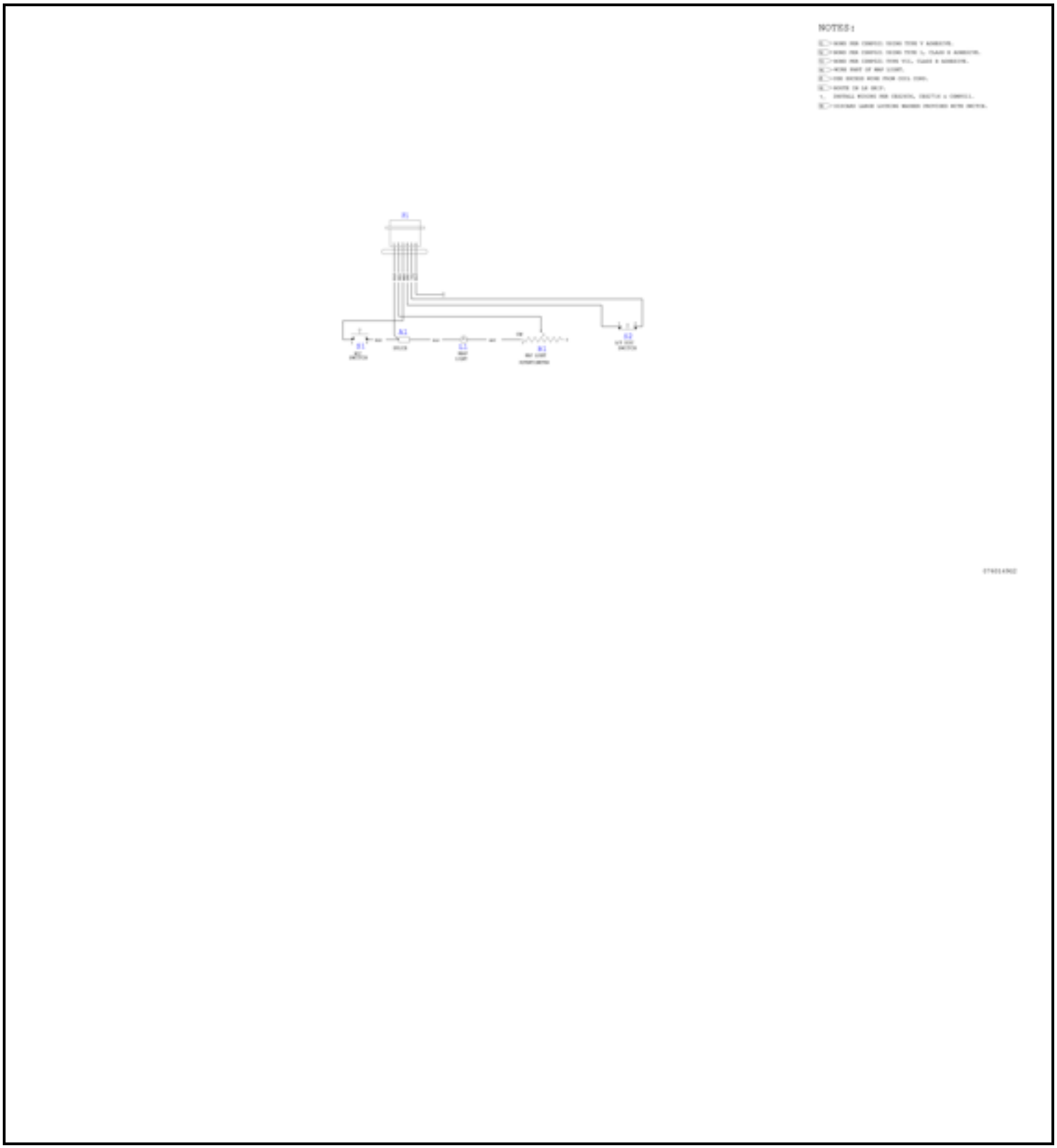
LEFT CONTROL WHEEL

AIRPLANES (206) 08001 THRU 08138 AND AIRPLANES (T206) 08001 THRU 08259

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
A1	S1370-1	CONNECTOR - SWITCH PANEL DISCONNECT		(206) 08001 - 08138 (T206) 08001 - 08259	01
L1	24RB	LIGHT - MAP (ZONE 222)	V80204	(206) 08001 - 08138 (T206) 08001 - 08259	01
	S2521-1	. SOCKET			AR
P1		CONNECTOR - PILOT CONTROL WHEEL (ZONE 222)			RF
R1	3852A162-152A	POTENTIOMETER - MAP LIGHT (ZONE 222) FOR SPARES ORDER (MUST REPLACE WITH): S2619-1	V00779	(206) 08001 - 08138 (T206) 08001 - 08259	01
	S2619-1	POTENTIOMETER	V81640	(206) 08001 - 08138 (T206) 08001 - 08259	01
S1	S2870-1	SWITCH - MICROPHONE (ZONE 222/223) FOR SPARES ORDER (MUST REPLACE WITH): S1985-1		(206) 08001 - 08138 (T206) 08001 - 08259	01
	S1985-1	SWITCH		(206) 08001 - 08138 (T206) 08001 - 08259	01
S2	S2870-4	SWITCH - AUTOPILOT DISCONNECT (ZONE 222)		(206) 08001 - 08138 (T206) 08001 - 08259	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 01 : Sheet 01 : LEFT CONTROL WHEEL



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

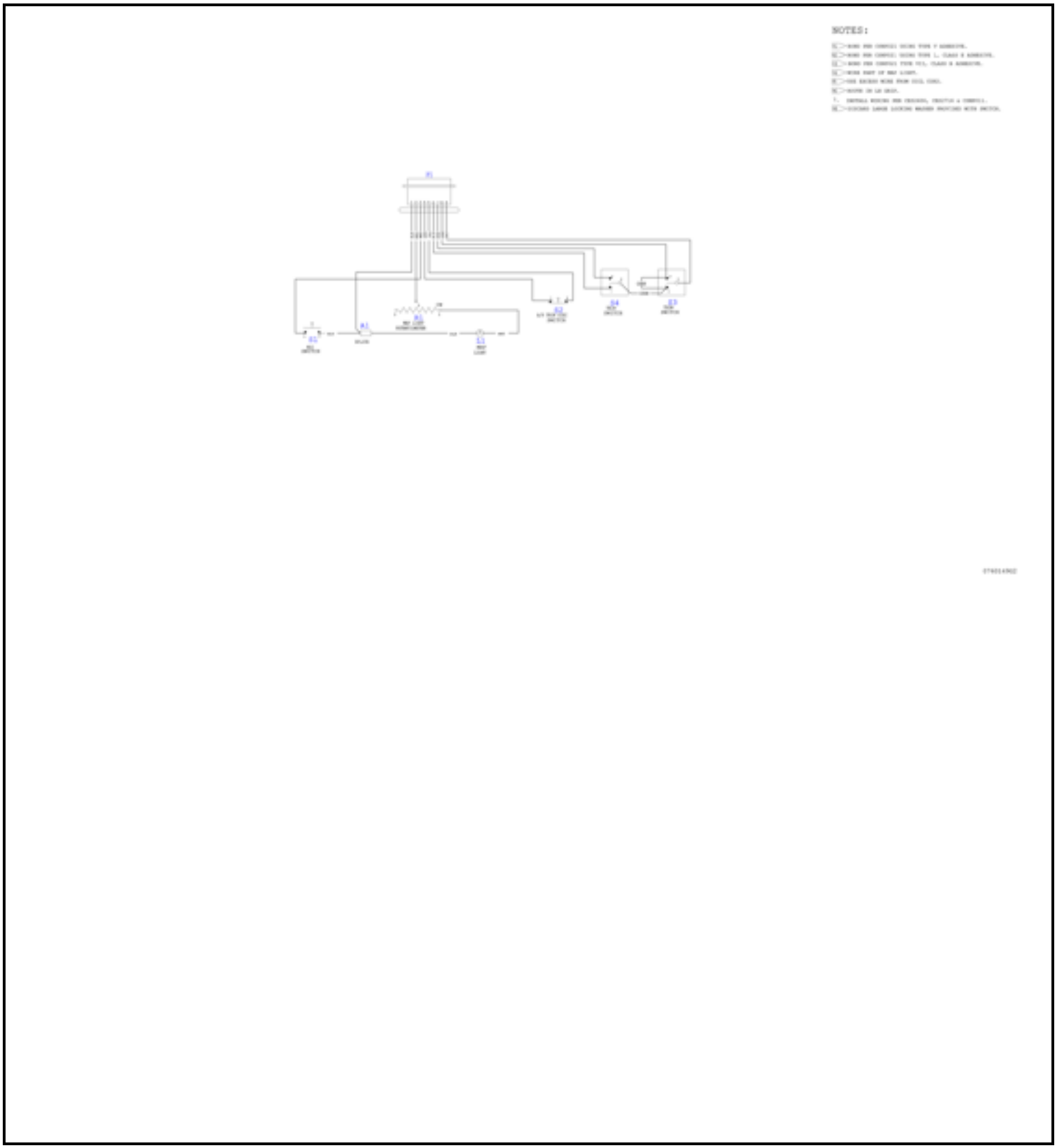
LEFT CONTROL WHEEL

AIRPLANES (206) 08139 & ON WITH ELECTRIC TRIM AND AIRPLANES (T206) 08260 & ON WITH ELECTRIC TRIM

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
A1	S1370-1	CONNECTOR - SWITCH PANEL DISCONNECT		(206) 08139 & ON (T206) 08260 & ON	01
L1	24RB	LIGHT - MAP (ZONE 222)	V80204	(206) 08139 & ON (T206) 08260 & ON	01
	S2521-1	. SOCKET			AR
P1		CONNECTOR - PILOT CONTROL WHEEL (ZONE 222)			RF
R1	3852A162-152A	POTENTIOMETER - MAP LIGHT (ZONE 222) FOR SPARES ORDER (MUST REPLACE WITH): S2619-1	V00779	(206) 08139 & ON (T206) 08260 & ON	01
	S2619-1	POTENTIOMETER	V81640	(206) 08139 & ON (T206) 08260 & ON	01
S1	S2870-1	SWITCH - MICROPHONE (ZONE 222/223) FOR SPARES ORDER (MUST REPLACE WITH): S1985-1		(206) 08139 & ON (T206) 08260 & ON	01
	S1985-1	SWITCH		(206) 08139 & ON (T206) 08260 & ON	01
S2	S2870-4	SWITCH - AUTOPILOT DISCONNECT (ZONE 222)		(206) 08139 & ON (T206) 08260 & ON	01
S3	7105P4YZQE	SWITCH - TRIM (ZONE 222)	V09353	(206) 08139 & ON (T206) 08260 & ON	01
S4	7105P4YZQE	SWITCH - TRIM (ZONE 222)	V09353	(206) 08139 & ON (T206) 08260 & ON	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 02 : Sheet 01 : LEFT CONTROL WHEEL



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

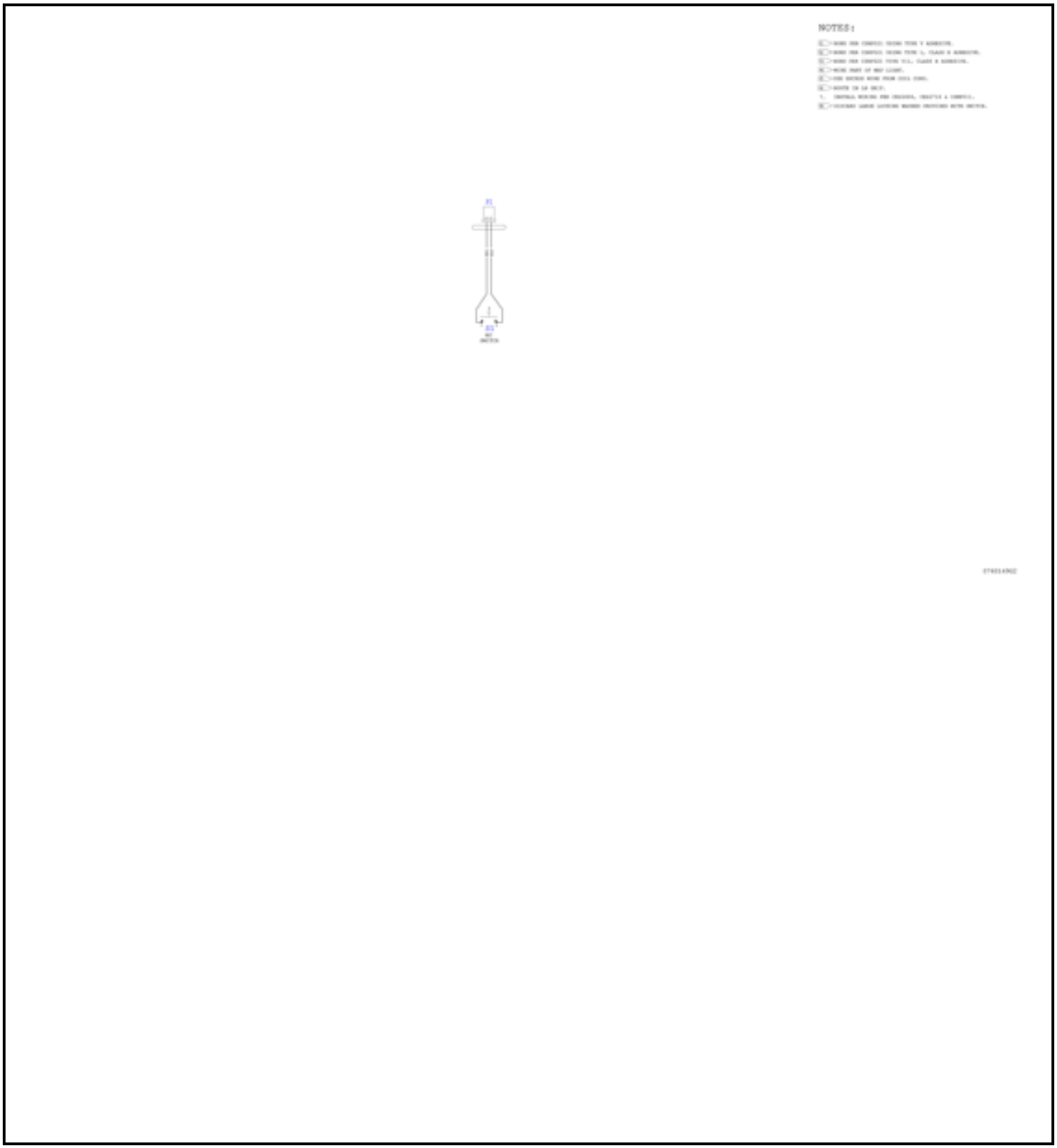
RIGHT CONTROL WHEEL

AIRPLANES (206) 08001 & ON AND AIRPLANES (T206) 08001 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	EFFECTIVITY	UNITS PER ASSY
P1		CONNECTOR - PILOT CONTROL WHEEL (ZONE 222)		RF
S1	S2870-1	SWITCH - MICROPHONE (ZONE 222/223)	(206) 08001 & ON	01
		FOR SPARES ORDER (MUST REPLACE WITH): S1985-1	(T206) 08001 & ON	
	S1985-1	SWITCH	(206) 08001 & ON (T206) 08001 & ON	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 01 : Sheet 01 : RIGHT CONTROL WHEEL



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

FLAP CONTROL

AIRPLANES (206) 08001 & ON WITHOUT NAV III OPTION AND AIRPLANES (T206) 08001 & ON WITHOUT NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GI001	S2527-1	GROUND STUD FOR SPARES ORDER (MUST REPLACE WITH): S2099-2		(206) 08001 & ON (T206) 08001 & ON	01
	S2099-2	CONTACT		(206) 08001 & ON (T206) 08001 & ON	AR
	200838-2	. BLOCK	V00779		AR
	S2527-3	. CLAMP			AR
	S2099-13	. CONTACT			AR
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		02
	201846-1	. JACKSCREW	V00779		AR
	203618-1	. JACKSCREW	V00779		02
GR010	1208001-2	GROUND STUD (ZONE 610)		(206) 08001 & ON (T206) 08001 & ON	01
HI007	S1360-10L	CIRCUIT BREAKER - FLAPS (ZONE 224)		(206) 08001 & ON (T206) 08001 & ON	01
JC010	S1641-9	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08001 & ON (T206) 08001 & ON	01
	S1636-2	. CONTACT			AR
JI001	S1638-6	CONNECTOR - FLAP HANDLE ASSEMBLY (ZONE 224)		(206) 08001 & ON (T206) 08001 & ON	01
	S1636-2	. CONTACT			AR
JR001	S1636-2	CONNECTOR - RIGHT WING DISCONNECT (ZONE 620)		(206) 08001 & ON (T206) 08001 & ON	01
	S1636-1	. CONTACT			AR
	S1641-9	. SOCKET			AR
JR005	S2035-2	CONNECTOR - FLAP ACTUATOR ASSEMBLY (ZONE 610)	V00779	(206) 08001 & ON (T206) 08001 & ON	02
	S1636-2	. CONTACT			02
JR006	S1638-1	PLUG - FLAP MOTOR DISCONNECT (ZONE 610)		(206) 08001 & ON (T206) 08001 & ON	01
	S1636-2	. CONTACT			AR
JR007	S1638-2	CAP - AVIONIC FLAP ACTUATOR DISCONNECT (ZONE 610)		(206) 08001 & ON (T206) 08001 & ON	01
	S1635-1	. CONTACT	V49367		AR
JR022	S2035-2	CONNECTOR - FLAP ACTUATOR DISCONNECT (ZONE 610)	V00779	(206) 08001 & ON (T206) 08001 & ON	01
MR001	C301002-0114	ACTUATOR ASSEMBLY - FLAP (ZONE 610)		(206) 08001 & ON (T206) 08001 & ON	01
PC010	S1640-9	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08001 & ON (T206) 08001 & ON	01
	S1635-1	. CONTACT	V49367		AR
	S1635-2	. CONTACT			AR
PI001	S1638-4	CONNECTOR - FLAP HANDLE ASSEMBLY (ZONE 224)		(206) 08001 & ON (T206) 08001 & ON	01
	S1635-2	. CONTACT			AR
PR001	S1640-9	CONNECTOR - RIGHT WING DISCONNECT (ZONE 620)		(206) 08001 & ON (T206) 08001 & ON	01
	S1635-1	. CONTACT	V49367		AR
	S1635-2	. PIN			AR
PR005	S2035-1	CONNECTOR - FLAP ACTUATOR DISCONNECT (ZONE 610)		(206) 08001 & ON (T206) 08001 & ON	01
PR006	S1632-2	CONNECTOR - FLAP MOTOR DISCONNECT (ZONE 610)		(206) 08001 & ON (T206) 08001 & ON	01
	S1635-2	. PIN			02
PR007	S1638-1	PLUG (ZONE 610)		(206) 08001 & ON (T206) 08001 & ON	01
	S1636-1	. CONTACT			01
PR022	S2035-1	CONNECTOR - FLAP ACTUATOR DISCONNECT (ZONE 610)		(206) 08001 & ON (T206) 08001 & ON	01
	S1635-2	. PIN			AR
RR001	CCF-551002F	RESISTOR - AUTOPILOT/FLAP EXTEND (ZONE 610)	V91637	(206) 08001 & ON (T206) 08001 & ON	01
RR002	CCF-551002F	RESISTOR - AUTOPILOT/FLAP RETRACT (ZONE 610)	V91637	(206) 08001 & ON (T206) 08001 & ON	01
SF001	S1952-1	SWITCH - CARGO DOOR (ZONE 210)		(206) 08001 & ON (T206) 08001 & ON	02
	S1493-2	. TERMINAL			AR
SI007	S1906-1	SWITCH - FLAPS UP (ZONE 224)		(206) 08001 & ON (T206) 08001 & ON	01
SI008	S1906-1	SWITCH - FLAPS DOWN (ZONE 224)		(206) 08001 & ON (T206) 08001 & ON	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

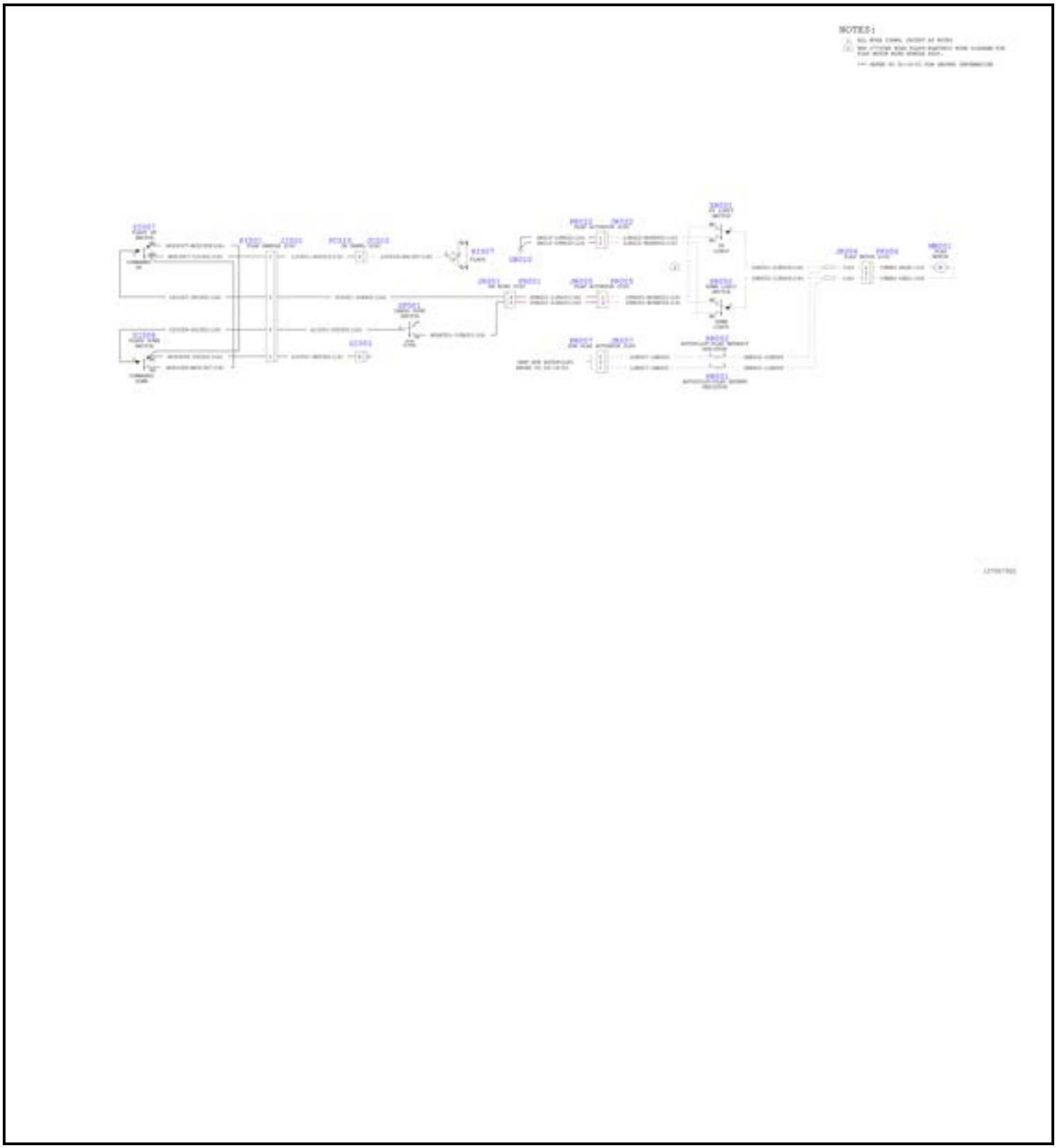
FLAP CONTROL

AIRPLANES (206) 08001 & ON WITHOUT NAV III OPTION AND AIRPLANES (T206) 08001 & ON WITHOUT NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	EFFECTIVITY	UNITS PER ASSY
SR001	S1493-2	SWITCH - UP LIMIT (ZONE 610)	(206) 08001 & ON (T206) 08001 & ON	01
SR002	S1493-2	SWITCH - DOWN LIMIT (ZONE 610)	(206) 08001 & ON (T206) 08001 & ON	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 01 : Sheet 01 : FLAP CONTROL



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

FLAP CONTROL

AIRPLANES (206) 08215 & ON WITH NAV III OPTION AND AIRPLANES (T206) 08450 & ON WITH NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GI001	S2527-1	GROUND STUD FOR SPARES ORDER (MUST REPLACE WITH): S2099-2		(206) 08215 & ON (T206) 08450 & ON	01
	S2099-2	CONTACT		(206) 08215 & ON (T206) 08450 & ON	AR
	200838-2	. BLOCK	V00779		AR
	S2527-3	. CLAMP			AR
	S2099-13	. CONTACT			AR
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		02
	201846-1	. JACKSCREW	V00779		AR
	203618-1	. JACKSCREW	V00779		02
GR010	1208001-2	GROUND STUD (ZONE 610)		(206) 08215 & ON (T206) 08450 & ON	01
JC024	S2350-4	CONNECTOR - ELECTRICAL CIRCUIT BREAKER PANEL DISCONNECT (ZONE 120)	V00779	(206) 08215 & ON (T206) 08450 & ON	01
	S2353-4	. PIN			01
	S2353-5	. PIN			01
JI001	S1638-6	CONNECTOR - FLAP HANDLE ASSEMBLY (ZONE 224)		(206) 08215 & ON (T206) 08450 & ON	01
	S1636-2	. CONTACT			AR
JR001	S1636-2	CONNECTOR - RIGHT WING DISCONNECT (ZONE 620)		(206) 08215 & ON (T206) 08450 & ON	01
	S1636-1	. CONTACT			AR
	S1641-9	. SOCKET			AR
JR005	S2035-2	CONNECTOR - FLAP ACTUATOR ASSEMBLY (ZONE 610)	V00779	(206) 08215 & ON (T206) 08450 & ON	02
	S1636-2	. CONTACT			02
JR006	S1638-1	PLUG - FLAP MOTOR DISCONNECT (ZONE 610)		(206) 08215 & ON (T206) 08450 & ON	01
	S1636-2	. CONTACT			AR
JR007	S1638-2	CAP - AVIONIC FLAP ACTUATOR DISCONNECT (ZONE 610)		(206) 08215 & ON (T206) 08450 & ON	01
	S1635-1	. CONTACT	V49367		AR
JR022	S2035-2	CONNECTOR - FLAP ACTUATOR DISCONNECT (ZONE 610)	V00779	(206) 08215 & ON (T206) 08450 & ON	01
MR001	C301002-0114	ACTUATOR ASSEMBLY - FLAP (ZONE 610)		(206) 08215 & ON (T206) 08450 & ON	01
PC024	S2349-3	CONNECTOR - ELECTRICAL CIRCUIT BREAKER PANEL DISCONNECT		(206) 08215 & ON (T206) 08450 & ON	01
	S2099-3	. CONTACT			03
	S2099-4	. CONTACT	V00779		06
PI001	S1638-4	CONNECTOR - FLAP HANDLE ASSEMBLY (ZONE 224)		(206) 08215 & ON (T206) 08450 & ON	01
	S1635-2	. CONTACT			AR
PR001	S1640-9	CONNECTOR - RIGHT WING DISCONNECT (ZONE 620)		(206) 08215 & ON (T206) 08450 & ON	01
	S1635-1	. CONTACT	V49367		AR
	S1635-2	. PIN			AR
PR005	S2035-1	CONNECTOR - FLAP ACTUATOR DISCONNECT (ZONE 610)		(206) 08215 & ON (T206) 08450 & ON	01
PR006	S1632-2	CONNECTOR - FLAP MOTOR DISCONNECT (ZONE 610)		(206) 08215 & ON (T206) 08450 & ON	01
	S1635-2	. PIN			02
PR007	S1638-1	PLUG (ZONE 610)		(206) 08215 & ON (T206) 08450 & ON	01
	S1636-1	. CONTACT			01
PR022	S2035-1	CONNECTOR - FLAP ACTUATOR DISCONNECT (ZONE 610)		(206) 08215 & ON (T206) 08450 & ON	01
	S1635-2	. PIN			AR
RR001	CCF-551002F	RESISTOR - AUTOPILOT/FLAP EXTEND (ZONE 610)	V91637	(206) 08215 & ON (T206) 08450 & ON	01
RR002	CCF-551002F	RESISTOR - AUTOPILOT/FLAP RETRACT (ZONE 610)	V91637	(206) 08215 & ON (T206) 08450 & ON	01
SF001	S1952-1	SWITCH - CARGO DOOR (ZONE 210)		(206) 08215 & ON (T206) 08450 & ON	02
	S1493-2	. TERMINAL			AR
SI007	S1906-1	SWITCH - FLAPS UP (ZONE 224)		(206) 08215 & ON (T206) 08450 & ON	01
SI008	S1906-1	SWITCH - FLAPS DOWN (ZONE 224)		(206) 08215 & ON (T206) 08450 & ON	01
SR001	S1493-2	SWITCH - UP LIMIT (ZONE 610)		(206) 08215 & ON (T206) 08450 & ON	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

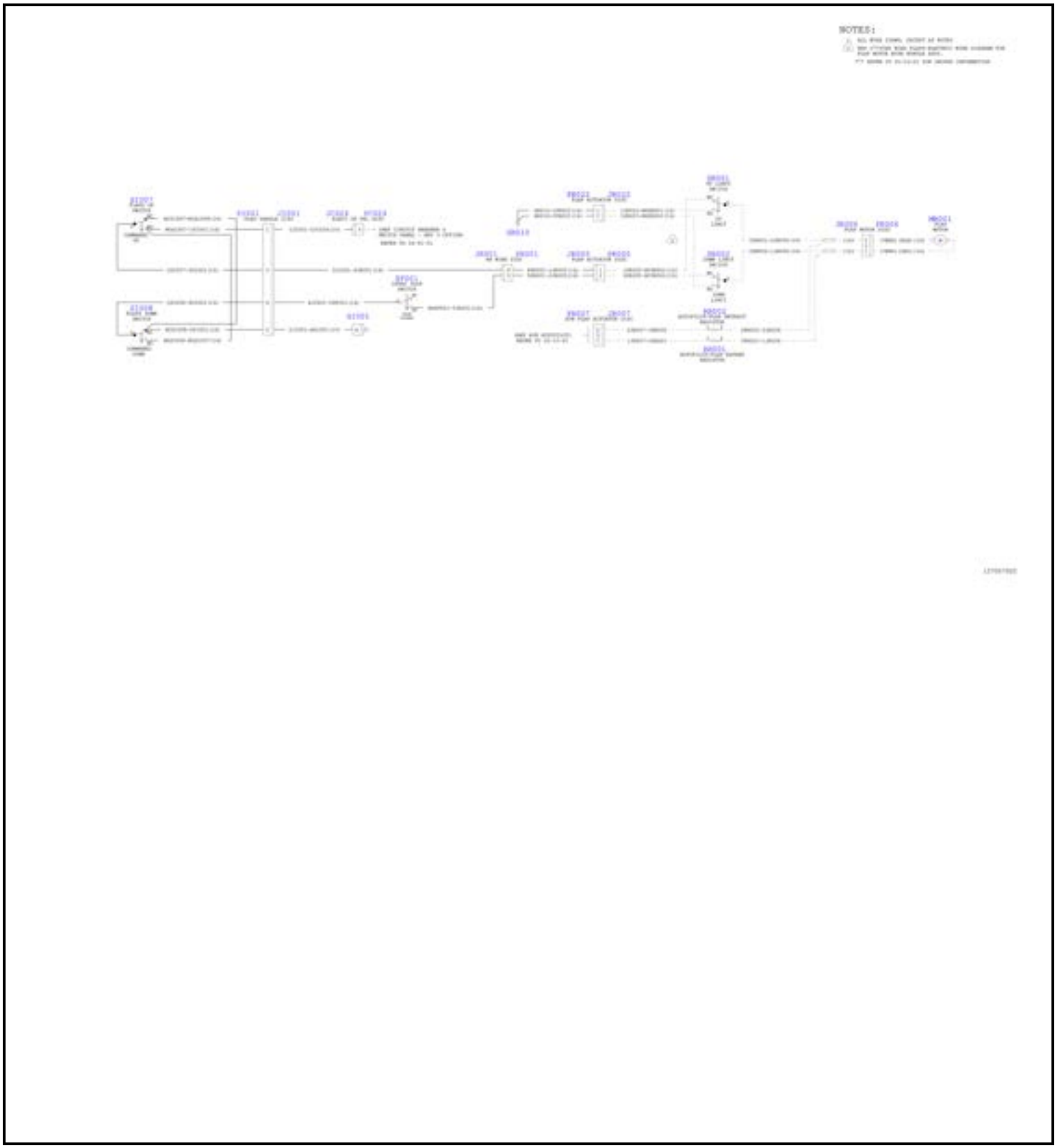
FLAP CONTROL

AIRPLANES (206) 08215 & ON WITH NAV III OPTION AND AIRPLANES (T206) 08450 & ON WITH NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	EFFECTIVITY	UNITS PER ASSY
SR002	S1493-2	SWITCH - DOWN LIMIT (ZONE 610)	(206) 08215 & ON (T206) 08450 & ON	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 02 : Sheet 01 : FLAP CONTROL



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

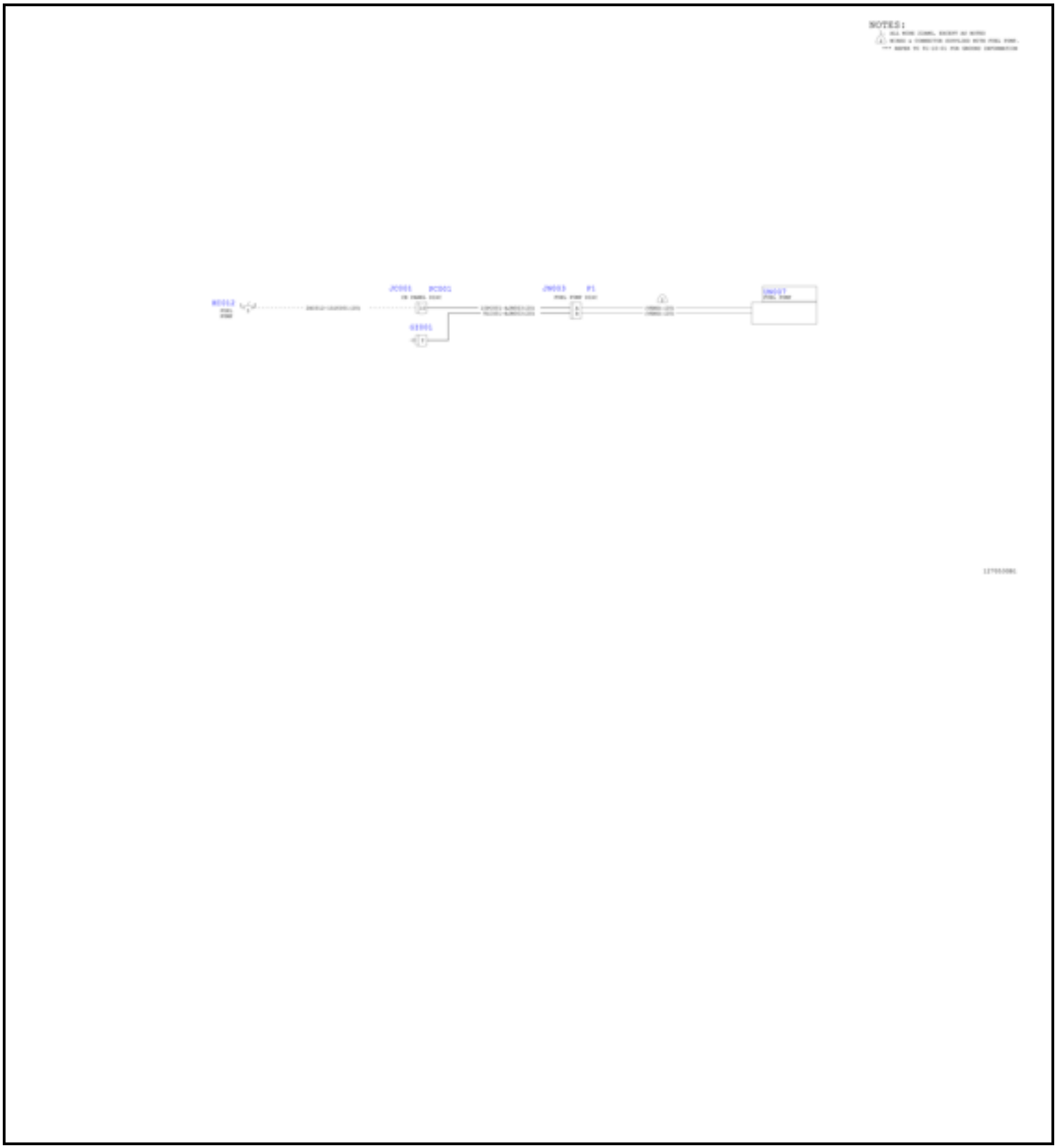
FUEL PUMP

AIRPLANES (206) 08001 & ON AND AIRPLANES (T206) 08001 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GI001	S2527-1	GROUND STUD FOR SPARES ORDER (MUST REPLACE WITH): S2099-2		(206) 08001 & ON (T206) 08001 & ON	01
	S2099-2	CONTACT		(206) 08001 & ON (T206) 08001 & ON	AR
	200838-2	. BLOCK	V00779		AR
	S2527-3	. CLAMP			AR
	S2099-13	. CONTACT			AR
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		02
	201846-1	. JACKSCREW	V00779		AR
	203618-1	. JACKSCREW	V00779		02
HI012	CM3589-5	CIRCUIT BREAKER - FUEL PUMP (ZONE 224)		(206) 08001 & ON (T206) 08001 & ON	01
JC001	S2349-5	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08001 & ON (T206) 08001 & ON	01
	S1636-2	. CONTACT			AR
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
JN003	KTKSAD2022F150X2	CONNECTOR - FUEL PUMP (ZONE 120)	V1F242	(206) 08001 & ON (T206) 08001 & ON	01
P1	KTKSAD2022M150X2	CONNECTOR - FUEL PUMP DISCONNECT (ZONE 222)	V2W816	(206) 08001 & ON (T206) 08001 & ON	01
PC001	S2350-10	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08001 & ON (T206) 08001 & ON	01
	S2350-4	. CONTACT	V00779		01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
UN007	A10056-B	FUEL PUMP (ZONE 120)	V64560	(206) 08001 & ON	01
UN007	A-10055-B	FUEL PUMP (ZONE 120)	V64560	(T206) 08001 & ON	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 01 : Sheet 01 : FUEL PUMP



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

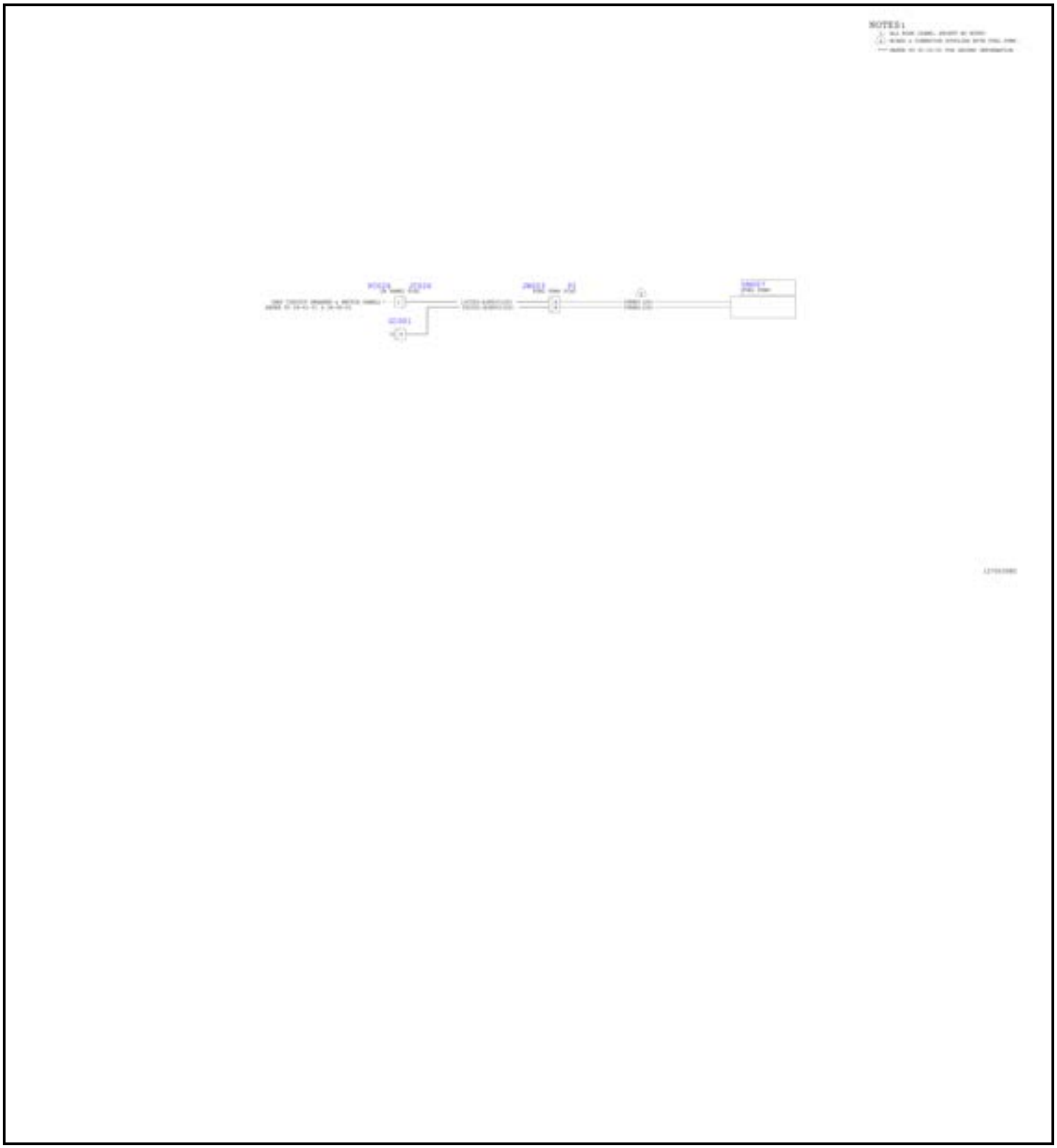
FUEL PUMP

AIRPLANES (206) 08215 & ON WITH NAV III OPTION AND AIRPLANES (T206) 08450 & ON WITH NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GI001	S2527-1	GROUND STUD FOR SPARES ORDER (MUST REPLACE WITH): S2099-2		(206) 08215 & ON (T206) 08450 & ON	01
	S2099-2	CONTACT		(206) 08215 & ON (T206) 08450 & ON	AR
	200838-2	. BLOCK	V00779		AR
	S2527-3	. CLAMP			AR
	S2099-13	. CONTACT			AR
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		02
	201846-1	. JACKSCREW	V00779		AR
	203618-1	. JACKSCREW	V00779		02
JC026	S2350-3	RECEPTACLE - SWITCH PANEL DISCONNECT (ZONE 120)		(206) 08215 & ON (T206) 08450 & ON	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
	S2353-6	. CONTACT			AR
	S3373-1	. CONTACT			AR
	S2353-3	. PIN	V00779		AR
JN003	KTKSAD2022F150X2	CONNECTOR - FUEL PUMP (ZONE 120)	V1F242	(206) 08215 & ON (T206) 08450 & ON	01
P1	KTKSAD2022M150X2	CONNECTOR - FUEL PUMP DISCONNECT (ZONE 222)	V2W816	(206) 08215 & ON (T206) 08450 & ON	01
PC026	S2349-1	PLUG - SWITCH PANEL DISCONNECT	V00779	(206) 08215 & ON (T206) 08450 & ON	01
	S2099-3	. CONTACT			02
	S2099-4	. CONTACT	V00779		09
	S3373-2	. CONTACT			AR
UN007	A10056-B	FUEL PUMP (ZONE 120)	V64560	(206) 08001 & ON	01
UN007	A-10055-B	FUEL PUMP (ZONE 120)	V64560	(T206) 08001 & ON	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 02 : Sheet 01 : FUEL PUMP



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

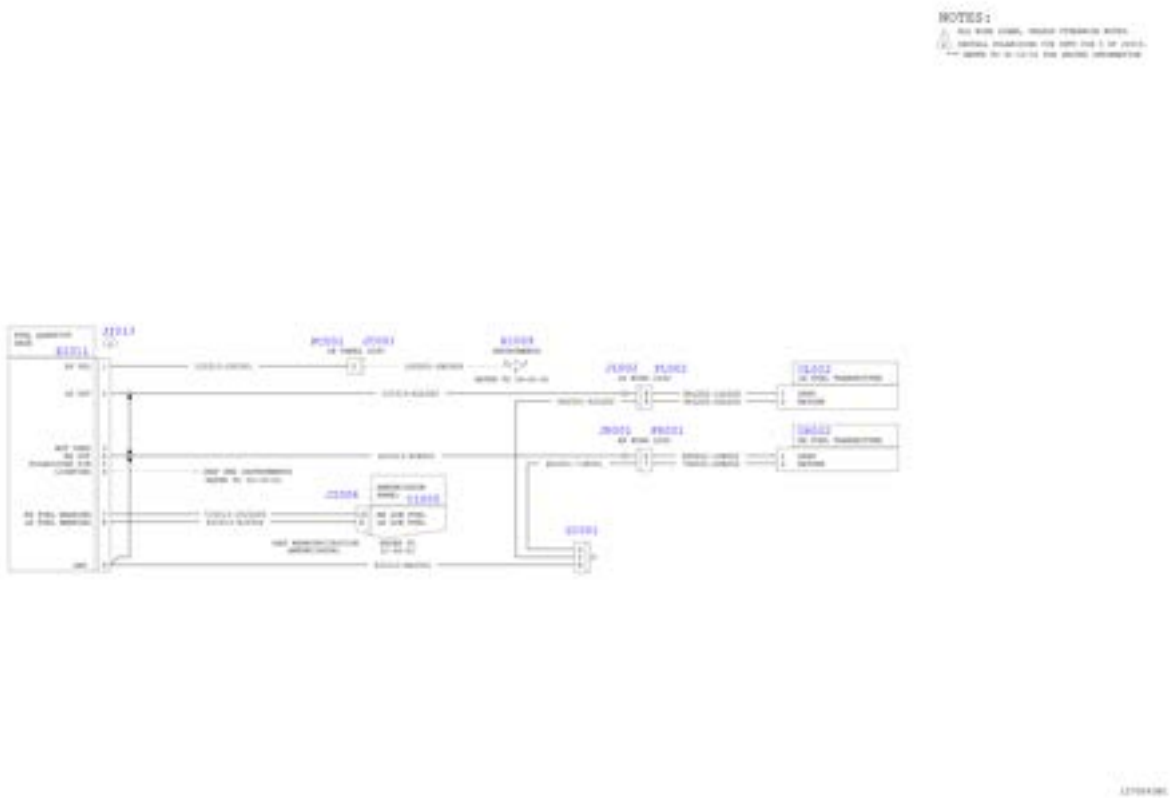
FUEL QUANTITY

AIRPLANES (206) 08001 THRU 08208 AND AIRPLANES (T206) 08001 THRU 08437

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
EI011	S3317-3	INDICATOR - FUEL QUANTITY (ZONE 220)		(206) 08001 - 08208 (T206) 08001 - 08437	01
GI001	S2527-1	GROUND STUD FOR SPARES ORDER (MUST REPLACE WITH): S2099-2		(206) 08001 - 08208 (T206) 08001 - 08437	01
	S2099-2	CONTACT		(206) 08001 - 08208 (T206) 08001 - 08437	AR
	200838-2	. BLOCK	V00779		AR
	S2527-3	. CLAMP			AR
	S2099-13	. CONTACT			AR
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		02
	201846-1	. JACKSCREW	V00779		AR
	203618-1	. JACKSCREW	V00779		02
HI009	S1360-5L	CIRCUIT BREAKER - INSTRUMENT LIGHTS (ZONE 224)		(206) 08001 - 08208 (T206) 08001 - 08437	01
JC001	S2349-5	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08001 - 08208 (T206) 08001 - 08437	01
	S1636-2	. CONTACT			AR
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
JI006	770585-1	CONNECTOR - ANNUNCIATOR PANEL (ZONE 210)	V00779	(206) 08001 - 08208 (T206) 08001 - 08437	01
	170365-3	. CONTACT	V00779		AR
	S3556-26	. SOCKET			AR
JI013	S2349-3	CONNECTOR - FUEL QUANTITY (ZONE 220)		(206) 08001 - 08208 (T206) 08001 - 08437	01
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
	S2414-1	. KEYING PLUG			AR
JL002	S1641-12	CONNECTOR - LEFT WING DISCONNECT (ZONE 520)		(206) 08001 - 08208 (T206) 08001 - 08437	01
	S1636-1	. CONTACT			AR
	S1636-2	. CONTACT			AR
JR001	S1636-2	CONNECTOR - RIGHT WING DISCONNECT (ZONE 620)		(206) 08001 - 08208 (T206) 08001 - 08437	01
	S1636-1	. CONTACT			AR
	S1641-9	. SOCKET			AR
PC001	S2350-10	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08001 - 08208 (T206) 08001 - 08437	01
	S2350-4	. CONTACT	V00779		01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PL002	S1640-12	CONNECTOR - LEFT WING DISCONNECT (ZONE 510, 520)		(206) 08001 - 08208 (T206) 08001 - 08437	01
	S1635-1	. CONTACT	V49367		AR
	S1635-2	. CONTACT			AR
PR001	S1640-9	CONNECTOR - RIGHT WING DISCONNECT (ZONE 620)		(206) 08001 - 08208 (T206) 08001 - 08437	01
	S1635-1	. CONTACT	V49367		AR
	S1635-2	. PIN			AR
UI005	CSEWCA-01	ANNUNCIATOR - LOW FUEL (ZONE 225)	V0GZF3	(206) 08001 - 08138 (T206) 08001 - 08259	01
UL002	S3852-3	TRANSMITTER - LEFT FUEL QUANTITY (ZONE 510)		(206) 08001 - 08208 (T206) 08001 - 08437	01
UR002	S3852-4	TRANSMITTER - RIGHT FUEL QUANTITY (ZONE 610)		(206) 08001 - 08208 (T206) 08001 - 08437	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 01 : Sheet 01 : FUEL QUANTITY



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

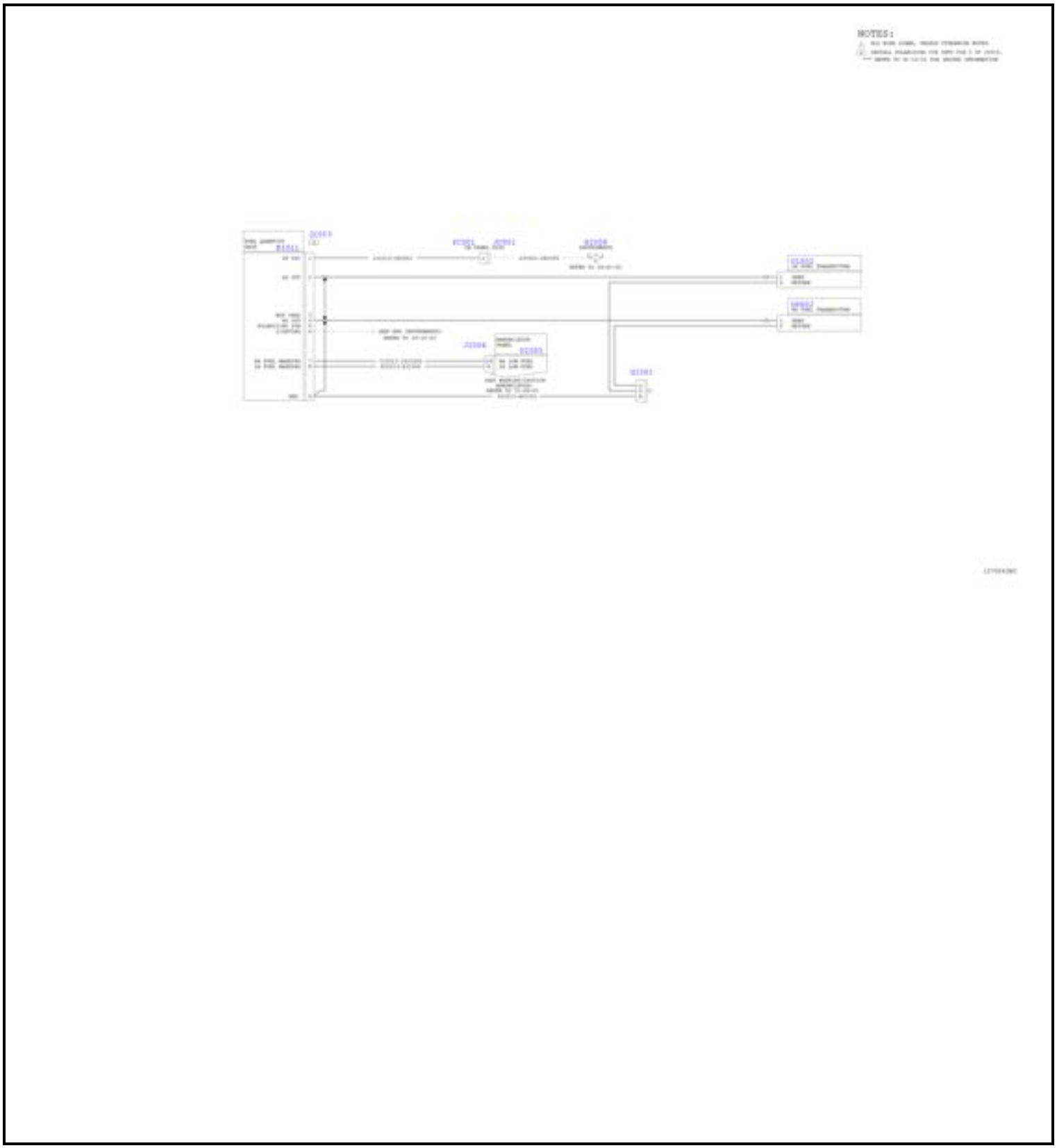
FUEL QUANTITY

AIRPLANES (206) 08209 & ON WITHOUT NAV III OPTION AND AIRPLANES (T206) 08438 & ON WITHOUT NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
EI011	S3317-3	INDICATOR - FUEL QUANTITY (ZONE 220)		(206) 08209 & ON (T206) 08438 & ON	01
GI001	S2527-1	GROUND STUD FOR SPARES ORDER (MUST REPLACE WITH): S2099-2		(206) 08209 & ON (T206) 08438 & ON	01
	S2099-2	CONTACT		(206) 08209 & ON (T206) 08438 & ON	AR
	200838-2	. BLOCK	V00779		AR
	S2527-3	. CLAMP			AR
	S2099-13	. CONTACT			AR
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		02
	201846-1	. JACKSCREW	V00779		AR
	203618-1	. JACKSCREW	V00779		02
HI009	S1360-5L	CIRCUIT BREAKER - INSTRUMENT LIGHTS (ZONE 224)		(206) 08209 & ON (T206) 08438 & ON	01
JC001	S2349-5	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08209 & ON (T206) 08438 & ON	01
	S1636-2	. CONTACT			AR
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
JI006	770585-1	CONNECTOR - ANNUNCIATOR PANEL (ZONE 210)	V00779	(206) 08209 & ON (T206) 08438 & ON	01
	170365-3	. CONTACT	V00779		AR
	S3556-26	. SOCKET			AR
JI013	S2349-3	CONNECTOR - FUEL QUANTITY (ZONE 220)		(206) 08209 & ON (T206) 08438 & ON	01
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
	S2414-1	. KEYING PLUG			AR
PC001	S2350-10	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08209 & ON (T206) 08438 & ON	01
	S2350-4	. CONTACT	V00779		01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
UI005	CSEWCA-03	ANNUNCIATOR - PANEL (ZONE 225) * AIRPLANES (206) 08139 & ON WITH NAV I OPTION * AIRPLANES (T206) 08260 & ON WITH NAV I OPTION	V0GZF3	(206) *08139 & ON (T206) *08260 & ON	01
UL002	S3852-3	TRANSMITTER - LEFT FUEL QUANTITY (ZONE 510)		(206) 08209 & ON (T206) 08438 & ON	01
UR002	S3852-4	TRANSMITTER - RIGHT FUEL QUANTITY (ZONE 610)		(206) 08209 & ON (T206) 08438 & ON	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 02 : Sheet 01 : FUEL QUANTITY



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

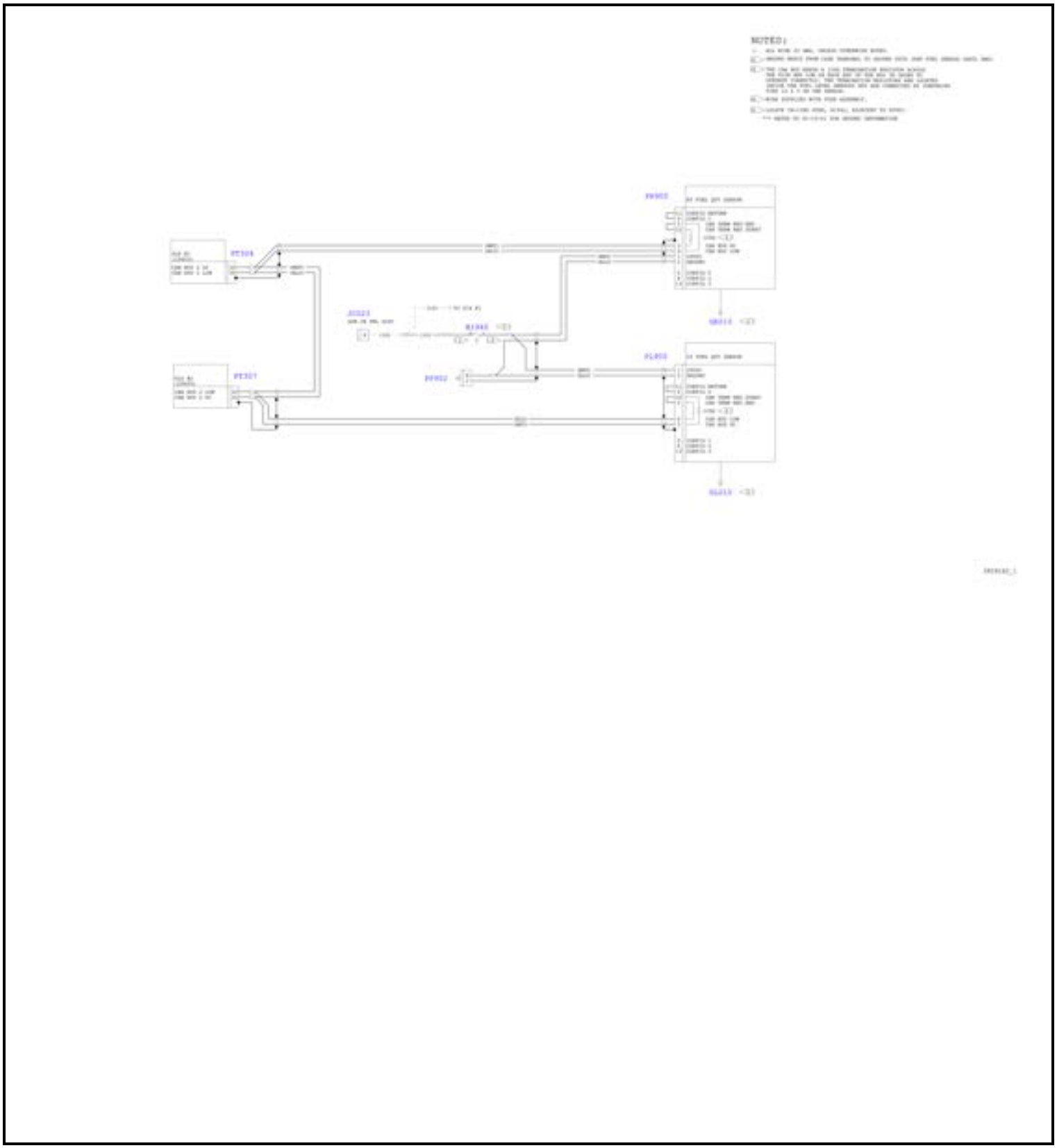
FUEL QUANITY W/NAV III

AIRPLANES (206) 08303 & ON AND AIRPLANES (T206) 08801 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GL010	1208001-2	GROUND STUD (ZONE 510)		(206) 08303 & ON (T206) 08801 & ON	01
GR010	1208001-2	GROUND STUD (ZONE 610)		(206) 08303 & ON (T206) 08801 & ON	01
HI940	S3491-2	FUSE ASSEMBLY (ZONE 221)		(206) 08303 & ON (T206) 08801 & ON	01
JC023	S2350-10	CONNECTOR - AVIONIC CIRCUIT BREAKER DISCONNECT		(206) 08303 & ON (T206) 08801 & ON	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
	S2353-7	. PIN			AR
PF902	SK2701	CONNECTOR - GROUND (ZONE 211)	V28198	(206) 08303 & ON (T206) 08801 & ON	01
	FC116N2	. CRIMP CONTACT	V28198		AR
	FC120N2	. CRIMP CONTACT	V28198		AR
PL900	D38999/26FB35SN	PLUG - LEFT FUEL QUANITY SENSOR		(206) 08303 & ON (T206) 08801 & ON	01
	S3627-11-90	. BACKSHELL			01
	M39029/56-348	. CONTACT			AR
PR900	D38999/26FB35SN	PLUG - RIGHT FUEL QUANITY SENSOR		(206) 08303 & ON (T206) 08801 & ON	01
	S3627-11-90	. BACKSHELL			01
	M39029/56-348	. CONTACT			AR
PT304	330-00185-78	CONNECTOR - INTEGRATED AVIONICS COMPUTER	V0TRC3	(206) 08303 & ON (T206) 08801 & ON	01
PT307	330-00366-62	CONNECTOR - AVIONIC #2	V0TRC3	(206) 08303 & ON (T206) 08801 & ON	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 03 : Sheet 01 : FUEL QUANITY W/NAV III



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

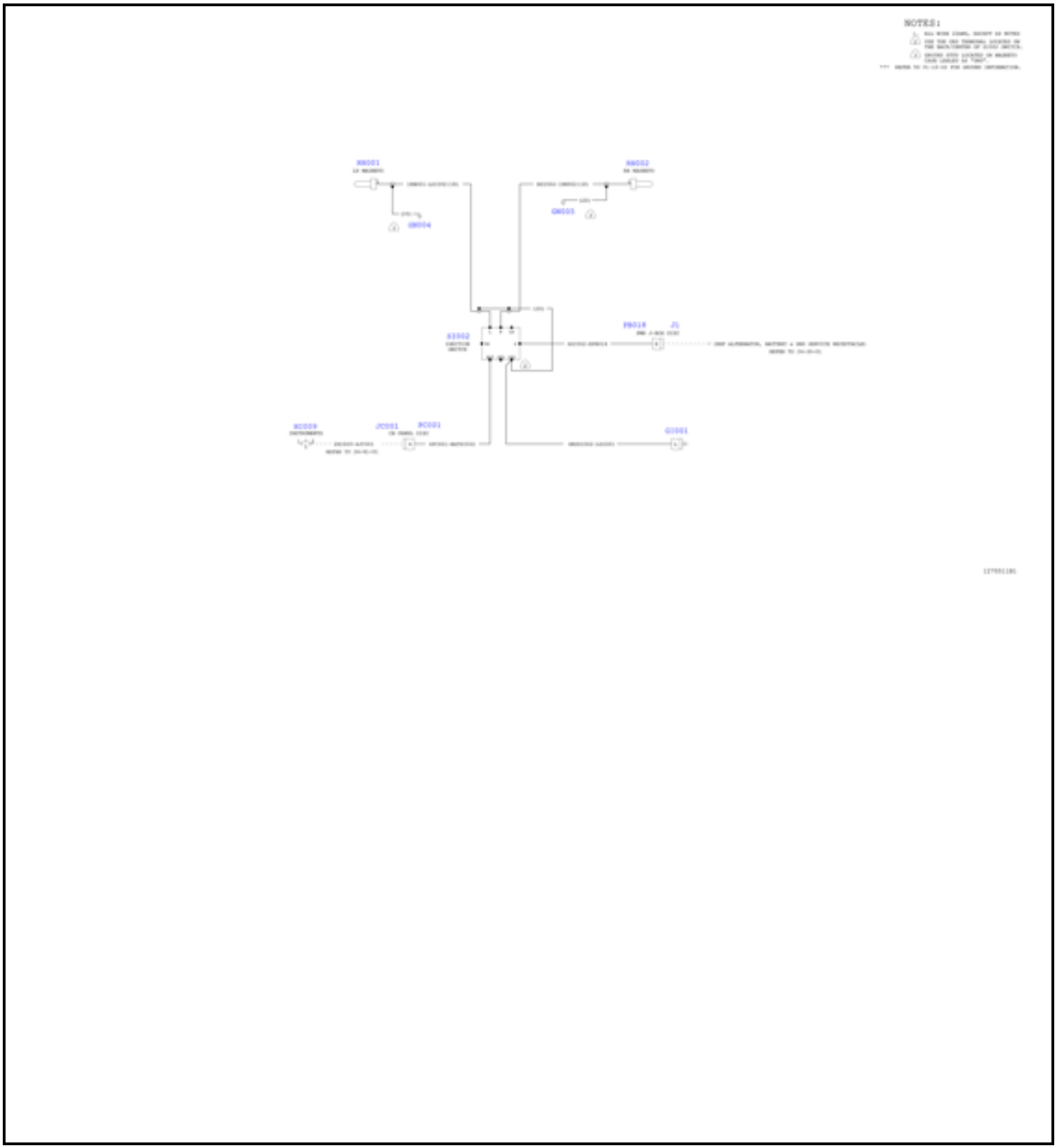
MAGNETO SYSTEM

AIRPLANES (206) 08001 THRU 08138 AND AIRPLANES (T206) 08001 THRU 08259

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GI001	S2527-1	GROUND STUD FOR SPARES ORDER (MUST REPLACE WITH): S2099-2		(206) 08001 - 08138 (T206) 08001 - 08259	01
	S2099-2	CONTACT		(206) 08001 - 08138 (T206) 08001 - 08259	AR
	200838-2	. BLOCK	V00779		AR
	S2527-3	. CLAMP			AR
	S2099-13	. CONTACT			AR
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		02
	201846-1	. JACKSCREW	V00779		AR
	203618-1	. JACKSCREW	V00779		02
GN004		GROUND (ZONE 120)			RF
GN005		GROUND STUD (ZONE 120)			RF
HI009	S1360-5L	CIRCUIT BREAKER - INSTRUMENT LIGHTS (ZONE 224)		(206) 08001 - 08138 (T206) 08001 - 08259	01
J1	S1640-6	CONNECTOR - JUNCTION BOX DISCONNECT (ZONE 510)		(206) 08001 - 08138 (T206) 08001 - 08259	01
	S1635-1	. CONTACT	V49367		AR
JC001	S2349-5	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08001 - 08138 (T206) 08001 - 08259	01
	S1636-2	. CONTACT			AR
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
PB018	S2800-274	CONNECTOR - JUNCTION BOX DISCONNECT (ZONE 121)		(206) 08001 - 08138 (T206) 08001 - 08259	01
PC001	S2350-10	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08001 - 08138 (T206) 08001 - 08259	01
	S2350-4	. CONTACT	V00779		01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
RN001	MS25171-1S	MAGNETO - LEFT (ZONE 120)	V96906	(206) 08001 - 08138 (T206) 08001 - 08259	01
RN002	MS25171-1S	MAGNETO - RIGHT (ZONE 120)	V96906	(206) 08001 - 08138 (T206) 08001 - 08259	01
SI002	C292501-0109	SWITCH - IGNITION (ZONE 224)		(206) 08001 - 08138 (T206) 08001 - 08259	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 01 : Sheet 01 : MAGNETO SYSTEM



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

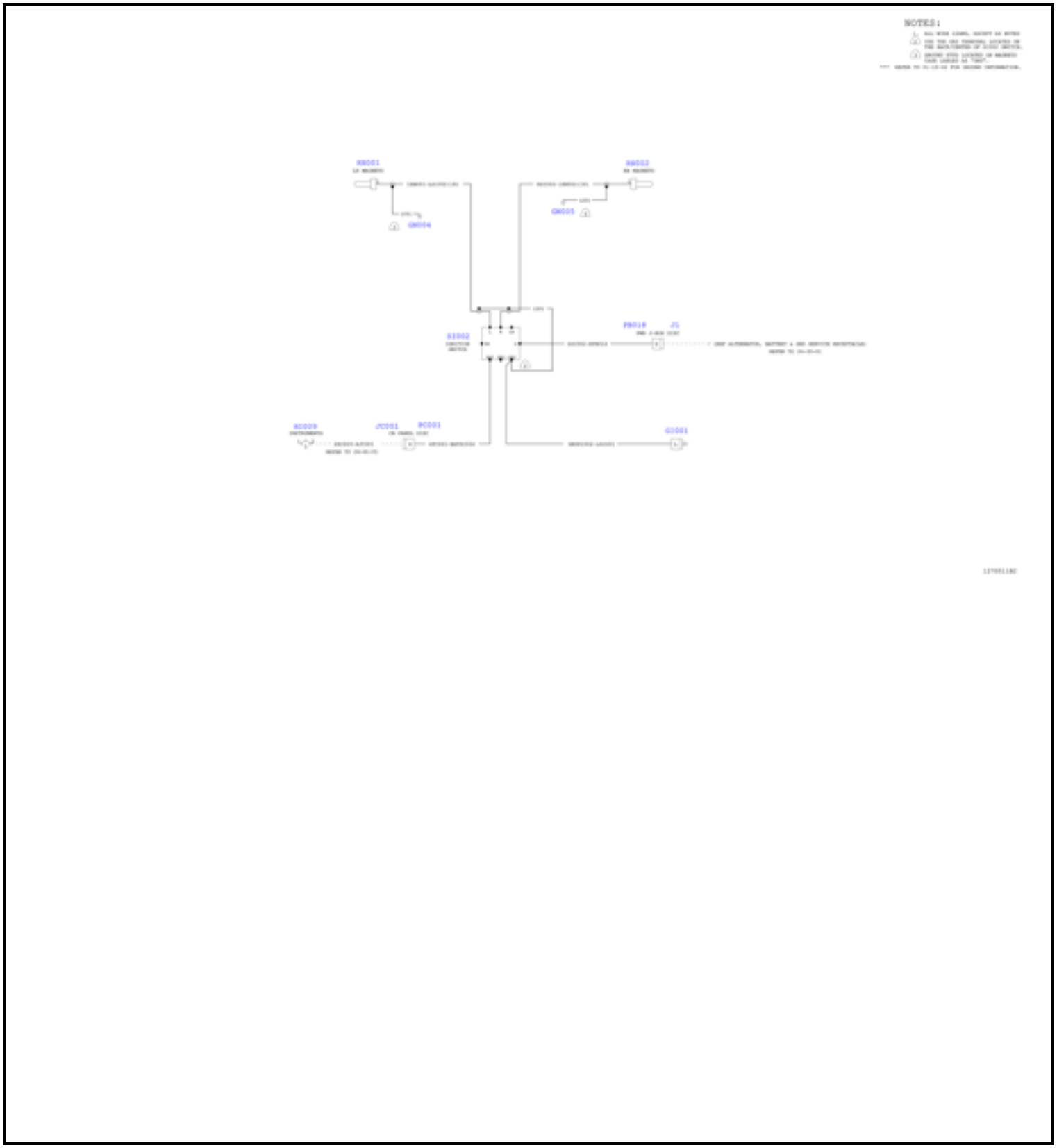
MAGNETO SYSTEM

AIRPLANES (206) 08139 & ON AND AIRPLANES (T206) 08260 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GI001	S2527-1	GROUND STUD FOR SPARES ORDER (MUST REPLACE WITH): S2099-2		(206) 08139 & ON (T206) 08260 & ON	01
	S2099-2	CONTACT		(206) 08139 & ON (T206) 08260 & ON	AR
	200838-2	. BLOCK	V00779		AR
	S2527-3	. CLAMP			AR
	S2099-13	. CONTACT			AR
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		02
	201846-1	. JACKSCREW	V00779		AR
	203618-1	. JACKSCREW	V00779		02
GN004		GROUND (ZONE 120)			RF
GN005		GROUND STUD (ZONE 120)			RF
HI009	S1360-5L	CIRCUIT BREAKER - INSTRUMENT LIGHTS (ZONE 224)		(206) 08139 & ON (T206) 08260 & ON	01
J1	S1640-6	CONNECTOR - JUNCTION BOX DISCONNECT (ZONE 510)		(206) 08139 & ON (T206) 08260 & ON	01
	S1635-1	. CONTACT	V49367		AR
JC001	S2349-5	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08139 & ON (T206) 08260 & ON	01
	S1636-2	. CONTACT			AR
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
PB018	S2800-274	CONNECTOR - JUNCTION BOX DISCONNECT (ZONE 121)		(206) 08139 & ON (T206) 08260 & ON	01
PC001	S2350-10	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08139 & ON (T206) 08260 & ON	01
	S2350-4	. CONTACT	V00779		01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
RN001	MS25171-1S	MAGNETO - LEFT (ZONE 120)	V96906	(206) 08139 & ON (T206) 08260 & ON	01
RN002	MS25171-1S	MAGNETO - RIGHT (ZONE 120)	V96906	(206) 08139 & ON (T206) 08260 & ON	01
SI002	C292501-0109	SWITCH - IGNITION (ZONE 224)		(206) 08139 & ON (T206) 08260 & ON	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 02 : Sheet 01 : MAGNETO SYSTEM



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

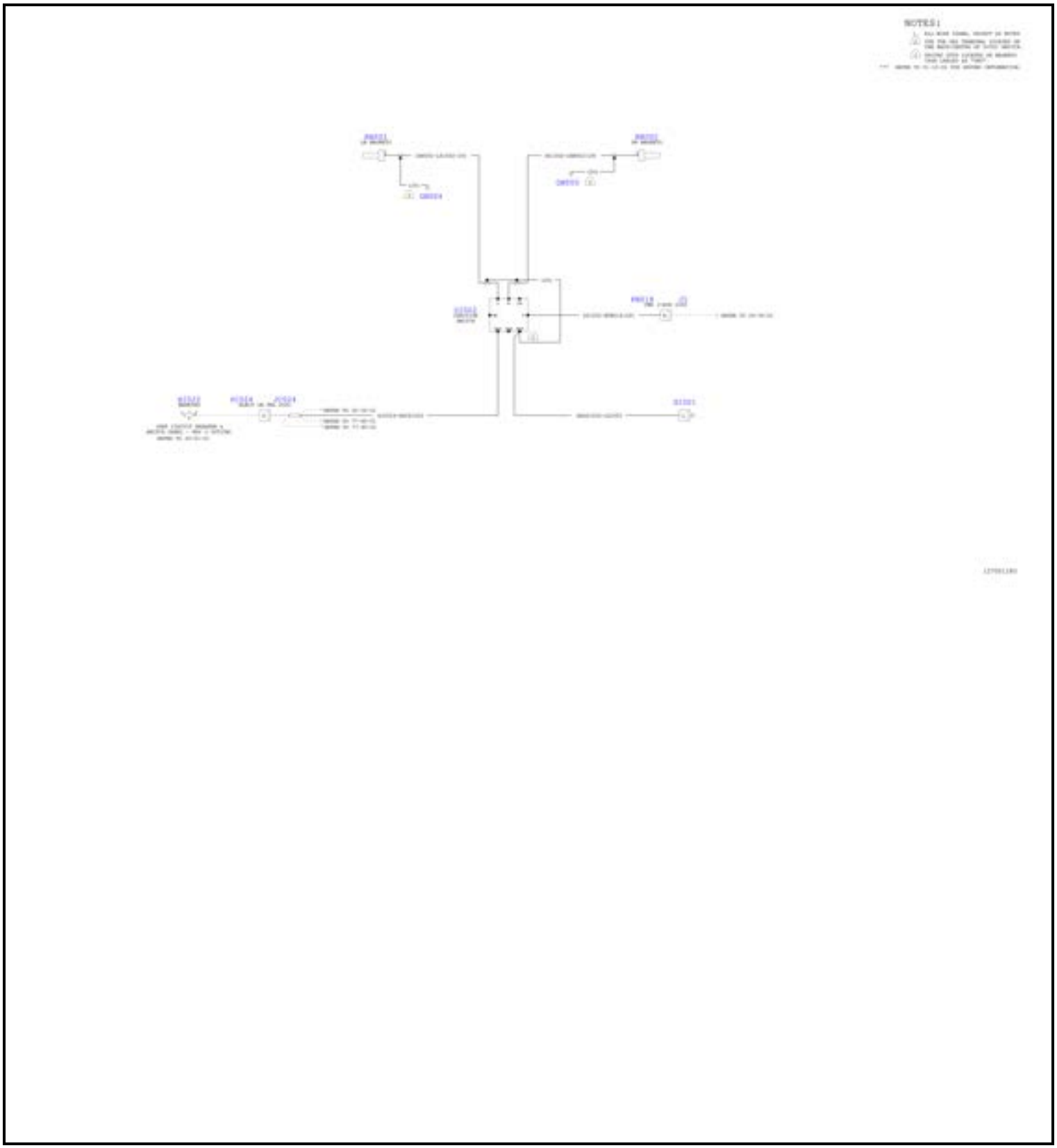
MAGNETO SYSTEM

AIRPLANES (206) 08215 & ON WITH NAV III OPTION AND AIRPLANES (T206) 08450 & ON WITH NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GI001	S2527-1	GROUND STUD FOR SPARES ORDER (MUST REPLACE WITH): S2099-2		(206) 08215 & ON (T206) 08450 & ON	01
	S2099-2	CONTACT		(206) 08215 & ON (T206) 08450 & ON	AR
	200838-2	. BLOCK	V00779		AR
	S2527-3	. CLAMP			AR
	S2099-13	. CONTACT			AR
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		02
	201846-1	. JACKSCREW	V00779		AR
	203618-1	. JACKSCREW	V00779		02
GN004		GROUND (ZONE 120)			RF
GN005		GROUND STUD (ZONE 120)			RF
HI022	S1360-5L	CIRCUIT BREAKER - WARNING (ZONE 224)		(206) 08215 & ON (T206) 08450 & ON	01
J1	S1640-6	CONNECTOR - JUNCTION BOX DISCONNECT (ZONE 510)		(206) 08215 & ON (T206) 08450 & ON	01
	S1635-1	. CONTACT	V49367		AR
JC024	S2350-4	CONNECTOR - ELECTRICAL CIRCUIT BREAKER PANEL DISCONNECT (ZONE 120)	V00779	(206) 08215 & ON (T206) 08450 & ON	01
	S2353-4	. PIN			01
	S2353-5	. PIN			01
PB018	S2800-274	CONNECTOR - JUNCTION BOX DISCONNECT (ZONE 121)		(206) 08215 & ON (T206) 08450 & ON	01
PC024	S2349-3	CONNECTOR - ELECTRICAL CIRCUIT BREAKER PANEL DISCONNECT		(206) 08215 & ON (T206) 08450 & ON	01
	S2099-3	. CONTACT			03
	S2099-4	. CONTACT	V00779		06
RN001	MS25171-1S	MAGNETO - LEFT (ZONE 120)	V96906	(206) 08215 & ON (T206) 08450 & ON	01
RN002	MS25171-1S	MAGNETO - RIGHT (ZONE 120)	V96906	(206) 08215 & ON (T206) 08450 & ON	01
SI002	C292501-0109	SWITCH - IGNITION (ZONE 224)		(206) 08215 & ON (T206) 08450 & ON	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 03 : Sheet 01 : MAGNETO SYSTEM



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

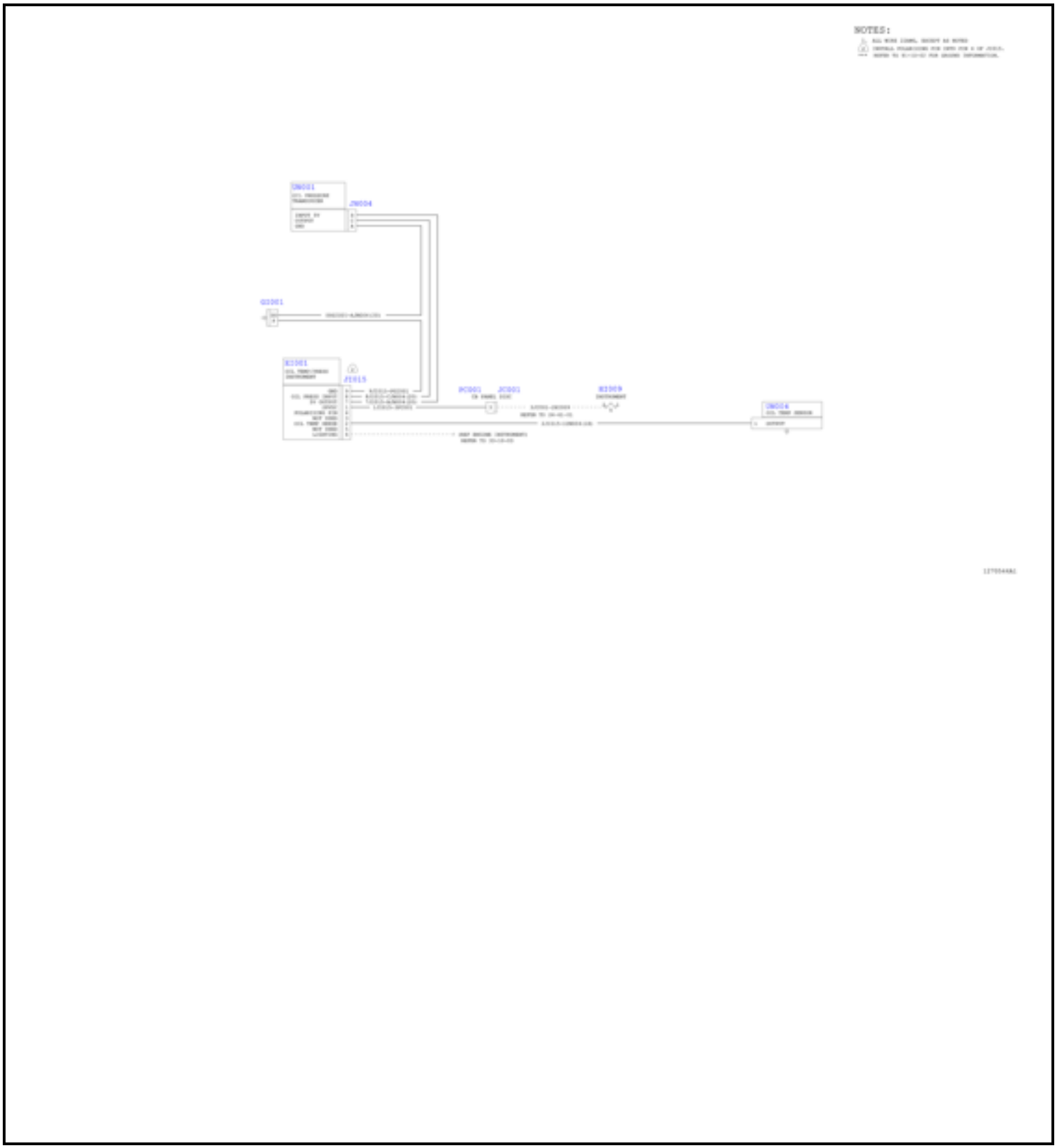
OIL TEMPERATURE/OIL PRESSURE INDICATING

AIRPLANES (206) 08001 & ON AND AIRPLANES (T206) 08001 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
EI001	S3279-1	GAGE - OIL TEMPERATURE/OIL PRESSURE (ZONE 220)		(206) 08001 & ON (T206) 08001 & ON	01
GI001	S2527-1	GROUND STUD FOR SPARES ORDER (MUST REPLACE WITH): S2099-2		(206) 08001 & ON (T206) 08001 & ON	01
	S2099-2	CONTACT		(206) 08001 & ON (T206) 08001 & ON	AR
	200838-2	. BLOCK	V00779		AR
	S2527-3	. CLAMP			AR
	S2099-13	. CONTACT			AR
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		02
	201846-1	. JACKSCREW	V00779		AR
	203618-1	. JACKSCREW	V00779		02
HI009	S1360-5L	CIRCUIT BREAKER - INSTRUMENT LIGHTS (ZONE 224)		(206) 08001 & ON (T206) 08001 & ON	01
JC001	S2349-5	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08001 & ON (T206) 08001 & ON	01
	S1636-2	. CONTACT			AR
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
JI015	S2349-3	CONNECTOR - OIL TEMP/PRESSURE GAUGE (ZONE 220)		(206) 08001 & ON (T206) 08001 & ON	01
	S2099-3	. CONTACT			01
	S2099-4	. CONTACT	V00779		04
	S2414-1	. KEYING PLUG			01
JN004	S2800-277	CONNECTOR - OIL PRESSURE TRANSDUCER (ZONE 120)		(206) 08001 & ON (T206) 08001 & ON	01
PC001	S2350-10	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08001 & ON (T206) 08001 & ON	01
	S2350-4	. CONTACT	V00779		01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
UN001	P165-5281	TRANSDUCER - OIL PRESSURE	V22863	(206) 08001 & ON (T206) 08001 & ON	01
UN004		SENSOR - OIL TEMPERATURE (ZONE 120)			RF

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 01 : Sheet 01 : OIL TEMPERATURE/OIL PRESSURE INDICATING



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

GROUNDS AND CONNECTOR CHARTS - DESCRIPTION AND OPERATION

Index

Ref Des	Mate
GF011	GROUND
GI001	GROUND
GL001	GROUND
GL010	GROUND
GN002	GROUND
GN004	GROUND
GN005	GROUND
GN007	GROUND
GN008	GROUND
GR002	GROUND
GR010	GROUND
GS300	GROUND
GS301	GROUND
GS302	GROUND
GS303	GROUND
GS309	GROUND
GS901	GROUND
GS902	GROUND
GS904	GROUND
GV001	GROUND
J1	PC001
JB017	PB017
JB018	PB018
JC001	PC001
JC002	PC002
JC005	PC005
JC007	PC007
JC008	PC008
JC009	PC009
JC010	PC010
JC011	PC011
JC012	PC012
JC013	PC013
JC015	PC015
JC018	PC018
JC023	PC023
JC024	PC024

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Ref Des	Mate
JC025	PC025
JC026	PC026
JC030	PC030
JC031	PC031
JC032	PC032
JC034	PC034
JC037	PC037
JC522	PC522
JC523	PC523
JC600	PC600
JC800	PC800
JC901	PC901
JF003	PF003
JF800	PF800
JI001	PI001
JI002	PI002
JI003	PI003
JI005	PI005
JI007	PI007
JI008	PI008
JI009	PI009
JI010	PI010
JI011	PI011
JI012	PI012
JI013	PI013
JI014	PI014
JI015	PI015
JI016	PI016
JI017	PI017
JI018	PI018
JI019	PI019
JI021	PI021
JI022	PI022
JI025	PI025
JI026	PI026
JI027	PI027
JI029	PI029
JI031	PI031

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Ref Des	Mate
JI032	PI032
JI033	PI033
JI034	PI034
JI035	PI035
JI036	PI036
JI037	PI037
JI038	PI038
JI042	PI042
JI049	PI049
JI302	PI302
JI303	PI303
JI304	PI304
JI305	PI305
JI306	PI306
JI307	PI307
JI308	PI308
JI309	PI309
JI310	PI310
JI311	PI311
JI312	PI312
JI313	PI313
JI314	PI314
JI315	PI315
JI316	PI316
JI317	PI317
JI332	PI332
JI406	PI406
JI407	PI407
JI506	PI506
JI507	PI507
JI508	PI508
JI510	PI510
JI511	PI511
JI512	PI512
JI513	PI513
JI514	PI514
JI516	PI516
JI517	PI517

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Ref Des	Mate
JI518	PI518
JI519	PI519
JI531	PI531
JI532	PI532
JI533	PI533
JI601	PI601
JI602	PI602
JI603	PI603
JI604	PI604
JI610	PI610
JI700	PI700
JI701	PI701
JI702	PI702
JI703	PI703
JI704	PI704
JI705	PI705
JI706	PI706
JI800	PI800
JI900	PI900
JI901	PI901
JI903	PI903
JJ1	PJ1
JJ2	PJ2
JL002	PL002
JL003	PL003
JL004	PL004
JL005	PL005
JL006	PL006
JL007	PL007
JL008	PL008
JL012	PL012
JL020	PL020
JL021	PL021
JL300	PL300
JL301	PL301
JL302	PL302
JL900	PL900
JM300	PM300

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Ref Des	Mate
JN001	PN001
JN003	PN003
JN004	PN004
JN005	PN005
JN006	PN006
JN009	PN009
JN025	PN025
JN028	PN028
JP1	PP1
JP2	PP2
JP3	PP3
JR001	PR001
JR002	PR002
JR003	PR003
JR004	PR004
JR005	PR005
JR007	PR007
JR010	PR010
JR011	PR011
JR013	PR013
JR020	PR020
JR022	PR022
JR301	PR301
JR302	PR302
JR900	PR900
JR901	PR901
JS300	PS300
JS301	PS301
JS900	PS900
JSI302	PSI302
JT001	PT001
JT005	PT005
JT007	PT007
JT300	PT300
JT301	PT301
JT302	PT302
JT303	PT303
JT304	PT304

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Ref Des	Mate
JT305	PT305
JT307	PT307
JT308	PT308
JT309	PT309
JT311	PT311
JT312	PT312
JT313	PT313
JT315	PT315
JT316	PT316
JT317	PT317
JT401	PT401
JT402	PT402
JT403	PT403
JT405	PT405
JT700	PT700
JT702	PT702
JT703	PT703
JT704	PT704
JT705	PT705
JT706	PT706
JT707	PT707
JT708	PT708
JT710	PT710
JT711	PT711
JT712	PT712
JT800	PT800
JT801	PT801
JT900	PT900
JT905	PT905
JT906	PT906
JT907	PT907
JT908	PT908
JV001	PV001
JV004	PV004
JV005	PV005
JZ905	PZ905
JZ906	PZ906
P1	JI003

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Ref Des	Mate
PB017	JB017
PB018	JB018
PC001	JC001
PC002	JC002
PC005	JC005
PC007	JC007
PC008	JC008
PC009	JC009
PC010	JC010
PC011	JC011
PC012	JC012
PC013	JC013
PC015	JC015
PC018	JC018
PC023	JC023
PC024	JC024
PC025	JC025
PC026	JC026
PC030	JC030
PC031	JC031
PC032	JC032
PC034	JC034
PC037	JC037
PC522	JC522
PC523	JC523
PC600	JC600
PC800	JC800
PC901	JC901
PF003	JF003
PF800	JF800
PF902	GROUND
PF903	GROUND
PI001	JI001
PI002	JI002
PI003	JI003
PI005	JI005
PI006	UI005
PI007	JI007

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Ref Des	Mate
PI008	JI008
PI009	JI009
PI010	JI010
PI011	JI011
PI012	JI012
PI013	JI013
PI014	JI014
PI015	JI015
PI016	JI016
PI017	JI017
PI018	JI018
PI019	JI019
PI021	JI021
PI022	JI022
PI025	JI025
PI026	JI026
PI027	JI027
PI029	JI029
PI031	JI031
PI032	JI032
PI033	JI033
PI034	JI034
PI035	JI035
PI036	JI036
PI037	JI037
PI038	JI038
PI042	JI042
PI049	JI049
PI302	JI302
PI303	JI303
PI304	JI304
PI305	JI305
PI306	JI306
PI307	JI307
PI308	JI308
PI309	JI309
PI310	JI310
PI311	JI311

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Ref Des	Mate
PI312	JI312
PI313	JI313
PI314	JI314
PI315	JI315
PI316	JI316
PI317	JI317
PI332	JI332
PI406	JI406
PI407	JI407
PI506	JI506
PI507	JI507
PI508	JI508
PI509	GROUND
PI510	JI510
PI511	JI511
PI512	JI512
PI513	JI513
PI514	JI514
PI516	JI516
PI517	JI517
PI518	JI518
PI519	JI519
PI531	JI531
PI532	JI532
PI533	JI533
PI601	JI601
PI602	JI602
PI603	JI603
PI604	JI604
PI610	JI610
PI700	JI700
PI701	JI701
PI702	JI702
PI703	JI703
PI704	JI704
PI705	JI705
PI706	JI706
PI800	JI800

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Ref Des	Mate
PI900	JI900
PI901	JI901
PI903	JI903
PJ1	JJ1
PJ2	JJ2
PL002	JL002
PL003	JL003
PL004	JL004
PL005	JL005
PL006	JL006
PL007	JL007
PL008	JL008
PL012	JL012
PL020	JL020
PL021	JL021
PL300	JL300
PL301	JL301
PL302	JL302
PL900	JL900
PM300	JM300
PN001	JN001
PN003	JN003
PN004	JN004
PN005	JN005
PN006	JN006
PN009	JN009
PN025	JN025
PN028	JN028
PP1	JP1
PP2	JP2
PP3	JP3
PR001	JR001
PR002	JR002
PR003	JR003
PR004	JR004
PR005	JR005
PR007	JR007
PR010	JR010

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Ref Des	Mate
PR011	JR011
PR013	JR013
PR020	JR020
PR022	JR022
PR301	JR301
PR302	JR302
PR900	JR900
PR901	JR901
PS300	JS300
PS301	JS301
PS900	JS900
PSI302	JSI302
PT001	JT001
PT005	JT005
PT007	JT007
PT300	JT300
PT301	JT301
PT302	JT302
PT303	JT303
PT304	JT304
PT305	JT305
PT307	JT307
PT308	JT308
PT309	JT309
PT311	JT311
PT312	JT312
PT313	JT313
PT314	UT314
PT315	JT315
PT316	JT316
PT317	JT317
PT401	JT401
PT402	JT402
PT403	JT403
PT405	JT405
PT700	JT700
PT702	JT702
PT703	JT703

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Ref Des	Mate
PT704	JT704
PT705	JT705
PT706	JT706
PT707	JT707
PT708	JT708
PT710	JT710
PT711	JT711
PT712	JT712
PT800	JT800
PT801	JT801
PT900	UT900
PT902	GROUND
PT903	GROUND
PT904	GROUND
PT905	JT905
PT906	JT906
PT907	JT907
PT908	JT908
PV001	JV001
PV004	JV004
PV005	JV005
PZ905	JZ905
PZ906	JZ906
SI009	JC026
U508	PI508
U516	PI516
UC001	PC013
UC800	PC800
UI005	PI006
UI303	PI304
UI304	PI304
UI307	PI307
UI308	PI308
UI309	PI309
UI312	PI312
UI313	PI313
UI406	PI406
UI507	PI507

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Ref Des	Mate
UI508	PI508
UI511	PI511
UI512	PI512
UI516	PI516
UI517	PI517
UI519	PI519
UI531	PI531
UI532	PI532
UI604	PI604
UI700	PI700
UI701	PI701
UI704	PI704
UI705	PI705
UI800	PI800
UT302	PT302
UT303	PT303
UT304	PT304
UT305	PT305
UT307	PT307
UT311	PT311
UT314	PT314
UT317	PT317
UT900	PT900

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

STANDARD PRACTICES AND STRUCTURES - GENERAL

1. General

A. Chapter 51 describes general repair practices, materials and procedures which are applicable throughout the subsequent chapters. This chapter also provides general information for performing any structural repairs.

B. Unless otherwise specified, all dimensions are in inches; forces are in pounds and torques are in inch-pounds.

C. The airplanes are of an all metal, semimonocoque construction, with the skin carrying a portion of all structural loads.

D. To obtain information covering dimensions, areas and stations diagrams, refer to current appropriate Model 172, Model 182 or Model 206 Maintenance Manual, Chapter 6, Dimensions and Areas.

E. For information covering leveling and weighing, refer to current appropriate Model 172, Model 182 or Model 206 Maintenance Manual, Chapter 8, Leveling and Weighing.

2. Description

A. The fuselage is of conventional semimonocoque construction. Construction consists of formed bulkheads, longitudinal stringers, reinforcing channels, and skin panels.

B. The wings are of an all metal, strut-braced, semimonocoque construction, utilizing two spars. Each wing consists of a wing panel with an integral fuel bay, an aileron and a flap.

C. The empennage group is of a fully cantilevered design and consists of a conventional rudder and elevator configuration. The horizontal stabilizer is of one-piece construction, consisting of spars, ribs, and skins. Elevators are constructed of spars, ribs, and skin panels. The skin panels are riveted to the ribs and spars. A balance weight is located in the outboard end of each elevator, forward of the hinge line. An elevator trim tab is attached to the right hand elevator and is constructed of a spar, ribs, and skin, riveted together. The vertical stabilizer is constructed of a forward and aft spar, ribs, and skin. The rudder is constructed of spars, ribs, and skin panels.

D. The main landing gear consists of 6150M alloy spring-steel, cantilevered with attaching parts of high-strength 7075-T73 aluminum alloy forgings. Nose gear components are 4130 alloy steel and 7075-T73 aluminum alloy forgings.

E. The engine mount is constructed of welded 4130 steel tubing on the 172 and 182. The 206 has a built-up aluminum sheet metal engine mount.

F. The removable engine cowling is made of 2024 Alclad secured with quarter turn fasteners.

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

DAMAGE INVESTIGATION AND CLASSIFICATION

1. General

A. For the purposes of this manual, damage is considered to be a deviation from the original configuration of a structural part that compromises its structural integrity by significantly reducing its strength, significantly decreasing its resistance to fatigue, significantly increasing its susceptibility to corrosion, significantly altering its flutter characteristics, or adversely affecting the flight characteristics of the airplane. This can include - but is not limited to - scratches, dents, dings, gouges, cracks, drill starts, double drilled holes, plastic deformation, reduction in cross-sectional areas, changes in component center-of-gravity, missing or inadequate fasteners, corrosion, dissimilar metal contact, work hardening, temper change due to excessive heat, and so forth.

B. Use good judgment in determining the type of significant change to flat stock structural material. The terms, dent, crease, abrasion, gouge, nick, scratch, crack and corrosion, referred to elsewhere in the manual, are defined below as a guide for this determination, particularly with respect to the external skin of the airplane:

(1) Dent - A dent is normally a damaged area which is depressed with respect to its normal contour. There is no cross sectional area change in the material. Area boundaries are smooth. Its form is generally the result of contact with a relatively smoothly contoured object.

NOTE: A dent-like form of damage to skin may be the result of the peening action of a smoothly contoured object contacting it. If the inner surface of skin shows no contour change, consider that such damage results in a local cross sectional area change.

(2) Crease - A damaged area which is depressed or folded back upon itself in such a manner that its boundaries are sharp or well defined lines or ridges. Consider it to be the equivalent of a crack.

(3) Abrasion - An abrasion is a damaged area of any size which results in a cross sectional area change due to scuffing, rubbing, scraping or other surface erosion. It is usually rough and irregular.

(4) Gouge - A gouge is a damaged area of any size, which results in a cross sectional area change. It is usually caused by contact with a relatively sharp object which produces a continuous, sharp or smooth channel-like groove in the material.

(5) Nick - A nick is a local gouge with sharp edges. Consider a series of nicks, in a line pattern to be the equivalent of a gouge.

(6) Scratch - A scratch is a line of damage of any depth in the material and results in a cross sectional area change. It is usually caused by contact with a very sharp object.

(7) Crack - A crack is a partial fracture or complete break in the material with the most significant cross sectional area change. In appearance, it is usually an irregular line and is normally the result of fatigue failure.

(8) Corrosion - Corrosion, due to a complex electrochemical action, is a damaged area of any size and depth which results in a cross sectional area change. Depth of such pitting damage must be determined by a cleanup operation. Damage of this type may occur on surfaces of structural elements. Refer to Corrosion and Corrosion Control, Section 51-11-00.

C. Use good sense and proper visual measurement in the determination of significant cross sectional area changes of both depth and length of any type (or combinations) of damage mentioned above.

2. Damage Investigation

A. After a thorough cleaning of the damaged area, all structural parts should be carefully examined to determine the extent of damage. Frequently, the force causing the initial damage is transmitted from one member to the next, causing strains and distortions. Abnormal stresses incurred by shock or impact forces on a rib, bulkhead, or similar structure, may be transmitted to the extremity of the structural member, resulting in secondary damage, such as sheared or stretched rivets, elongated bolt holes, or canned skins or bulkheads. Points of attachment should be examined carefully for distortion and security of fastenings in the primary and secondary damaged areas at locations beyond the local damage. This is particularly true with wing tip, horizontal stabilizer tip, or vertical fin tip damage. If the damage is due to an aft load, the rear spars should be checked for indications of compression damage for the full length, including the fuselage components.

3. Damage Classification

A. Damage to the airplane can be divided into three major categories: negligible damage, repairable damage, and major replacement damage. These categories are intended to provide the mechanic with some general guidelines to use in determining the extent and criticalness of any damage. Obviously, there will be some overlapping between categories, and common sense should be used in determining the final action to be taken with regard to any damage.

(1) For damage criteria of specific structure (wings, fuselage, and so forth), refer to applicable chapters within this repair manual.

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

4. Refinishing Damaged Areas Following Repairs

A. Areas of structure which are damaged and then repaired in the field, must be refinished to restore the original paint and corrosion protectant properties to factory standards. Refer to applicable airplane Maintenance Manual, Chapter 20, Exterior Finish - Cleaning/Painting, for refinishing procedures and required materials.

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

CORROSION AND CORROSION CONTROL - GENERAL

1. General

A. Corrosion is a natural phenomenon which destroys metal by chemical or electrochemical action and converts it to a metallic compound such as an oxide, hydroxide, or sulfate. All metals used in airplane construction are subject to corrosion. If exposed, attack may take place over an entire metal surface. It may penetrate a surface at random forming deep pits or may follow grain boundaries. Corrosion may be accentuated by stresses from external loads or from lack of homogeneity in the metallic structure or from improper heat treatment. It is promoted by contact between dissimilar metals or with materials which absorb moisture such as wool, rubber, felt, dirt, and so forth.

NOTE: For additional information on corrosion control for aircraft, refer to the FAA Advisory Circular No. 43-4.

(1) Refer to Figure 1 for a simplified illustration of the conditions which must exist for electrochemical corrosion to occur.

(a) There must be a metal that corrodes and acts as the anode.

(b) There must be a less corrodible metal that acts as the cathode

(c) There must be a continuous liquid path between the two metals which acts as the electrolyte, usually condensation and salt or other contamination.

(d) There must be a conductor to carry the flow of electrons from the cathode to the anode. This conductor is usually in the form of a metal-to-metal contact (rivets, bolts, welds, etc.)

(2) The elimination of any one of the four conditions described above will stop the corrosion reaction process as shown in Figure 1.

(3) One of the best ways to eliminate one of the four described conditions is to apply an organic film (such as paint, grease, plastic, etc.) to the surface of the metal affected. This will prevent the electrolyte from connecting the cathode to the anode, and since current cannot flow, it prevents corrosive reaction.

(4) At normal atmospheric temperatures, metals do not corrode appreciably without moisture, but the moisture in the air is usually enough to start corrosive action.

(5) When components and systems constructed of many different types of metals must perform under various climatic conditions, corrosion becomes a complex problem. The presence of salts on metal surfaces (from sea coast operation) greatly increases the electrical conductivity of any moisture present and accelerates corrosion.

(6) Other environmental conditions which contribute to corrosion are:

(a) Moisture collecting on dirt particles.

(b) Moisture collecting in crevices between lap joints, around rivets, bolt, and screws.

2. Types of Corrosion

A. Direct Surface Attack.

(1) The most common type of general surface corrosion results from direct reaction of a metal surface with oxygen in the atmosphere. Unless properly protected, steel will rust and aluminum and magnesium will form oxides. The attack may be accelerated by salt spray or salt bearing air, by industrial gasses, or by engine exhaust gasses.

B. Pitting.

(1) While pitting can occur in any metal, it is particularly characteristic of passive materials such as alloys of aluminum, nickel, and chromium. It is first noticeable as a white or gray powdery deposit similar to dust, which blotches the surface. When the deposits are cleaned away, tiny pits can be seen in the surface.

C. Dissimilar Metal Corrosion.

(1) When two dissimilar metals are in contact and are connected by an electrolyte (continuous liquid or gas path), accelerated corrosion of one of the metals occurs. The most easily oxidized surface becomes the anode and corrodes. The less active member of the couple becomes the cathode of the galvanic cell. The degree of attack depends on the relative activity of the two surfaces; the greater the difference in activity, the more severe the corrosion. Relative activity in descending order is as follows:

(a) Magnesium and its alloys.

(b) Aluminum alloys 1100, 3003, 5052, 6061, 220, 355, 356, cadmium, and zinc.

(c) Aluminum alloys 2014, 2017, 2024, and 7075.

(d) Iron, lead, and their alloys (except stainless steel).

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

(e) Stainless steels, titanium, chromium, nickel, copper, and their alloys.

(f) Graphite (including dry film lubricants containing graphite).

D. Intergranular Corrosion.

(1) Selective attack along the grain boundaries in metal alloys is referred to as intergranular corrosion. It results from lack of uniformity in the alloy structure. It is particularly characteristic of precipitation hardened alloys of aluminum and some stainless steels. Aluminum extrusions and forgings in general may contain nonuniform areas, which in turn may result in galvanic attack along the grain boundaries. When attack is well advanced, the metal may blister or delaminate which is referred to as exfoliation.

E. Stress Corrosion.

(1) This results from the combined effect of static tensile stresses applied to a surface over a period of time. In general, cracking susceptibility increases with stress, particularly at stresses approaching the yield point, and with increasing temperature, exposure time, and concentration of corrosive ingredients in the surrounding environment. Examples of parts which are susceptible to stress corrosion cracking are aluminum alloy bell cranks, landing gear shock struts with pipe thread-type grease fittings, clevis points, and shrink fits.

F. Corrosion Fatigue.

(1) This is a type of stress corrosion resulting from the cyclic stresses on a metal in corrosive surroundings. Corrosion may start at the bottom of a shallow pit in the stressed area. Once attack begins, the continuous flexing prevents repair of protective surface coating or oxide films and additional corrosion takes place in the area of stress.

3. Typical Corrosion Areas

A. This section lists typical areas of the airplane which are susceptible to corrosion. These areas should be carefully inspected at periodic intervals to detect corrosion as early as possible.

(1) Engine Exhaust Trail Areas.

(a) Gaps, seams, and fairings on the lower fuselage, aft of the engine exhaust pipe(s) are typical areas where deposits may be trapped and not reached by normal cleaning methods.

(b) Around rivet heads, skin laps and inspection covers on the airplane lower fuselage aft of the engine exhaust pipe(s) should be carefully cleaned and inspected.

(2) Battery Box and Battery Vent Opening.

(a) The battery, battery cover, battery box, and adjacent areas, especially areas below the battery box where battery electrolyte may have seeped, are particularly subject to corrosive action. If spilled battery electrolyte is neutralized and cleaned up at the same time of spillage, corrosion can be held to a minimum by using a baking soda solution to neutralize the lead acid-type battery electrolyte. If baking soda is not available, flood the area with water.

(3) Stainless Steel control cables.

(a) Checking for corrosion on control cables is normally accomplished during the preventative maintenance check. During preventative maintenance, broken wire and wear of the control cable is also checked.

(b) If the surface of the cable is corroded, carefully force the cable open by reverse twisting and visually inspect the interior. Corrosion on the interior strands of the cable constitutes failure and the cable must be replaced. If no internal corrosion is detected, remove loose external rust and corrosion with a clean, dry, coarse-weave rag or fiber brush.

NOTE: Do not use metallic wools or solvents to clean installed cables. Use of metallic wool will embed dissimilar metal particles in the cables and create further corrosion. Solvents will remove internal cable lubricant, allowing cable strands to abrade and further corrode.

(c) After thorough cleaning of the exterior cable surface, apply a light coat of lubricant (VV-L-800) to the external cable surface.

4. Corrosion Detection

A. The primary means of corrosion detection is visual, but in situations where visual inspection is not feasible, other techniques must be used. The use of liquid dye penetrants, magnetic particle, X-ray, and ultrasonic devices can be used, but most of these sophisticated techniques are intended for the detection of physical flaws within metal objects rather than the detection of corrosion.

(1) Visual Inspection.

(a) A visual check of the metal surface can reveal the signs of corrosive attack, the most obvious of which is a corrosive

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

deposit. Corrosion deposits of aluminum or magnesium are generally a white or grayish-white powder, while the color of ferrous compounds varies from red to dark reddish-brown.

1 The indications of corrosive attack are small localized discoloration of the metal surface. Surfaces protected by paint or plating may only exhibit indications of more advanced corrosive attack by the presence of blisters or bulges in the protective film. Bulges in lap joints are indications of corrosive buildup which is well advanced.

2 In may cases, because the inspection area is obscured by structural members, equipment installations, or for other reasons, it is awkward to check visually. In such cases, mirrors, boroscopes, or like devices must be used to inspect the obscured areas. Any means which allows a thorough inspection can be used. Magnifying glasses are valuable aids for determining whether or not all corrosion products have been removed during cleanup operations.

(2) Liquid Dye Penetrant Inspection.

(a) Inspection for large stress-corrosion or corrosion fatigue cracks on nonporous or nonferrous metals may be accomplished using dye penetrant processes. The dye applied to a clean metallic surface will enter small openings or cracks by capillary action. After the dye has an opportunity to be absorbed by any surface discontinuities, the excess dye is removed and a developer is applied to the surface. The developer acts like a blotter to draw the dye from cracks or fissures back to the surface, giving visible indication of any fault that is present on the surface. The magnitude of the fault is indicated by the quantity of dye brought back to the surface by the developer.

5. Corrosion Damage Limits

A. Following cleaning and inspection of the corroded area, the actual extent of the damage may be evaluated using the following general guidelines and sound maintenance judgement.

(1) Determine the degree of corrosion damage (light, moderate, or severe) with a dial-type depth gage, if accessibility permits. If the area is inaccessible, clay impressions, or any other means which will give accurate results, should be used. In the event the corrosion damage is severe or worse, contact Cessna Propeller Aircraft Product Support, P.O. Box 7706, Wichita, KS 67277 USA, for assistance.

(2) Light Corrosion.

(a) Characterized by discoloration or pitting to a depth of approximately 0.001 inch maximum.

(3) Moderate Corrosion.

(a) Appears similar to light corrosion except there may be blistering or some evidence of scaling or flaking. Pitting depths may be as deep as 10 percent of the material thickness.

(4) Severe Corrosion.

(a) General appearance may be similar to moderate corrosion with severe blistering exfoliation and scaling or flaking. Pitting depths may be as deep as 15 percent of the material thickness. This type of damage is normally repaired by complete part replacement, but patches or other types of repair may be available. Contact Cessna Propeller Aircraft Product Support, P.O. Box 7706, Wichita, KS 67277 USA, for assistance.

6. Corrosion Removal

A. The following methods are provided as an aid in determining the correct method for corrosion removal.

(1) Standard Methods

(a) Several standard methods are available for corrosion removal. The method normally used to remove corrosion are chemical treatments, hand sanding with aluminum oxide or metal wool that is of similar material to the surface being treated, and mechanical sanding or buffing with abrasive mats or grinding mats. The method used depends on the metal and the degree of corrosion. Select appropriate materials from the abrasives chart as illustrated in Figure 2.

(2) Aluminum and Aluminum Alloys.

(a) Most formed aluminum parts and skins of this airplane consist of various gauges of sheet 2024-T3 and 2024-T42 Alclad. Alclad is formed by laminating a thin layer of relatively pure aluminum, one to five mils thick, over the higher strength base alloy surface. Since pure aluminum has relatively greater corrosion resistance than the stronger alloy, it is imperative the clad surface be maintained intact to the maximum extent possible and to avoid unnecessary mechanical removal of the protective coating. In addition, aluminum parts receive a chemical conversion coating and are then epoxy-primed.

1 Clean area to be reworked. Strip paint as required.

2 To determine the extent of corrosion damage refer to Corrosion Damage Limits.

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

3 Remove light corrosion by light hand sanding.

4 Mechanically remove moderate or severe corrosion by hand scraping with a carbide-tipped scraper or fine-fluted rotary file.

5 Remove residual corrosion by hand sanding. Select appropriate abrasive from Figure 2.

6 Blend into surrounding surface any depressions resulting from rework and surface finish with 400 grit abrasive paper.

7 Clean reworked area.

8 Determine depth of faired depressions to ensure that rework limits have not been exceeded.

9 Chemically conversion-coat rework area.

10 Restore original finish (epoxy prime).

(3) Steel.

(a) Unlike some other metal oxides, the red oxide of steel (rust) will not protect the underlying base metal. The presence of rust actually promotes additional attack by attracting moisture from the air and acting as a catalyst in causing additional corrosion to take place. Light red rust on bolt heads, hold-down nuts, and other nonstructural hardware is generally not dangerous. However, it is indicative of a general lack of maintenance and possible attack in more critical areas, such as highly stressed steel landing gear components and flight control surface actuating components. When paint failures occur or mechanical damage exposes highly stressed steel surfaces to the atmosphere, even small amounts of rusting are potentially dangerous and must be removed. The most practical means of controlling corrosion of steel is the complete removal of the corrosion products by mechanical means. Except on highly stressed steel surfaces, the use of abrasive papers, small power buffers and buffing compounds, and wire brushes are acceptable for clean up procedures. However, residual rust usually remains in the bottom of small pits and crevices.

1 Clean area to be reworked.

2 Strip paint as required.

3 Remove all degrees of corrosion from steel parts using a stainless steel hand brush or hand operated power tool. Alternatively, use dry abrasive blasting process.

4 Remove residual corrosion by hand sanding.

5 After removing all corrosion visible through a magnifying glass, fair depression resulting from rework and finish with 400-grit abrasive paper.

6 Clean reworked area.

7 Determine depth of rework area to ensure rework limits are not exceeded.

8 Prime using rust-inhibitive primer within one hour of rework.

9 Reapply finish topcoat if required.

7. Control of Corrosion on Landing Gear Springs

A. General

(1) The main landing gear springs are made from high strength steel that is shot peened on the lower surface to increase the fatigue life of the part.

(2) The shot peened layer is between 0.010 and 0.020 inch thick.

(3) If the protective layer of paint is chipped, scratched or worn away the steel may corrode (rust).

(a) If the corrosion pit depth is greater than the thickness of the shot peen layer, the gear spring fatigue life will be greatly reduced.

(4) Operation from unimproved surfaces increases the likelihood of damage.

B. Corrosion removal and repair.

(1) If damage to the paint finish of the landing gear spring is found, examine the damage area for signs of corrosion (red rust).

WARNING: High strength steel parts are very susceptible to hydrogen embrittlement. Acidic solutions, such as rust removers and paint strippers have been found to cause hydrogen embrittlement. Hydrogen embrittlement is an undetectable, time delayed process. Since the process is time delayed, failure may occur after the part is returned to service. The only reliable way to prevent hydrogen embrittlement is not to use chemical rust removers or paint strippers on landing gear springs.

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

(2) Carefully remove any rust by light sanding.

(a) The sanding should blend the damage into the surrounding area in an approximate 20:1 ratio.

EXAMPLE: An 0.005 inch pit must be blended to a 0.10 inch radius or 0.20 inch diameter.

(b) Make sure the final sanding marks are along an inboard to outboard direction, or along the long dimension of the spring.

(3) After the sanding is complete, measure the depth of the damage removal.

(a) Make sure the depth of the damage is not more than 0.010 to 0.012 inch deep and has not penetrated the shot peen layer.

(4) If the shot peened layer has been penetrated, the gear spring must be removed and sent to an approved facility to be re-shot peened.

(a) The shot peen specification is to be Almen intensity of 0.007C to 0.010C using 330 steel shot.

(b) Shot peen only the repaired area.

(5) After the spring is installed, refinish any damaged or removed finish paint.

NOTE: Additional information regarding corrosion control can be found in AC-43-4, Chapter 6, or AC43.13-1B Chapter 6.

C. Axle bolt hole corrosion.

(1) Operation of an airplane on skis increases the loads on the lower part of the gear spring because of the unsymmetrical and twisting loads.

(a) The increased loads have produced spring fractures that originate from pits in the axle attach holes.

1 Catastrophic failures have occurred from fatigue cracks as small as 0.003 to 0.010 inch long that originated at pits.

(b) Although operation on skis causes more loads, the criteria applies to all airplanes.

(2) There is no acceptable damage depth for pits that develop in the axle bolt holes. If pits or corrosion is found it must be removed by reaming, subject to the following limitations:

(a) Remove the minimum material required to clean up the damage.

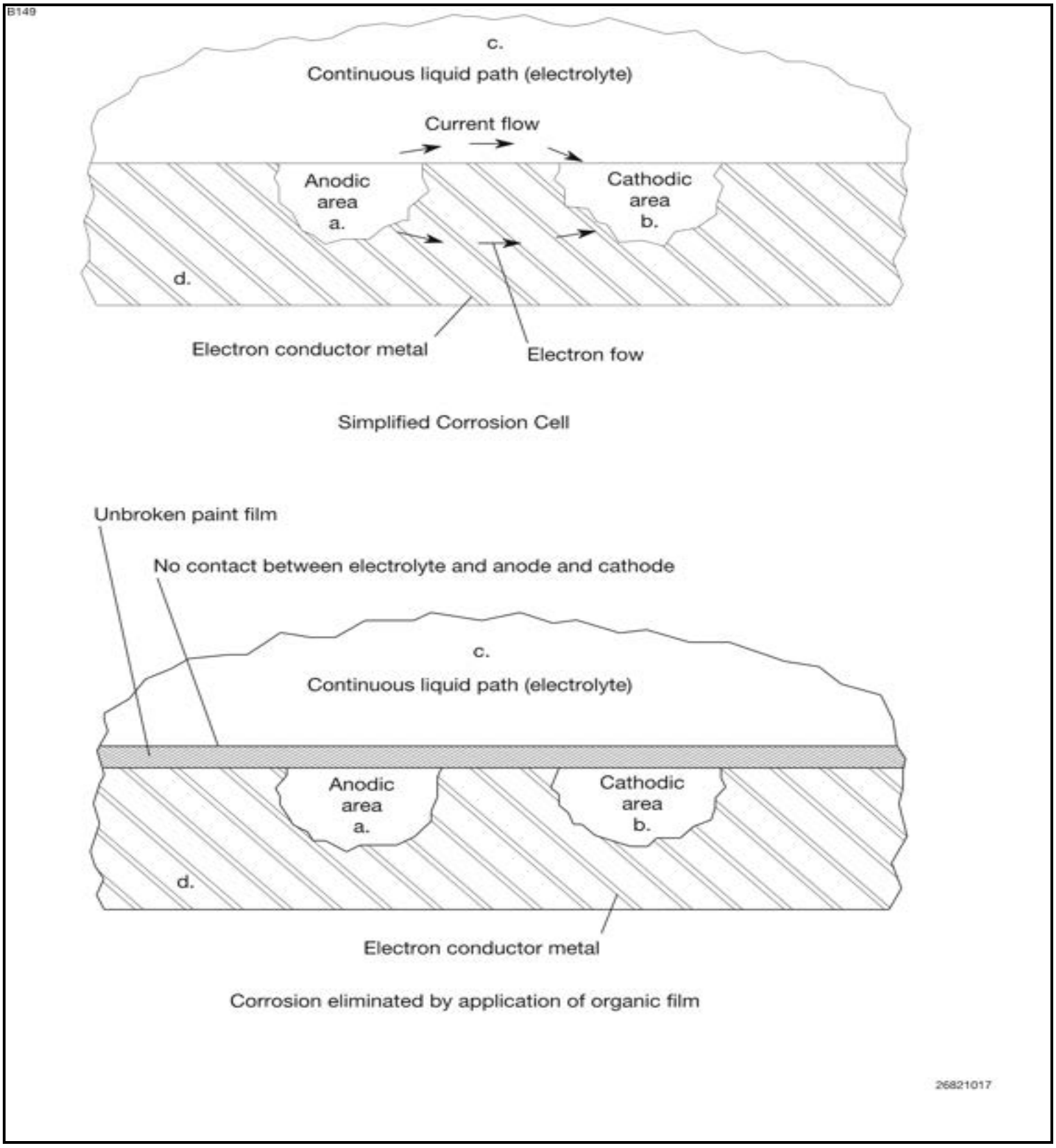
(b) Make sure the diameter of the axle attachment holes is 0.383 inches maximum for 3/8 inch bolts.

(c) Make sure the diameter of the axle attachment holes is 0.321 inches maximum for 5/16 inch bolts.

(d) If reaming to the maximum dimension does not remove all signs of corrosion, discard the landing gear spring.

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 1 : Sheet 1 : Corrosion Identification



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 2 : Sheet 1 : Abrasives for Corrosion Removal

B150

Metals or Materials to be Processed	Restrictions	Operation	Abrasive Paper or Cloth			Abrasive Fabric or Pad	Alum-inum	Stain-less Steel	Pumice 350 Mesh or Finer	Abrasive Wheel
			Alum-inum Oxide	Silicon Carbide	Garnet					
Ferrous Alloys	Does Not Apply to Steel Heat-Treated to Strengths to 220,000 psi and Above	Corrosion Removal or Fairing	150 Grit or Finer	180 Grit or Finer		Fine to Ultra-Fine	x	x	x	x
		Finishing	400				x	x	x	
Aluminum Alloys Except Clad Aluminum	Do Not Use Silicon Carbide Abrasive	Corrosion Removal or Fairing	150 Grit or Finer		7/0 Grit or Finer	Very Fine and Ultra-Fine	x		x	x
		Finishing	400				x		x	
Clad Aluminum	Sanding Limited to the Removal of Minor Scratches	Corrosion Removal or Fairing	240 Grit or Finer		7/0 Grit or Finer	Very Fine and Ultra-Fine			x	x
		Finishing	400						x	
Magnesium Alloys		Corrosion Removal or Fairing	240 Grit or Finer			Very Fine and Ultra-Fine	x		x	x
		Finishing	400				x		x	

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

REPAIR MATERIALS

1. General

A. This section provides information covering the materials used for repairs.

2. Repair Materials

A. In general, materials used in the airplane include 2024 and 7075 aluminum alloys. Sheet material requiring little or no forming will generally be of 2024-T3 clad aluminum. Formed parts, such as ribs, bulkheads, etc., will be of 2024-T42 clad aluminum. Forgings are of 7075-T73. Materials used in repairs should be, where possible, of the same material and heat treated to the same temper. The thickness should be equal to or greater than the material being repaired unless otherwise noted. If the type of material cannot be readily determined and the forming required is not severe, 2024-T3 may be used generally, since the strength of -T3 is greater than that of -T4 or -T42 (-T4 and -T42 may be used interchangeably, but they may not be substituted for -T3). When it is necessary to form a part with a smaller bend radius than the standard bend radius for 2024-T3 or 2024-T4, use 2024-0, and then heat treat to 2024-T42 after forming. In the event that the original temper was -T3, it may be necessary to increase the material thickness sufficiently to provide strength equivalent to that of the original part. It is often practical to cut repair pieces from service parts listed in the parts catalog. Steel sheet material for reinforcement is 4130 steel heat treated to a minimum of 90,000 pounds per square inch. The firewall is annealed stainless steel sheet.

3. Extrusions and Formed Sections

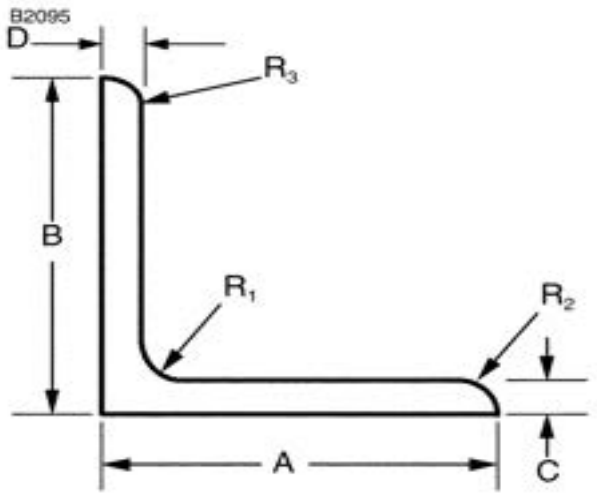
A. (Refer to Figure 1.) This section provides information on extrusions and formed sections. It also provides details of equivalent built up sections for extrusions. Alternative materials are provided for equivalent sections and formed sections.

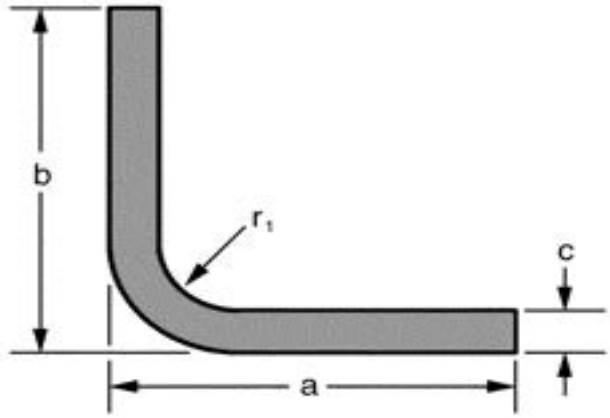
B. Use of equivalent built up sections for extrusions are to be utilized only when the proper extrusions are not available. They are intended to be cold formed from raw stock in sheet forms that have already been heat treated to the required condition. But when workability is required, the parts may be formed from 2024-0 aluminum and then heat treated to the -T42 condition before installation. When forming the section, care must be taken to ensure that the bend radii and the cross section areas are not reduced below the minimum shown in the diagrams. In some cases, equivalent sections are not given because it is impractical to build them from sheet stock.

C. Illustrated Parts Catalogs do not identify the standard shape from which parts are fabricated. Detailed measurements of damaged areas are required to determine the standard section from which parts are fabricated.

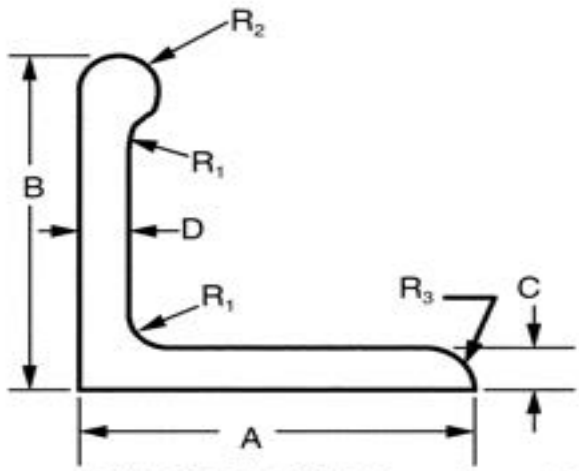
Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

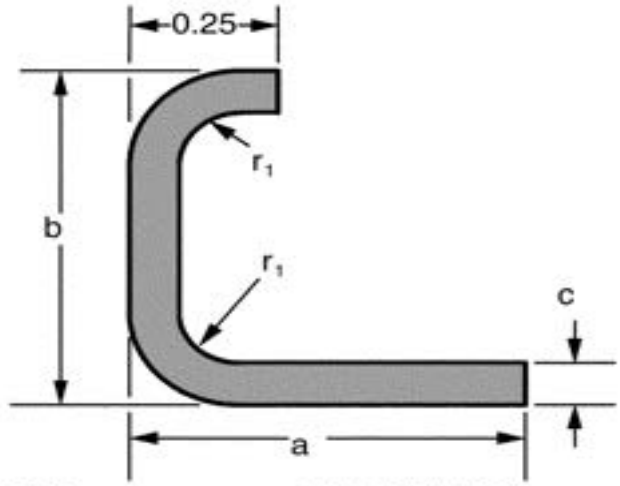
Figure 1 : Sheet 1 : Extrusions and Formed Sections





STD. SHAPE	EXTRUDED ANGLE MATERIAL	ORIGINAL MATERIAL A	B	C	D	R_1	R_2	R_3	SUBSTITUTION 2024 SHEET a	b	c	r_1
S-85	2024-T3511	0.625	0.625	0.045	0.045	0.060	0.045	0.045	0.625	0.625	0.040	0.050
S-97	2024-T3511	0.875	0.875	0.063	0.063	0.094	0.063	0.063	0.875	0.875	0.063	0.125
S-107	2024-T3511	1.000	0.750	0.062	0.062	0.060	0.031	0.031	1.000	0.750	0.063	0.075
S-111	2024-T3511	0.750	0.750	0.094	0.094	0.125	0.094	0.094	0.750	0.750	0.090	0.125
S-125	2024-T3511	0.750	0.625	0.062	0.062	0.062	0.031	0.031	0.750	0.625	0.063	0.100
S-174	2024-T3511	1.000	1.000	0.062	0.062	0.062	0.031	0.031	1.000	1.000	0.063	0.100
S-376	2024-T3511	0.875	0.750	0.063	0.063	0.125	0.063	0.063	0.875	0.750	0.063	0.100
S-1111	2024-T3511	0.750	0.750	0.050	0.050	0.050	0.025	0.025	0.750	0.750	0.050	0.050

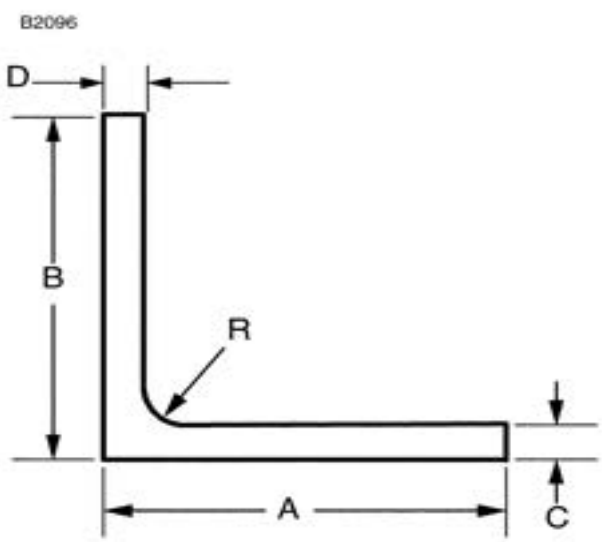


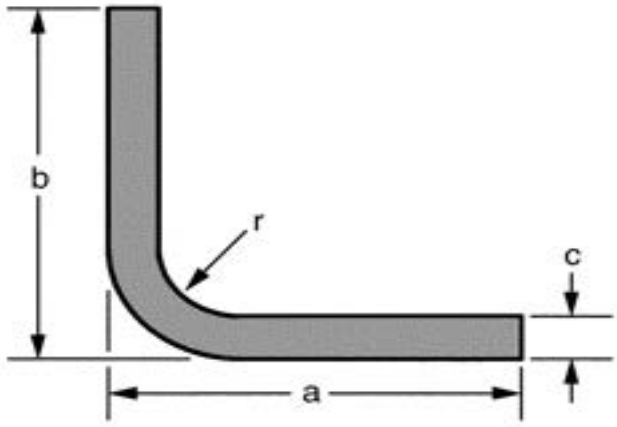


STD. SHAPE	EXTRUDED ANGLE MATERIAL	ORIGINAL MATERIAL A	B	C	D	R_1	R_2	R_3	SUBSTITUTION 2024 SHEET a	b	c	r_1
S-81	2024-T3511	0.600	0.650	0.045	0.045	0.060	0.060	0.000	0.600	0.650	0.050	0.120
S-86	2024-T3511	0.750	0.562	0.051	0.051	0.060	0.060	0.000	0.750	0.562	0.063	0.160
S-95	2024-T3511	0.800	0.800	0.050	0.050	0.062	0.060	0.000	0.800	0.800	0.063	0.160
S-1969-1	2024-T3511	0.625	0.813	0.050	0.050	0.075	0.075	0.050	0.625	0.813	0.063	0.160

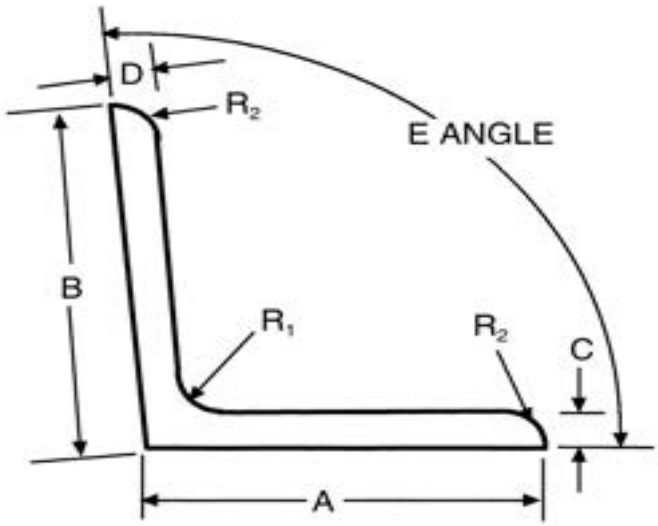
Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

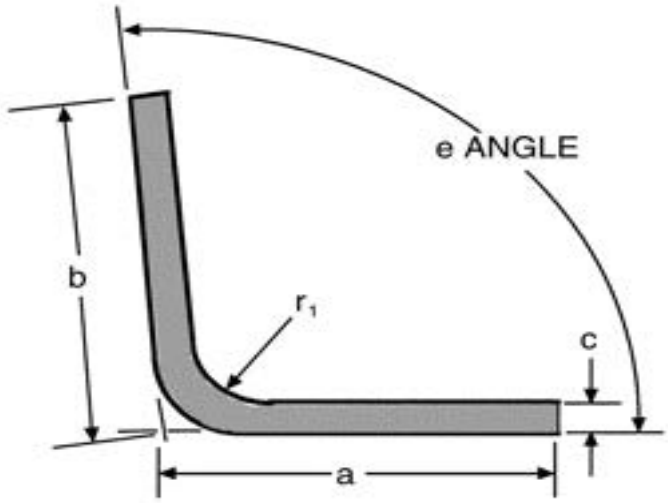
Figure 1 : Sheet 2 : Extrusions and Formed Sections





STD. SHAPE	EXTRUDED ANGLE MATERIAL	ORIGINAL MATERIAL A	B	C	D	R	SUBSTITUTION 2024 SHEET a	b	c	r
S-109	2024-T3511	0.500	0.500	0.050	0.050	0.050	0.500	0.500	0.050	0.120



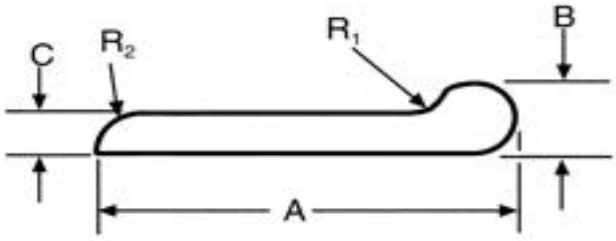


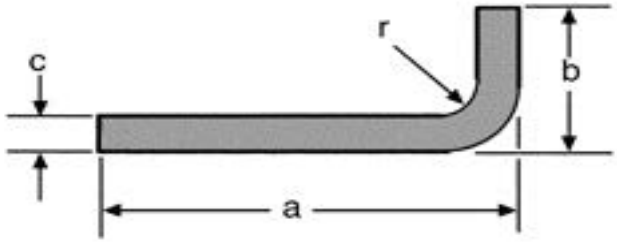
STD. SHAPE	EXTRUDED ANGLE MATERIAL	ORIGINAL MATERIAL A	B	C	D	R_1	R_2	E	SUBSTITUTION 2014 SHEET a	b	c	r_1	e
S-214	2024-T3511	1.000	1.000	0.125	0.125	0.125	0.094	95°45′	1.000	1.000	0.125	0.125	95°45′

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 1 : Sheet 3 : Extrusions and Formed Sections

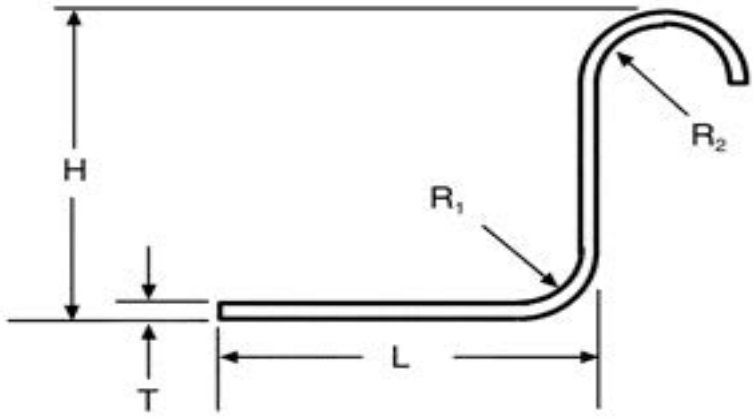
B2097





EXTRUDED BULB BAR — ORIGINAL MATERIAL — SUBSTITUTION 2024 SHEET

STD. SHAPE	MATERIAL	A	B	C	R_1	R_2	a	b	c	r
S-211	2024-T3511	1.450	0.250	0.125	0.125	0.125	1.450	0.250	0.125	0.125

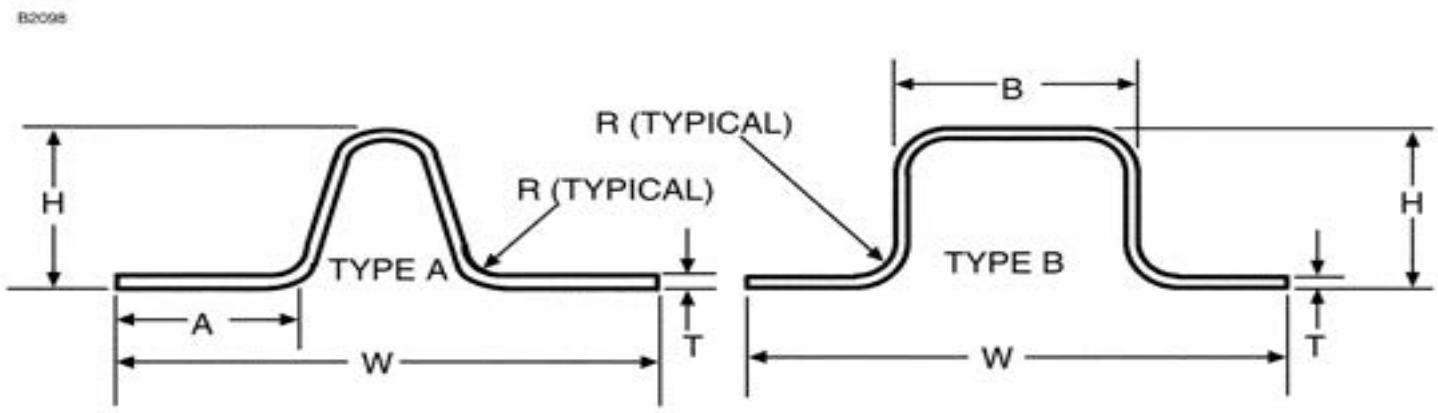


ROLLED J-SECTIONS — DIMENSIONS (INCHES) — MATERIAL: 2024-T3 OR T4 CLAD ALUMINUM ALLOY

STD. SHAPE	T	L	H	R_1	R_2	AREA (SQ. INCHES)
S-49	0.032	0.750	0.620	0.125	0.125	0.0500
S-282	0.032	0.620	0.620	0.120	0.120	0.0456
S-1113-1	0.020	0.750	0.620	0.125	0.125	0.0314

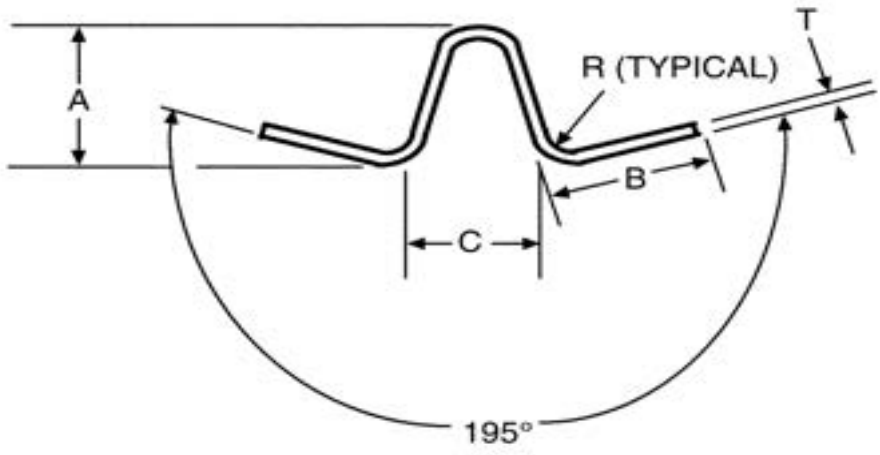
Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 1 : Sheet 4 : Extrusions and Formed Sections



ROLLED HAT SECTIONS DIMENSIONS (INCHES) MATERIAL: 2024-T3 OR T4 CLAD ALUMINUM ALLOY

STD. SHAPE	TYPE	A	B	W	H	R	T	AREA (SQ. INCHES)
S-370	A	7.000	-	2.000	0.650	0.150	0.032	0.0889
S-1039-1	B	-	0.500	1.500	0.380	0.060	0.032	0.0661
S-1126	B	-	1.050	2.200	0.500	0.090	0.025	0.0744
S-1541-1	B	-	1.060	2.200	0.750	0.090	0.032	0.1106



ROLLED HAT SECTIONS DIMENSIONS (INCHES) MATERIAL: 2024-T4 CLAD ALUMINUM ALLOY

STD. SHAPE	A	B	C	R	T	AREA (SQ. INCHES)
S-1162	0.650	0.700	0.600	0.150	0.025	0.0691

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

FASTENERS

1. General

A. Fasteners used in the airplane are generally solid aluminum rivets, blind rivets, and steel threaded fasteners. Usage of each is primarily a function of the loads to be carried, accessibility and frequency of removal. Rivets used in airplane construction are usually fabricated from aluminum alloys. In special cases, monel, corrosion-resistant steel and mild steel, copper, and iron rivets are used.

2. Rivets

A. Standard solid shank MS rivets are those generally used in airplane construction. They are fabricated in the following head types: roundhead, flathead, countersunk head, and universal head. Flathead rivets are generally used in the airplane interior, where head clearance is required. MS20426 countersunk head rivets are used on the exterior surfaces of the airplane to minimize turbulent airflow. MS20470 universal head rivets are used on the exterior surfaces of the airplane where strength requirements necessitate a stronger rivet head than that of the countersunk head rivet. Hi-Shear rivets are special, patented rivets having a high shear strength equivalent to that of standard NAS bolts. They are used in special cases in locations where high shear loads are present, such as in spars, wings, and in heavy bulkhead ribs. This rivet consists of a cadmium plated pin of alloy steel. Some have a collar of aluminum alloy. Some of these rivets can be readily identified by the presence of the attached collar in place of the formed head on standard rivets. Blind rivets are used, where strength requirements permit, where one side of the structure is inaccessible, making it impossible or impractical to drive standard solid shank rivets.

3. Replacement Of Hi-Shear Rivets

A. Replacement of Hi-Shear rivets with close tolerance bolts or other commercial fasteners of equivalent strength properties is permissible.

(1) The hardware used for the Hi-Shear rivets is determined according to the size of the holes and the grip lengths required.

(2) Bolt grip length should be chosen so that no threads remain in the bearing area.

(3) Holes must not be elongated, and the Hi-Shear substituted must be a smooth, push-fit.

B. Field replacement of main landing gear forgings on bulkheads may be accomplished by using the following hardware:

(1) NAS464P, NAS436P, and either: NAS1103 through NAS1120, NAS1303 through NAS623 or NAS6203 through NAS6220 bolt, and either:

(a) MS21042 nut and AN960/NAS1149 washers in place of Hi-Shear rivets for forgings with machined flat surfaces around the attachment holes.

(b) ESNA2935 mating base washer and ESNA RM52LH2935 self-aligning nut with forgings (with a draft angle of up to a maximum of eight degrees) without machined flat surfaces around the attachment holes.

4. Substitution Of Rivets

A. When adapting the typical repairs shown in this manual to suit actual conditions, it may be necessary to use different fasteners than those originally used. This may be due to non-availability of a particular fastener, restricted access, or other difficulties. When replacing rivets, it is desirable to use rivets identical to the type of rivet removed. Countersunk head rivets are to be replaced by rivets of the same type and degree of countersink. When rivet holes become enlarged, deformed, or otherwise damaged, several options are available.

(1) The simplest solution is to install a 1/32 inch (0.032 inch) larger size rivet as a replacement. This solution uses the designed repairability of the structure, and is the quickest repair.

(2) Repair rivets are available.

(a) Repair rivets have a shank that is 1/64 inch (0.016 inch) larger diameter than a standard rivet but have the same size and shape heads.

(b) NAS1241 repair rivets replace MS20426 rivets if they have the same suffix.

(c) NAS1242 repair rivets replace MS20470 rivets if they have the same suffix.

(d) NAS1738, NAS1939 and some NAS9301 through NAS9311 blind rivets also have oversize shanks.

B. Replacement shall not be made with rivets of lower strength material.

C. Hi-Shear Rivets.

(1) When Hi-Shear rivets are not available, replacement of sizes 3/16 inch or greater rivets shall be made with bolts of equal or greater strength than the rivet being replaced, and with self-locking nuts of the same diameter. It is permissible to replace Hi-Shear rivets with Hi-Lok bolts of the same material, diameter and grip length.

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

D. Blind Rivets.

(1) Blind rivets have higher deflection rates in shear than standard solid rivets, are more susceptible to fatigue failure and are not as strong as solid rivets in thin sheets. For this reason, it is not advisable to replace any considerable number of solid rivets in a given joint by blind rivets, because this may result in overstressing the remaining solid rivets. The hollow blind rivet shall not be used. The blind rivet shall be of the same or greater strength than the rivet it replaces. In cases of dimpled assemblies (the process of forming the metal around a hole to form a conical indentation to receive the tapered head of a flush rivet or a screw), the rivet holes shall be drilled after the sheets are dimpled. When possible, the exposed end of each clipped plug shall be coated with epoxy primer. Blind rivets shall not be used in fuel bay areas except in cases of absolute necessity, and must be sealed. If blind fasteners other than blind rivets are encountered, it is recommended that replacements be made with identical fasteners.

E. For a list of approved solid shank and Hi-Shear rivet substitutions, refer to Tables 1 and 2.

5. Rivet Diameters

A. Rivet diameters range from 3/32 inch to 3/8 inch. Sizes of 1/8 inch, 5/32 inch, and 3/16 inch are most frequently used. Since smaller diameter rivets lack proper structural qualities and larger diameter rivets dangerously reduce the splice or patch area, extreme care should be exercised before substituting other than the specified sizes of rivet diameter.

6. Rivet Lengths

A. Proper length of rivets is an important part of a repair. Should too long a rivet be used, the formed head will be too large, or the rivet may bend or be forced between the sheets being riveted. Should too short a rivet be used, the formed head will be too small or the riveted material will be damaged. If proper length rivets are not available, longer rivets may be cut off to equal the proper length (not grip). Rivet length is based on the grip.

7. Solid Shank Rivets

A. Removal of Solid Shank Rivets (Refer to Figure 1).

(1) When it becomes necessary to replace a rivet, extreme care should be taken in its removal so that the rivet hole will retain its original size and replacement with a larger size rivet will not be necessary. If the rivet is not removed properly, the strength of the joint may be weakened and the replacement of rivets made more difficult.

(2) When removing a rivet, work on the manufactured head. It is more symmetrical about the shank than the shop head, and there will be less chance of damaging the rivet hole or the material around it. To remove rivets, use hand tools, a power drill or a combination of both. The preferred method is to drill through the rivet head and drive out the remainder of the rivet with a drift punch. First, file a flat area on the head of any round or brazier head rivet, and center punch the flat surface for drilling. On thin metal, back up the rivet on the shop head when center punching to avoid depressing the metal. The dimple in 2117-T3 rivets usually eliminates the necessity of filing and center punching the rivet.

(3) Select a drill one size smaller than the rivet shank and drill out the rivet head. When using a power drill, set the drill on the rivet and rotate the chuck several revolutions by hand before turning on the power. This procedure helps the drill cut a good starting spot and eliminates the chance of the drill slipping off and tracking across the metal. While holding the drill at a 90° angle, drill the rivet to the depth of its head. Be careful not to drill too deep because the rivet shank will turn with the drill and cause a tear. The rivet head will often break away and climb the drill, which is a good signal to withdraw the drill. If the rivet head does not come lose of its own accord, insert a drift punch into the hole and twist slightly to either side until the head comes off.

(4) Drive out the shank of the rivet with a drift punch slightly smaller than the diameter of the shank. On thin metal or unsupported structures, support the sheet with a bucking bar while driving out the shank. If the shank is exceptionally tight after the rivet head is removed, drill the rivet about two-thirds of the way through the thickness of the material and then drive out the remainder of the rivet with a drift punch.

(5) The removal of flush rivets is the same as that just described except that no filing of the manufactured head is required before center punching. Be very careful to avoid elongation of the dimpled or the countersunk holes. The rivet head should be drilled to approximately one-half the thickness of the top sheet.

Table 1. Approved Replacement Fasteners Chart

REPLACE	Inch thickness (or thicker)	WITH
MS20470AD3	0.025	NAS1398B4, NAS1398D4
	0.020	NAS1738B4, NAS1738D4
MS20470AD4	0.050	NAS1398B4, NAS1398D5

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

	0.040	NAS1398B5, NAS1398D5, NAS9301B5, NAS1738B4, NAS1738E4, NAS1738D4, NAS9301B4
	0.032	NAS1738B5, NAS1738E5, NAS1738D5, NAS9301B5
MS20470AD5	0.063	NAS1398B5, NAS1398D5
	0.050	NAS1398B6, NAS1398D6, NAS1738B5, NAS1738E5, CR3213-5
	0.040	NAS1738B6, NAS1738E6, NAS1738D5, CR3213-6
MS20470AD6	0.080	NAS1398B6, NAS1398D6
	0.071	NAS1398D6
	0.063	NAS1738B6, NAS1738E6, NAS1738D, CR3213-6
MS20426AD3 (Countersunk) (Refer to Note 1)	0.063	NAS1398B4, NAS1399D4
	0.040	NAS1739D4
MS20426AD4 (Countersunk)	0.080	NAS1399B4, NAS1399D4, CR3213-4
	0.050	NAS1739D4
MS20426AD4 (Dimpled)	0.063	NAS1739B4, NAS1739E4
MS20426AD5 (Countersunk)	0.063	NAS1739D5, NAS1739B5, NAS1739E5
	0.050	CR3242-5
MS20426AD5 (Dimpled)	0.071	NAS1739B5, NAS1739E5

NOTE 1:

Rework Required. Countersink oversize to accommodate oversize rivet.

NOTE 2:

GENERAL NOTE: Do not use blind rivets in any portion of the engine air induction system structure.

Table 2. Approved Fastener Substitutions

Fastener REPLACE	Collar	DIAMETER	Fastener WITH	Collar
NAS178	NAS179	(Refer to Notes 1, 2, 6, 7)	HL18	HL70, HL82
		(Refer to Notes 1, 4)	NAS1054	NAS179, NAS528
		(Refer to Notes 1, 4)	NAS14XX	NAS1080C, NAS1080E, NAS1080G, NAS1080AG
		(Refer to Notes 1, 3, 4)	NAS529	NAS528, NAS179
		(Refer to Notes 1, 2, 5)	NAS1146	NAS1080C, NAS1080E, NAS1080G, NAS1080AG
		(Refer to Notes 1, 5)	NAS7034	NAS1080K
		(Refer to Notes 1, 6)	NAS464	MIL-S-7742
		(Refer to Notes 1, 6)	NAS1103-NAS1116	MIL-S-7742
		(Refer to Notes 1, 6)	NAS1303-NAS1316	MIL-S-7742
		(Refer to Notes 1, 6)	NAS6203-NAS6216	MIL-S-7742

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

		(Refer to Notes 1, 6)	NAS6603-NAS6616	MIL-S-7742
		(Refer to Notes 1, 6)	AN173	AN305, MS20305, MS21044, MS21045
NAS1054	NAS179, NAS528	(Refer to Notes 1, 4)	NAS14XX	NAS1080C, NAS1080E, NAS1080G, NAS1080AG
		(Refer to Notes 1, 3, 4)	NAS529	NAS528, NAS179
		(Refer to Notes 1, 2, 5)	NAS1446	NAS1080C, NAS1080E, NAS1080G, NAS1080AG
		(Refer to Notes 1, 5)	NAS7034	NAS1080K
		(Refer to Notes 1, 6)	NAS464	(Refer to Note 8)
		(Refer to Notes 1, 6)	NAS1103-NAS1106	(Refer to Note 8)
		(Refer to Notes 1, 6)	NAS1303-NAS1306	(Refer to Note 8)
		(Refer to Notes 1, 6)	NAS6203-NAS6206	(Refer to Note 8)
		(Refer to Notes 1, 6)	NAS6603-NAS6606	(Refer to Note 8)

NOTE 1:

Refer to appropriate tables for nominal diameters available.

NOTE 2:

Available in oversize for repair of elongated holes. Ream holes to provide a 0.001 inch interference fit.

NOTE 3:

NAS529-4 thru -12 take NAS528 same dash number. NAS529-14 thru -20 take NAS179.

NOTE 4:

Steel shank fastener designated for drive-on collars. Choose protruding head only.

NOTE 5:

Steel shank fastener designated for squeeze-on collars. Installation requires sufficient space for the tool and extended shank of the fastener. Choose protruding head only.

NOTE 6:

Threaded fastener.

NOTE 7:

Preferred substitute fastener.

NOTE 8:

When you substitute a threaded fastener for a high strength steel shank rivet, use one of these steel nuts: AN365/MS20365, MS17825, MS21044, MS21045, MS51943 or NAS1079. Approval of the use of these nuts in this application does not constitute a general approval to use these nut on high strength bolts.

NOTE 9:

GENERAL NOTE: These fastener substitutions address shear strength and hole tolerances only. The specific application may not allow all of these substitutions because of space considerations.

B. The United States Department of Defense no longer maintains MS and NAS standards. Identical parts may have MS, NASM or AIA/NAS part numbers.

EXAMPLE: MS20470AD4-6 rivets may also be identified as NASM20470AD4-6. NAS1738M4-4 rivets may be identified as AIA/NAS1738M4-4.

C. Installation of Solid Shank Rivets.

(1) A large percentage of riveting of airplane structure is accomplished on thin gauge aluminum alloy, and the work must be accomplished without distorting or damaging the material with hammer blows or riveting tools. All airplane power riveting is accomplished by upsetting the rivets against a bucking bar instead of striking the shank with a hammer. To prevent deforming the rivet head, a rivet set must be selected to fit each type of rivet. The depth of this set must not touch material being riveted. Parts requiring heat treatment should be heat treated before riveting, since heat treating process after rivet installation causes warping. Assemblies that require heat treatment in a salt bath must be treated prior to assembly, as the salt cannot be entirely washed out of the joints.

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

(2) The use of hollow rivets in joining highly stressed parts is not permitted. To determine if blind rivets may be substituted, refer to Tables 1 and 2. Selection of the proper rivet and the proper number of rivets is very important. Rivets must be of the proper length for the total thickness of the parts being riveted. Ordinarily, from 1-1/2 to 2 times the diameter of the rivet is the correct amount for the rivet shank to protrude through the material to form the head. For heavy material, such as plates or fittings, from 2 to 2-1/2 times the rivet diameter may be used. The rivet should not be excessively loose in the hole, as this condition will cause the rivet to bend over while being driven, and the shank will not be sufficiently expanded to completely fill the hole. A drill from 0.002 inch to 0.004 inch larger than the rivet shank should be used for sheet and plate riveting. Parts should be held firmly together by clamps, screws, or bolts while they are being drilled or riveted. The bucking bar is to be held against the end of the rivet shank. Exercise care while accomplishing this operation to prevent unseating the rivet by too much pressure. For the first few blows, the bucking bar should be held lightly against the rivet shank so it will receive the impact of the blow through the rivet. The bucking bar must be held square with the rivet to produce uniform upsets. As few blows as possible should be struck to properly upset rivet. Blows must be as uniform as possible.

D. Loose Or Working Solid Shank Rivets.

(1) Rivets which appear to be loose shall be checked with a 0.002 inch feeler gauge by inserting the gauge around the head of the rivet in question. If the feeler gauge can be inserted to the shank of the rivet, it shall be classified as a loose rivet and it shall be replaced. If the feeler gauge can be inserted approximately halfway to the shank for less than 30 percent of the circumference of the rivet head, it shall not be classified as a loose rivet. The feeler gauge shall be used to check the shear section between the riveted members (such as skin to spar or different sections of skins) in a similar manner to that used around the rivet head. If the skin around the brazier head or countersunk rivet can be moved by depressing the skin with finger pressure around the rivet, the rivet shall be replaced. If a rivet is found which turns by applying a rotating load to the head of the rivet, it should be replaced.

(2) In areas where exterior paint has been applied to rivet heads, the paint may harden due to aging processes and show hairline cracks around the edge of the rivet heads. This should not be used as a basis for determining whether or not the rivet is loose. The hardened paint may crack at times and collect dirt or exhaust fumes which will appear as discoloration. It is not possible to detect loose rivets visually. Replacement rivets should be of like size and type. In some instances, however, it will be necessary to use the next size larger diameter. For general repair practices, the spacing between the centerlines of adjacent rivet holes shall be four diameters or greater. In some areas where the spacing between rivets prohibits the use of the next larger rivets, special repair instructions and procedures shall be followed. Contact Cessna Single Engine Support.

8. Blind Rivets

A. General.

(1) Blind rivets are intended for use where access is available to only one side of the work.

(2) Replacement of solid rivets with blind rivets should only be accomplished within the guidelines of Table 1, when the installation of a solid shank rivet is not possible. Blind rivets do not have the same resistance to corrosion and fatigue as solid shank rivets, and should not be considered a universal replacement for solid shank rivets.

B. Removal of Blind Rivets.

CAUTION: Do not drill completely through the rivet sleeve. This method of removing a rivet will tend to enlarge the hole.

(1) Use a small center drill to provide a guide for a larger drill on top of the rivet stem, and drill away the tapered portion of the stem to destroy the lock.

(2) Pry the remainder of the locking collar out of the rivet head with a drift punch.

(3) Drill nearly through the head of the rivet using a drill the same size as the rivet shank.

(4) Break off rivet head, using drift pin inserted into the drilled hole as a pry.

(5) Drive out remaining rivet shank with a pin having a diameter equal to the rivet shank.

C. Installation of Blind Rivets.

(1) Refer to Figure 2, for an illustration of installation procedures.

(2) Check that rivet hole size and rivet are compatible.

(3) Check that proper pulling head is installed on rivet gun.

(4) Adjustment of pulling head must be made in accordance with manufacturers instructions.

(5) Check that proper operating air pressure is available to rivet gun.

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

NOTE: Blind rivets may be installed using pneumatic or mechanical guns, whichever is available.

(6) Check that holes in parts to be fastened are properly aligned.

(7) In blind clearance applications, check the minimum blind clearance (BK) dimension if the manufactured head of blind rivet is protruding above the top sheet. The rivet will pull down the sheet as the stem is pulled if the BK dimension is met or exceeded.

(8) The minimum blind clearance is the BK dimension, and is listed in the manufacturers standard sheets.

NOTE: When installing a blind rivet (pull-type rivet) in a hole where the previous blind rivet was removed by drilling and punching the rivet out, inspect the drilled hole to assure all metal sheets are in place and not separated prior to pulling rivet. It may be necessary to insert a stiff wire in adjacent hole to hold metal in position while pulling rivet.

(9) When placing pulling head on rivet stem, hold riveter and pulling head in line with axis of rivet while holding tool in a light and flexible manner.

(10) When tool is actuated, pulling head will pull down and seat against rivet head.

(11) Clamping action will pull sheets together and seat rivet when tool is actuated.

(12) When tool is actuated, action of rivet will automatically assist in bringing tool and pulling head into proper alignment with rivet axis.

NOTE: Pressing down with force will not allow rivet and tool to align themselves with hole and could limit head setting of rivet, however, enough force to seat the head against the skin is necessary.

(13) Hold tool in line with rivet as accurately as possible, and allow a steady but light pressure; pull trigger and let the rivet align itself.

(14) When rivet is completely installed, release trigger and pulling head will eject pulling portion of stem through forward end.

(15) Rivet must break within these limits.

Fastener	Dash number	Stem Flushness
NAS1738 or NAS1739	All	+0.010 or -0.020 inch
Cherry Max	-4	+0.010 or -0.015 inch
Cherry Max	-5, -6	+0.010 or -0.020 inch

(16) Protruding stems usually indicate incorrect grip length or oversize holes.

D. Loose or Working Blind Rivets.

(1) Blind rivets which are found to be loose or show evidence of working must be replaced with rivets of like size and type. In some instances, it may be necessary to use the next larger size rivet. Loose fasteners may be indicated by the following situation:

(a) The fastened material moves relative to the fastener. Skin deflection is evident.

(b) Tipping of the fastener head may indicate its looseness or slippage. Rivet head periphery rolled upward also indicates looseness.

(c) A black or dark gray stain is found adjacent to or around the fastener head. Generally, it takes the form of a dirt or oily streak aft of the loose rivet.

(d) Mark a red line across the fastener head and the adjacent material. Check the line at the next inspection. Any loosening of the fastener will break the line as indicated in Figure 3.

9. Spacing Of Rivets

A. There are no specific rules which are applicable to every case or type of riveting. There are, however, certain general rules which should be understood and followed. Edge distance of rivets should not be less than two diameters of the rivet, measured from the edge of the sheet or plate to the center of the rivet hole. Spacing between rivets, when in rows, depends upon several factors, principally the thickness of the sheet, the diameter of the rivets, and the manner in which the sheet will be stressed. This spacing is seldom less than four diameters of the rivet, measured between the centers of the rivet holes. Rivets, spaced four diameters apart, are found in certain seams of semimonocoque fuselages, webs or built up spars, and various plates or fittings. Where there are two rows of rivets, they are usually staggered. The transverse pitch or distance between rows should be slightly less than the pitch of the rivets, with 75 percent of the rivet pitch being the usual practice. An average spacing or pitch of rivets in the cover or skin of most structures, except at highly stressed points, will be from 6 to 12 diameters of the rivet. The best

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

practice in repair is to make pitch of rivets equal to those in the original structure.

10. Threaded Fasteners Bolt Torques

A. The importance of correct application cannot be overemphasized. Refer to appropriate Maintenance Manual, Chapter 20, Torque Data - Maintenance Practices, for additional information covering torque values. Under torque can result in unnecessary wear of nuts and bolts as well as parts they are holding together. When insufficient pressures are applied, uneven loads will be transmitted throughout assembly, which may result in excessive wear or premature failure due to fatigue. Over torque can be equally damaging because of failure of a bolt or nut from overstressing threaded areas. There are a few simple, but very important, procedures that should be followed to assure that correct torque is applied:

(1) Calibrate torque wrench periodically to assure accuracy, and recheck frequently.

(2) Be sure that bolt and nut threads are clean and dry unless otherwise specified.

(3) Run nut down to near contact with washer or bearing surface and check friction drag torque required to turn nut.

(4) Add friction drag torque to desired torque recommended. Refer to appropriate Maintenance Manual, Chapter 20, Torque Data - Maintenance Practices to obtain complete torque calculating procedures. This is referred to as final torque which should register on indicator or setting for a snap over-type wrench.

(5) Apply a smooth even pull when applying torque pressure. If chattering or a jerking motion occurs during final torque, back off and re-torque.

(6) When installing a castellated nut, start alignment with cotter pin hole at minimum recommended torque plus friction drag torque, and do not exceed maximum torque plus friction drag. If hole and nut castellation do not align, change washers or nut and try again. Exceeding maximum recommended torque is not recommended unless specifically allowed or recommended for that particular installation.

11. Rivets for Plastic or Composite Parts

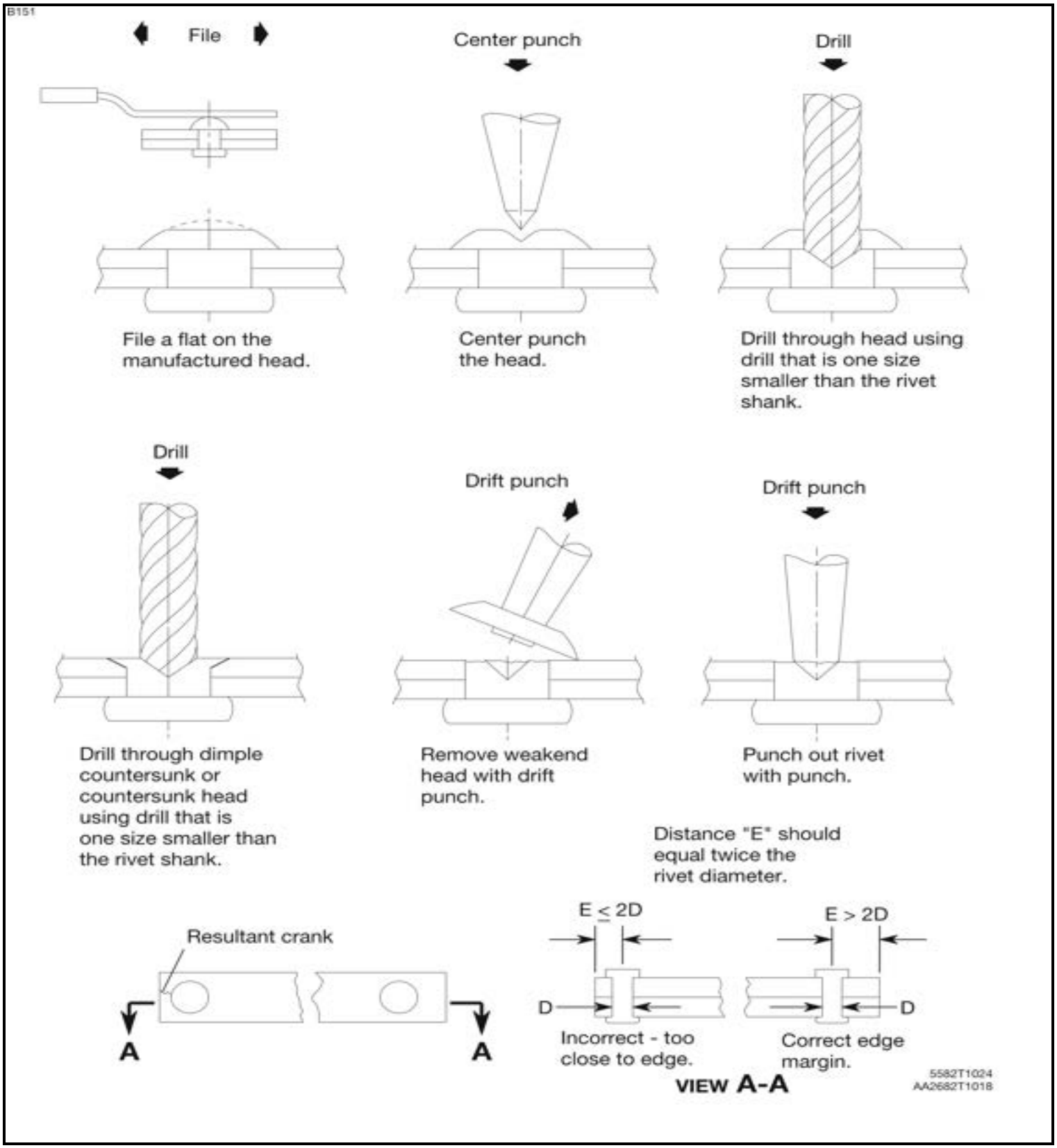
A. Unlike rivets in metallic joints, blind rivets are often the rivet of choice for riveting non-metallic materials because they may be installed without the hammering necessary to install solid rivets. If the tail end of the rivet is adjacent to the non-metal side, install a washer over the shank to prevent the "hole filling" action built into blind rivets from overloading the non-metal hole. The hole in the washer should match the specified installation hole for the fastener. If the tail end of the rivet is installed through metal substructure, the washer is not necessary.

B. Soft ("A" 1100 aluminum shank rivets or "B" 5056 aluminum shank) rivets are also used to install non-metallic parts. Original equipment soft rivets will be either red or green colored under the paint. If the butt or driven end of the rivet is adjacent to the non-metallic part, it is preferable to install a washer over the shank to prevent the rivet shank, which swells during driving, from overloading the non-metallic hole. The hole in the washer should match the specified installation hole for the fastener. If the tail end of the rivet is installed through metal substructure, the washer is not necessary. Take care when driving rivets through non-metal to not overdrive the rivet. If the rivet is overdriven, the shank will swell even with the washer in place. The rivet butt should be driven to no more than necessary to retain the part, never more than 1.4 times the shank diameter.

C. If the original equipment rivet provided connection between metal parts as well as non-metallic parts, it may be a standard (AD) rivet. Original equipment AD rivets are colored gold or uncolored. Replace original equipment AD rivets with AD rivets.

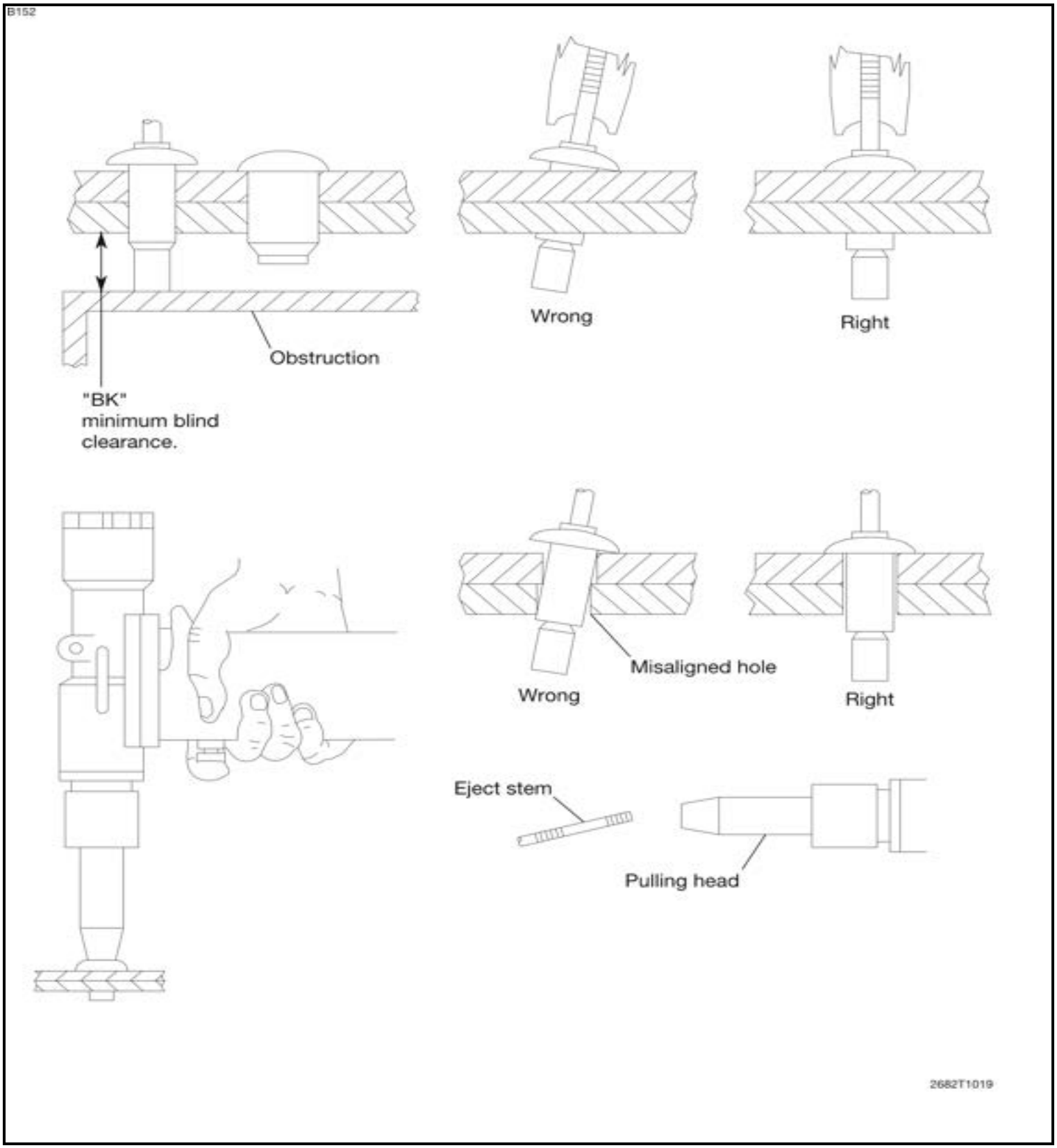
Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 1 : Sheet 1 : Rivet Removal and Rivet Edge Distance



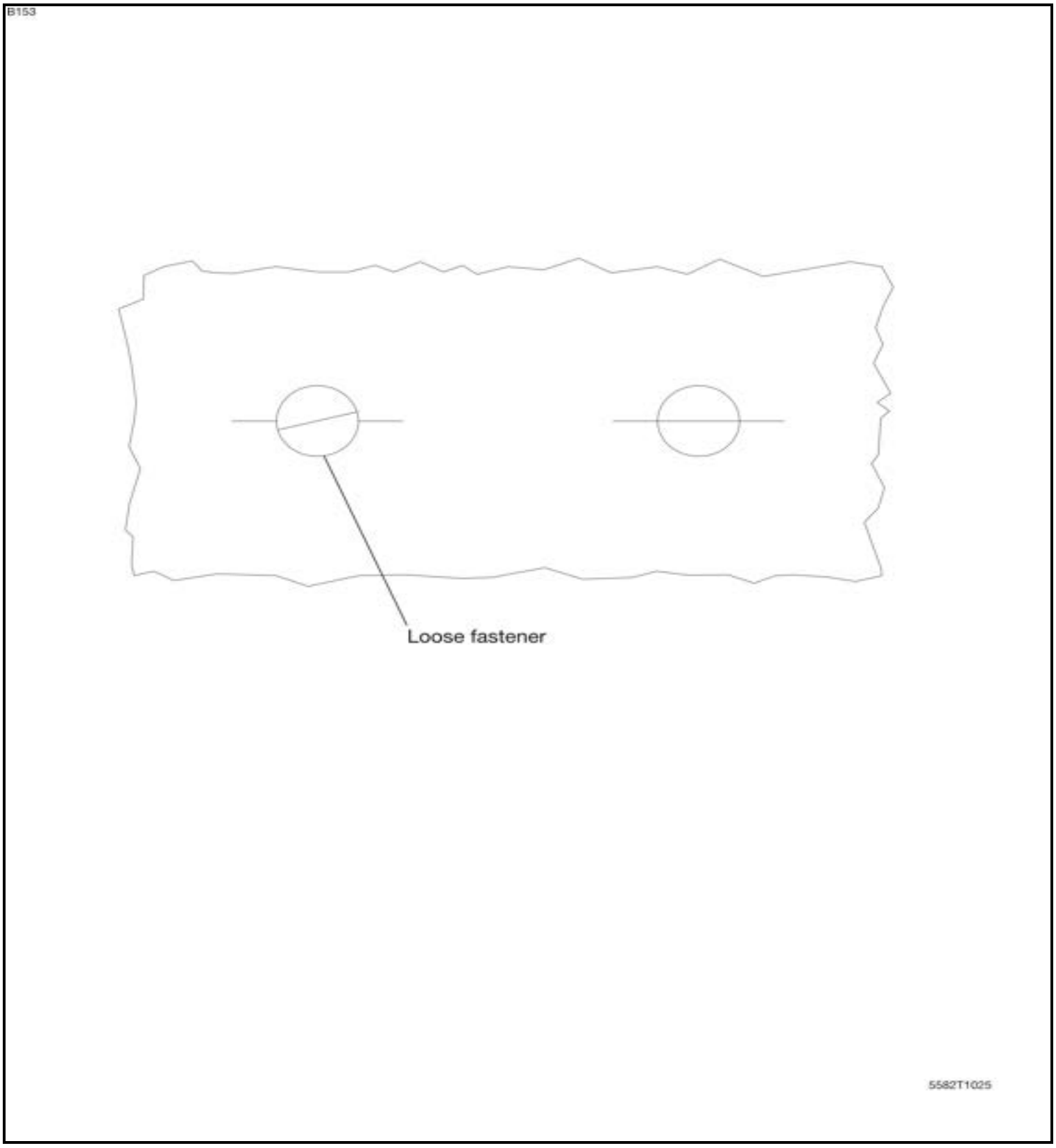
Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 2 : Sheet 1 : Installation of Blind Rivets



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 3 : Sheet 1 : Red Lining of Fasteners



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

FLIGHT CONTROL SURFACE BALANCING

1. General

A. This section applies to the balancing of the ailerons, elevators, and rudder. Control surface balance must be verified after repair or painting.

B. Proper balance of control surfaces is critical to prevent flutter during normal operating conditions.

2. Tools and Equipment

NAME	NUMBER	MANUFACTURER	USE
Control Surface Balance Fixture Kit	5180002–1	Cessna Aircraft Co. Cessna Part Distribution 5800 E. Pawnee P.O. Box 1521 Wichita, KS 67218	Balance elevator and aileron.
Scale 0-10 Pounds in 0.01 Pound increments		Commercially Available	Balance rudder

3. Procedures for Balancing Control Surfaces

A. The flight control surface balancing fixture kit (part number 5180002-1) is shown in Figure 1.

(1) Balance of control surfaces must be accomplished in a draft free room or area.

(2) Place hinge bolts through control surface hinges and position on knife edge balancing mandrels, refer to Figure 2 for positioning of balancing control surfaces.

(3) Make sure all control surfaces are in their approved flight configuration; painted (if applicable), trim tabs installed, static wicks, and all tips installed.

(4) Place balancing mandrels on a table or other suitable flat surface.

(5) Adjust trailing edge support to fit control surface being balanced while center of balancing beam is directly over hinge line. Remove balancing beam and balance the beam itself by adding washers or nuts required at end opposite the trailing edge support.

(6) When positioning balancing beam on control surface, avoid rivets to provide a smooth surface for the beam and keep the beam 90 degrees to the hinge line of control surface.

(7) Paint is a considerable weight factor. In order to keep balance weight to a minimum, it is recommended that existing paint be removed before adding paint to a control surface. Increase in balance weight will also be limited by the amount of space available and clearance with adjacent parts. Good workmanship and standard repair practices should not result in unreasonable balance weight.

(8) The approximate amount of weight needed may be determined by taping loose weight at the balance weight area.

(9) Lighten balance weight by drilling off part of weight.

(10) Make balance weight heavier by fusing bar stock solder to weight after removal from control surface. The ailerons should have balance weight increased by ordering additional weight and gang channel, listed in applicable Parts Catalog, and installing next to existing inboard weight the minimum length necessary for correct balance, except that a length which contains at least two attaching screws must be used. If necessary, lighten new weight or existing weights for correct balance.

4. Balancing Definitions

A. Overbalance (refer to Figure 3) is defined as the condition that exists when surface is leading edge heavy and is defined by symbol (-). If the balance beam uses a sliding weight, the weight must be on the trailing edge side of the hinge line (to balance the control surface), the control surface is considered to be overbalanced.

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

B159

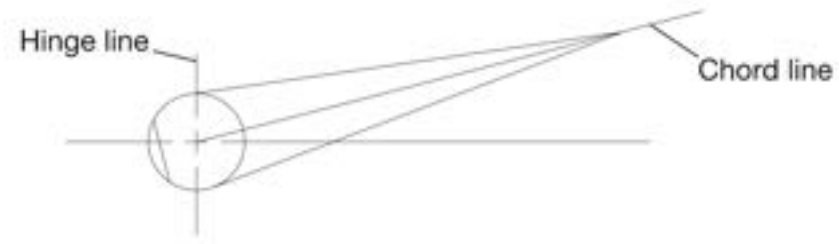


Figure 3

B. Underbalance (refer to Figure 4) is defined as the condition that exists when surface is trailing edge heavy and is defined by symbol (+). If the balance beam uses a sliding weight, the weight must be on the leading edge side of the hinge line (to balance the control surface), is considered to be under balanced.

B160

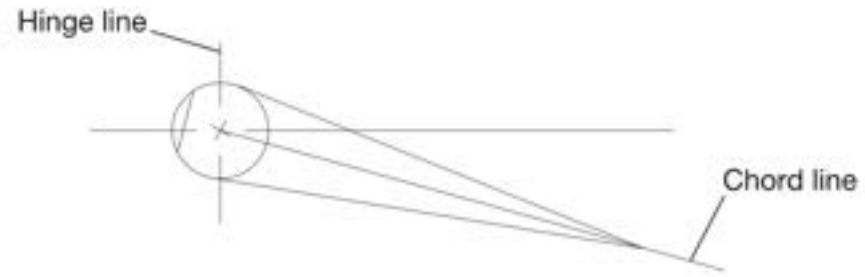


Figure 4

5. Control Surface Balance Requirements

NOTE: "Approved Flight" must never be exceeded when the surface is in its final configuration for flight.

A. Refer to Tables 1, 2 and 3 for balance limits of the various airplane control surfaces. These approved flight limits must take into account all items which may be attached and/or applied to the various control surfaces (static wicks, trim tabs, paint, decorative trim stripes, and so forth).

Table 1. Model 172 Static Balance Limits.

CONTROL SURFACE	STATIC BALANCE LIMITS APPROVED FOR FLIGHT CONFIGURATION (INCH-LBS).
AILERON	0.0 TO +11.31
RUDDER	0.0 TO +9.0
LEFT ELEVATOR	0.0 TO +18.5
RIGHT ELEVATOR	0.0 TO +24.5

Table 2. Model 182 Static Balance Limits.

CONTROL SURFACE	STATIC BALANCE LIMITS APPROVED FOR FLIGHT CONFIGURATION (INCH-LBS).
AILERON	0.0 TO +9.64
RUDDER	0.0 TO +6.0
LEFT ELEVATOR	0.0 TO +20.47
RIGHT ELEVATOR	0.0 TO +20.47

Table 3. Model 206 Static Balance Limits.

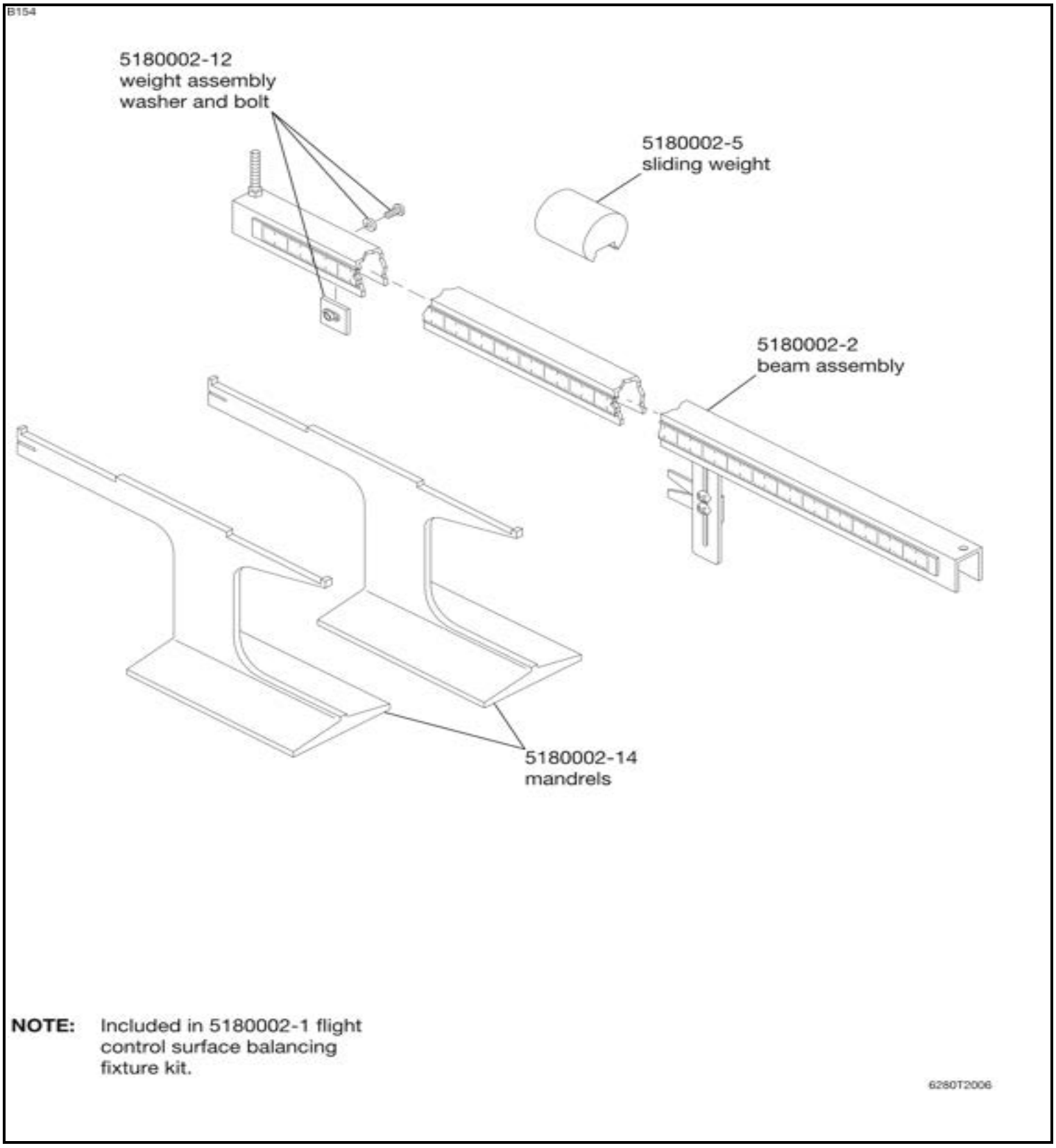
CONTROL SURFACE	STATIC BALANCE LIMITS APPROVED FOR FLIGHT CONFIGURATION (INCH-LBS).
AILERON	0.0 TO +3.0
RUDDER (Landplane)	-4.0 TO +3.0

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

LEFT ELEVATOR	0.0 TO +12.1
RIGHT ELEVATOR	0.0 TO +12.1

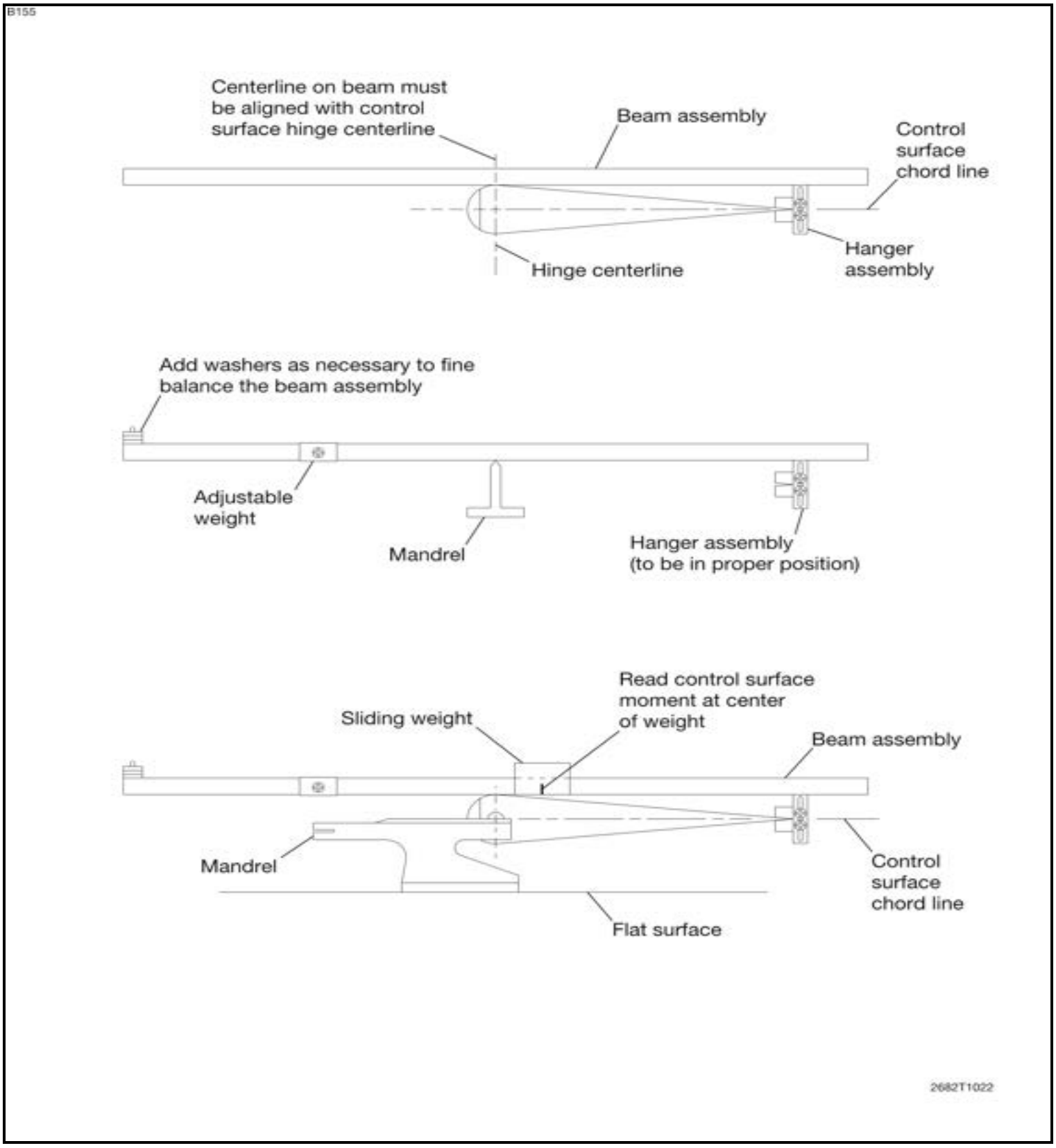
Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 1 : Sheet 1 : Flight Control Surface Balancing Fixture Kit



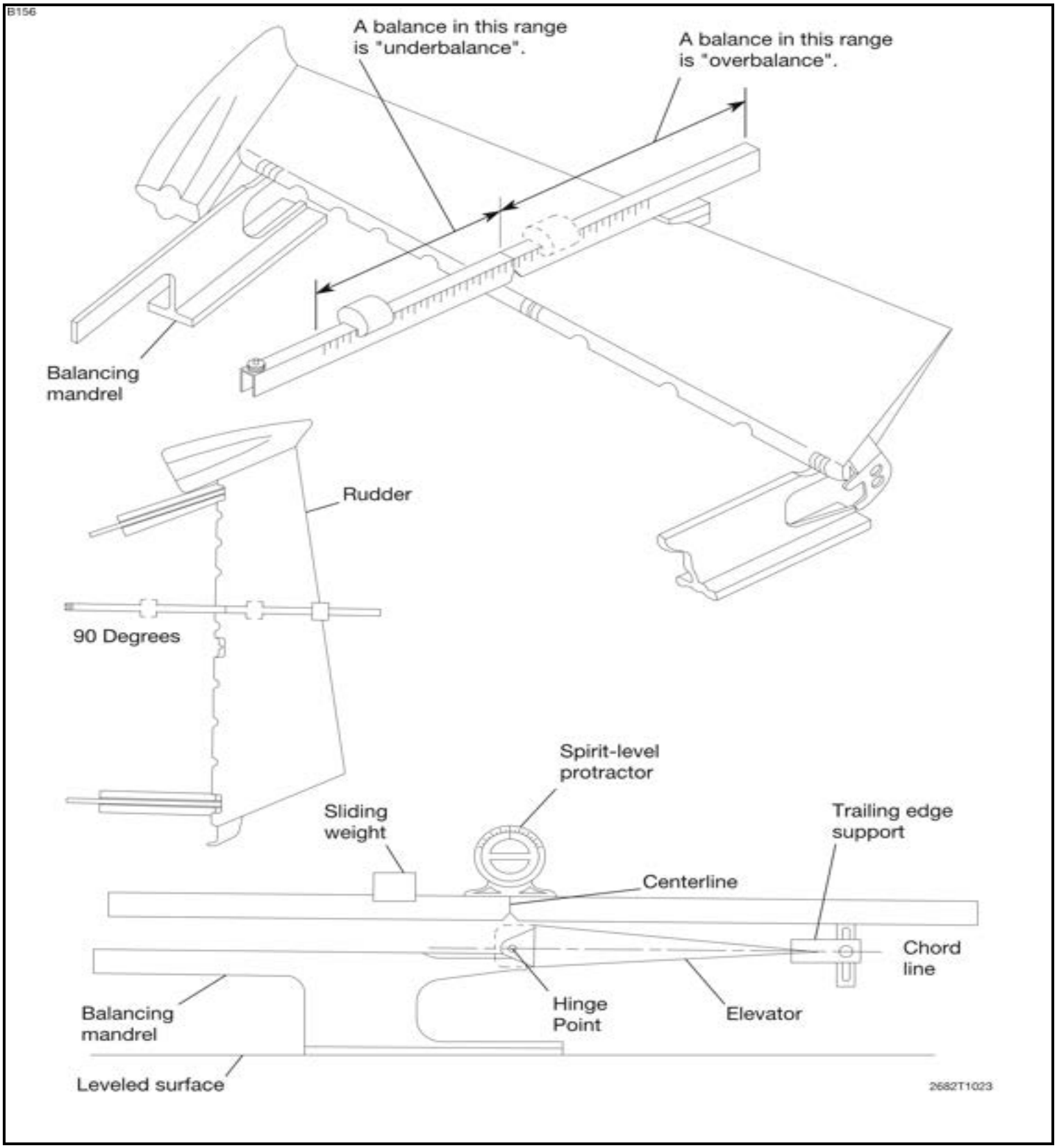
Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 2 : Sheet 1 : Balancing Control Surfaces



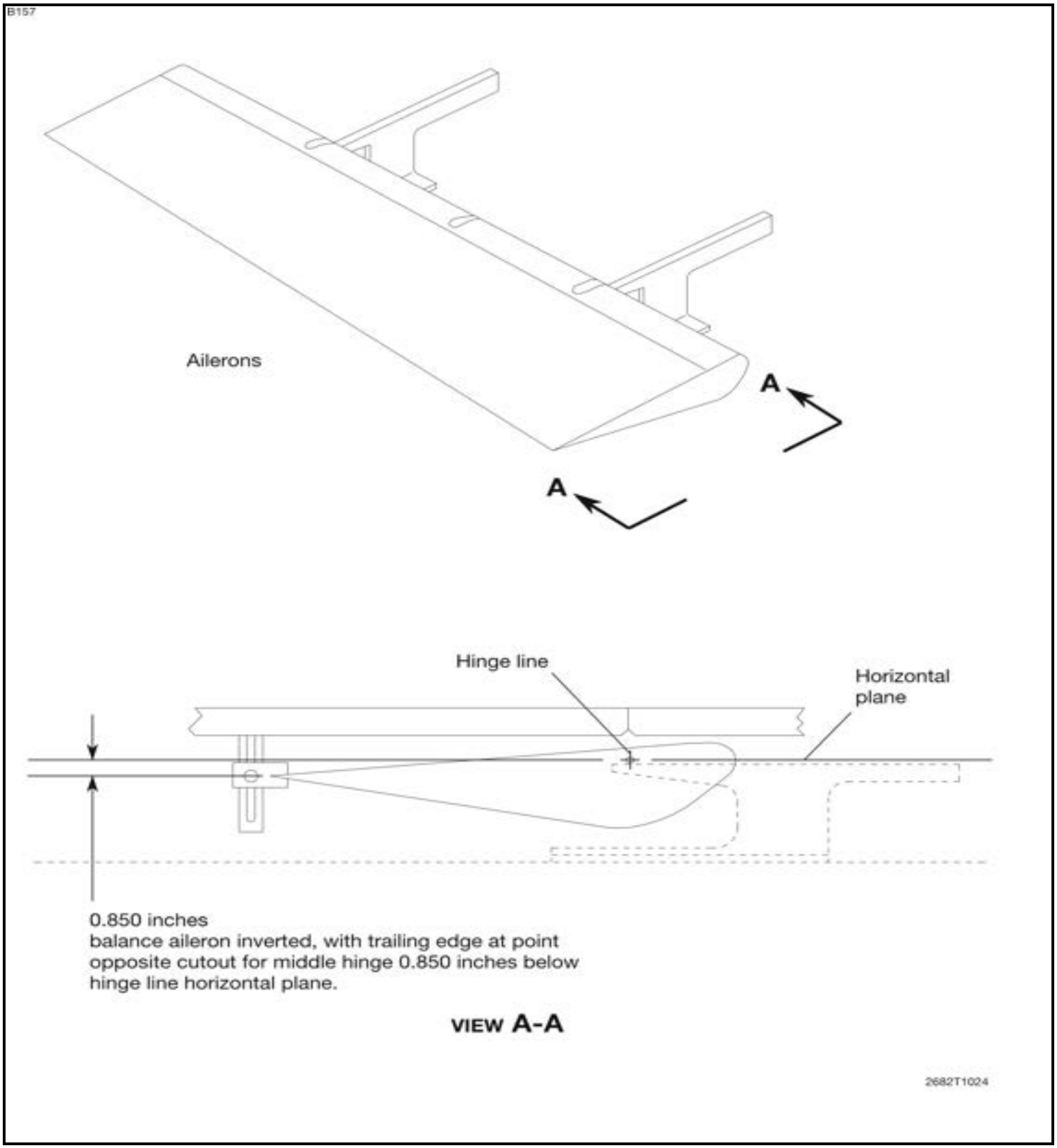
Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 2 : Sheet 2 : Balancing Control Surfaces



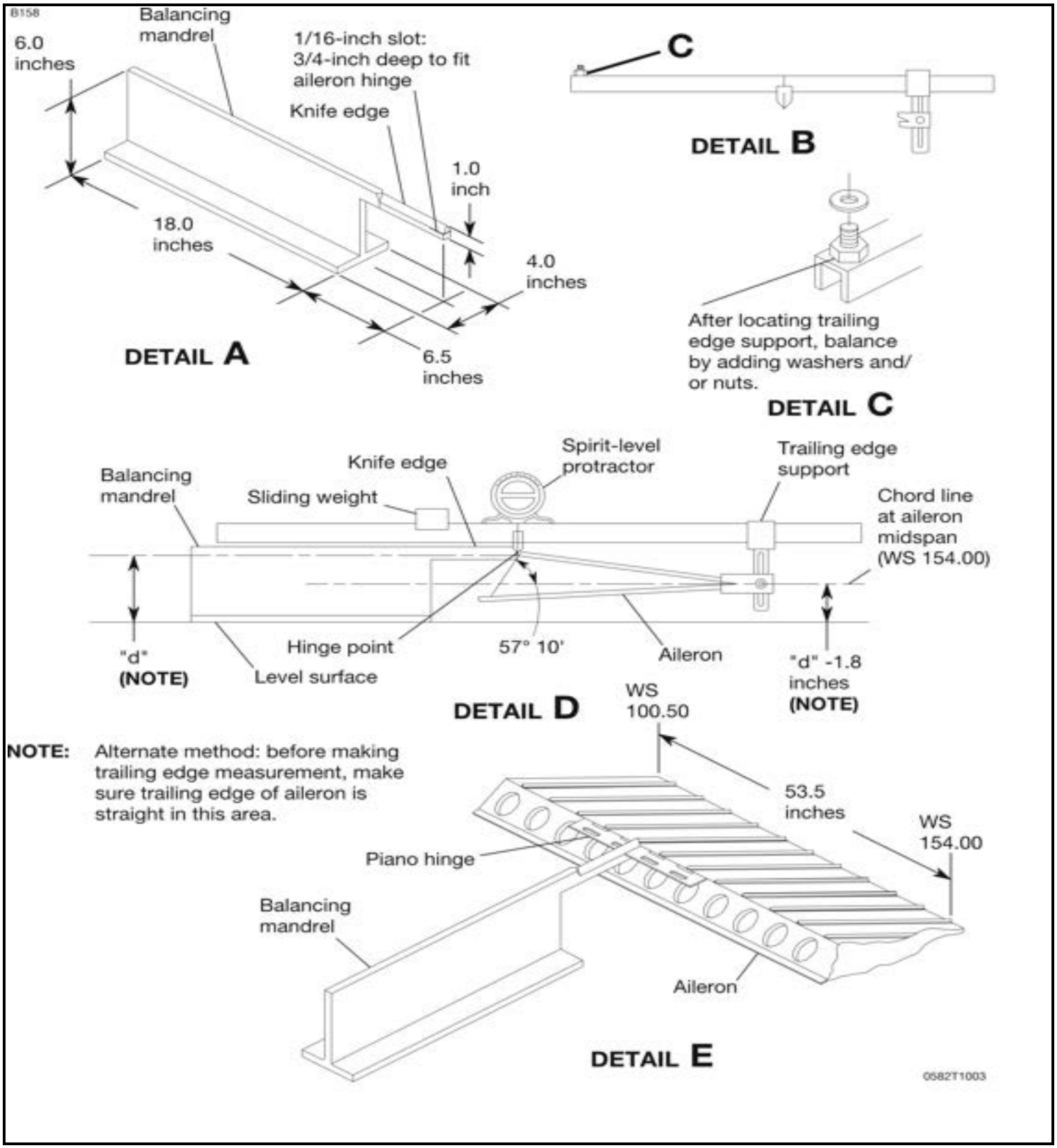
Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 2 : Sheet 3 : Balancing Control Surfaces



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 2 : Sheet 4 : Balancing Control Surfaces



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

REPAIRS - GENERAL

1. Introduction

A. Many components of the airframe structure are similar in design and fabrication. Examples of such items are sheet metal webs, formed structural shapes and extrusions.

B. Typical repairs to these and other items have been compiled in this section to eliminate the duplication of repairs under each applicable component. Repairs in this section apply to the member shown, regardless of location on the airplane structure (except as limited), and will include only those parts or members necessary to show the typical situation.

2. Usage

A. Typical repairs may be accomplished individually, or combined with other repairs for a major repair. Technique and material variation is permissible only so far as to facilitate fabrication and ensure the original strength and usefulness of the affected component.

3. Preparation for Repair

A. The airplane should be located in an area where, once positioned, minimum movement or relocation is required. The airplane should be leveled and supported as necessary. Refer to appropriate Maintenance Manual, Chapter 7, Jacking - Maintenance Practices and Chapter 8, Leveling - Maintenance Practices.

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

RIVETED ALUMINUM STRUCTURE REPAIR

1. Preparing Riveted Aluminum Structure For Repair

A. To prepare an area for repair, examine and classify the damage. Make a thorough check before beginning repairs. In some cases, a damaged part may be classified as needing replacement; however, after removal, closer inspection indicates the part may be repaired.

(1) Remove all ragged edges, dents, tears, cracks, punctures, and similar damages.

(2) Stop-drill all cracks using a No. 30 (0.128 inch) drill.

(3) Leave edges, after removal of damaged area, parallel to any square or rectangular edges of the unit.

(4) Round all corners

(5) Smooth out abrasions and dents

(6) Deburr all edges of repair and ensure that no nicks or scratches remain

(7) Brush all aluminum parts having rough edges with a solution of Iridite or alodine mixed in a ratio of one ounce of Iridite or alodine to one gallon of water, and rinse thoroughly.

(8) To restore original paint and corrosion protectant properties to factory standards, refer to appropriate Maintenance Manual, Chapter 20, Exterior Finish - Cleaning/Painting for refinishing procedures and required materials.

NOTE: Damage adjacent to a previous repair requires removal of the old repair and inclusion of the entire area in the new repair.

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

GLASS FABRIC REPAIR

1. General

A. The following procedures are for parts which are constructed of epoxy prepreg glass fabric.

2. Tools and Materials

NOTE: Equivalent substitutes may be used for the following:

NAME	NUMBER	MANUFACTURER	USE
Fiberglass	181 weight	Hexcel	Repair composite structures.
Polyethylene sheet		Commercially available	Cover patches while curing.
Adhesive	EA9394	Loctite Aerospace Bay Point, CA 94565	Adhesive resin.
Adhesive	EA9396	Loctite Aerospace	Adhesive resin.
Adhesive	Epon 815	Loctite Aerospace	Adhesive resin.
Methyl Propyl Ketone		Commercially available	Cleaning solvent.
Sandpaper	Various grits	Commercially available	Abrading, smoothing.
Rubber sheet		Commercially available	Cover patches when applying pressure.

3. Repair Of Glass Fabric Parts

A. The procedures listed below are for repairing of glass fabric parts. Refer to Figure 801 for an illustration of a typical glass fabric repair.

(1) Cut and trim area immediately beyond damage. If parts were painted, remove paint and sand clean an area at least 1-1/2 inches larger in diameter than the cut out section.

(2) Prepare necessary size and number of patches of glass fabric style No. 181.

WARNING: Always follow manufacturer's mixing instructions carefully to ensure proper cure and prevent a spontaneous fire.

(3) Mix sufficient amount of resin in accordance with manufacturers instructions.

(4) Ensure that hands are free from oil, grease, and dirt, and apply an even coat of resin on sanded area.

(5) Impregnate all the glass fabric patches by laying them on a polyethylene sheet and working the resin through the glass fabric with a small brush.

(6) Place larger patch over cutout area, working out all air bubbles and wrinkles.

(7) If cutout is large enough to cause the patch to sag, place a suitable support behind repair area.

(8) Apply a second patch over the first patch, working out all wrinkles and air bubbles.

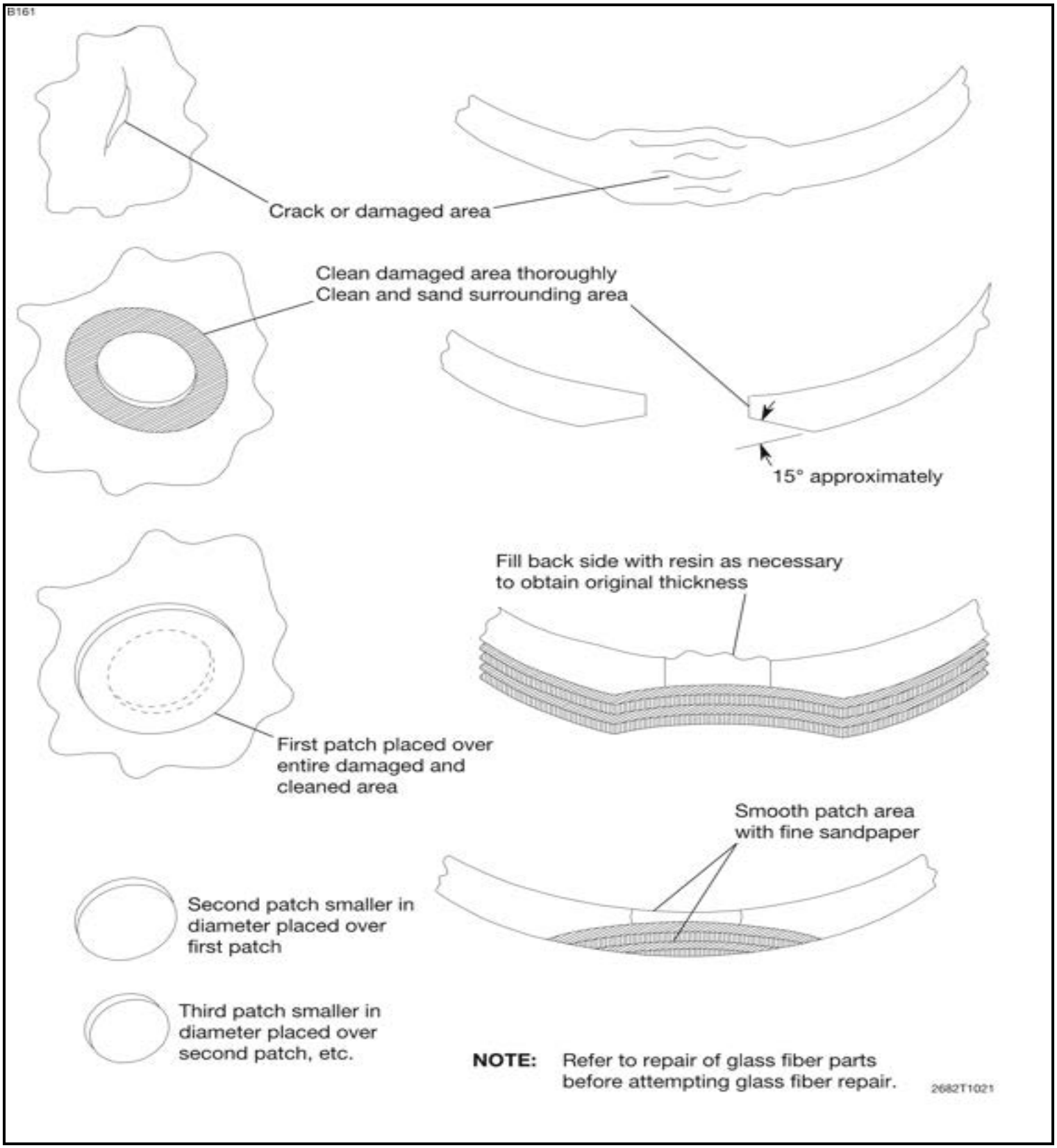
(9) After all patches have been applied, brush the area with an even coat of resin and allow to cure. Curing time is 24 hours at 77°F.

(10) Smooth patched area with 600-grit sandpaper until desired finish is obtained.

(11) Repaint finished area with matching paint. Refer to the applicable Maintenance Manual, Chapter 20, Exterior Finish - Cleaning/Painting for painting procedures.

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 801 : Sheet 1 : Typical Glass Fiber Panel Repair



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

REPAIR OF THERMO-FORMED THERMO PLASTIC COMPONENTS

1. Thermo-formed Thermo Plastic Repair

A. Repair of puncture or holes in thermo-formed plastics can be made by trimming out the damaged area, removing any paint in the area, and installing an overlapping, beveled, or flush patch of identical material. Doublers may be installed behind the patch where additional strength is desired. MPK, or any commercially available solvent that will soften and dissolve the plastic, may be used as the bonding agent. Dissolving some of the plastic shavings in the solvent will furnish additional working time. Moderate pressure is recommended for best results. Curing time will vary with the agent used, but repairs should not be strained until fully cured. Cracks can be repaired by saturating the crack itself with the solvent, then filling with an epoxy filler or a paste made of the plastic shavings and the solvent. Again, the crack may be reinforced with a doubler on the back side for additional strength. After the repair has been made, the area may be sanded smooth and painted. Parts that are extensively damaged should be replaced instead of repaired.

2. Temporary Repairs

A. Crack Repair

(1) It is permissible to stop drill crack(s) that originate at the edge of a fairing if the crack is less than 2 inches (50 mm) in length.

(a) Stop drill the crack with a Number 30 (0.128 inch diameter) drill bit.

(b) A crack may be stop drilled only once.

NOTE: A crack that passes through a fastener hole and does not extend to the edge of the part, may be stop drilled at both ends of the crack.

(c) Any fairing that has a crack that progresses past a stop drilled hole must be repaired or replaced.

(d) A fairing that has any of the following conditions must have a repair made as soon as practical:

1 A crack that is longer than 2 inches (50 mm).

2 Cracks in more than 10 percent of the attach fastener locations per fairing.

(2) Fairings, with a stop drilled crack that does not extend past the stop drilled hole, may remain in service until the next 100 hour or equivalent inspection.

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

TYPICAL SKIN REPAIRS

1. General

A. Damage which would involve a typical skin repair can be described as damage that requires modification, such as material replacement or patching. Skin damage in the form of dents, scratches, or punctures requires a patch. Refer to Figure 801, for an illustration of typical skin repairs. Refer to Figure 802 for corrugated skin repairs.

2. Guidelines for Corrugated Skin Crack Repairs

A. Corrugated Aileron Skin Repair:

(1) It is permissible to stop drill crack(s) that originate at the trailing edge of the control surface provided the crack(s) is(are) not more than 2 inches in length.

(2) Stop dill crack(s) using a Number 30 (0.128 inch diameter) drill.

(3) A crack may only be stop dilled once.

NOTE: A crack that passes through a trailing edge rivet and does not extend to the trailing edge of the skin may be stop drilled at both ends of the crack.

(4) Any control surface that has a crack that progresses past a stop drilled hole shall be repaired or replaced.

(5) A control surface that has any of the following conditions shall have a repair made as soon as practical:

(a) A crack that is longer than 2 inches.

(b) A crack that does not originate from the trailing edge or a trailing edge rivet.

(c) Cracks in more than six trailing edge rivet locations per skin.

(6) Affected control surfaces with corrugated skins and having a stop drilled crack that does not extend past the stop drilled hole, may remain in service without additional repair.

(7) Refer to Figure 802 as applicable for repair information.

B. Corrugated Flap Skin Repair:

(1) It is permissible to stop drill crack(s) that originate at the trailing edge of the control surface provided the crack(s) is(are) not more than 2 inches in length.

(2) Stop dill crack(s) using a Number 30 (0.128 inch diameter) drill.

(3) A crack may only be stop dilled once.

NOTE: A crack that passes through a trailing edge rivet and does not extend to the trailing edge of the skin may be stop drilled at both ends of the crack.

(4) Any control surface that has a crack that progresses past a stop drilled hole shall be repaired or replaced.

(5) A control surface that has any of the following conditions shall have a repair made as soon as practical:

(a) A crack that is longer than 2 inches.

(b) A crack that does not originate from the trailing edge or a trailing edge rivet.

(c) Cracks in more than six trailing edge rivet locations per skin.

(6) Affected control surfaces with corrugated skins and having a stop drilled crack that does not extend past the stop drilled hole, may remain in service without additional repair.

(7) Refer to Figure 802 as applicable for repair information.

C. Corrugated Elevator Skin Repair:

(1) It is permissible to stop drill crack(s) that originate at the trailing edge of the control surface provided the crack(s) is(are) not more than 2 inches in length.

(2) Stop dill crack(s) using a Number 30 (0.128 inch diameter) drill.

(3) A crack may only be stop dilled once.

NOTE: A crack that passes through a trailing edge rivet and does not extend to the trailing edge of the skin may be stop drilled at both ends of the crack.

(4) Any control surface that has a crack that progresses past a stop drilled hole shall be repaired or replaced.

(5) A control surface that has any of the following conditions shall have a repair made as soon as practical:

(a) A crack that is longer than 2 inches.

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

(b) A crack that does not originate from the trailing edge or a trailing edge rivet.

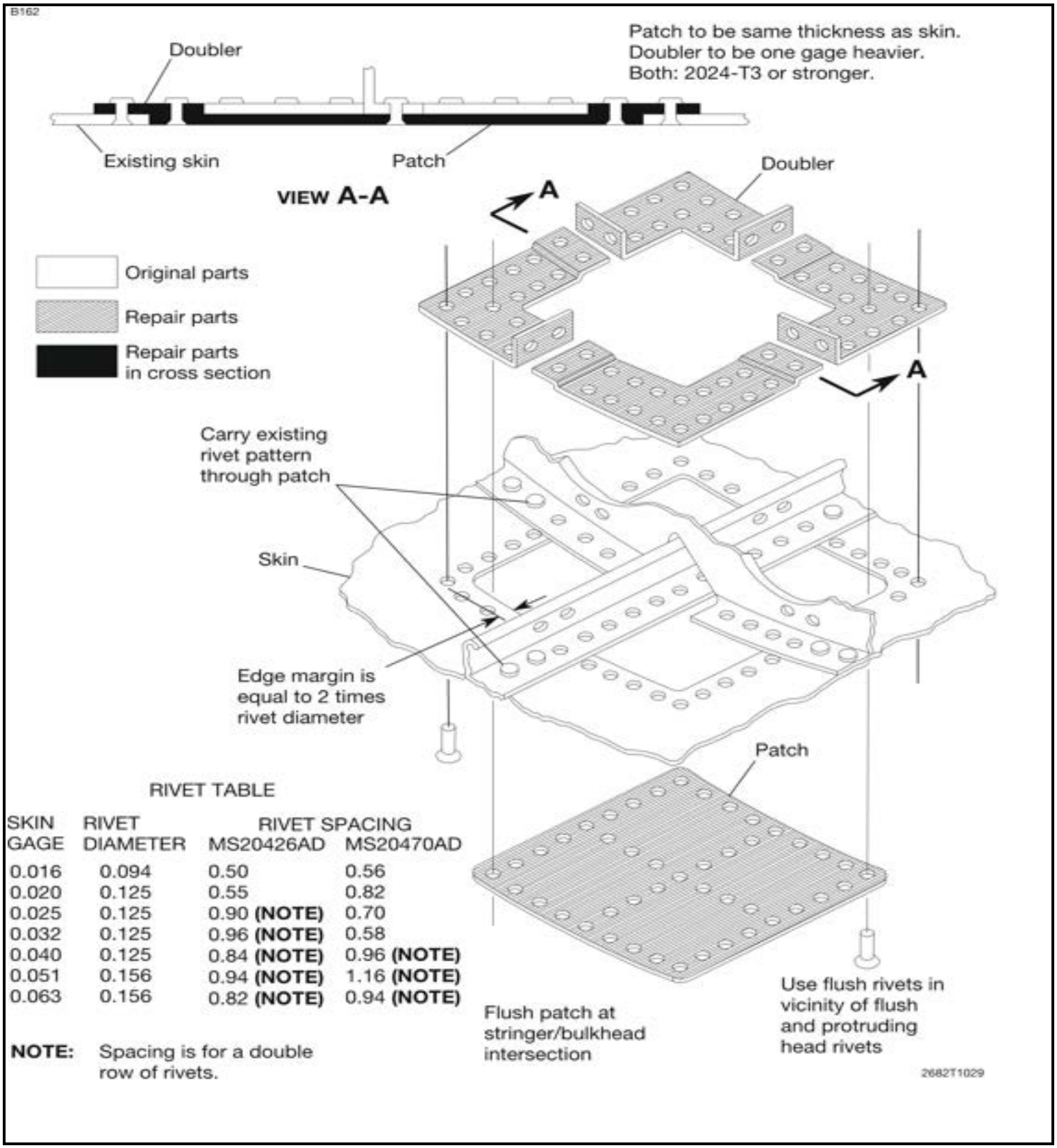
(c) Cracks in more than six trailing edge rivet locations per skin.

(6) Affected control surfaces with corrugated skins and having a stop drilled crack that does not extend past the stop drilled hole, may remain in service without additional repair.

(7) Refer to Figure 802 as applicable for repair information.

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 801 : Sheet 1 : Skin Repair



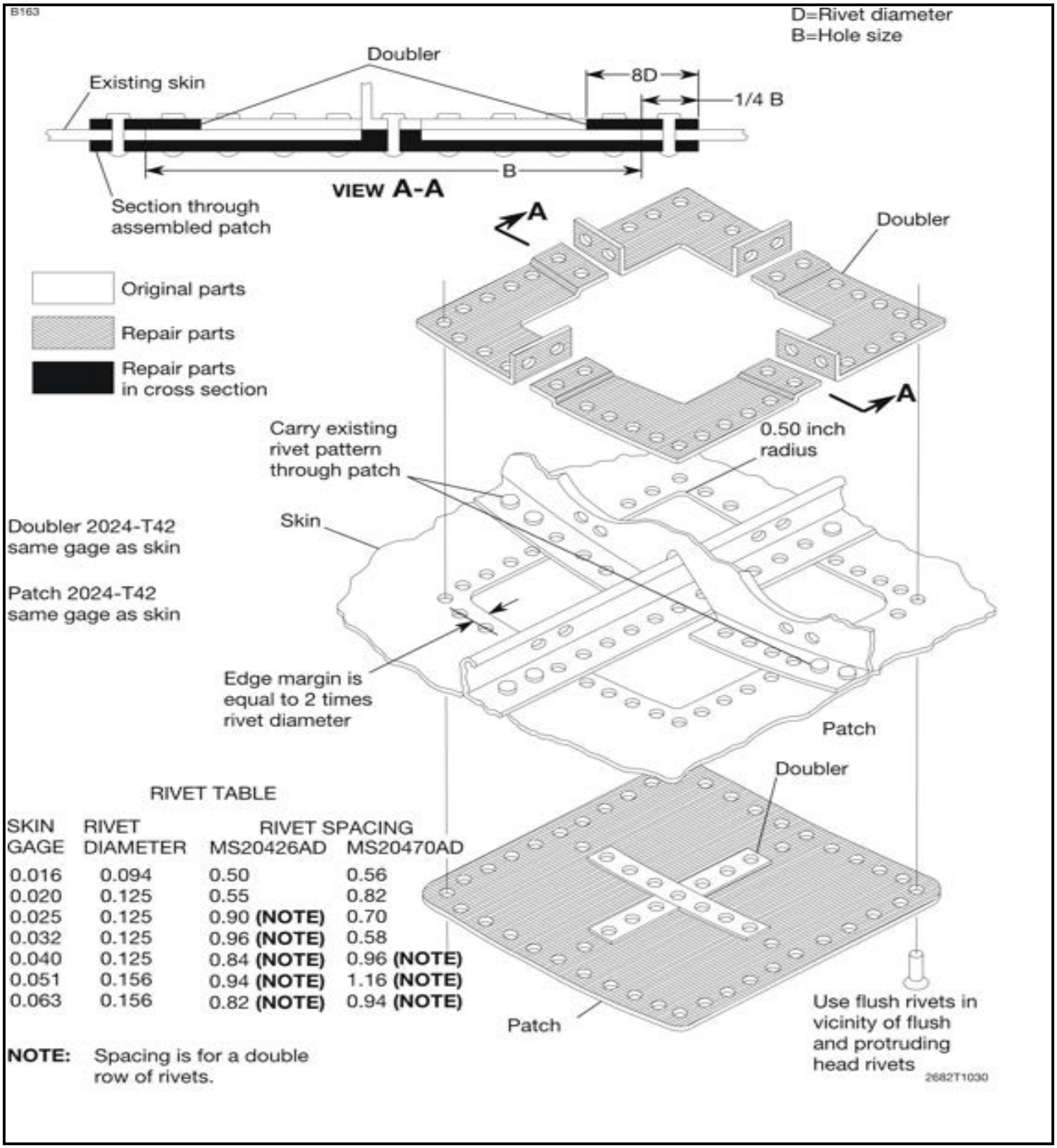
RIVET TABLE

SKIN GAGE	RIVET DIAMETER	RIVET SPACING MS20426AD	MS20470AD
0.016	0.094	0.50	0.56
0.020	0.125	0.55	0.82
0.025	0.125	0.90 **(NOTE)**	0.70
0.032	0.125	0.96 **(NOTE)**	0.58
0.040	0.125	0.84 **(NOTE)**	0.96 **(NOTE)**
0.051	0.156	0.94 **(NOTE)**	1.16 **(NOTE)**
0.063	0.156	0.82 **(NOTE)**	0.94 **(NOTE)**

NOTE: Spacing is for a double row of rivets.

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 801 : Sheet 2 : Skin Repair



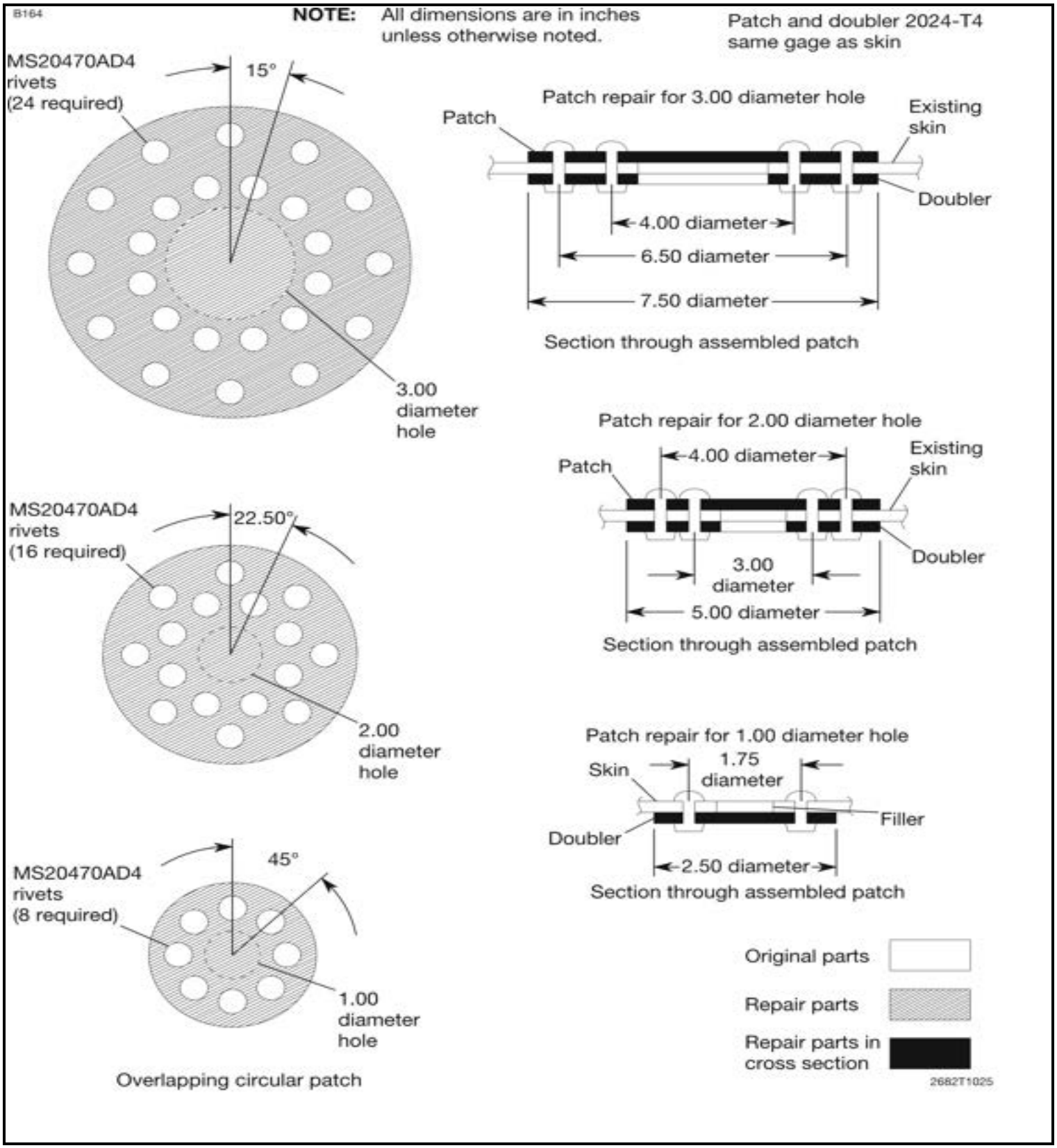
RIVET TABLE

SKIN GAGE	RIVET DIAMETER	RIVET SPACING MS20426AD	MS20470AD
0.016	0.094	0.50	0.56
0.020	0.125	0.55	0.82
0.025	0.125	0.90 **(NOTE)**	0.70
0.032	0.125	0.96 **(NOTE)**	0.58
0.040	0.125	0.84 **(NOTE)**	0.96 **(NOTE)**
0.051	0.156	0.94 **(NOTE)**	1.16 **(NOTE)**
0.063	0.156	0.82 **(NOTE)**	0.94 **(NOTE)**

NOTE: Spacing is for a double row of rivets.

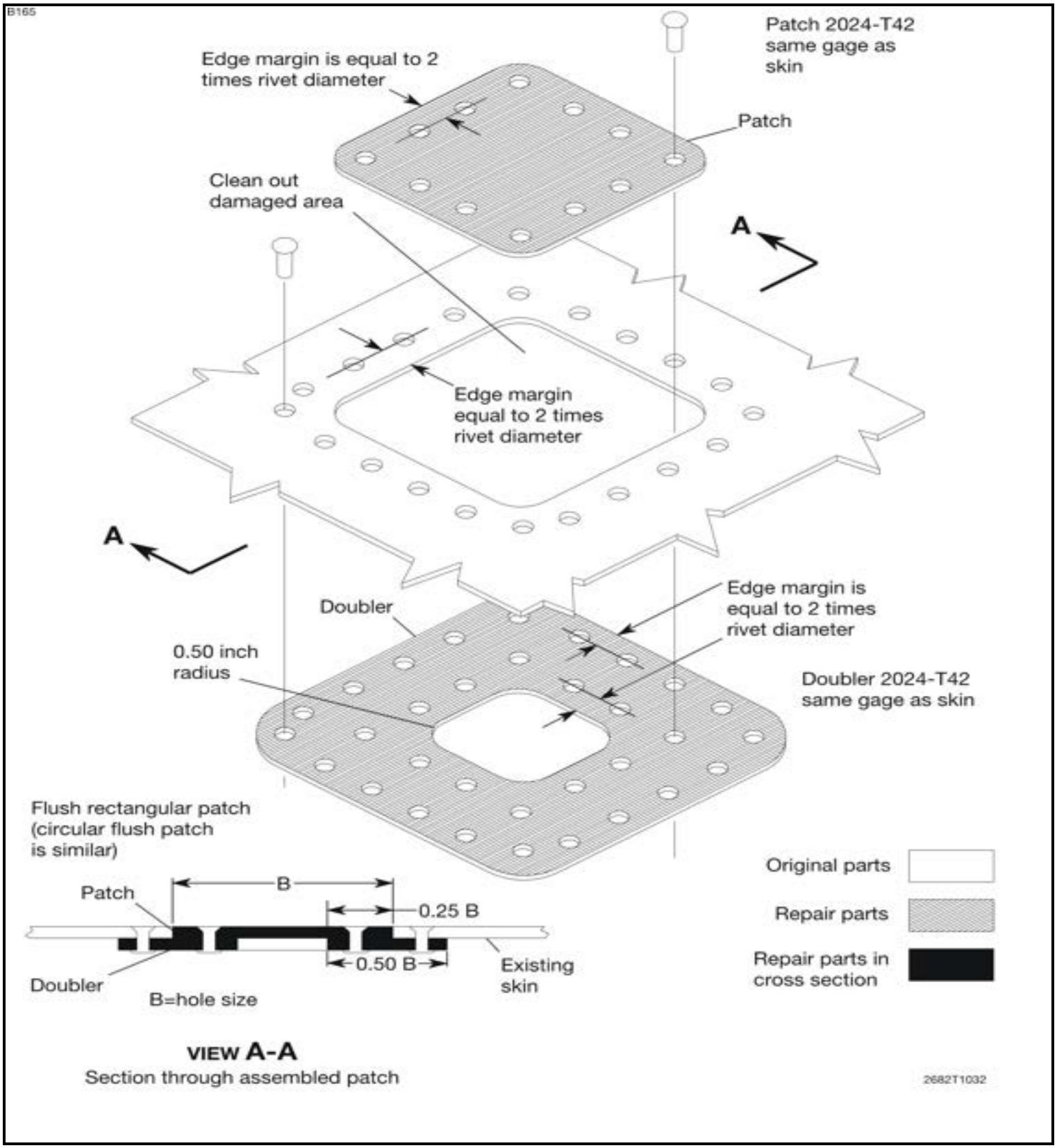
Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 801 : Sheet 3 : Skin Repair



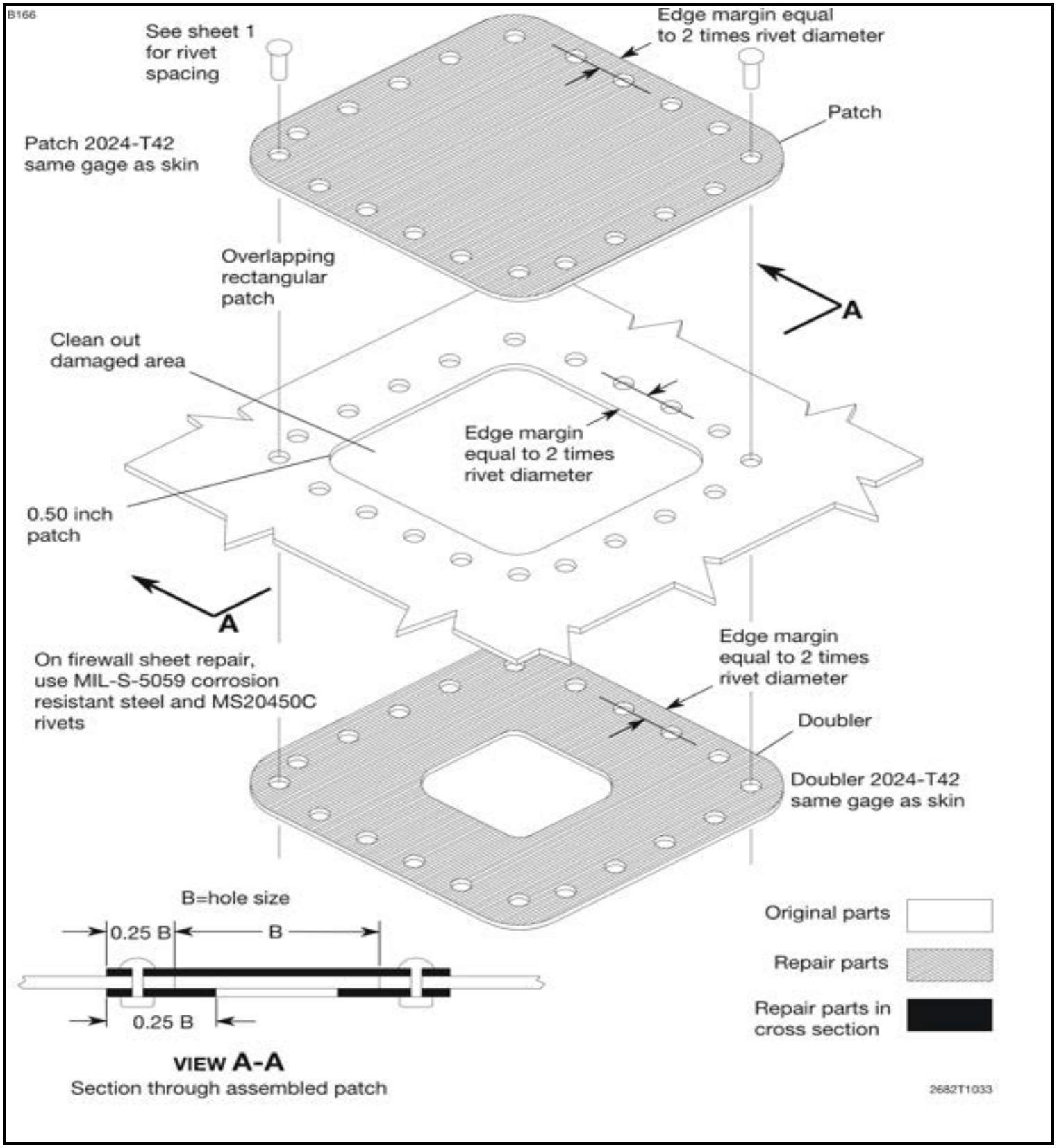
Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 801 : Sheet 4 : Skin Repair



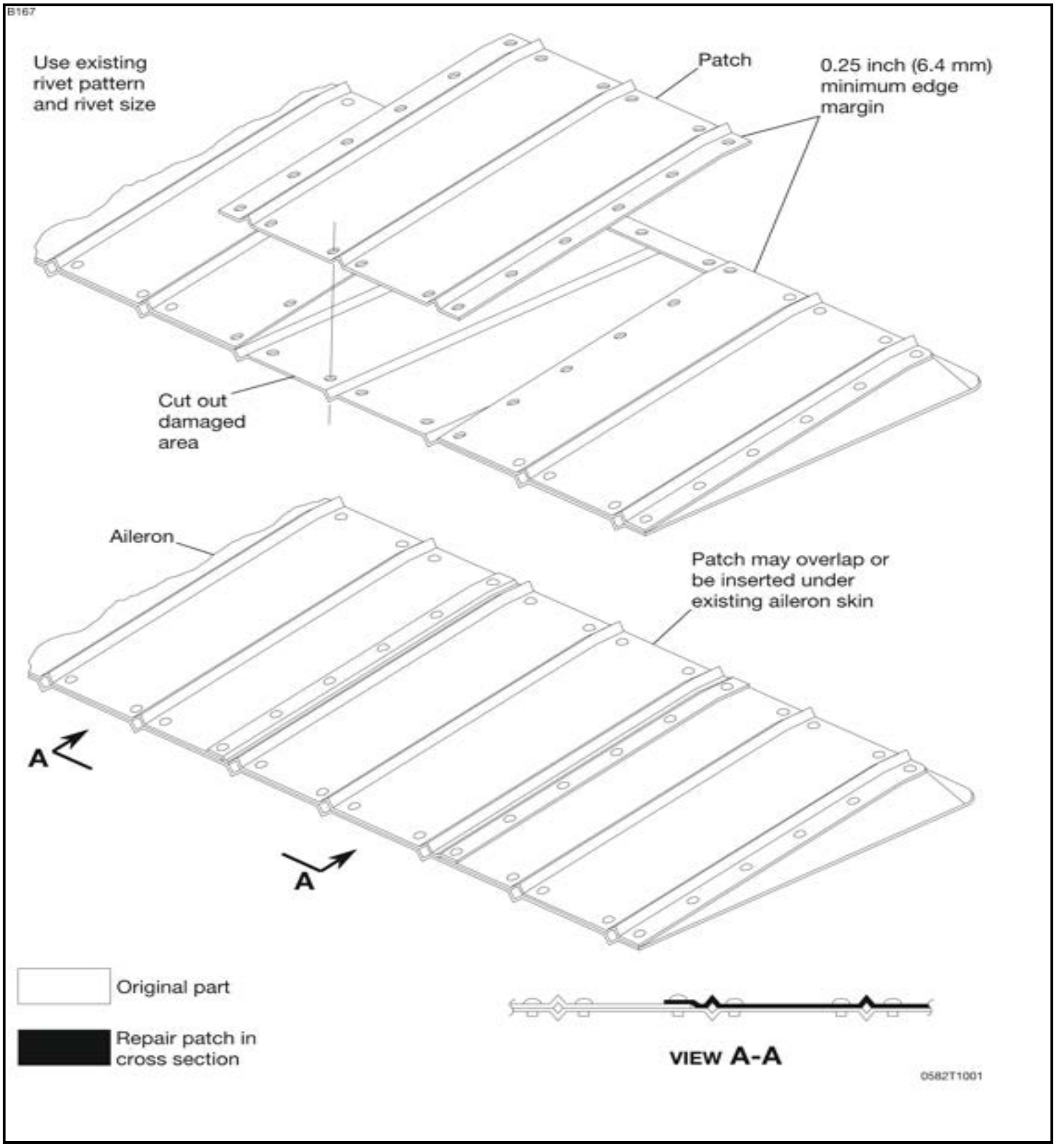
Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 801 : Sheet 5 : Skin Repair



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 802 : Sheet 1 : Corrugated Skin Repair



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

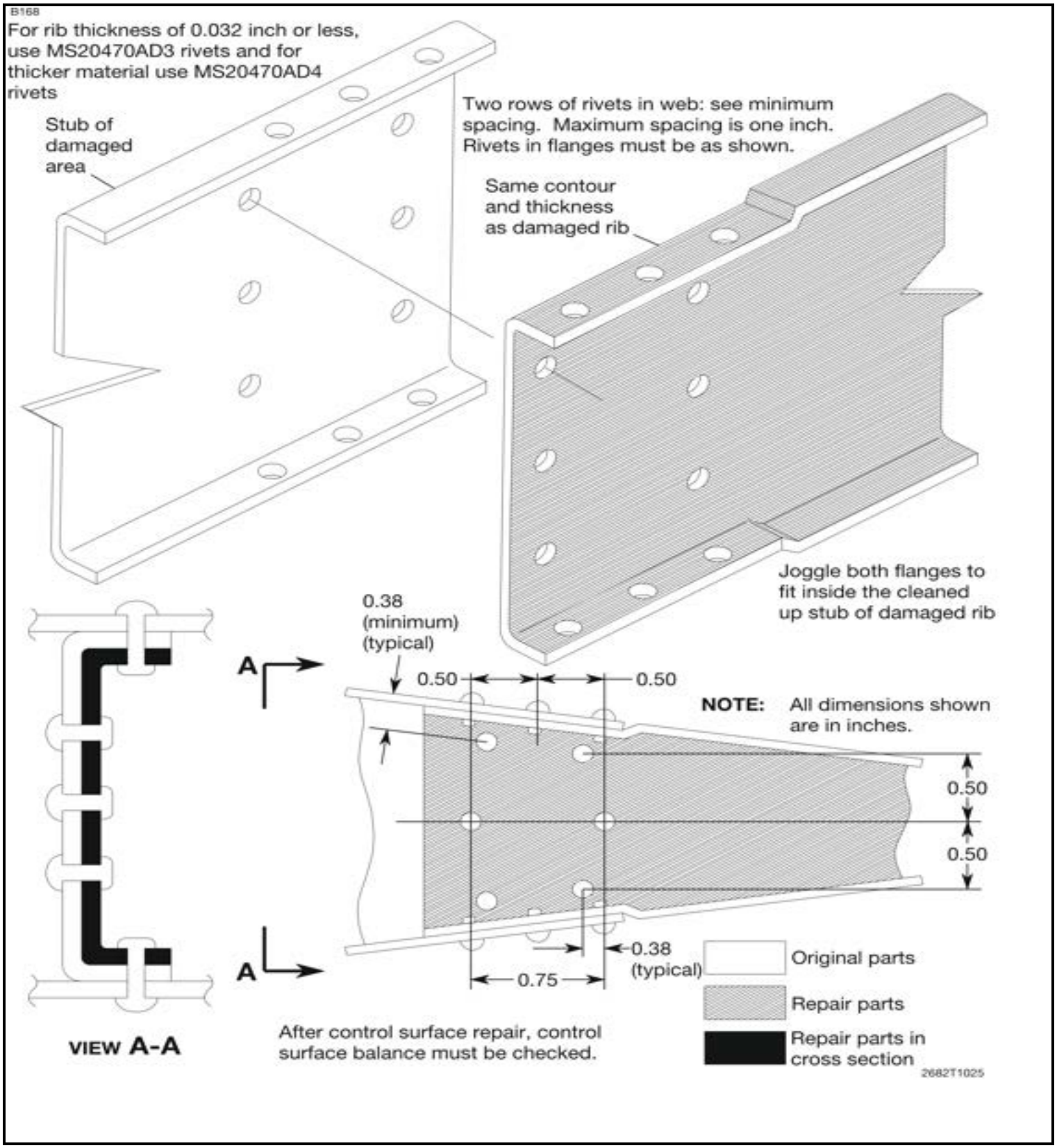
CONTROL SURFACE REPAIR

1. General

A. Damage which would involve a control surface repair: After the repair is completed, the control surface balance must be checked as described in Flight Control Surface Balancing. Refer to Figures 801 and 802 which illustrate typical control surface repairs.

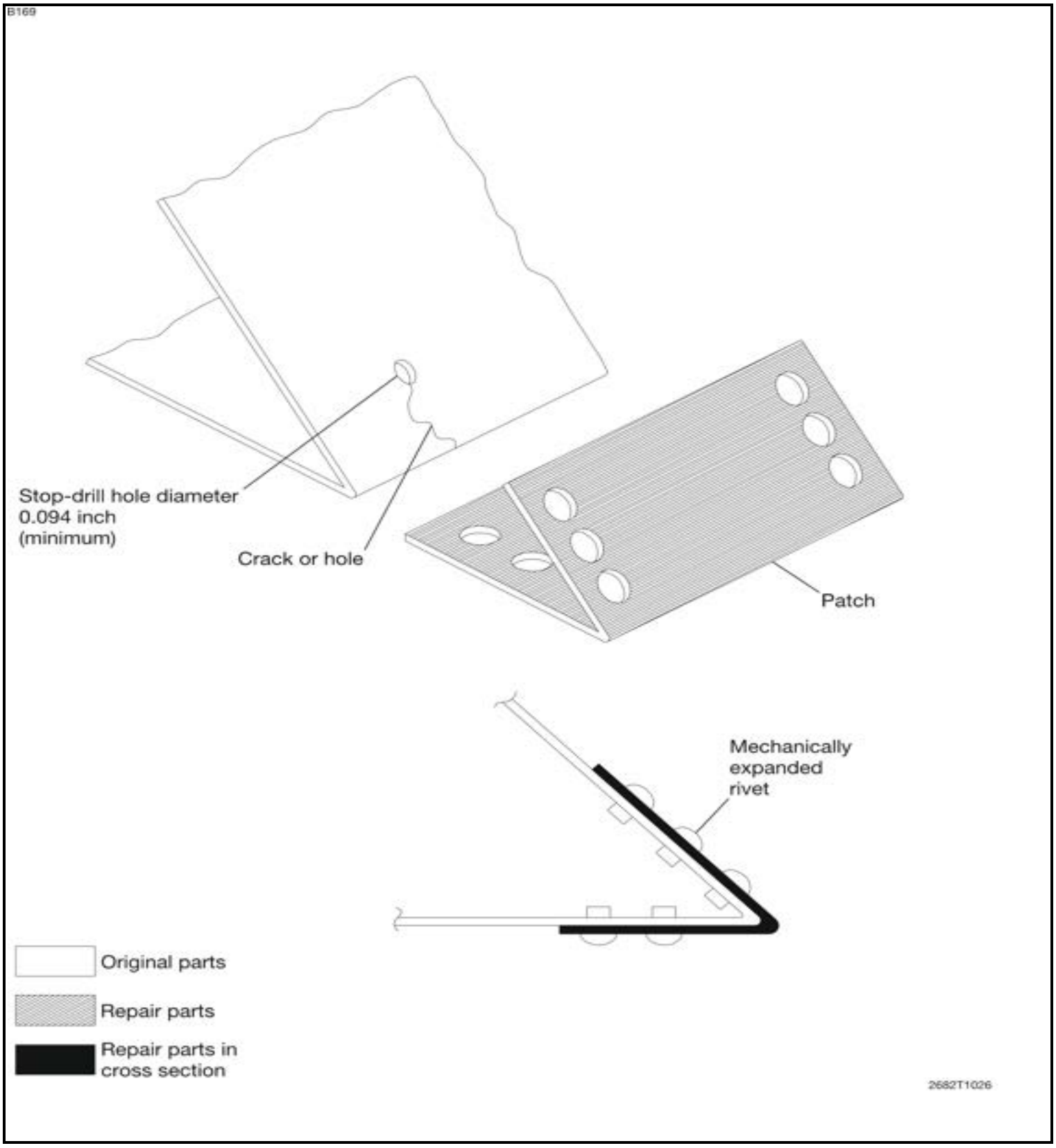
Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 801 : Sheet 1 : Typical Control Surface Rib Repair



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 802 : Sheet 1 : Typical Control Surface Trailing Edge Repair



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

DOORS - GENERAL

1. General

A. Chapter 52 describes general repair practices, materials and procedures which are applicable to the doors and door structure.

B. If questions arise concerning approved repairs or for repairs not shown in this section, contact Cessna Propeller Aircraft Product Support.

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

DOOR DAMAGE CLASSIFICATION

1. Repairable Damage

A. Bonded doors may be repaired by the same methods used for riveted structure. Rivets are a satisfactory substitute for bonded seams on these assemblies. The strength of the bonded seams in doors may be replaced by a single 3/32, 2117-AD rivet per running inch of bond seam. The standard repair procedures outlined in AC43.13-1b are also applicable to bonded doors.

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

FUSELAGE - GENERAL

1. General

A. Chapter 53 describes general repair practices, materials and procedures which are applicable to the Fuselage and Fuselage Structure. Refer to Figure 1 for illustrations of fuselage stations.

B. For repairs beyond the scope of this chapter, refer to Chapter 51, Typical Skin Repairs.

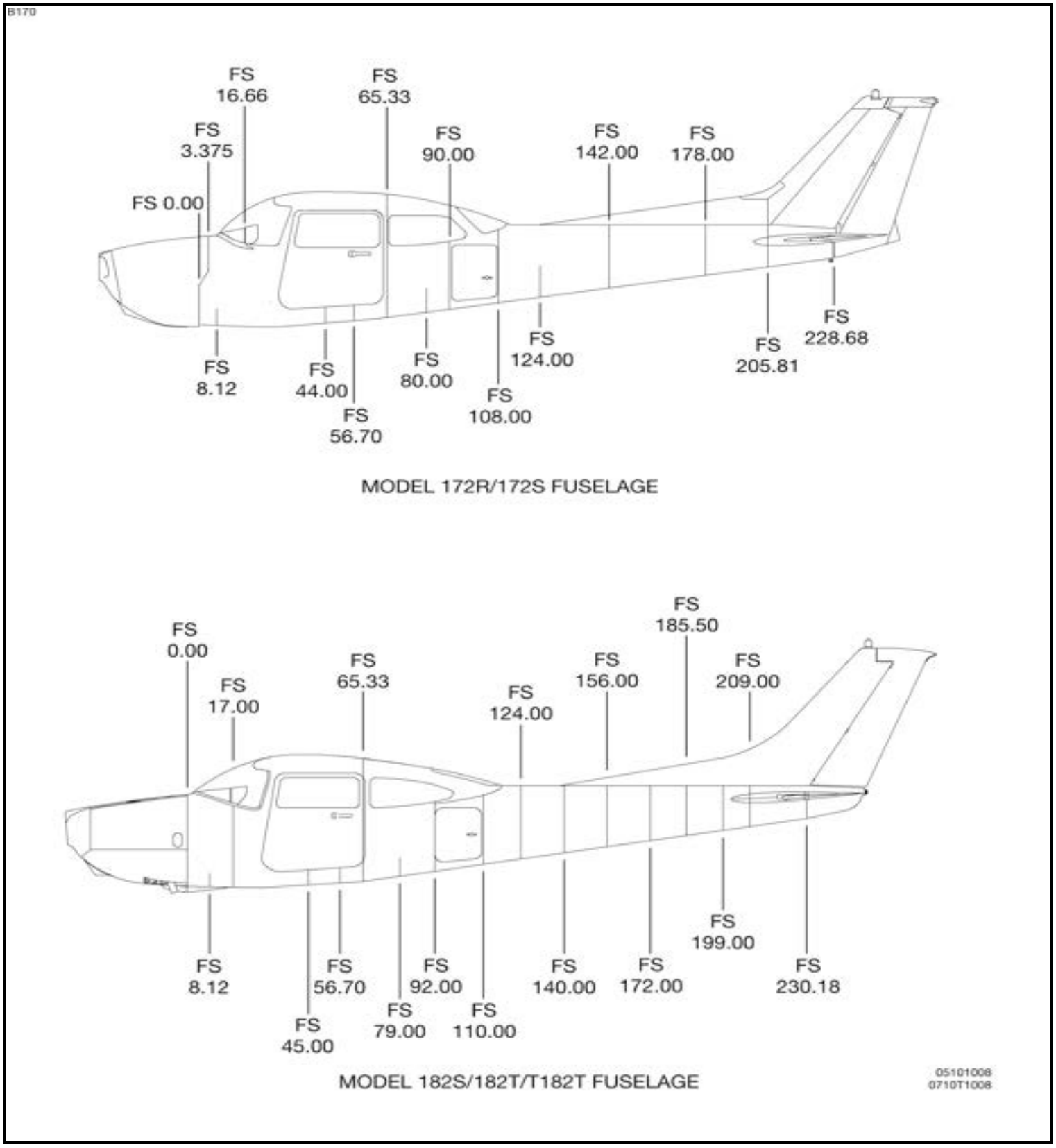
2. Fuselage

A. The fuselage is of semimonocoque construction and consists of formed bulkheads, longitudinal stringers, reinforcing channels and skin panels.

B. If questions arise concerning approved repairs or for repairs not shown in this section, contact Cessna Propeller Aircraft Product Support.

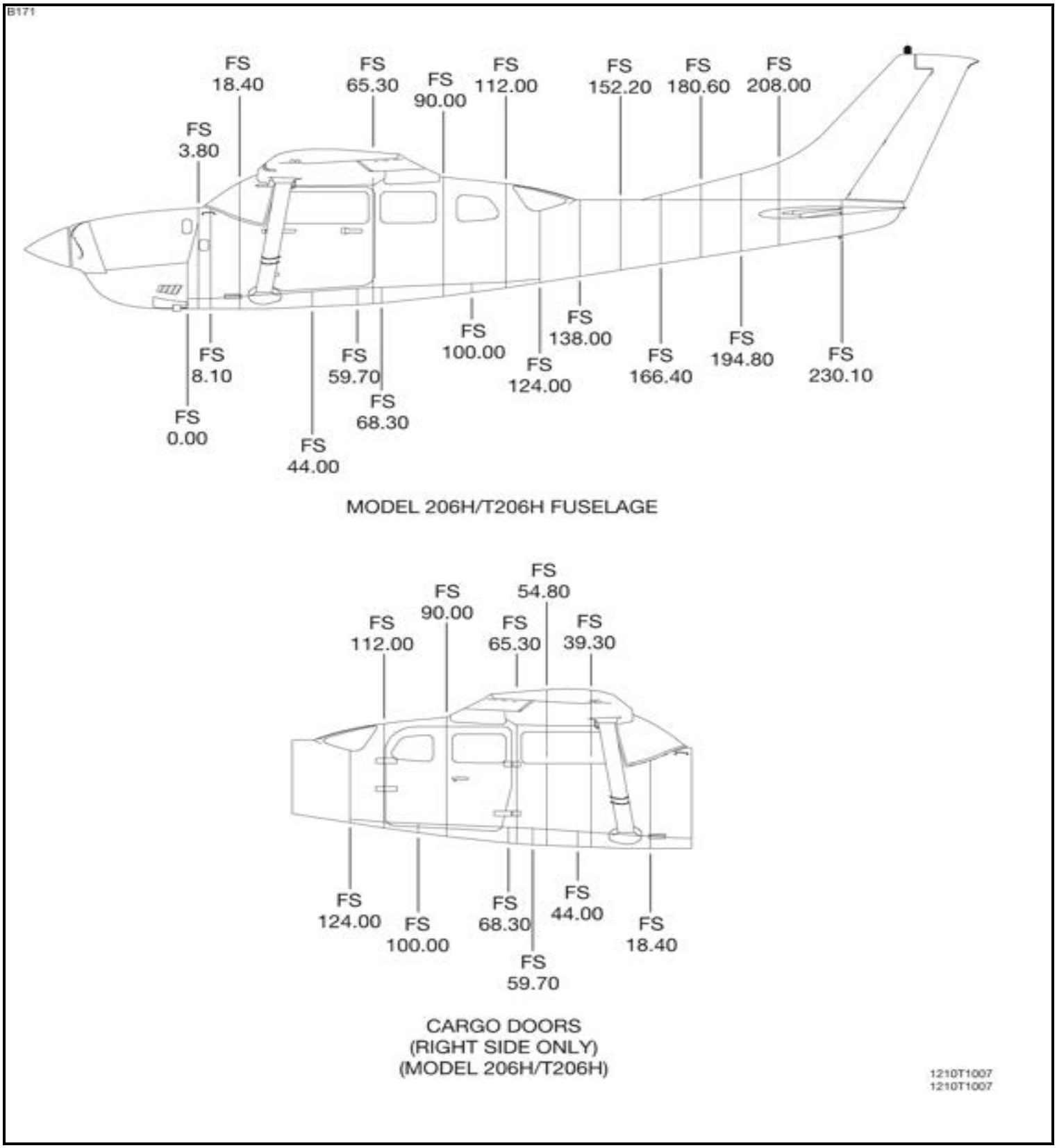
Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 1 : Sheet 1 : Fuselage Stations



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 1 : Sheet 2 : Fuselage Stations



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

FUSELAGE DAMAGE CLASSIFICATION

1. General

A. Damage to the fuselage can be divided into three major categories; negligible damage, repairable damage, and major replacement damage. The categories are provided to assist in determining the extent and criticalness of any damage.

2. Negligible Damage

A. Any smooth dents in the fuselage skin that are free from cracks, abrasions, and sharp corners, and which are not stress wrinkles and do not interfere with any internal structure or mechanism, may be considered as negligible damage. In areas of low stress intensity, cracks, deep scratches, or deep, sharp dents - which after trimming or stop-drilling can be enclosed by a two-inch circle - can be considered negligible if the damaged area is at least one diameter of the enclosing circle away from all existing rivet lines and material edges. Stop drilling is considered a temporary repair and a permanent repair must be made as soon as practical.

B. Mild corrosion appearing upon clad aluminum surfaces does not necessarily indicate incipient failure of the base metal. However, corrosion of all types must be carefully considered, and approved remedial action taken.

C. Small cans appear in the skin structure of all metal airplanes and should not necessarily be a cause for concern. However. It is strongly recommended that wrinkles which appear to have originated from other sources, or which do not follow the general appearance of the remainder of the skin panels, be thoroughly investigated. Except in the landing gear bulkhead areas, wrinkles occurring over stringers which disappear when the rivet pattern is removed, may be considered negligible. However, the stringer rivet holes may not align perfectly with skin holes because of a permanent "set" in the stringer. If this is apparent, replacement of the stringer will usually restore the original strength characteristics of the area.

NOTE: Wrinkles occurring in the skin of the main landing gear bulkhead areas must not be considered negligible. The skin panel must be opened sufficiently to permit a thorough examination of the lower portion of the landing gear bulkhead and its tie-in structure.

D. Wrinkles occurring in open areas which disappear when the rivets at the edge of the sheet are removed, or a wrinkle which is hand removable, may often be repaired by a 1/2 inch x 1/2 inch x 0.050 inch 2024-T42 extruded angle or a heavy “J” section. The angle should be inserted fore and aft across the center of the wrinkle and should extend to within 1/16 inch to 1/8 inch of the fuselage bulkheads comprising the end of the bay. Rivet pattern should be similar to existing manufactured seam at edge of sheet.

E. Negligible damage to stringers, formed skin flanges, bulkhead channel and like parts is similar to that for the wing skin. Refer to Chapter 57, Wing Damage Classification for a definition of negligible damage to these components.

3. Repairable Damage

A. If a skin is badly damaged, repair must be made by replacing an entire skin panel, from one structural member to the next. Repair seams must be made to lie along structural members and each seam must be made exactly the same in regard to rivet size, spacing and pattern as the manufactured seams at the edges of the original sheet. If the manufactured seams are different, the stronger must be copied. If the repair ends at a structural member where no seam is used, enough repair panel must be used to allow an extra row of staggered rivets, with sufficient edge margin to be installed.

B. Typical methods of repair for skins, bulkheads, stringers, and channels are illustrated in Chapter 51, Typical Skin Repairs. Before repairs are attempted, all cracks or deep scratches must be stop-drilled with a No. 30 (0.128 inch) drill and all sharp corners and ragged edges must be trimmed away and deburred.

4. Replacement Damage

A. All forgings and castings of any material and structural parts made of steel must be replaced if damaged. Structural members of a complicated nature that have been distorted or wrenched should be replaced. Seat rails serve as structural parts of the fuselage and must be replaced if damaged.

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

CABIN BULKHEAD REPAIR

1. General

A. Bulkheads are comprised of formed "C" channel sections. The principal material of construction is 2024-0 Alclad aluminum alloy which, after forming, is heat-treated to a 2024-T42 condition. All bulkheads in the fuselage are of the formed sheet metal or the reinforced formed sheet metal type.

2. Repair of Webs or Flanges

A. The following procedures are for the repair of cracked bulkhead webs or flanges.

(1) Acceptable methods of repairing various types of cracks occurring in service are shown in Figures 801 and 802.

(2) Stop-drill No. 30 (0.128 inch) minimum holes at extreme ends of cracks to prevent further cracking.

(3) Reinforcements should be added to carry stresses across damaged portion and stiffen the joints.

NOTE: The condition causing such cracks to develop at a particular point may be stress concentration at that point, in conjunction with repetition of stress (such as produced by vibration of the structure). The stress concentration may be due to defects such as nicks, scratches, tool marks, and initial stresses or cracks from forming or heat-treating operations. An increase in sheet thickness alone is usually beneficial but does not necessarily remedy the condition leading to the cracking. Patch-type repairs are generally employed and are usually satisfactory in restoring the original material strength characteristics.

3. Repair of Channels

A. The following procedures are for the repair of severely bent, kinked, or torn channels.

(1) If practical, severely bent, kinked, or torn portions of bulkheads should be removed and replacement sections installed and joined at the original splice joint.

(2) If the procedure outlined in the preceding step is not justified, cutting away the damaged portion and inserting a trimmed portion of the original section, adequately reinforced by splice plates or doublers, will prove satisfactory. This is knownas an insertion-type patch.

4. Landing Gear Bulkheads

A. Landing gear bulkheads are highly stressed members, irregularly formed to provide clearance for control cables, fuel and brake lines. Patch type repairs on these bulkheads are, for the most part, impractical. Minor damage, consisting of small nicks or scratches, may be repaired by dressing out the damaged area, or by replacement of fasteners. Any other damage must be repaired by replacing the landing gear support assembly as an aligned unit.

5. Repair After Hard Landing

A. Buckled skin or floor boards, and loose or sheared rivets in the area of the main gear support are indications of damage to structure from an extremely hard landing. When such evidence is present, the entire support structure must be examined and all support forgings must be checked for cracks.

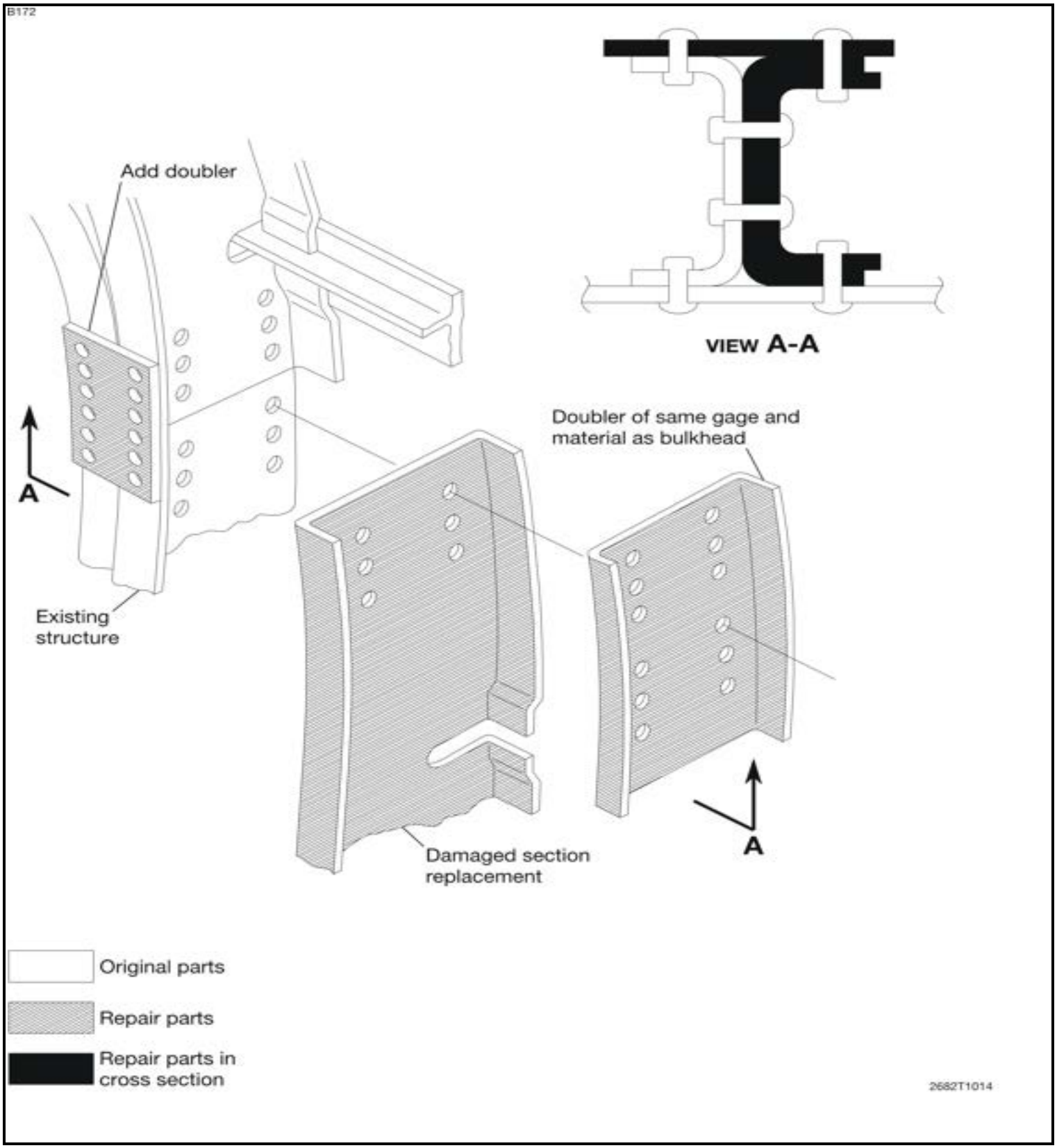
(1) Use fluorescent dye penetrant and magnification to examine for cracks.

B. Bulkheads in the damaged area must be checked for alignment. Deformation of bulkhead webs must be checked using a straightedge.

C. Damaged support structure, buckled floorboards and skins, and damaged or questionable forgings must be replaced.

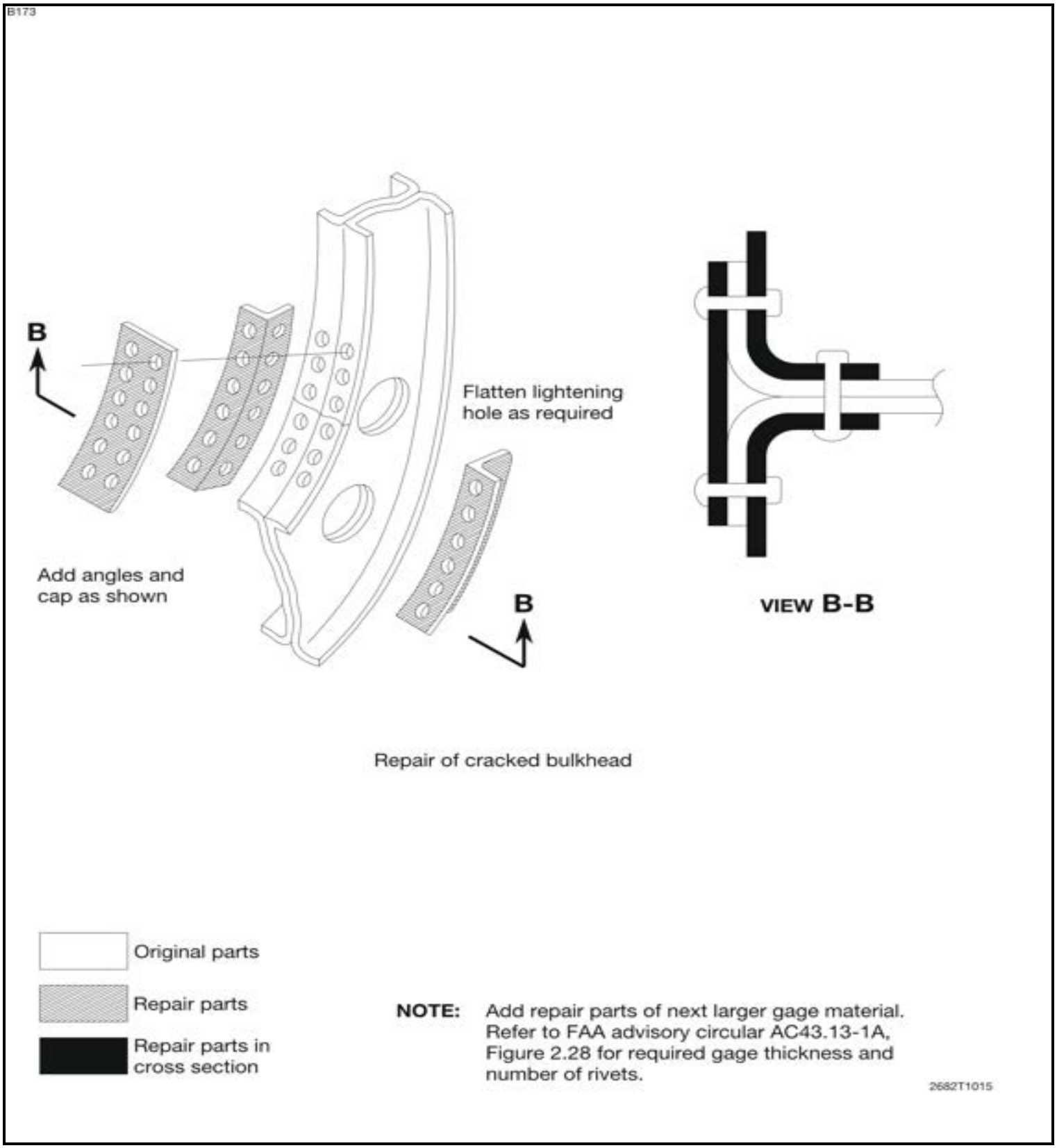
Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 801 : Sheet 1 : Typical Cabin Bulkhead Repair



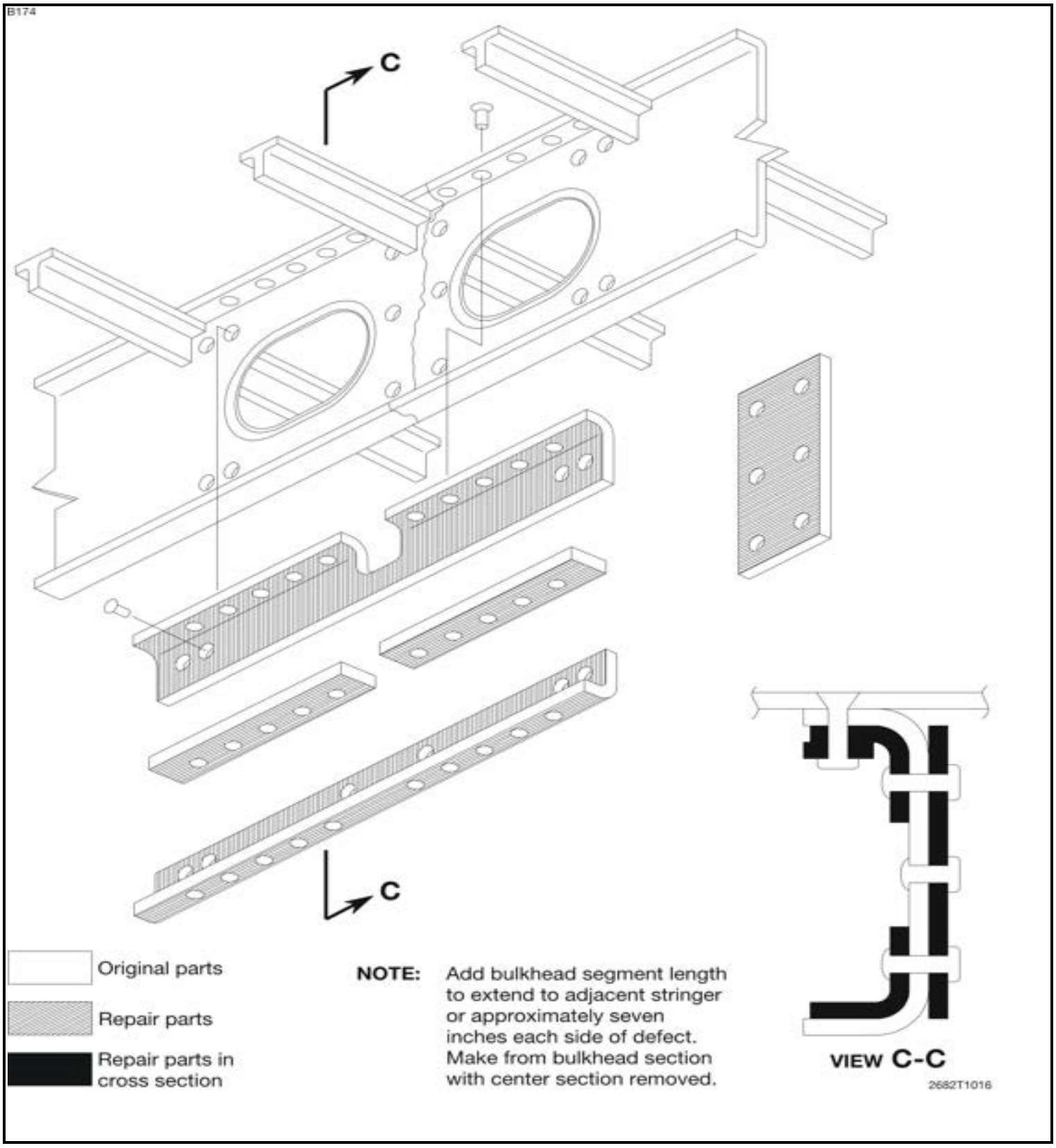
Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 801 : Sheet 2 : Typical Cabin Bulkhead Repair



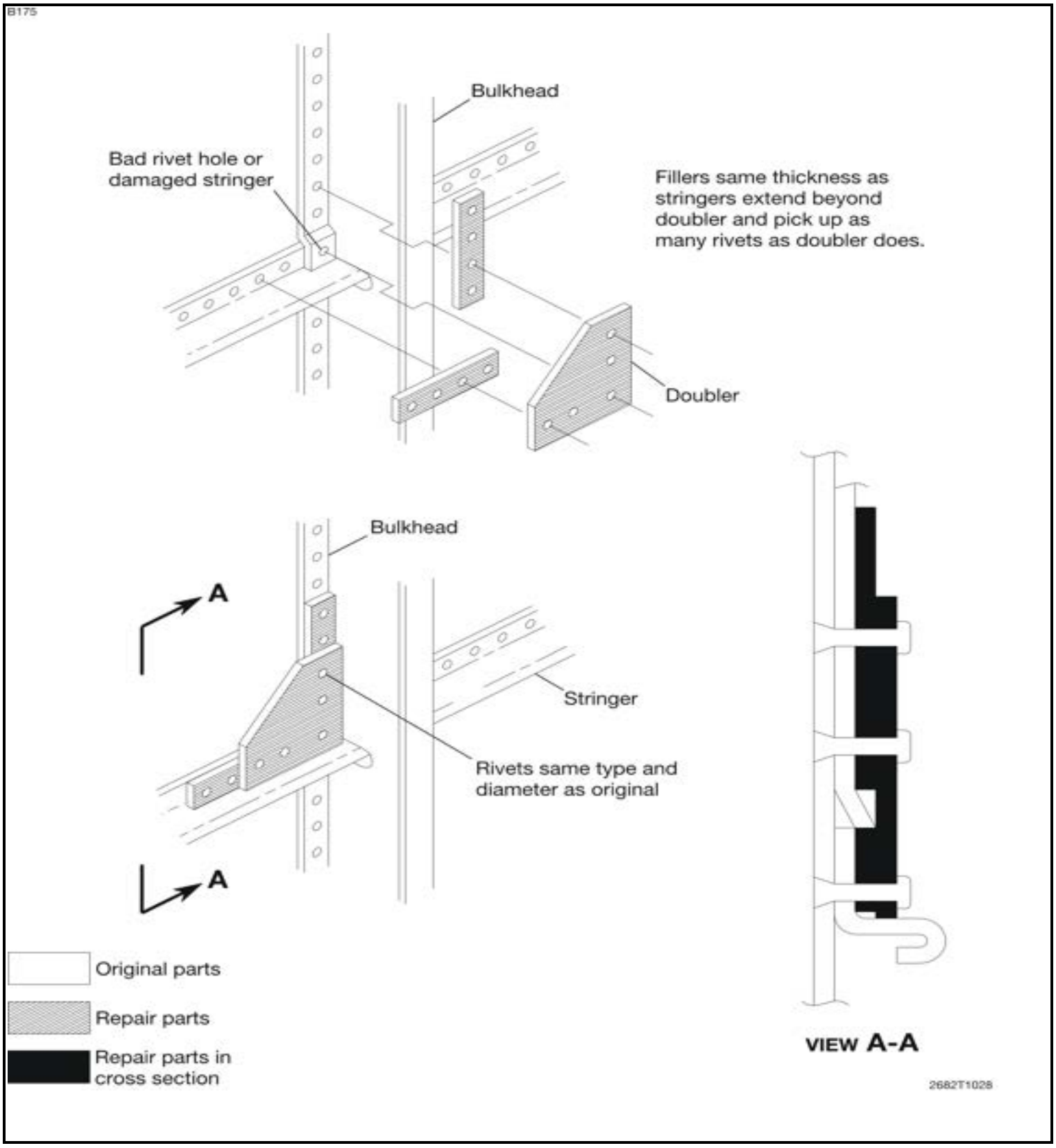
Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 801 : Sheet 3 : Typical Cabin Bulkhead Repair



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 802 : Sheet 1 : Typical Rib Repair



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

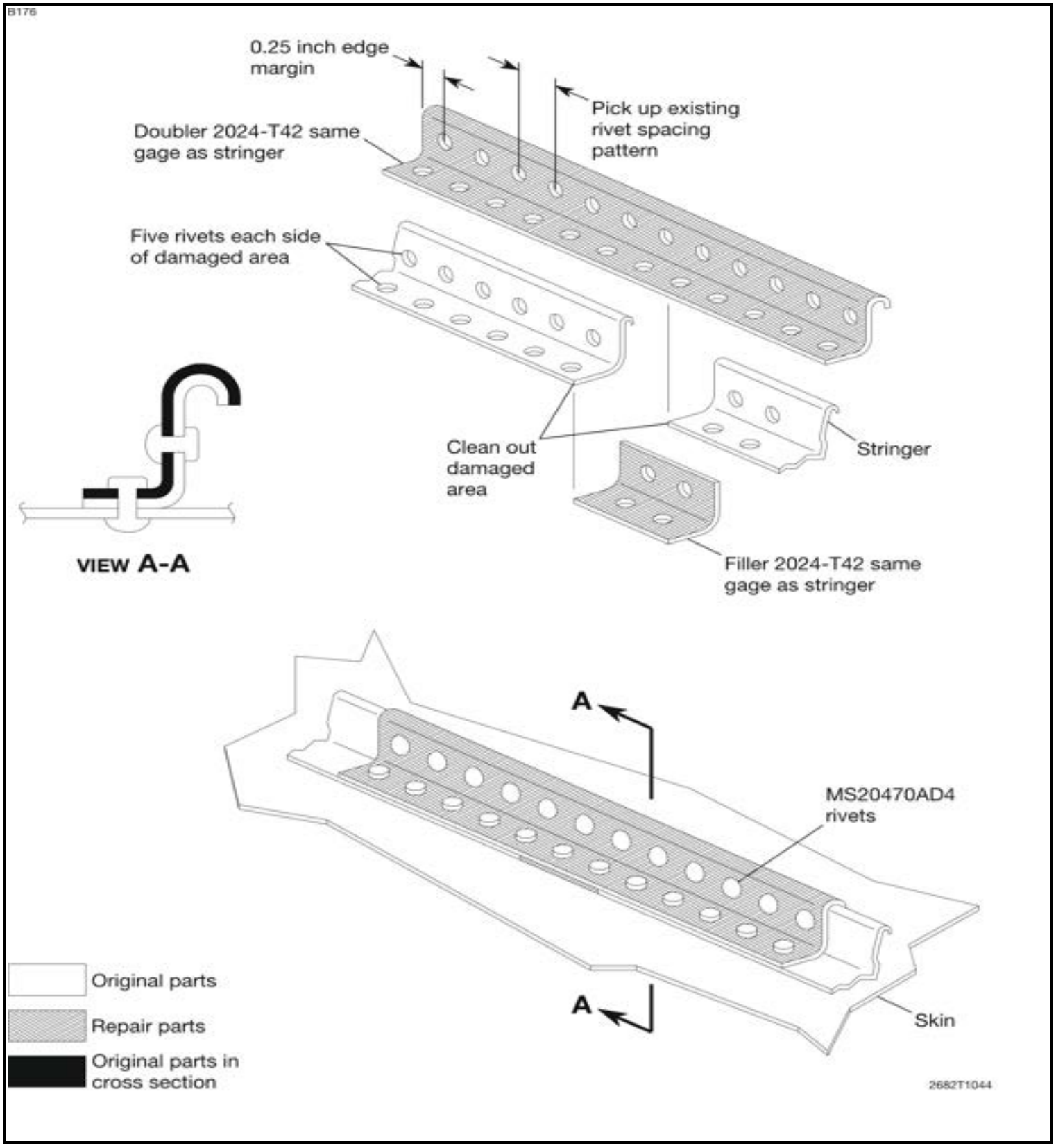
STRINGER AND CHANNEL REPAIR

1. General

A. Damage to the stringers or channels can be repairable. Refer to Figure 801 for an illustration of typical stringer and channel repairs.

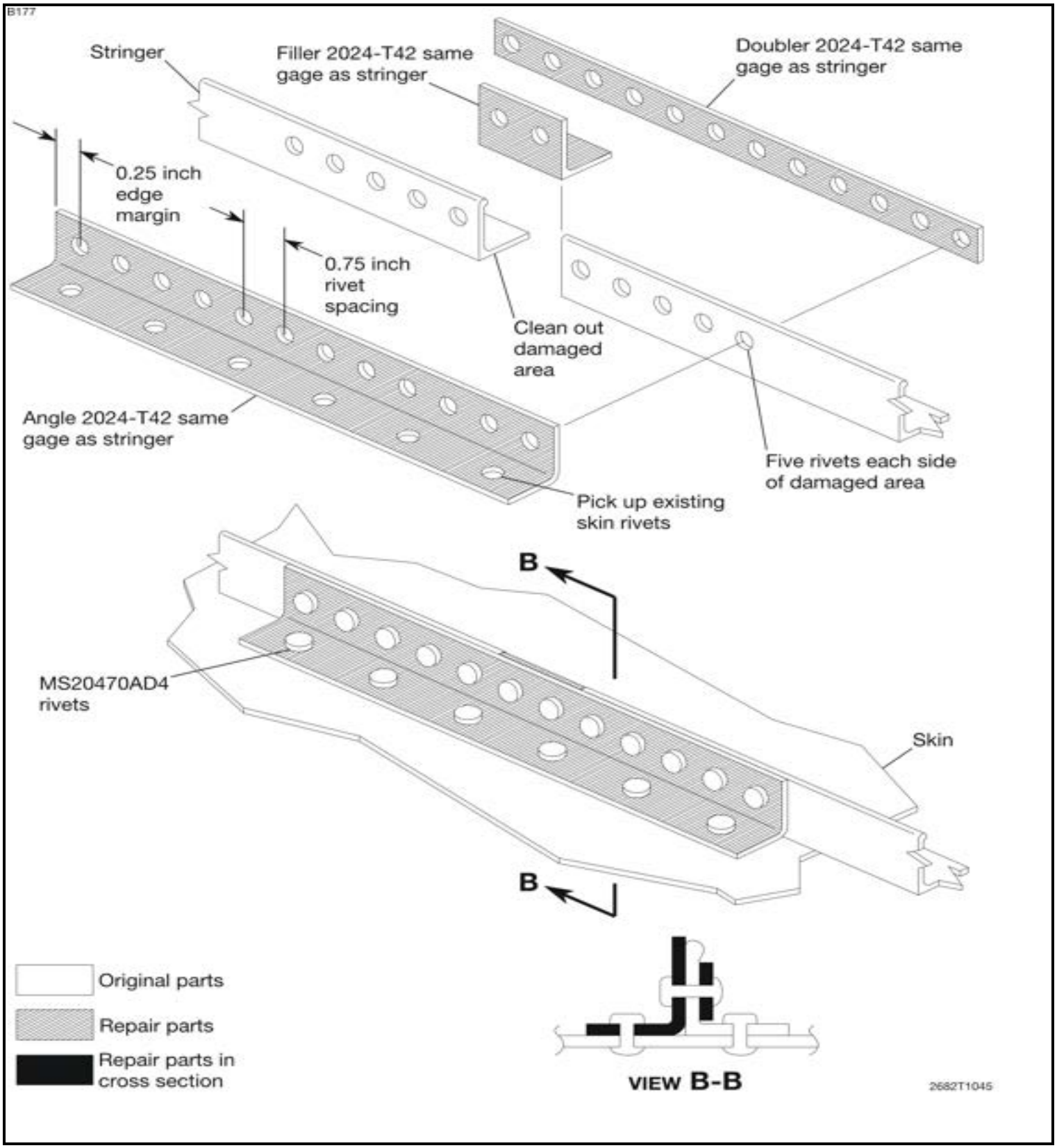
Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 801 : Sheet 1 : Typical Stringer and Channel Repair



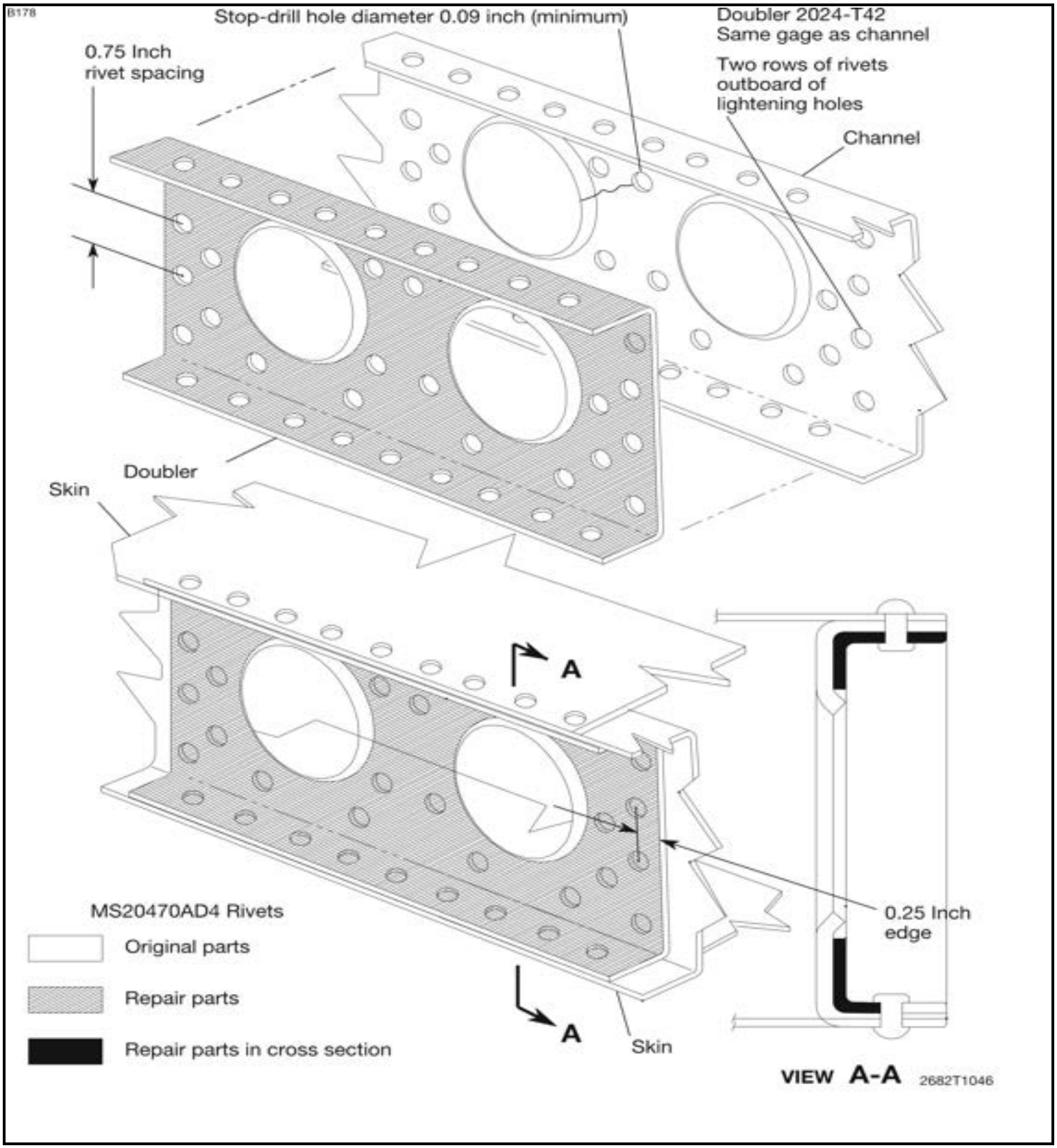
Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 801 : Sheet 2 : Typical Stringer and Channel Repair



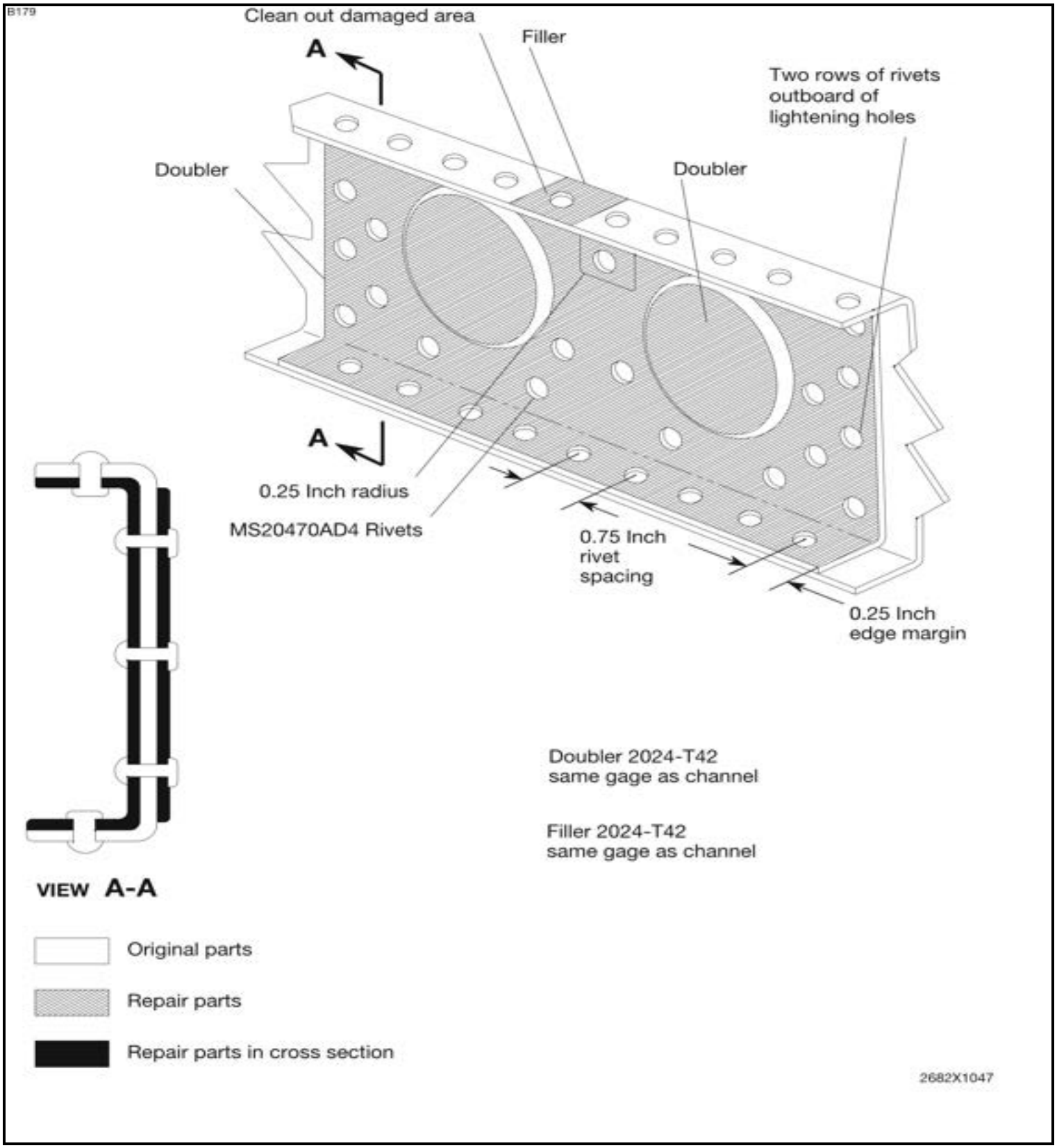
Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 801 : Sheet 3 : Typical Stringer and Channel Repair



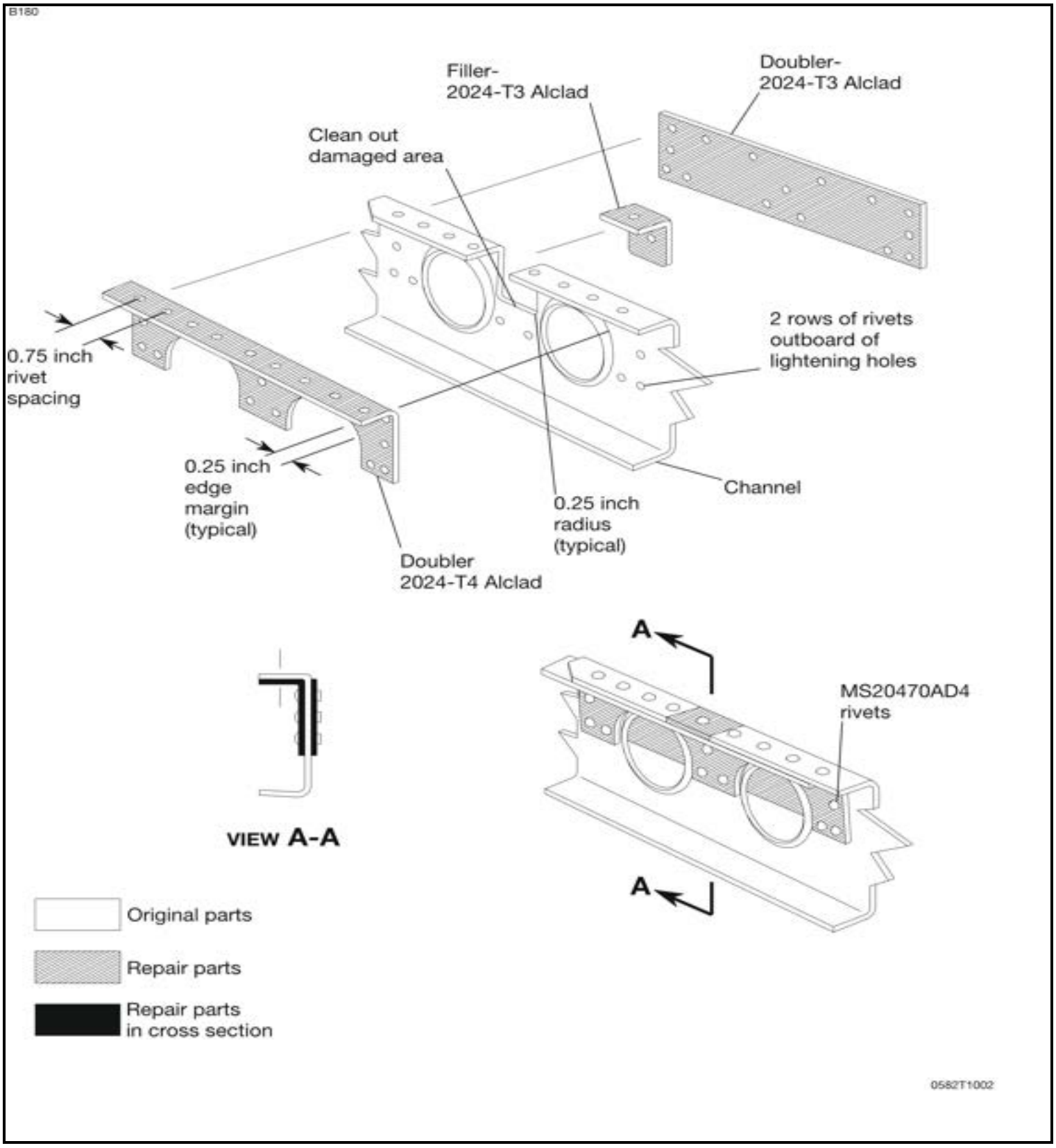
Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 801 : Sheet 4 : Typical Stringer and Channel Repair



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 801 : Sheet 5 : Typical Stringer and Channel Repair



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

FIREWALL REPAIR

1. General

A. The firewall is constructed of 0.016 inch, 18-8 corrosion resistant, annealed stainless steel sheet.

(1) A typical firewall patch is illustrated in Figure 801.

(2) A typical repair to the interior firewall angle is illustrated in Figure 802.

2. Material

NAME	NUMBER	MANUFACTURER	USE
Firewall Sealant	Dapco 2100	D Aircraft Inc. 1191 Hawk Circle Anaheim, CA 92807	To seal firewall.

3. Repairing the Firewall Assembly

A. Firewall sheets may be repaired by removing damaged material and splicing in a new section. The splice must be lapped over the old material, sealed and secured with steel rivets.

(1) Patches, splices and joints must be repaired using MS20450 steel rivets.

B. Following any repair to the firewall assembly, seal the damaged areas as follows:

(1) Clean area on surface to be sealed with methyl propyl ketone.

(2) Apply sealant to the firewall assembly.

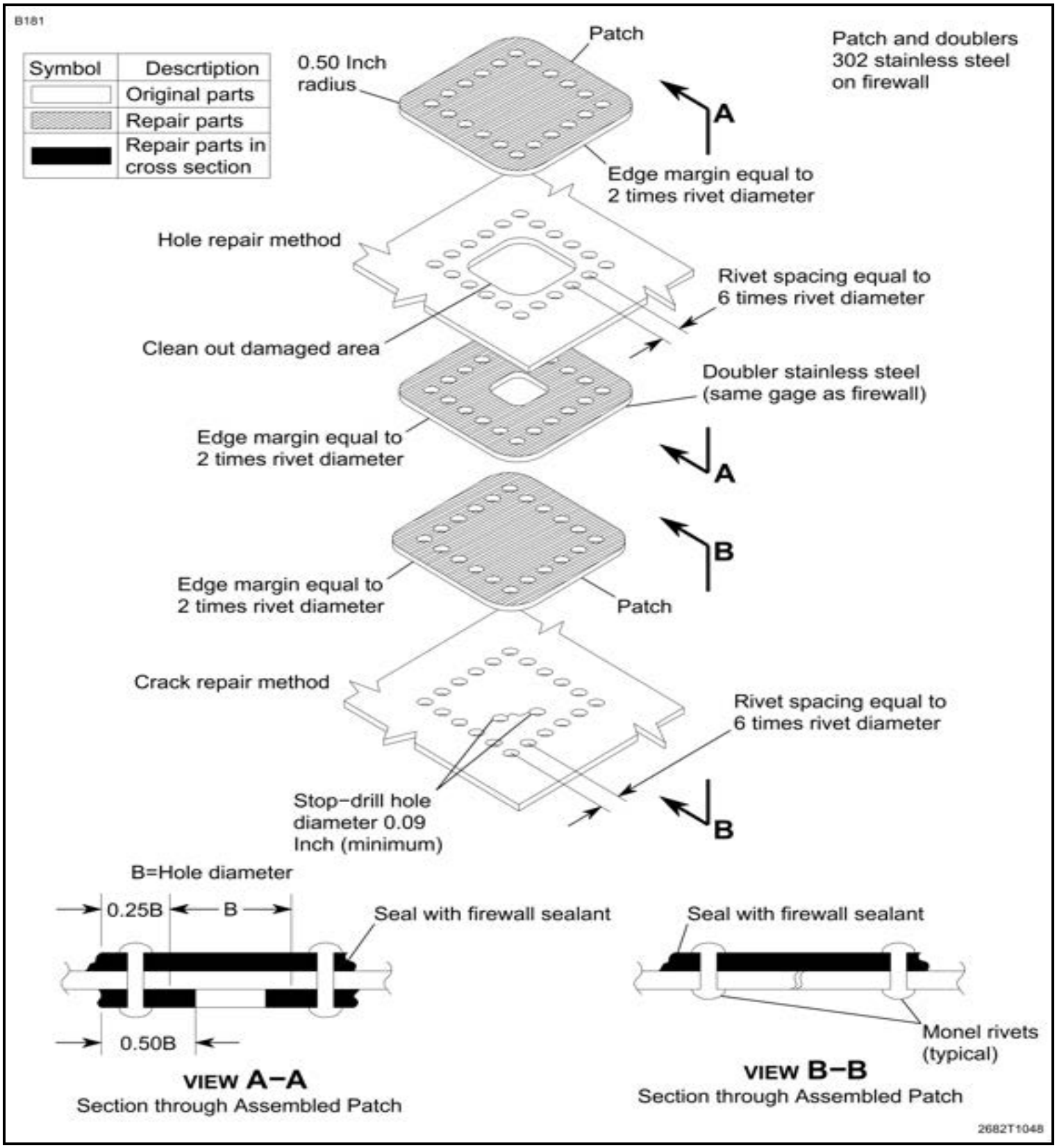
(3) Using a spatula, caulking gun, or flow gun, apply a fillet of sealer along cracks, seams, joints, and rows of rivets.

NOTE: If the sealant is applied before the parts are mated, use enough sealing compound to completely fill the joint, and wipe away excess after parts are mated.

NOTE: If the sealant is applied with a brush or a brush flow gun, more than one coat of sealant will be necessary on very porous material. Sealant should be allowed to air-dry 10 minutes between coats.

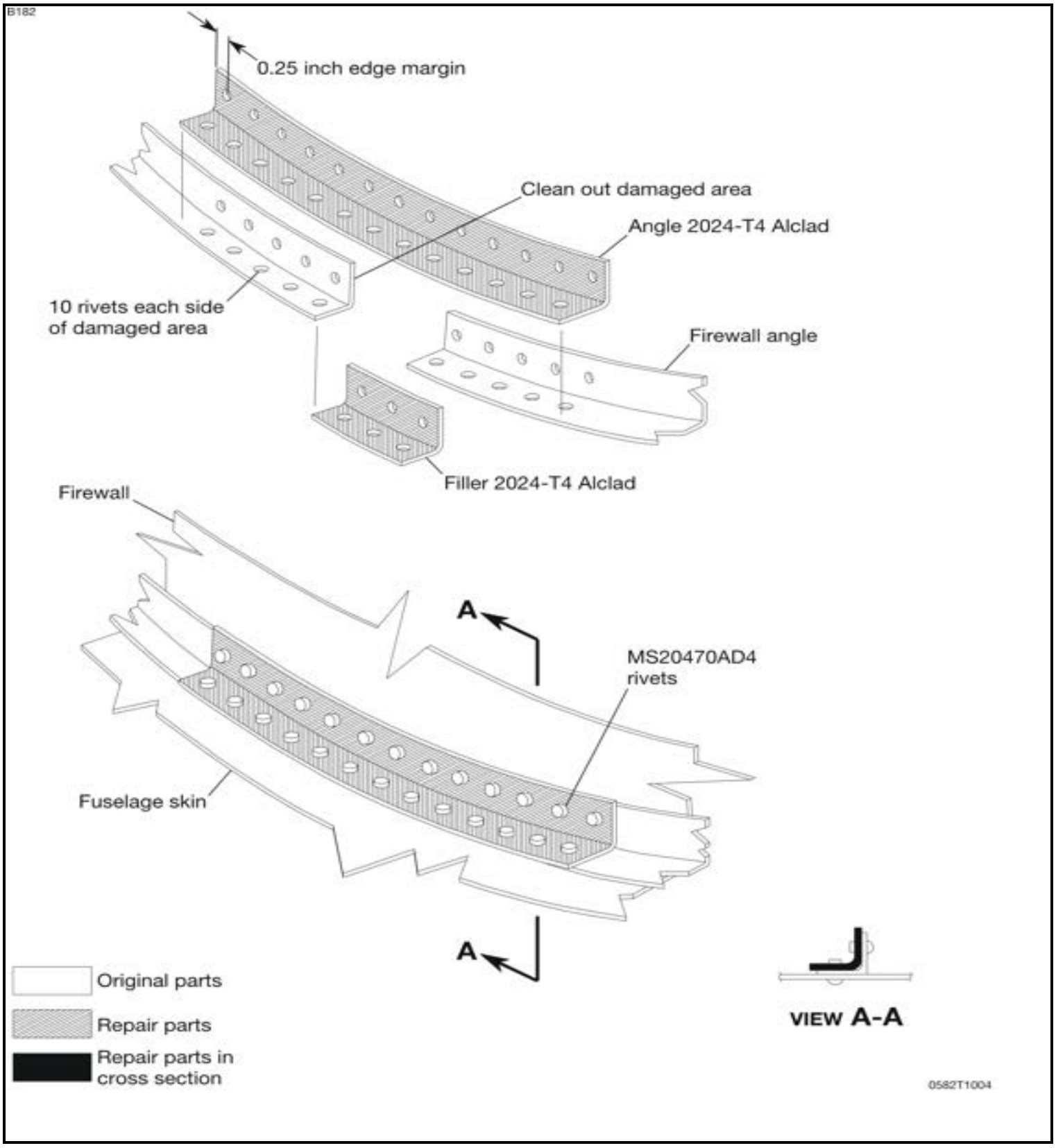
Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 801 : Sheet 1 : Typical Firewall Repair



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 802 : Sheet 1 : Firewall Angle Repair



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

HORIZONTAL AND VERTICAL STABILIZERS

1. General

A. Chapter 55 describes general repair practices, materials and procedures which are applicable to the Horizontal and Vertical Stabilizers.

B. The horizontal and vertical stabilizers are of all metal, fully cantilever, semimonocoque design, consisting of spars, stringers, ribs, and skins. Skins are riveted to supporting structure with conventional MS20470AD rivets.

C. If questions arise concerning approved repairs or for repairs not shown in this section, contact Cessna Propeller Aircraft Product Support.

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

HORIZONTAL STABILIZER

1. Horizontal Stabilizer

A. The horizontal stabilizer is constructed from spars, ribs, stringers, doublers and skins. Refer to applicable Maintenance Manual, Chapter 6, Dimensions and Areas, for horizontal stabilizer station diagram.

2. Negligible Damage

A. The same criteria which is used to define "negligible damage" to the fuselage may be applied to the horizontal stabilizer. Refer to Chapter 53, Fuselage Damage Classification for a complete description of negligible damage.

3. Repairable Damage

A. Skin patches may be used to repair skin damage. These patches are illustrated in Chapter 51, Typical Skin Repairs, Figure 801. For skin damage which includes corrugations, Refer to Chapter 51, Typical Skin Repairs, Figure 802.

B. Access to the internal stabilizer structure may be gained by removing a portion of the rivets along the rear spar and ribs and springing back the skin. By using the proper bucking bars through holes in spar web, skins may by closed with a minimum of blind rivets.

4. Replacement Damage

A. If the damaged area would require a repair which could not be made between adjacent ribs, or the repair would be located in an area with compound curves, compete skin panels must be replaced. Ribs and spars may be repaired, but replacement is generally preferable. Where damage is extensive, replacement of the entire assembly is recommended.

5. Model 172 Horizontal Stabilizer Tip Fairing Repair

A. Remove the LH or RH stabilizer tip fairing.

(1) If the damaged stabilizer tip is installed with rivets, do the following:

(a) Carefully drill out the rivets that attach the tip fairing.

(b) Remove the tip fairing from the stabilizer structure.

(2) If the damaged stabilizer tip fairing is installed with sealant, do the following:

CAUTION: Be careful not to damage the underlying structure.

(a) Separate the tip fairing from the structure by carefully cutting the seal using a thin blade spatula.

(b) Remove the tip fairing from the stabilizer structure.

(c) Remove any remaining old sealant. Refer to the applicable Maintenance Manual, Chapter 20, Fuel, Weather and High-Temperature Sealing - Maintenance Practices.

B. Install the LH or RH stabilizer tip fairing.

(1) If the tip fairing was installed with rivets, deburr the existing holes in stabilizer structure.

(2) Pre-fit the new tip fairing.

(a) Adjust the tip fairing as required to achieve a proper fit with an even gap around the interface.

(3) Surfaces must be clean and dry, free from dust, lint, grease, chips, oil condensation or other moisture and all other contaminating substances prior to the application of sealant.

(4) Tape off the surrounding areas as required to cleanly remove any squeeze-out of the sealant.

(5) Apply a thin layer of Type 1, Class B or C sealant to the mating surface of the tip fairing and structure. Refer to the applicable Maintenance Manual, Chapter 20, Fuel, Weather and High-Temperature Sealing - Maintenance Practices.

(6) Carefully put the tip fairing in its position on the stabilizer structure.

NOTE: Use tongue depressor(s) to lift the fairing over the edge of the structure.

(7) Shift the fairing aft slightly, if necessary, until the leading edges make contact.

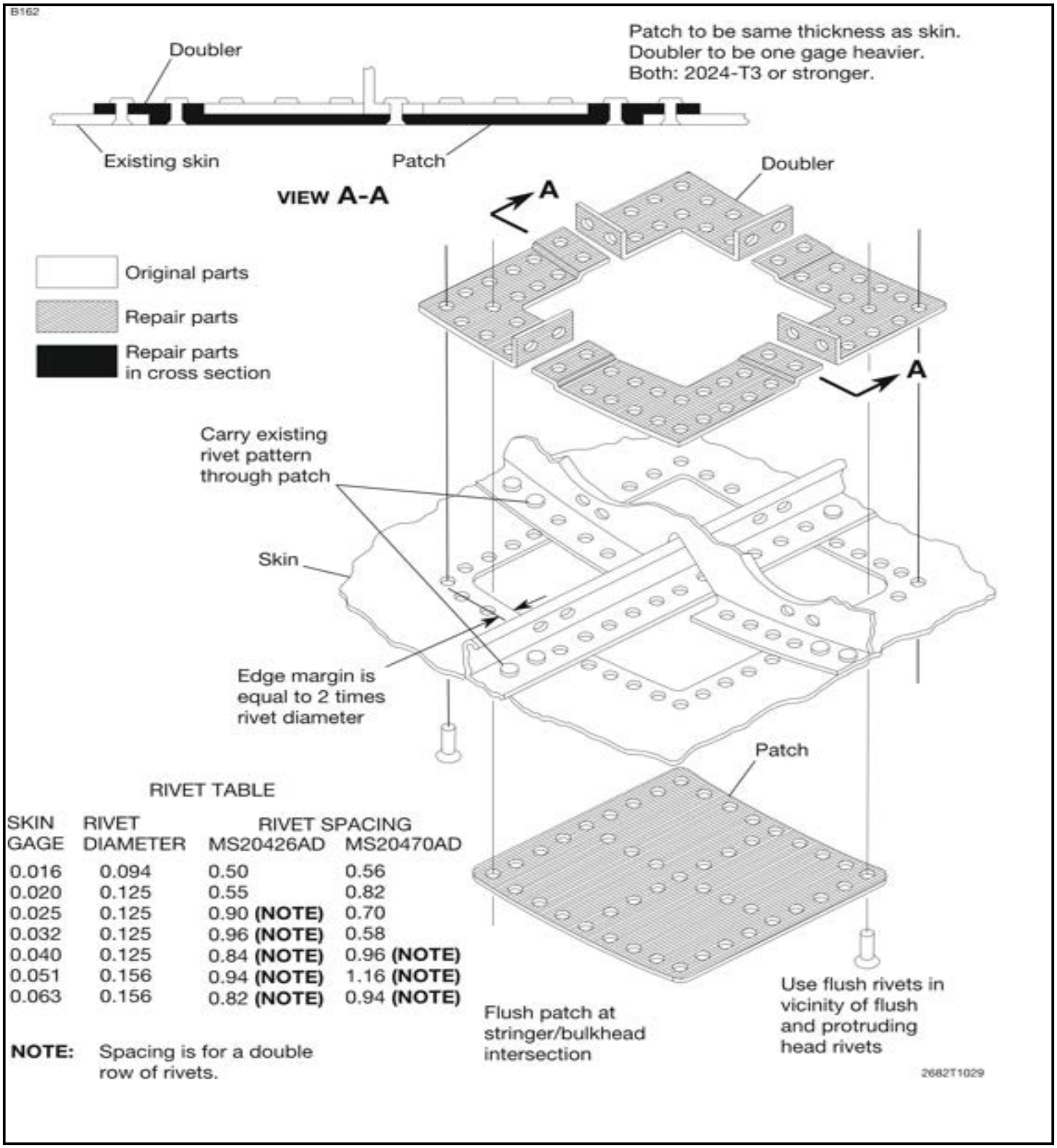
(8) Use tape to hold the fairing in place until the sealant is fully cured.

(9) Fill any open pilot holes in the fairing with Type 1, Aerodynamic Filler Compound and sand smooth.

(10) Finish the tip fairing with matching paint. Refer to the applicable Maintenance Manual, Chapter 20, Exterior Finish - Cleaning/Painting for painting procedures.

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 801 : Sheet 1 : Skin Repair



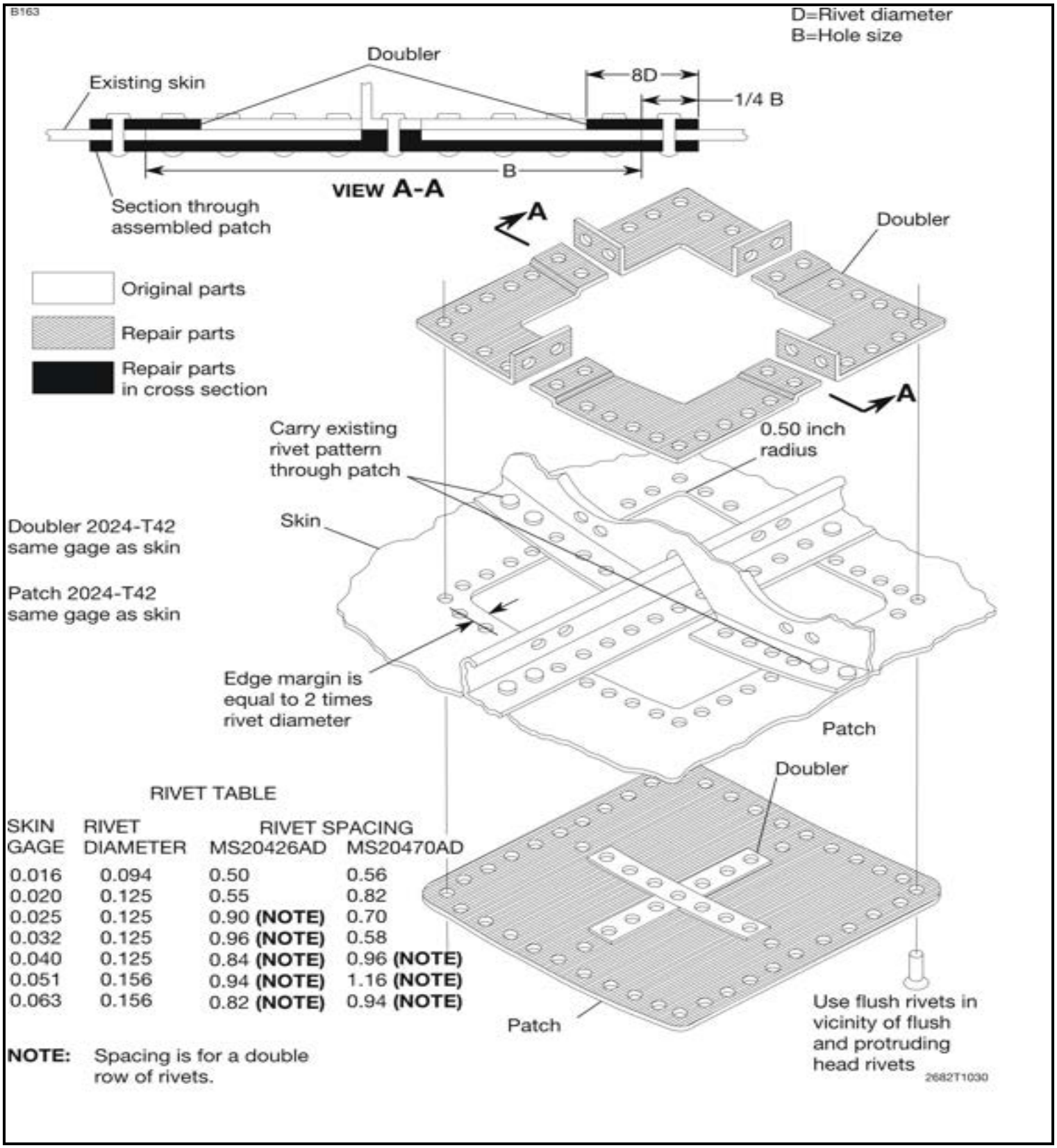
RIVET TABLE

SKIN GAGE	RIVET DIAMETER	RIVET SPACING MS20426AD	MS20470AD
0.016	0.094	0.50	0.56
0.020	0.125	0.55	0.82
0.025	0.125	0.90 **(NOTE)**	0.70
0.032	0.125	0.96 **(NOTE)**	0.58
0.040	0.125	0.84 **(NOTE)**	0.96 **(NOTE)**
0.051	0.156	0.94 **(NOTE)**	1.16 **(NOTE)**
0.063	0.156	0.82 **(NOTE)**	0.94 **(NOTE)**

NOTE: Spacing is for a double row of rivets.

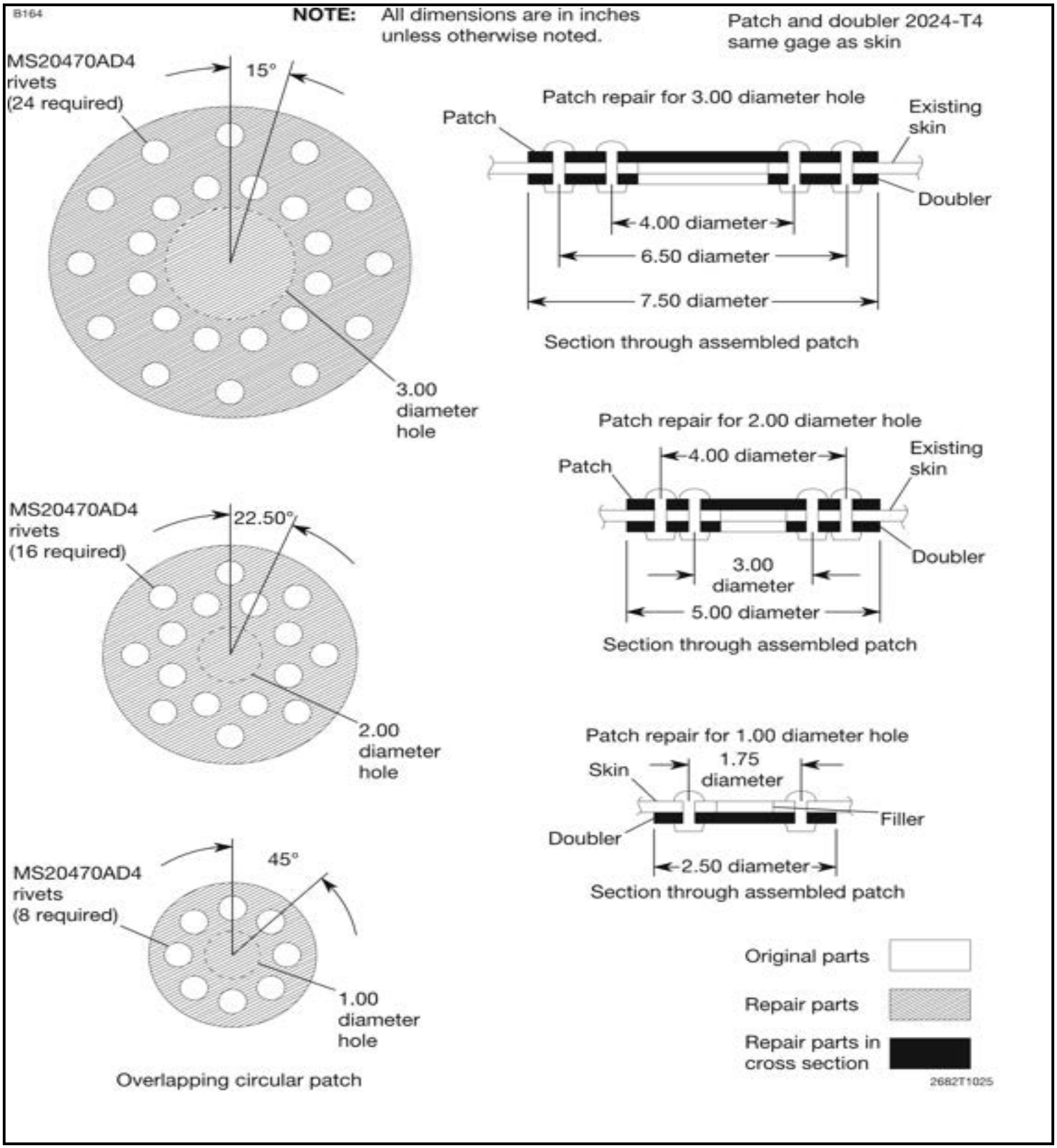
Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 801 : Sheet 2 : Skin Repair



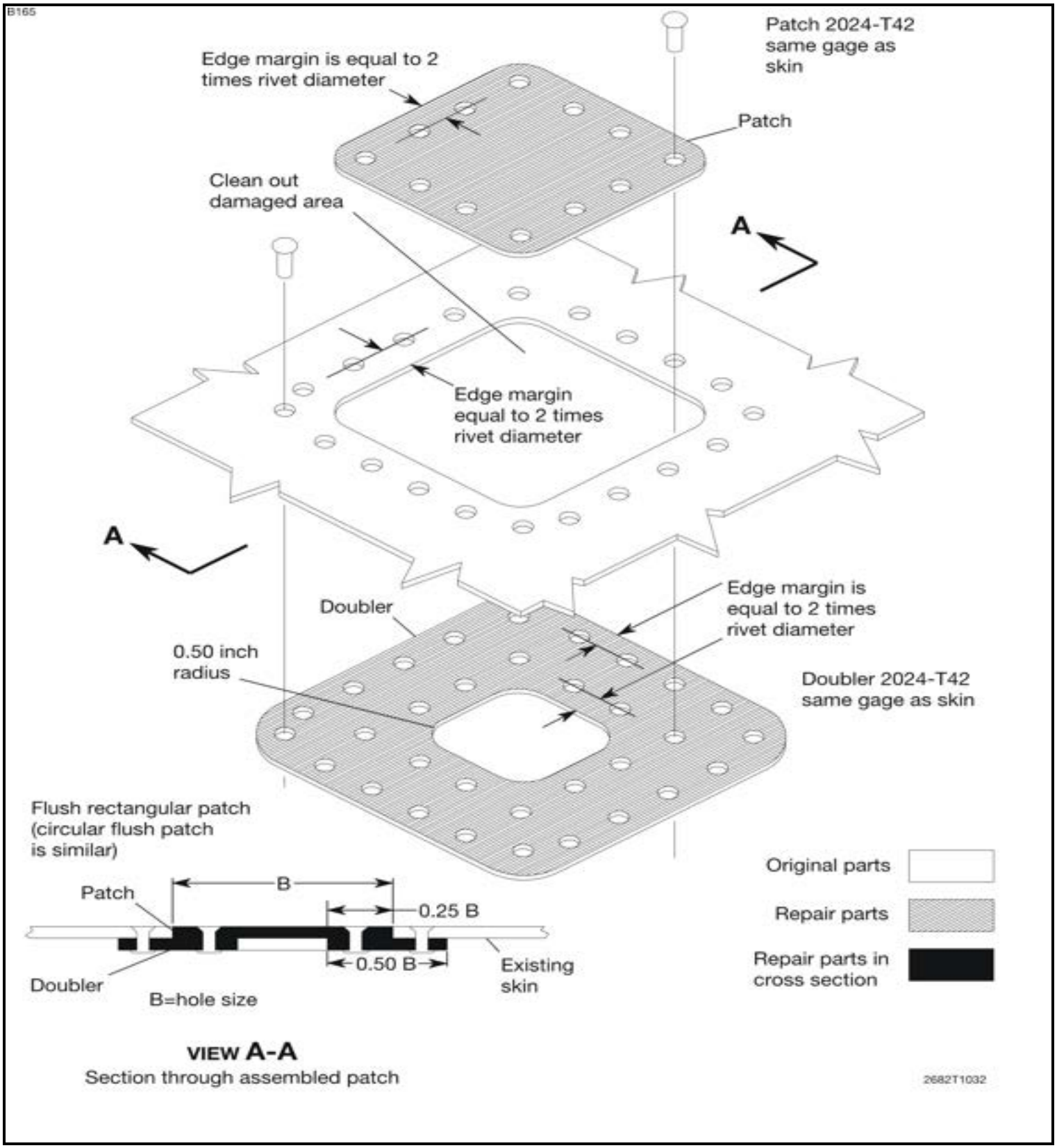
Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 801 : Sheet 3 : Skin Repair



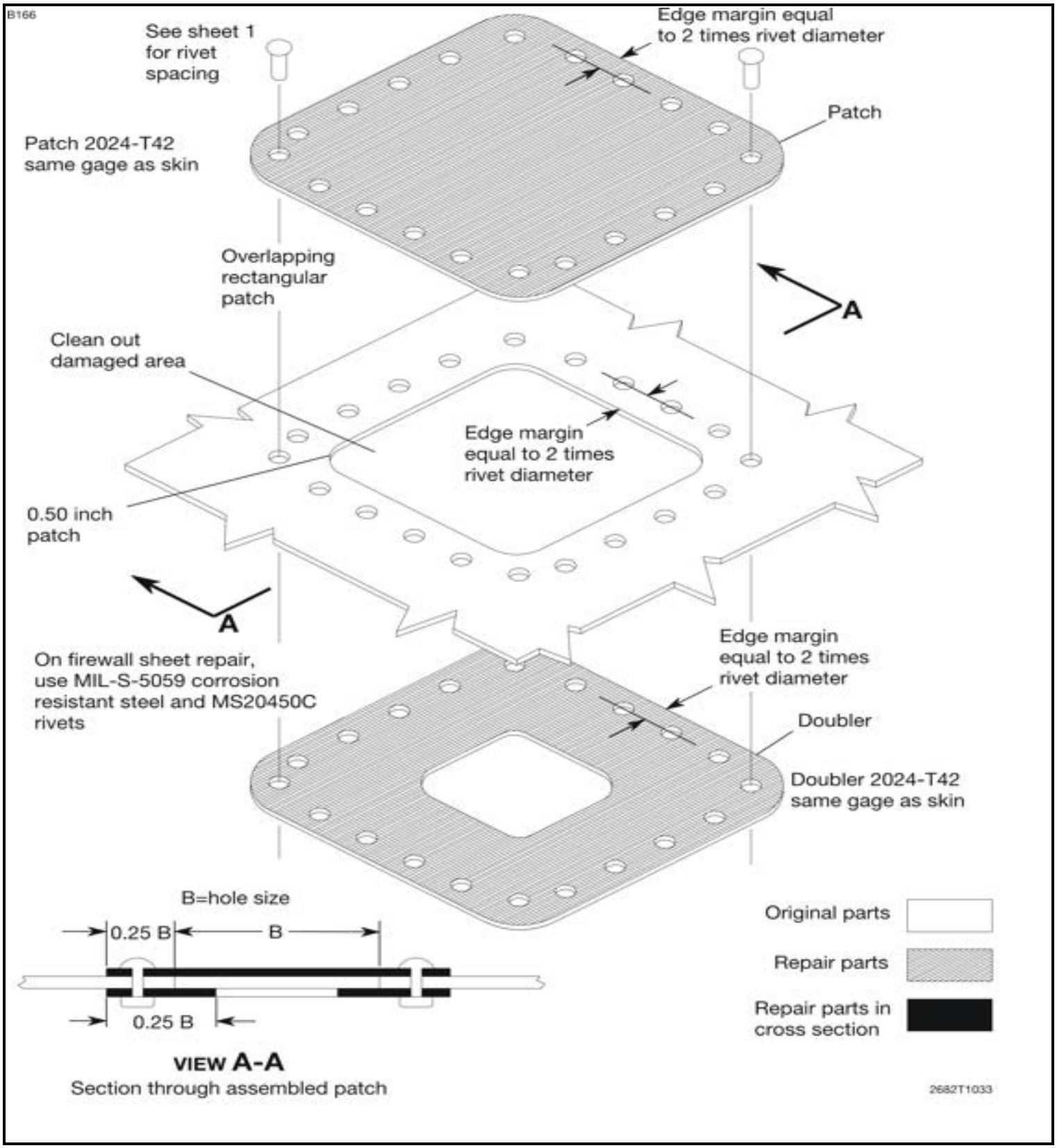
Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 801 : Sheet 4 : Skin Repair



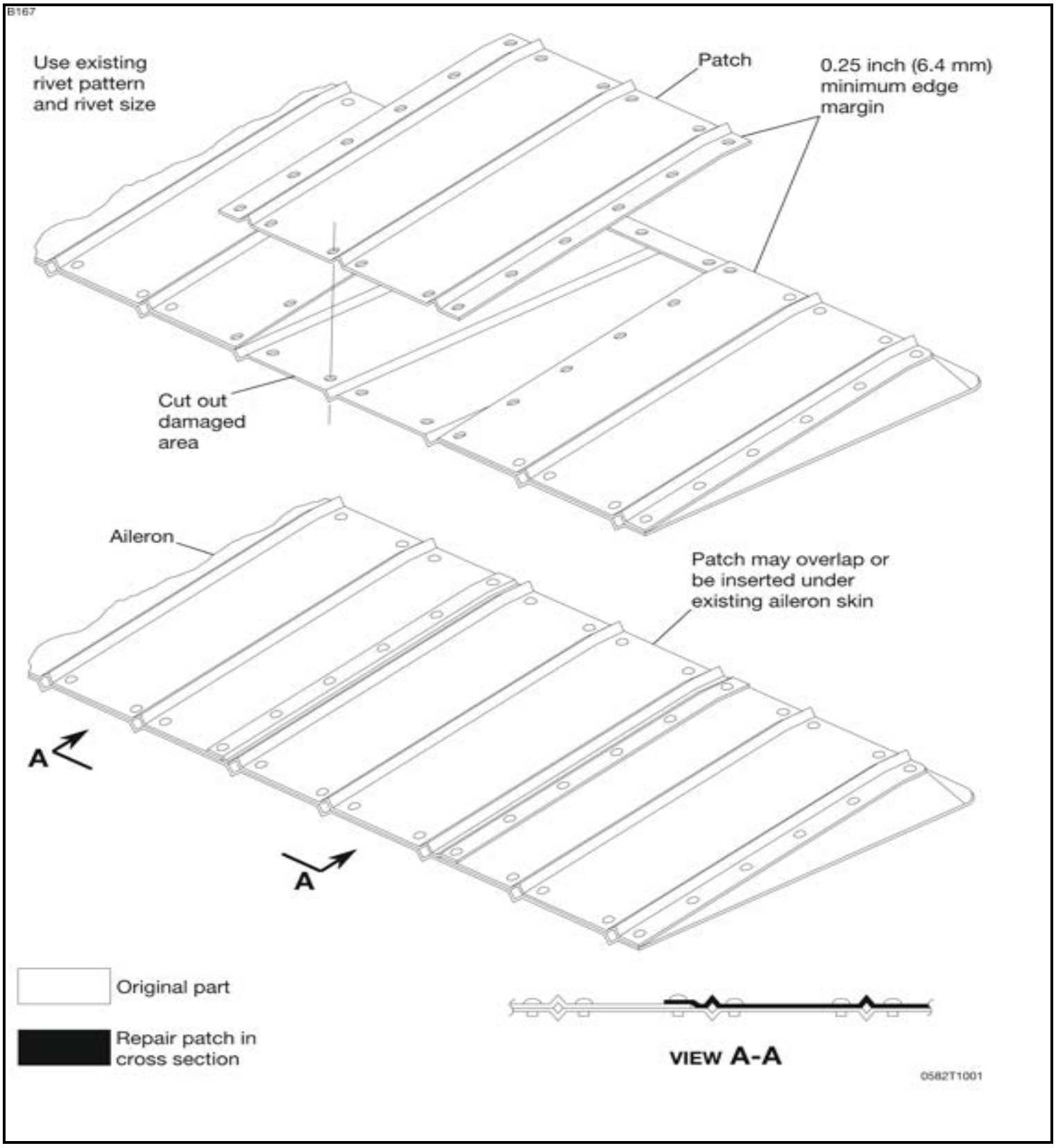
Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 801 : Sheet 5 : Skin Repair



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 802 : Sheet 1 : Corrugated Skin Repair



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

ELEVATOR

1. General

A. The elevator assembly consists of a left and right section bolted together near the airplane centerline by torque tubes. Each section consists of a front and a rear spar, ribs, skins, and a trim tab assembly. A balance weight is bolted to the outboard tip leading edge.

2. Negligible Damage

A. Any smooth skin dents that are free from cracks, abrasions, and sharp corners, and which are not stress wrinkles and do not interfere with any internal structure or mechanism, may be considered as negligible damage. Exception to negligible damage on elevator surfaces is the front spar, cracks appearing in web of hinge fitting or in tip rib which supports overhanging balance weight. Cracks in overhanging tip rib, in the area at the front spar intersection with web of the rib, also cannot be considered negligible.

3. Repairable Damage

A. Skin patches may be used to repair skin damage. These patches are illustrated in Chapter 51, Typical Skin Repairs, Figure 801. For skin damage which includes corrugations, refer to Chapter 51, Typical Skin Repairs, Figure 802.

B. Flight control surfaces must be balanced after repair or painting, in accordance with balancing procedures outlined in Chapter 51, Flight Control Surface Balancing.

4. Replacement Damage

A. Warped and cracked skin, ribs, and hinge brackets are replaceable items. Where damage is extensive, replacement of the entire assembly is recommended.

5. Model 172 Elevator Tip Fairing Repair

A. Remove the LH or RH elevator tip fairing.

(1) Remove the elevator control surface(s). Refer to the applicable Maintenance Manual, Chapter 27, Elevator Control System - Maintenance Practices.

(2) If the damaged elevator tip fairing is installed with rivets, do the following:

(a) Carefully drill out the rivets that attach the tip fairing.

(b) Remove the tip fairing from the elevator structure.

(3) If the damaged elevator tip is installed with sealant, do the following:

CAUTION: Be careful not to damage the underlying structure.

(a) Separate the tip fairing from the structure by carefully cutting the seal using a thin blade spatula.

(b) Remove the tip fairing from the elevator structure.

(c) Remove any remaining old sealant. Refer to the applicable Maintenance Manual, Chapter 20, Fuel, Weather and High-Temperature Sealing - Maintenance Practices.

B. Install the LH or RH elevator tip fairing.

(1) If the tip fairing was installed with rivets, deburr the existing holes in elevator structure.

(2) Pre-fit the new tip fairing.

(a) Adjust the tip fairing as required to achieve a proper fit with an even gap around the interface.

(3) Surfaces must be clean and dry, free from dust, lint, grease, chips, oil condensation or other moisture and all other contaminating substances prior to the application of sealant.

(4) Tape off the surrounding areas as required to cleanly remove any squeeze-out of the sealant.

(5) Apply a thin layer of Type 1, Class B or C sealant to the mating surface of the tip fairing and structure. Refer to the applicable Maintenance Manual, Chapter 20, Fuel, Weather and High-Temperature Sealing - Maintenance Practices.

(6) Carefully put the tip fairing in its position on the elevator structure.

NOTE: Use tongue depressor(s) to lift the fairing over the edge of the structure.

(7) Shift the fairing aft slightly, if necessary, until the leading edges make contact.

(8) Use tape to hold the fairing in place until the sealant is fully cured.

(9) Fill any open pilot holes in the fairing with Type 1, Aerodynamic Filler Compound and sand smooth.

(10) Finish the tip fairing with matching paint. Refer to the applicable Maintenance Manual, Chapter 20, Exterior Finish -

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

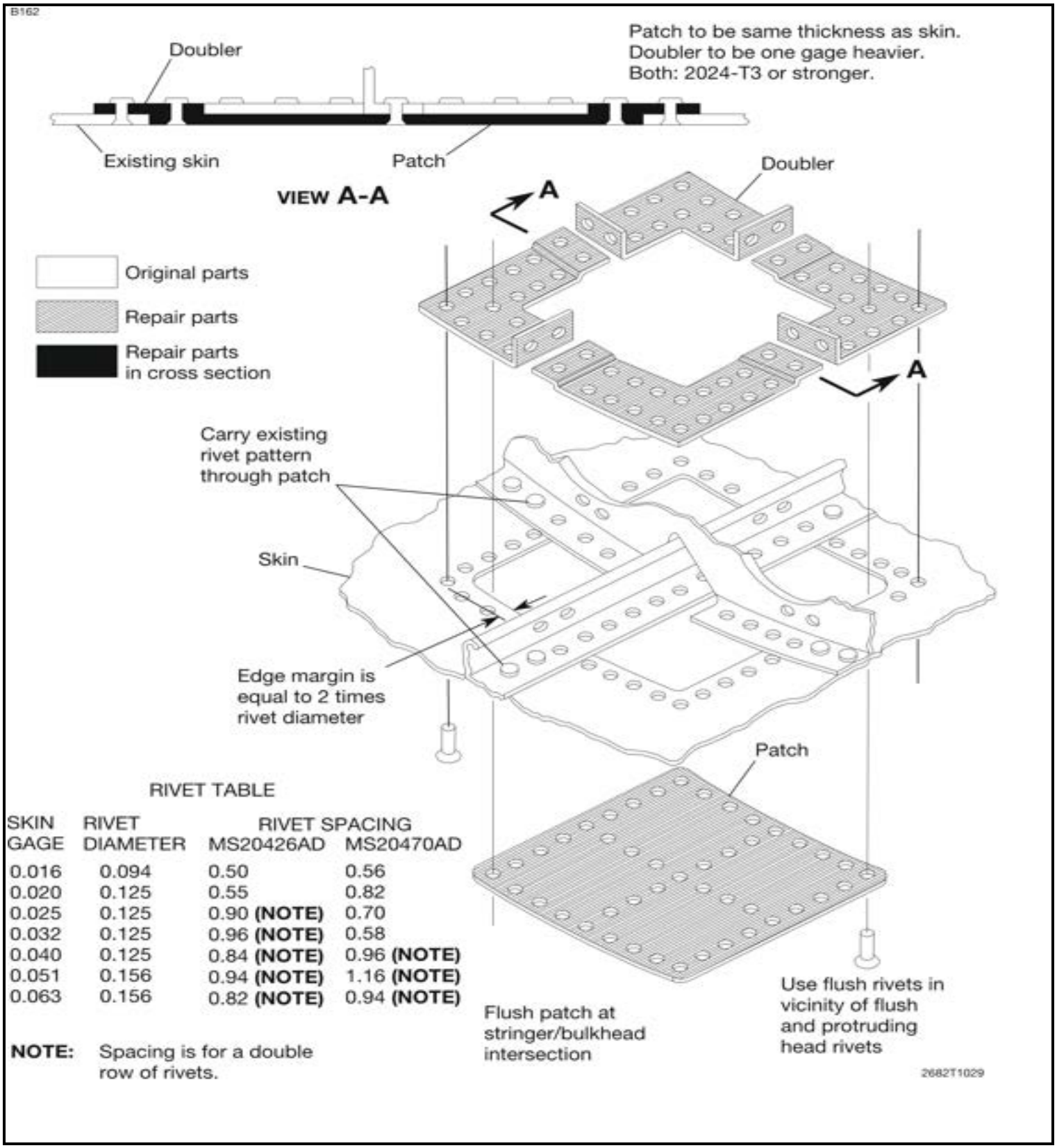
Cleaning/Painting for painting procedures.

(11) The elevator control surface must be balanced after repair or painting, in accordance with balancing procedures outlined in Chapter 51, Flight Control Surface Balancing.

(12) Install the elevator(s). Refer to the applicable Maintenance Manual, Chapter 27, Elevator Control System - Maintenance Practices.

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 801 : Sheet 1 : Skin Repair



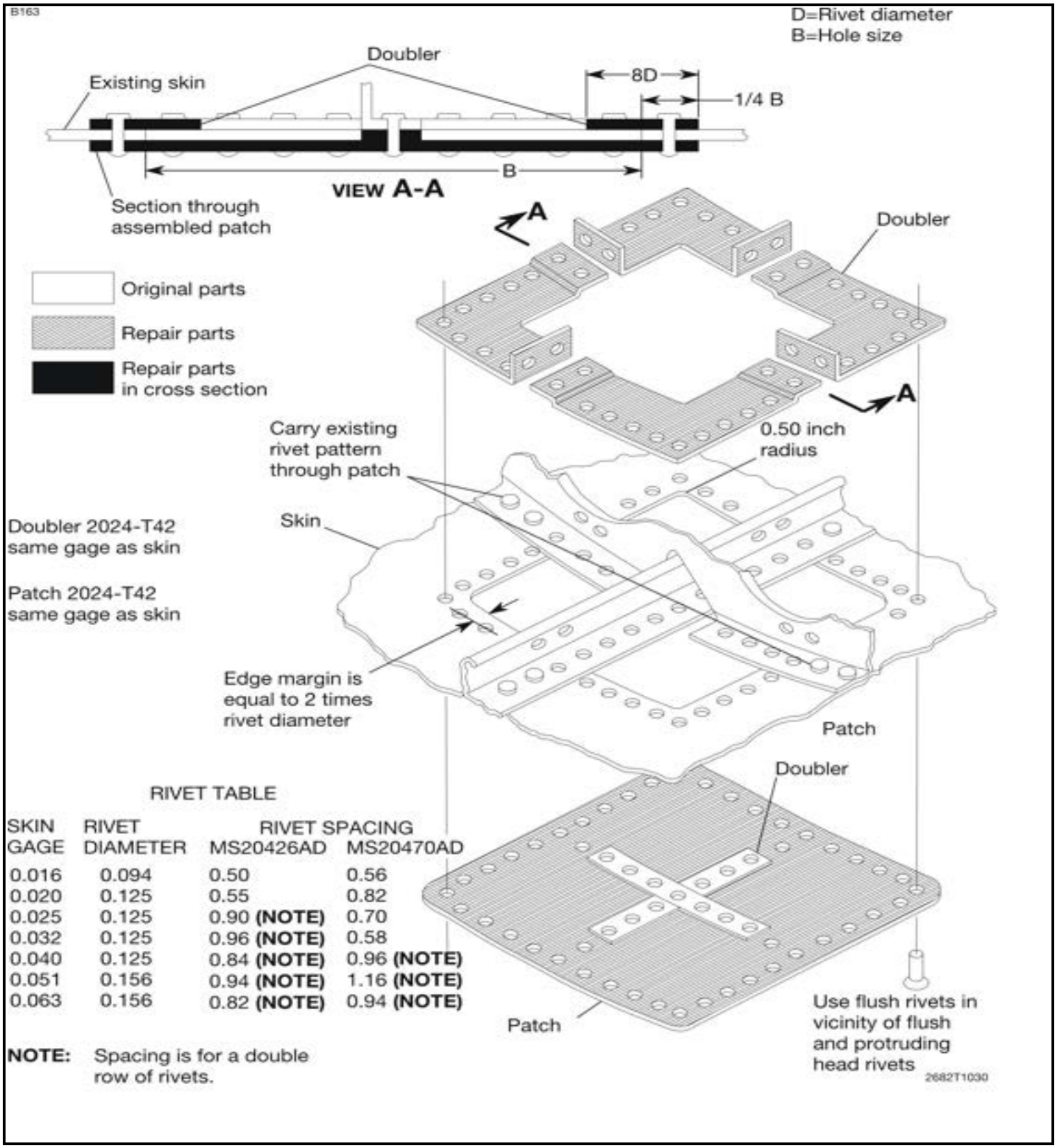
RIVET TABLE

SKIN GAGE	RIVET DIAMETER	RIVET SPACING MS20426AD	MS20470AD
0.016	0.094	0.50	0.56
0.020	0.125	0.55	0.82
0.025	0.125	0.90 **(NOTE)**	0.70
0.032	0.125	0.96 **(NOTE)**	0.58
0.040	0.125	0.84 **(NOTE)**	0.96 **(NOTE)**
0.051	0.156	0.94 **(NOTE)**	1.16 **(NOTE)**
0.063	0.156	0.82 **(NOTE)**	0.94 **(NOTE)**

NOTE: Spacing is for a double row of rivets.

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 801 : Sheet 2 : Skin Repair



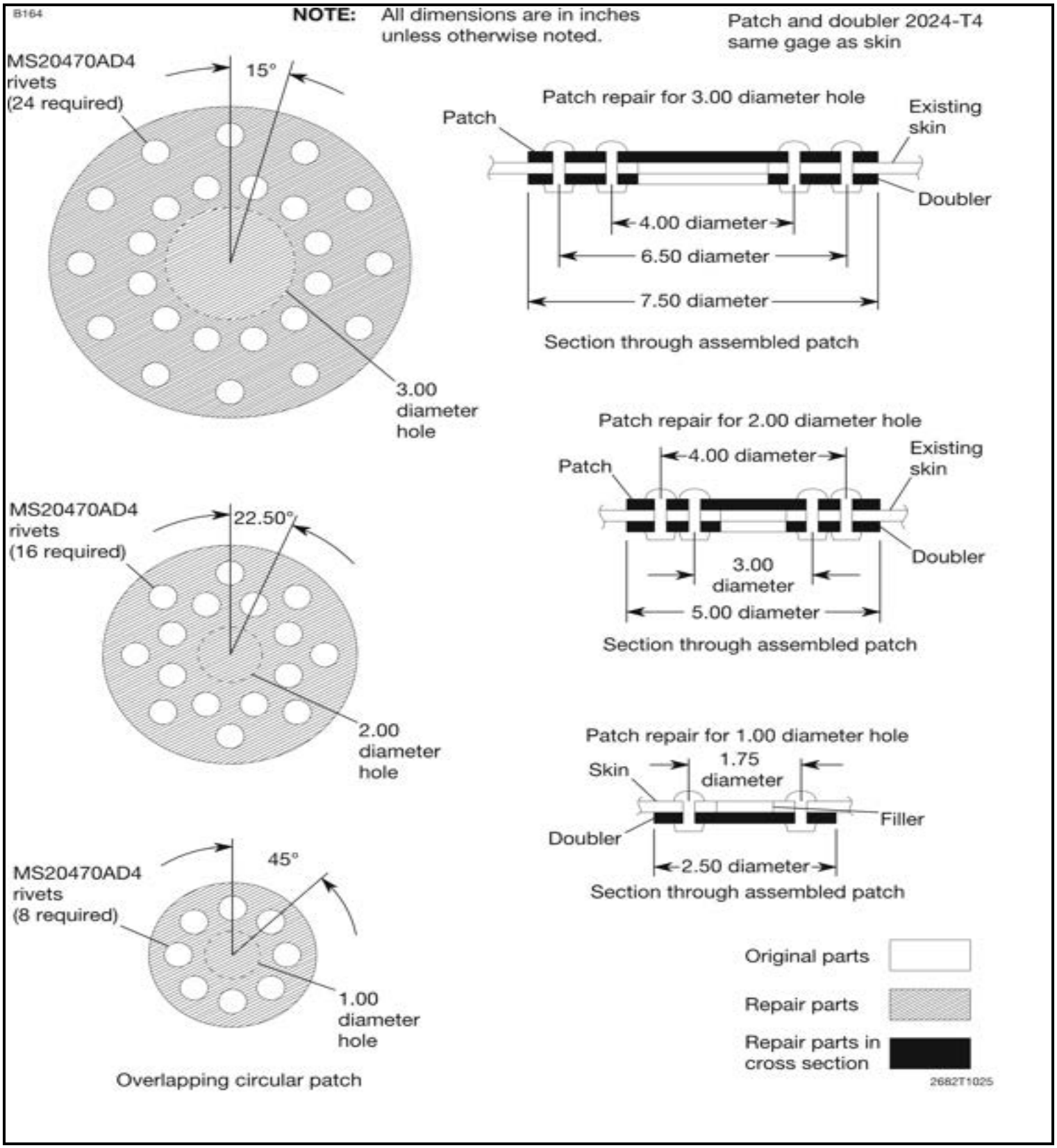
RIVET TABLE

SKIN GAGE	RIVET DIAMETER	RIVET SPACING MS20426AD	MS20470AD
0.016	0.094	0.50	0.56
0.020	0.125	0.55	0.82
0.025	0.125	0.90 **(NOTE)**	0.70
0.032	0.125	0.96 **(NOTE)**	0.58
0.040	0.125	0.84 **(NOTE)**	0.96 **(NOTE)**
0.051	0.156	0.94 **(NOTE)**	1.16 **(NOTE)**
0.063	0.156	0.82 **(NOTE)**	0.94 **(NOTE)**

NOTE: Spacing is for a double row of rivets.

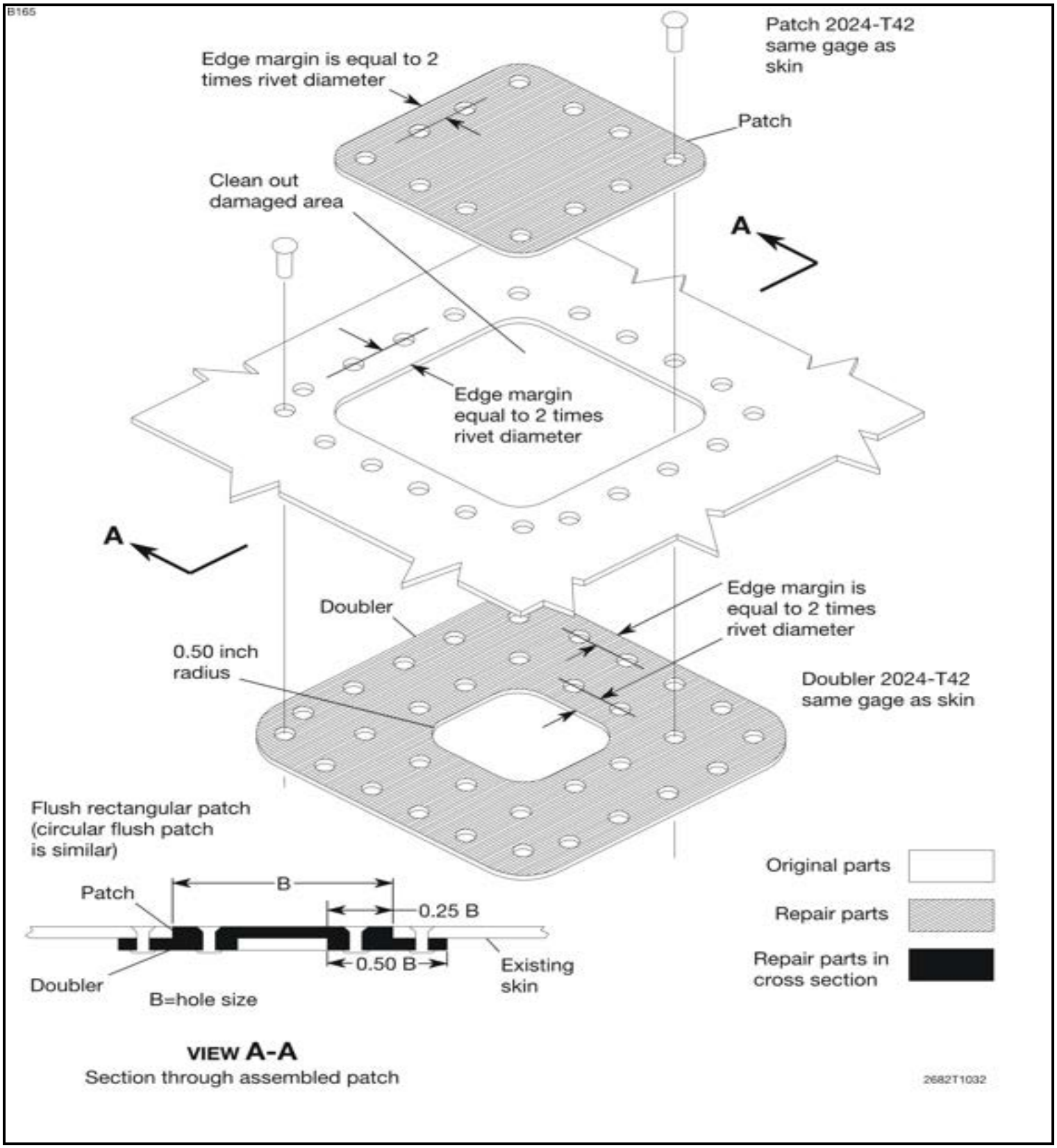
Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 801 : Sheet 3 : Skin Repair



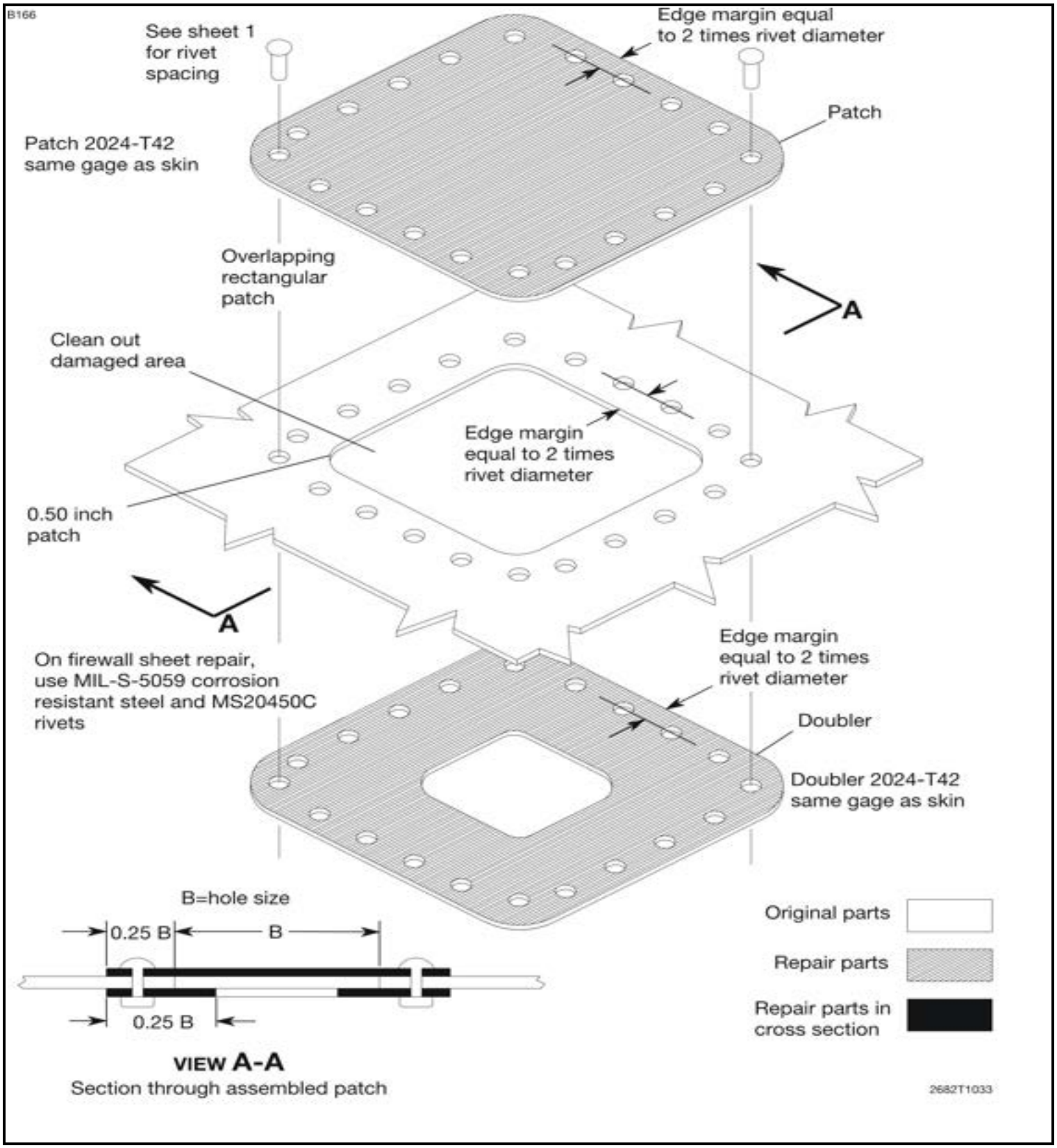
Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 801 : Sheet 4 : Skin Repair



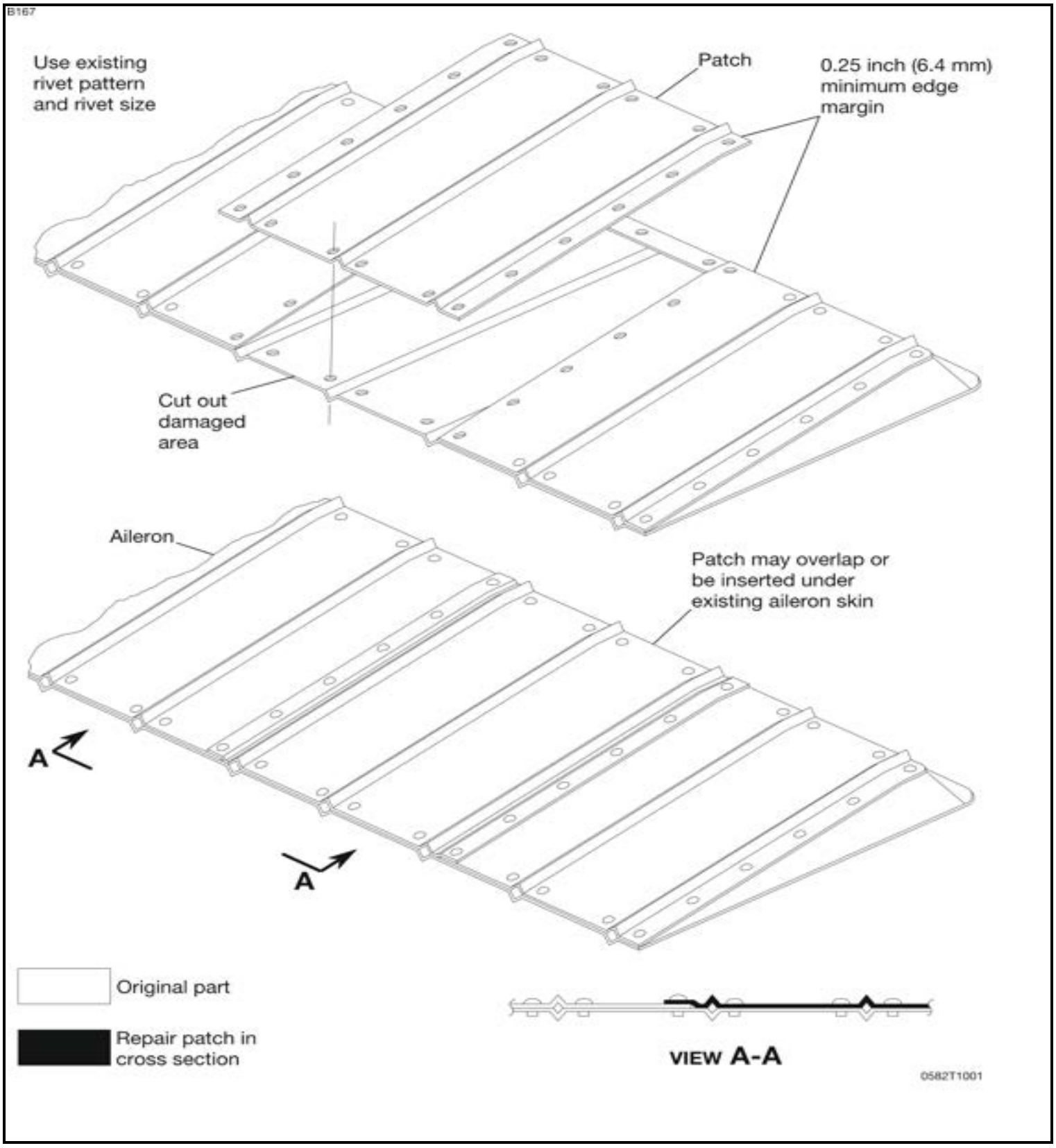
Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 801 : Sheet 5 : Skin Repair



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 802 : Sheet 1 : Corrugated Skin Repair



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

VERTICAL STABILIZER

1. General

A. The vertical stabilizer is of conventional aluminum construction utilizing spars, ribs, and skins.

2. Vertical Stabilizer and Dorsal

A. The vertical stabilizer and dorsal are constructed jointly to form a single unit.

3. Negligible Damage

A. The same criteria which is used to define "negligible damage" to the fuselage may be applied to the vertical stabilizer. Refer to Chapter 53, Fuselage Damage Classification for a complete description of negligible damage.

4. Repairable Damage

A. Skin damage exceeding that considered negligible that can be repaired as illustrated in Chapter 51, Typical Skin Repairs, Figure 801. For skin damage which includes corrugations, Refer to Chapter 51, Typical Skin Repairs, Figure 802. Access to the internal fin structure is best gained by removing skin attaching rivets on one side of the rear spar and ribs, and springing back the skin. Access to the stabilizer may be gained by removing skin attaching rivets on one side and springing back the skin. If the damaged area would require a repair which could not be made between adjacent ribs, or a repair would be located in an area with compound curves, replacement of parts is recommended.

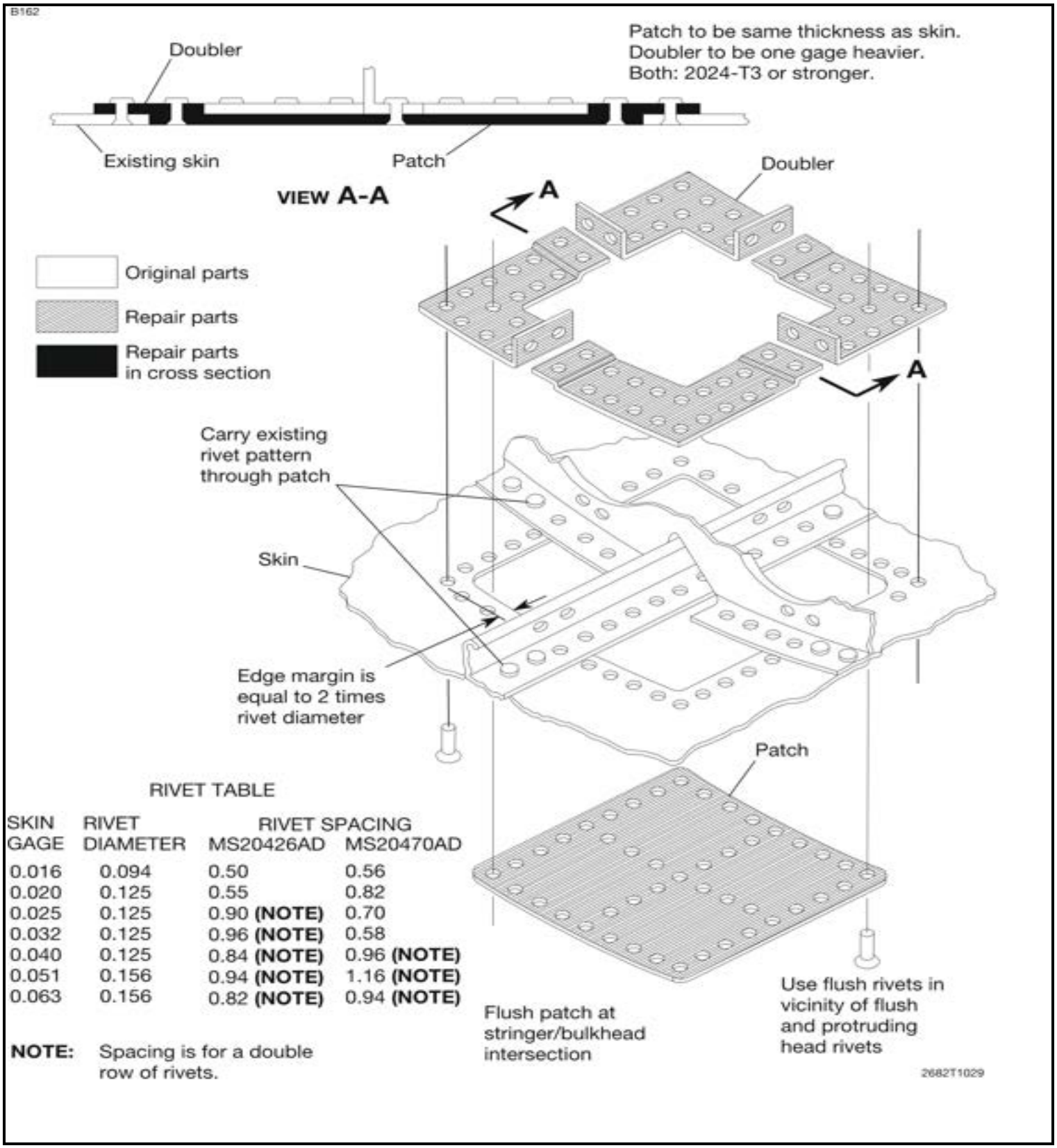
5. Replacement Damage

A. Hinge brackets and small ribs should be replaced rather than repaired. In general, where parts are available, the easiest and most satisfactory repairs can be accomplished by replacing the damaged parts.

B. If the damaged area would require a repair which would not be made between adjacent ribs, or the repair would be located in an area with compound curves, complete skin panels must be replaced. Ribs and spars may be repaired, but replacement is generally preferable. Where damage is extensive, replacement of the entire assembly is recommended.

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 801 : Sheet 1 : Skin Repair



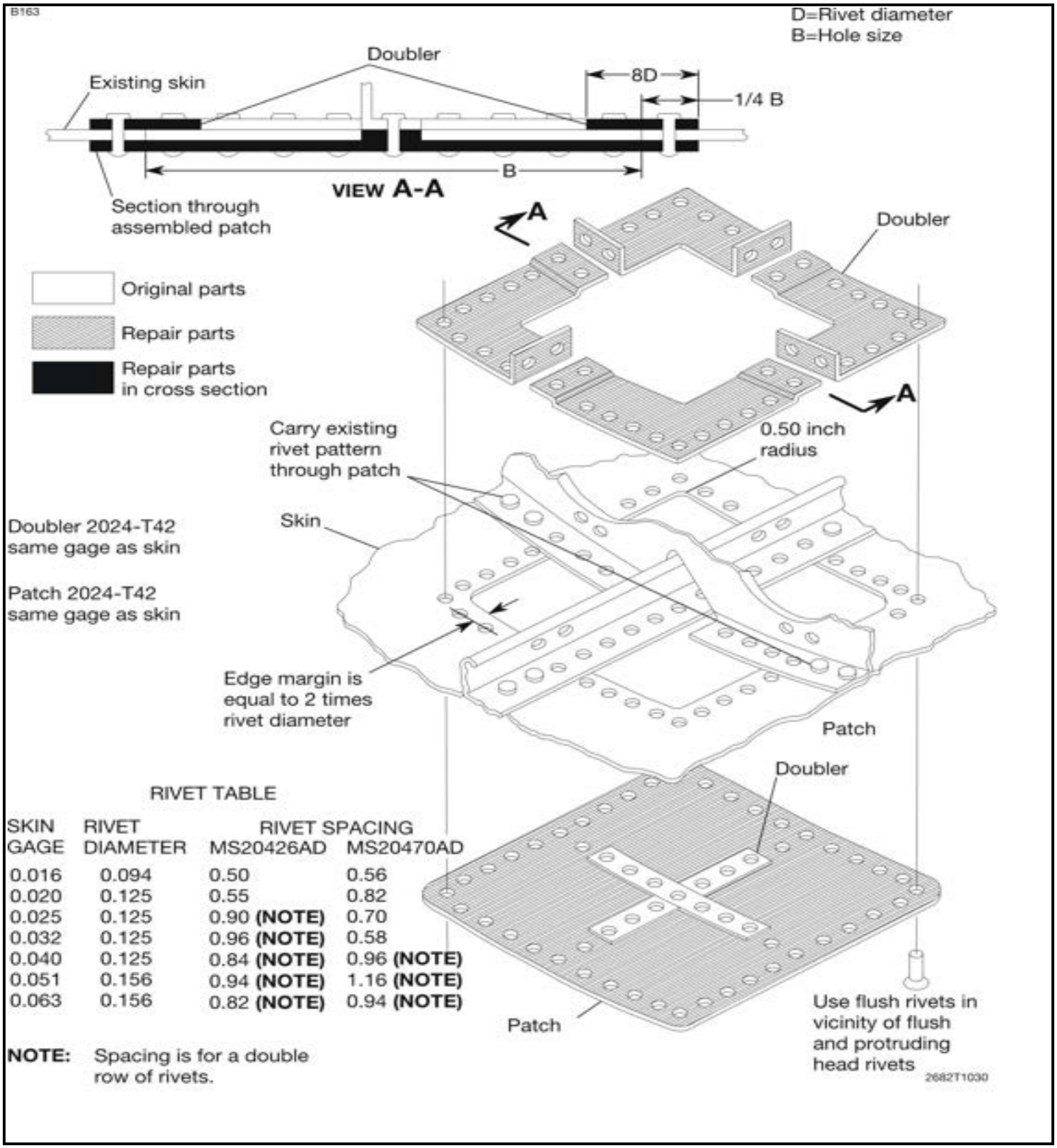
RIVET TABLE

SKIN GAGE	RIVET DIAMETER	RIVET SPACING MS20426AD	MS20470AD
0.016	0.094	0.50	0.56
0.020	0.125	0.55	0.82
0.025	0.125	0.90 **(NOTE)**	0.70
0.032	0.125	0.96 **(NOTE)**	0.58
0.040	0.125	0.84 **(NOTE)**	0.96 **(NOTE)**
0.051	0.156	0.94 **(NOTE)**	1.16 **(NOTE)**
0.063	0.156	0.82 **(NOTE)**	0.94 **(NOTE)**

NOTE: Spacing is for a double row of rivets.

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 801 : Sheet 2 : Skin Repair



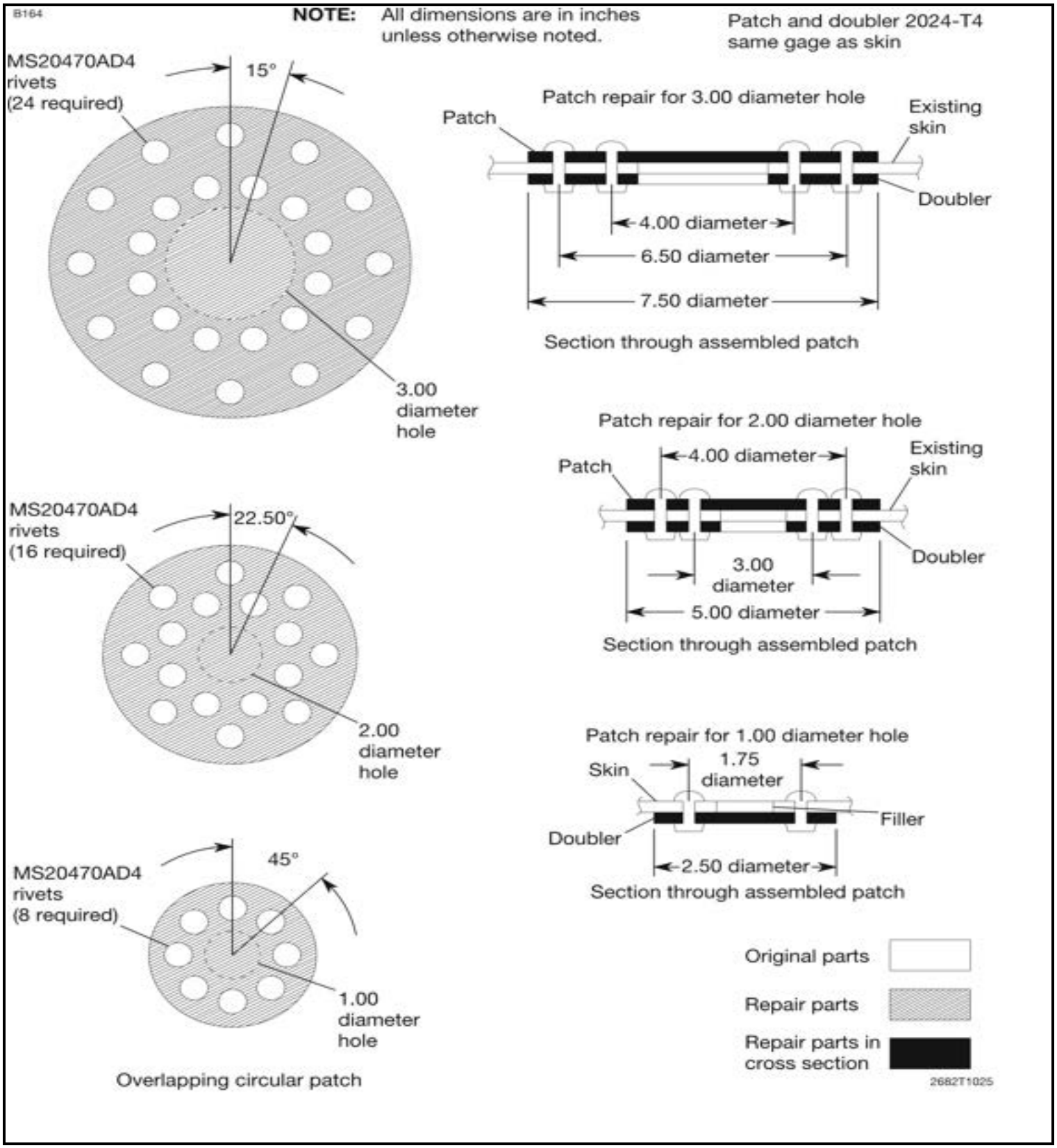
RIVET TABLE

SKIN GAGE	RIVET DIAMETER	RIVET SPACING MS20426AD	MS20470AD
0.016	0.094	0.50	0.56
0.020	0.125	0.55	0.82
0.025	0.125	0.90 **(NOTE)**	0.70
0.032	0.125	0.96 **(NOTE)**	0.58
0.040	0.125	0.84 **(NOTE)**	0.96 **(NOTE)**
0.051	0.156	0.94 **(NOTE)**	1.16 **(NOTE)**
0.063	0.156	0.82 **(NOTE)**	0.94 **(NOTE)**

NOTE: Spacing is for a double row of rivets.

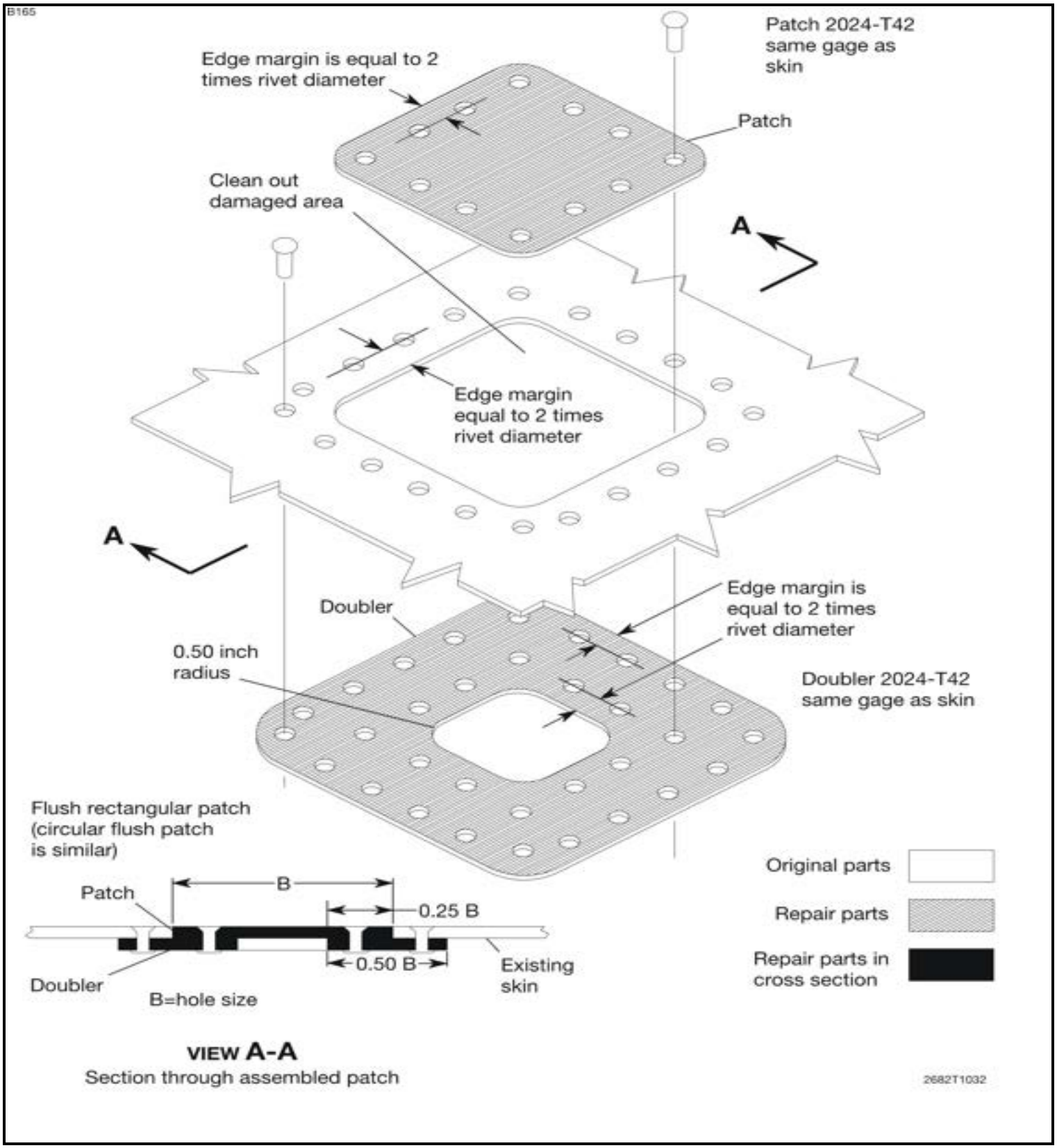
Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 801 : Sheet 3 : Skin Repair



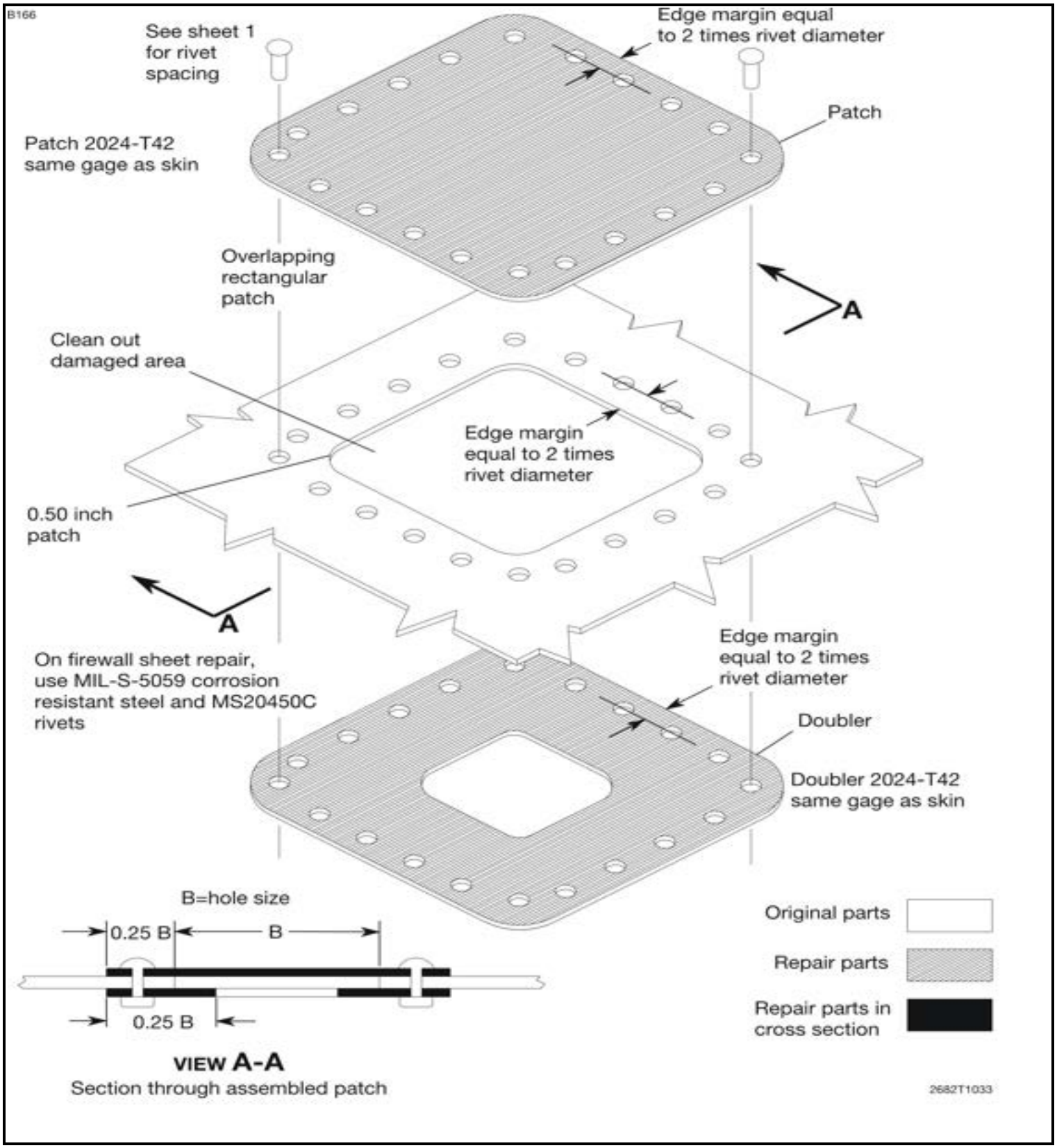
Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 801 : Sheet 4 : Skin Repair



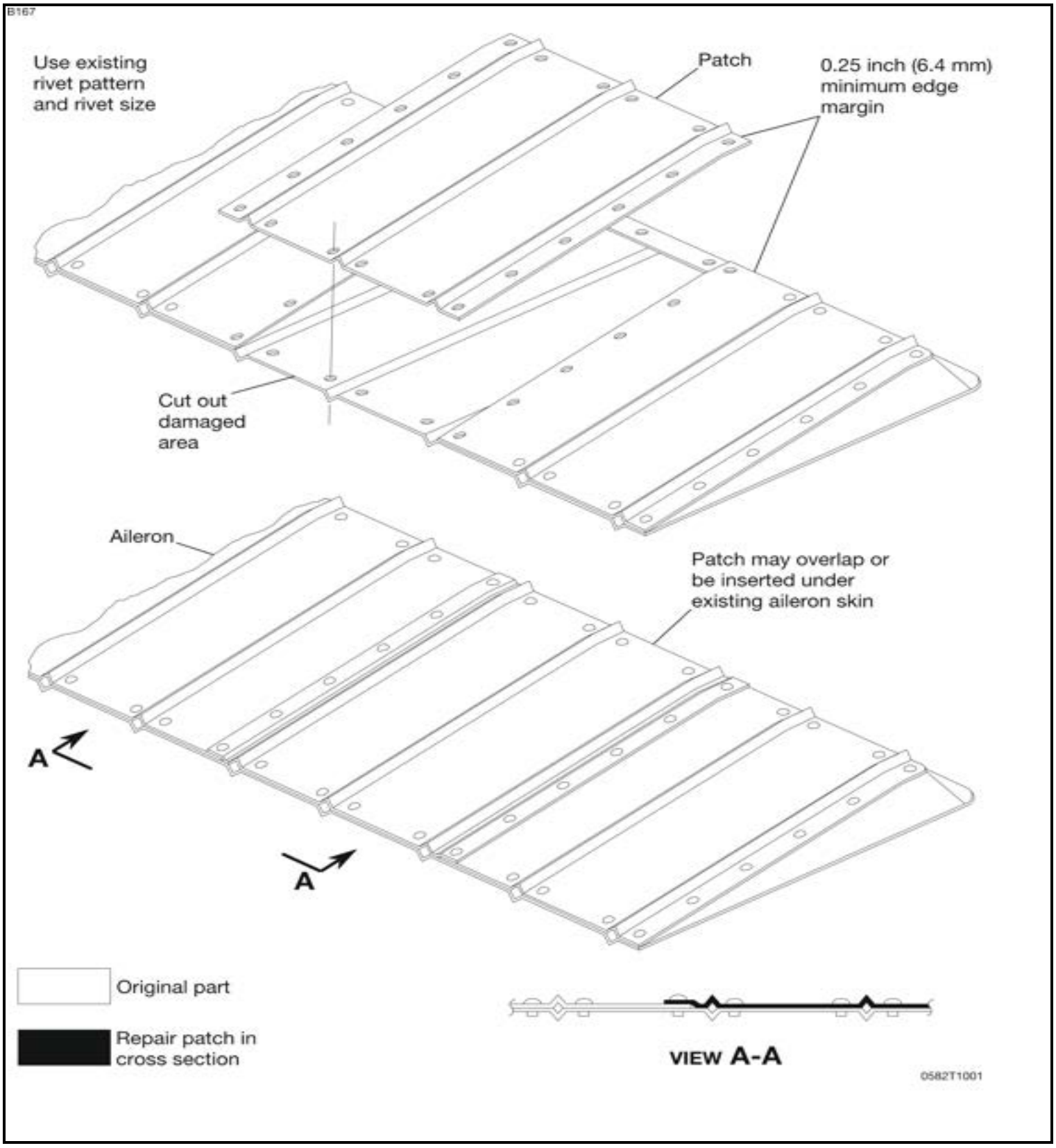
Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 801 : Sheet 5 : Skin Repair



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 802 : Sheet 1 : Corrugated Skin Repair



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

RUDDER

1. Rudder

A. The rudder is constructed of a spar, ribs, and skin. A torque tube, incorporating a lower hinge bracket, is attached to the lower leading edge. A balance weight is bolted to the upper tip leading edge.

2. Negligible Damage

A. Minor skin dents and nicks are considered negligible and should be worked out by burnishing.

3. Repairable Damage

A. Skin damage exceeding that considered negligible damage, can be repaired by patching. Typical repairs are illustrated in Chapter 51, Typical Skin Repair and Control Surface Repair.

B. A flight control surface which has been repaired or replaced must be balanced in accordance with the procedures outlined in Chapter 51, Flight Control Surface Balancing.

4. Replacement Damage

A. Assemblies that have been twisted or warped beyond usable limits and parts with extensive corrosion damage are considered replaceable. Small parts which may be easily fabricated from materials available locally should be replaced.

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

WINDOWS - GENERAL

1. General

A. This chapter provides repair information applicable to windshields and windows used on the 1996 and On single engine airplanes. These repairs may be utilized without removing components from the airplane.

B. For windshield/window removal or replacement, refer to the various model Maintenance Manuals, Chapter 56 - Windows.

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

PLASTIC WINDOW SURFACE REPAIR

1. Repair of Plastic Window Surfaces

A. Damaged window panels and the windshield on the airplane are normally removed and replaced if the damage is extensive. However, certain repairs as described in the following paragraphs can be accomplished without removing the damaged part from the airplane. Three types of temporary repairs for cracked plastic are possible. No repairs of any kind are recommended on highly stressed or compound curves or where the repair would be likely to affect the pilots or copilot's field of vision during normal flight or landing operations. Curved areas are more difficult to repair than flat areas, and any repaired area is both structurally and optically inferior to the original surface. Refer to Figure 801 for an illustration of typical windshield and window repair.

NOTE: If temporary repairs are made, operations should be kept to a minimum until replacement of window can be made.

2. Tools and Materials

NAME	NUMBER	MANUFACTURER	USE
Novus 1		Novus Co. Minneapolis, MN 55435	To polish scratches out of windows.
Novus 2		Novus Co.	To polish scratches out of windows.
Methylene Chloride		Commercially Available	Solvent for repair of windows.

3. Stop-Drilling

A. The following procedure should be used when stop-drilling.

(1) When a crack appears in a panel, drill a hole at the end of the crack to prevent further spreading. The hole should be approximately 1/8 inch in diameter, depending on the length of the crack and the thickness of the material. This is a temporary repair.

NOTE: If temporary repairs are made, operations should be kept to a minimum until replacement of window or windshield can be made.

4. Surface Patch

A. The following procedure should be used when preparing a surface patch.

(1) Trim away damaged area and round all corners.

(2) Cut a piece of plastic of sufficient size to cover the damaged area and extend ¾ inch on each side of crack or hole.

(3) Bevel edges as shown in Figure 801.

NOTE: If section to be repaired is curved, shape surface patch to the same contour by heating it in an oil bath at a temperature of 248°F to 302°F, or it may be heated on a hotplate until soft. Boiling water should not be used for heating.

(4) Coat surfaces to be bonded evenly with plastic solvent adhesive (acrylic chips dissolved in methylene chloride) and place immediately over the hole.

(5) Maintain a uniform pressure of 5 to 10 pounds per square inch on the surface patch for a minimum of 3 hours. Allow surface to dry 24 to 36 hours before sanding or polishing is attempted.

5. Insert (Plug) Patch

A. The following procedure should be used when preparing a plug patch.

(1) Trim hole to a perfect circle or oval and bevel edges slightly.

(2) Make plug patch slightly thicker than the material being repaired, and similarly bevel the edges.

(3) Install plug patch as illustrated in Figure 801.

(4) Heat plug patch until it is soft, press into the hole without plastic solvent adhesive, and allow to cool to make a perfect fit.

(5) Remove plug patch, coat surfaces to be bonded with plastic solvent (acrylic chips dissolved in methylene chloride), and insert plug patch in the hole.

(6) Maintain a firm, light pressure until the plastic solvent adhesive has set.

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

(7) Sand or file edges level with surface; buff and polish. Do not attempt hand polishing until surface is clean. A soft, open-type cotton wheel is suggested.

NOTE: Acrylic and cellulose plastics are thermoplastic. Friction created by buffing or polishing for too long a time in one spot can generate sufficient heat to soften the surface. This will produce visual distortion and is to be guarded against.

6. Minor Scratches

A. The following procedure should be used when repairing minor scratches.

(1) Remove minor scratches by vigorously rubbing the affected area by hand, using a soft, clean cloth dampened with Novus 2 plastic polish, and finish by polishing with Novus 1. Remove polish with a soft dry cloth.

NOTE: Plastics should not be rubbed with a dry cloth, since this is likely to cause scratches, and also builds up an electrostatic charge which attracts dust particles to the surface. If, after removing dirt and grease, no great amount of scratching is visible, finish the plastic with a good grade of commercial wax. Apply the wax in a thin, even coat, and bring to a high polish by rubbing lightly with a soft cloth.

7. Cleaning Plastic

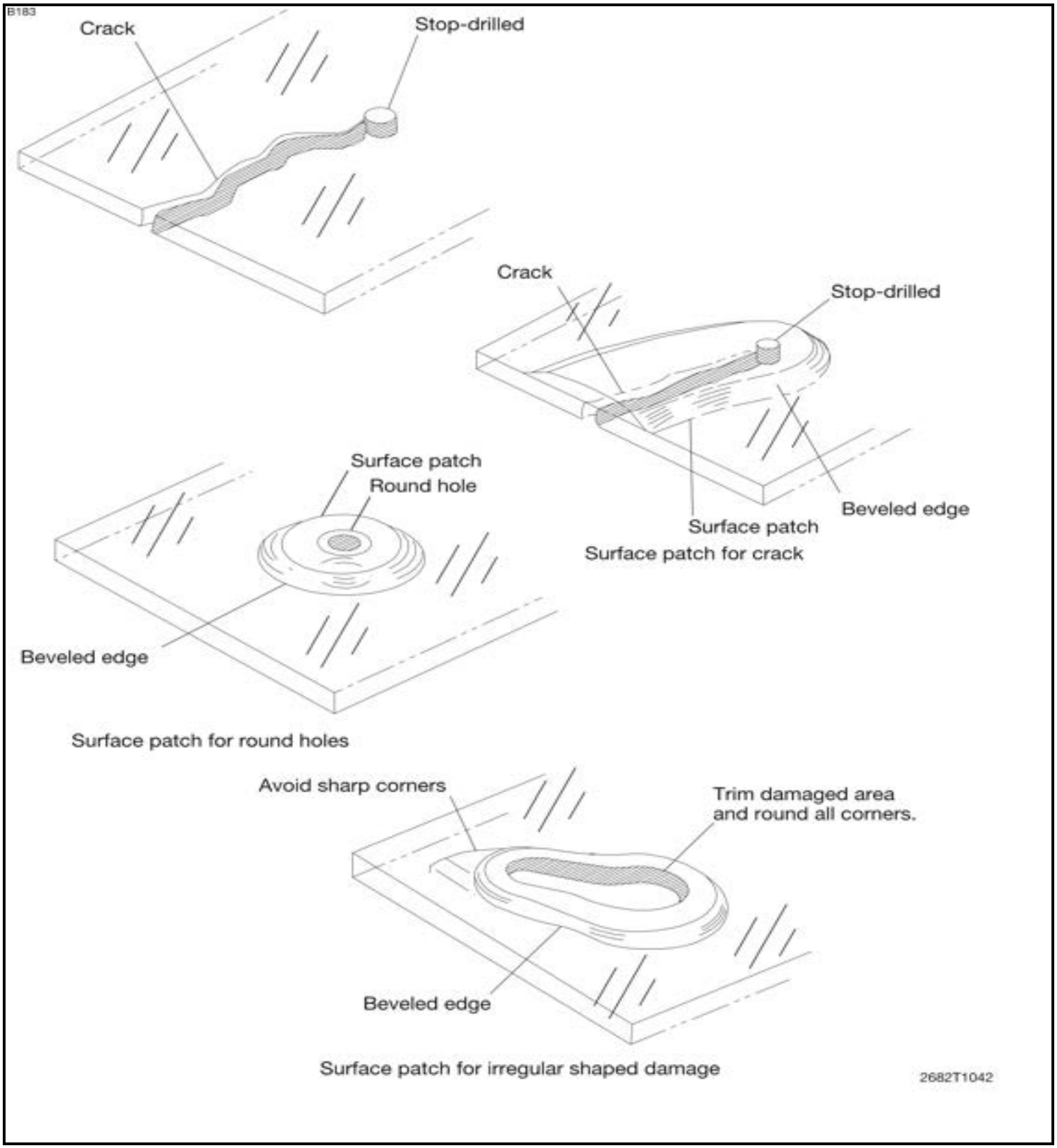
A. The following procedure is the recommended method for cleaning plastic windows.

(1) Clean the plastic by washing with plenty of water and mild soap, using a clean, soft, grit free cloth, sponge, or bare hands.

CAUTION: Do not use gasoline, alcohol, benzene, acetone, carbon tetrachloride, fire extinguisher or deicing fluids, lacquer thinners, or window cleaning sprays because they will soften the plastic and cause crazing.

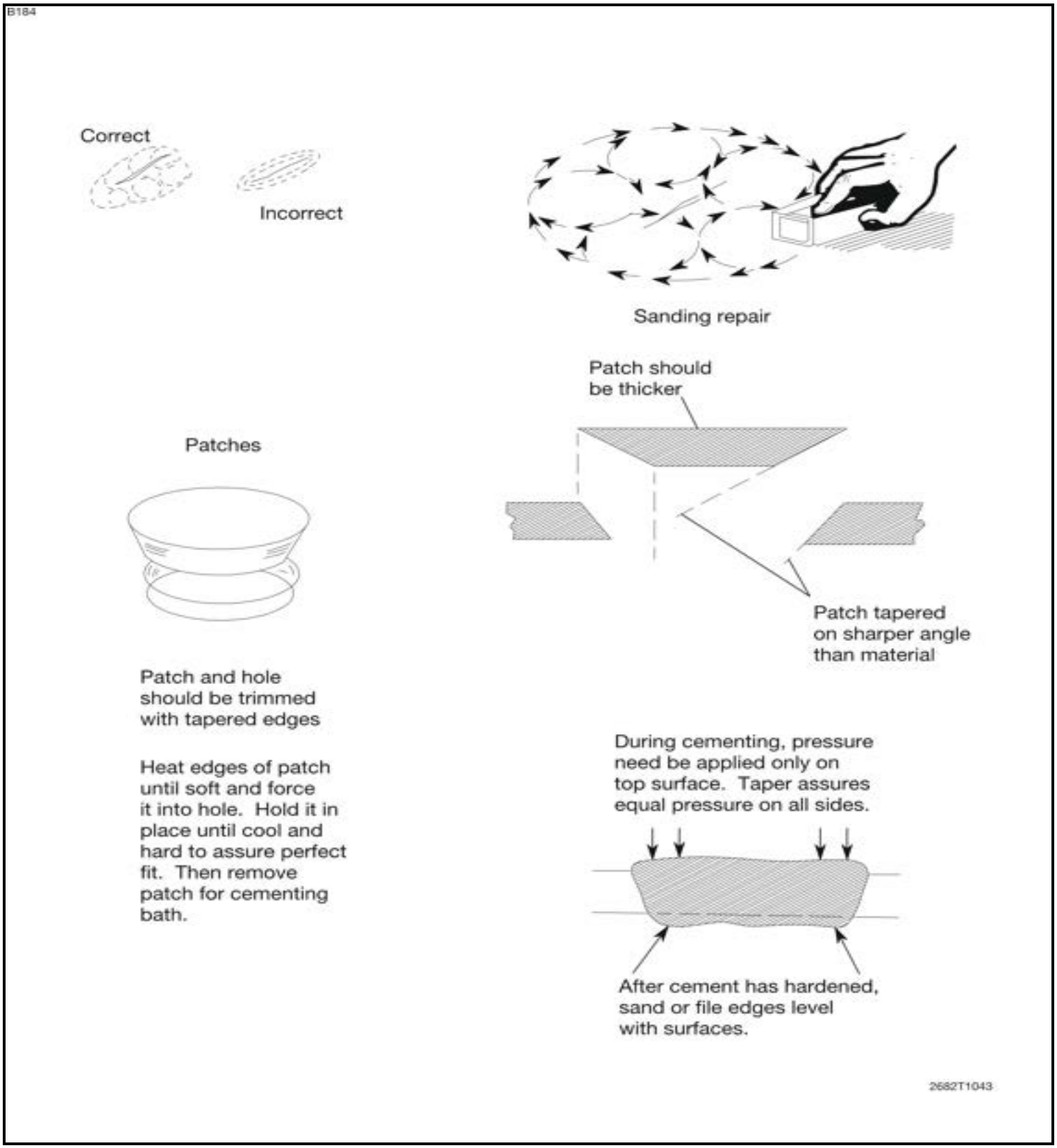
Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 801 : Sheet 1 : Typical Windshield and Windows Repair



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 801 : Sheet 2 : Typical Windshield and Windows Repair



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

POWERPLANT - GENERAL

1. General

A. Single engine airplanes produced from 1996 and On use Lycoming powerplants. These powerplants are attached to the fuselage by dynafocal mounts (172R, 172S, 182S, 182T and T182T) or by sheet metal bed mounts (206H and T206H).

B. This chapter covers structural repair to the cowlings (172R, 172S, 182S, 182T and T182T), and structural repair to the welded engine mounts (172R, 172S, 182S, 182T and T182T). For repair information not covered in this manual, contact Cessna Propeller Aircraft Product Support, P.O. Box 7706, Wichita, KS 67277. Telephone(316) 517-5800 or Facsimile (316) 942-9006.

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

ENGINE COWLING REPAIRS

1. General

A. This section provides repair procedures for the cowl skins and reinforcement angles.

2. Repair of Cowling Skins

A. Cowl halves are made of formed aluminum skin. If extensively damaged, complete sections of cowling must be replaced. Standard insert-type skin patches, however, may be used if repair parts are formed to fit. Small cracks may be stop drilled and dents straightened if they are reinforced on the inner side with a doubler of the same material.

3. Repair of Reinforcement Angles

A. Due to their small size, cowl reinforcement angles should be replaced (rather than repaired) if they become damaged.

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

DYNAFOCAL-TYPE ENGINE MOUNT REPAIRS

1. General

A. The engine mount is fabricated from 4130 chrome-molybdenum steel tubing. The mount attaches to the firewall at four points and to the engine using rubber isolation mounts at four points.

NOTE: Repair by gas welding is acceptable.

2. Engine Mount Repairs

A. The following procedures are to be used when making repairs to the engine mount. Refer to Figure 801.

(1) All welding on the engine mounts should be of the highest quality, since the tendency of vibration will accentuate any minor defect present and cause fatigue cracks. Engine mount members are preferably repaired by using larger diameter replacement tube welds. However, reinforced 30-degree scarf welds in place of the fishmouth welds are considered satisfactory for engine mount repair work.

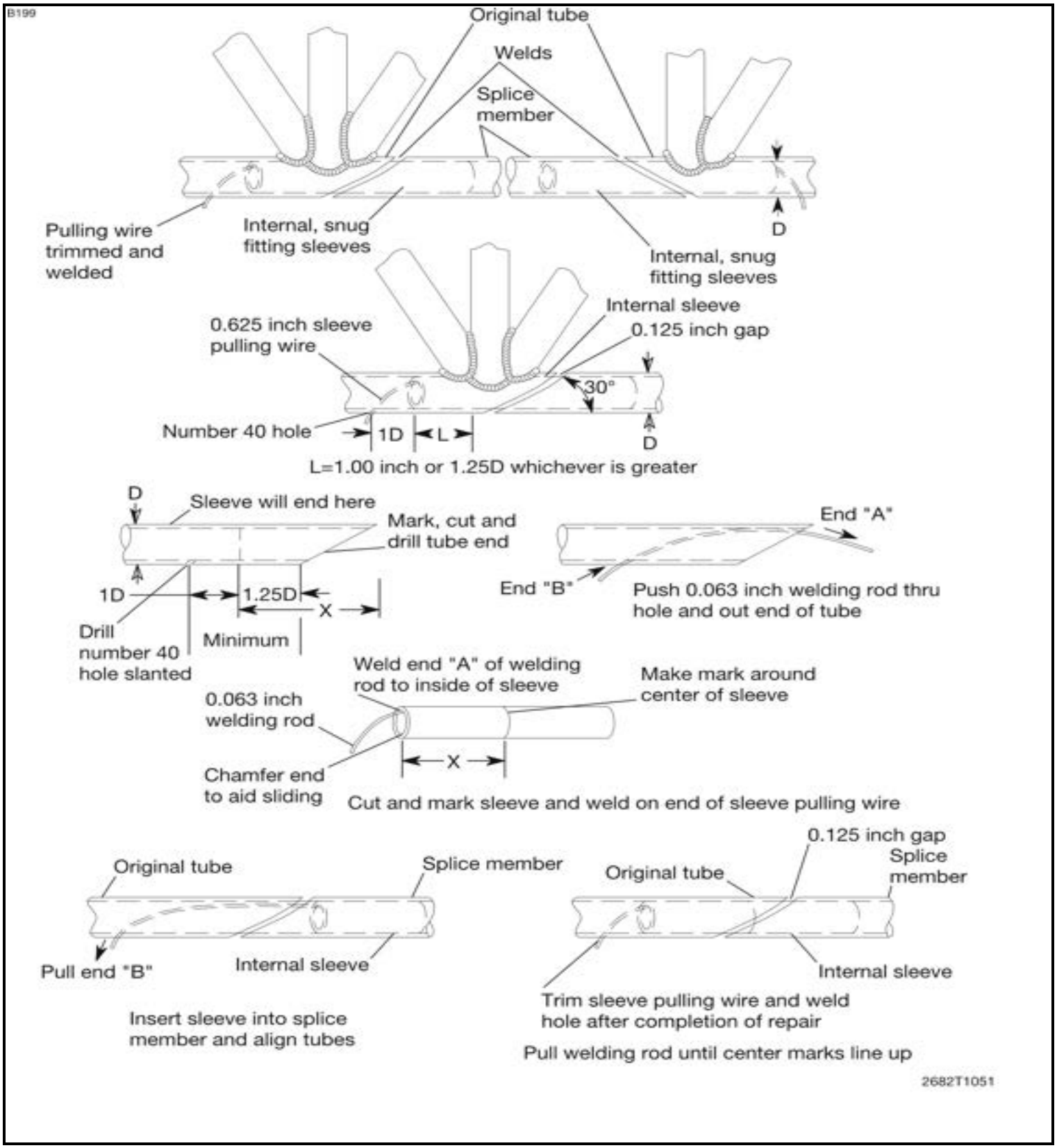
(2) Minor damage, such as a crack adjacent to an engine attaching lug, may be repaired by rewelding the tube and extending a gusset past the damaged area. Extensively damaged parts must be replaced.

(3) Engine mounting lugs and engine mount-to-fuselage attach fittings should be replaced, not repaired.

(4) For information on damage beyond the scope of these repairs, consult Cessna Propeller Aircraft Product Support, P.O. Box 7706, Wichita, KS 67277 USA, Telephone (316) 517-5800 or Facsimile (316) 942-9006.

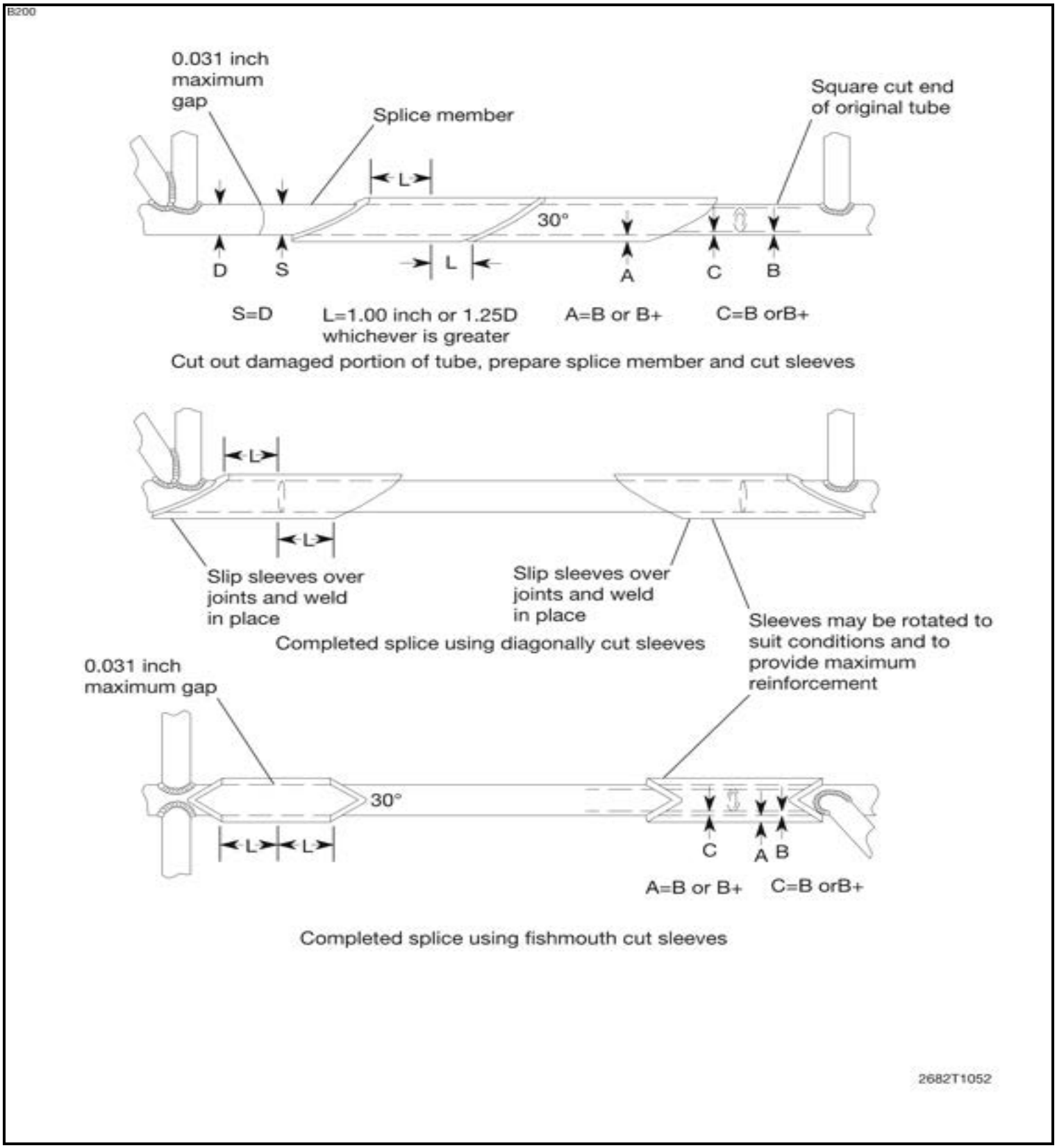
Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 801 : Sheet 1 : Typical Engine Mount Repairs



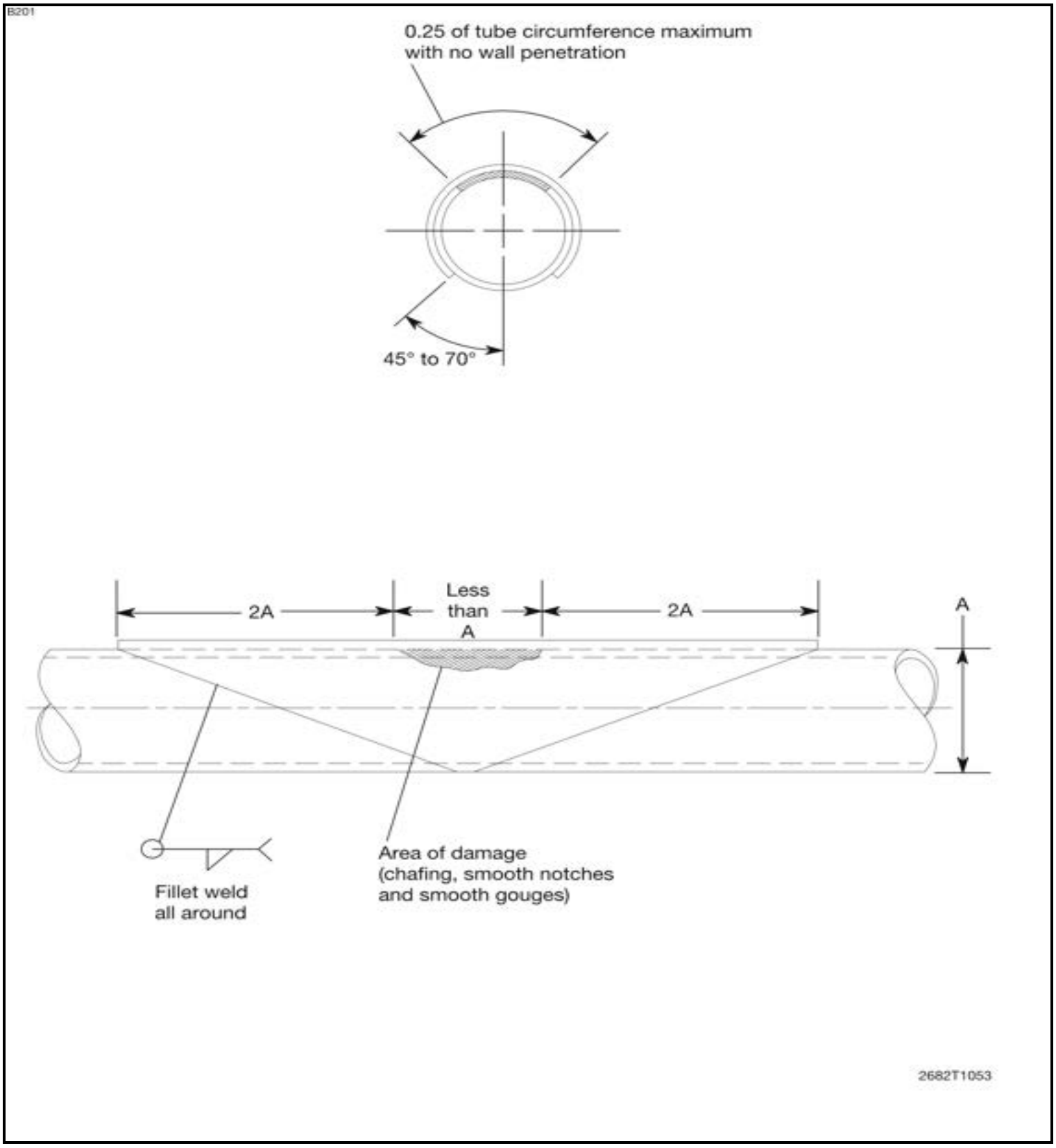
Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 801 : Sheet 2 : Typical Engine Mount Repairs



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 801 : Sheet 3 : Typical Engine Mount Repairs



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

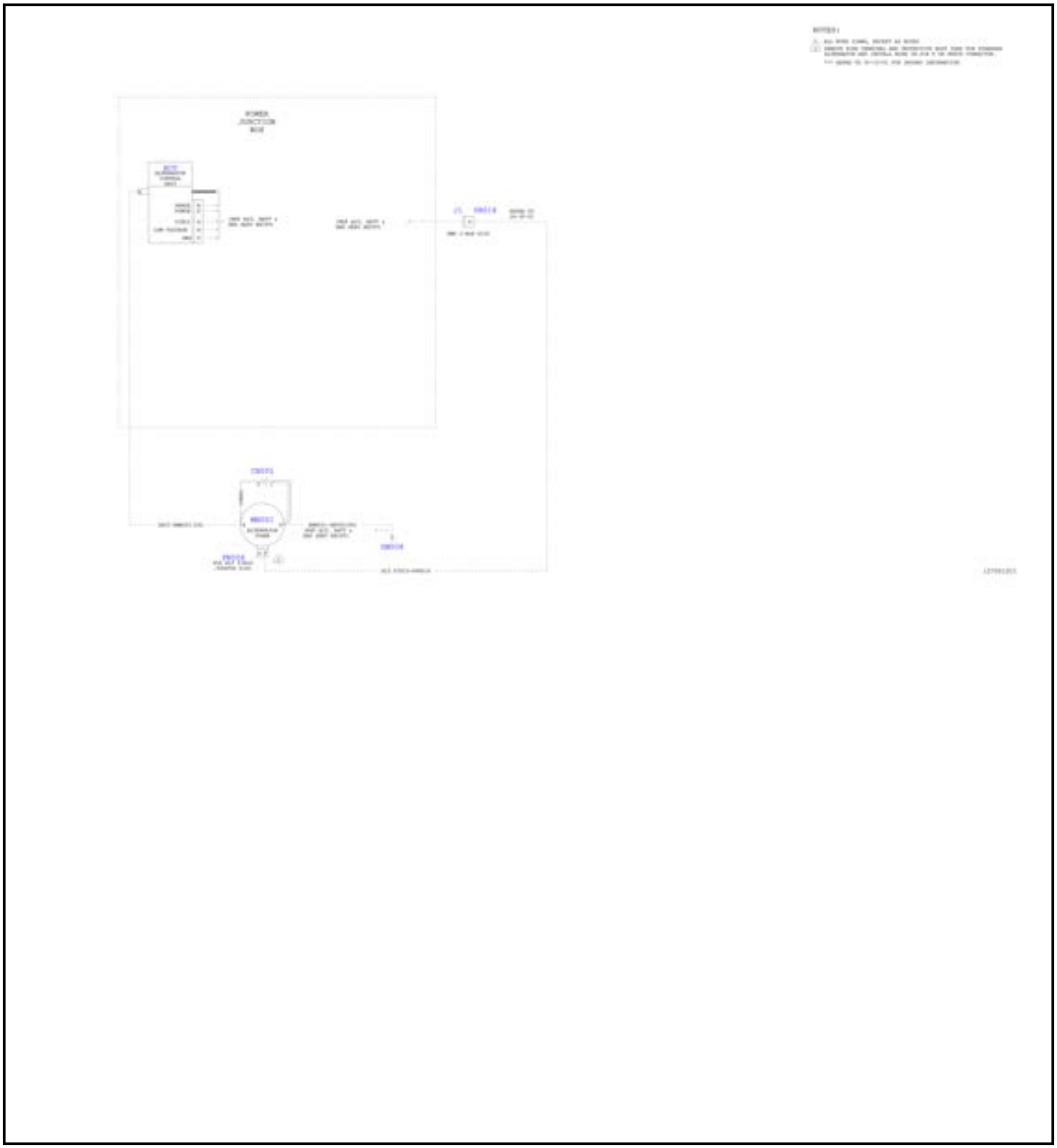
ALTERNATOR

AIRPLANES (206) 08016 & ON AND AIRPLANES (T206) 08001 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
ACU	AC2101	ALTERNATOR CONTROL UNIT (ZONE 121)	V3RCD2	(206) 08016 & ON (T206) 08001 & ON	01
CN001	S1915-1	CAPACITOR - ALTERNATOR FILTER (ZONE 120)		(206) 08001 - 08099 (T206) 08001 - 08099	01
CN001	S1915-3	CAPACITOR - ALTERNATOR FILTER (ZONE 120)		(206) 08100 & ON (T206) 08100 & ON	01
GN008	S1367-6-13	GROUND STUD (ZONE 121)		(206) 08016 & ON (T206) 08001 & ON	01
J1	S1640-6	CONNECTOR - JUNCTION BOX DISCONNECT (ZONE 510)		(206) 08016 & ON (T206) 08001 & ON	01
	S1635-1	. CONTACT	V49367		AR
MN001	9910591-12	ALTERNATOR (ZONE 120)		(206) 08016 & ON (T206) 08001 & ON	01
	TC218N1V02	. INSULATOR CAP	VOMAS		01
	TC218N2V02	. INSULATOR CAP	VOMAS		01
	TC220N2V02	. INSULATOR CAP	VOMAS		01
	2-330969-1	. TERMINAL	V00779	(206) 08292 & ON (T206) 08739 & ON	01
	330969	. TERMINAL	V00779	(206) 08292 & ON (T206) 08739 & ON	01
PB018	S2800-274	CONNECTOR - JUNCTION BOX DISCONNECT (ZONE 121)		(206) 08016 & ON (T206) 08001 & ON	01
PN008	S2376-2	CONNECTOR - 95A ALTERNATOR FIELD/STATOR DISCONNECT (ZONE 120) FOR SPARES ORDER (MUST REPLACE WITH): 2570101-1		(206) 08016 & ON (T206) 08001 & ON	02
	2570101-1	CONNECTOR ASSEMBLY		(206) 08016 & ON (T206) 08001 & ON	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 01 : Sheet 01 : ALTERNATOR



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

DC GENERATION SYSTEM

AIRPLANES (206) 08001 THRU 08138 AND AIRPLANES (T206) 08001 THRU 08259

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
ACU	AC2101	ALTERNATOR CONTROL UNIT (ZONE 121)	V3RCD2	(206) 08001 - 08138 (T206) 08001 - 08259	01
CN001	S1915-1	CAPACITOR - ALTERNATOR FILTER (ZONE 120)		(206) 08001 - 08099 (T206) 08001 - 08099	01
CN001	S1915-3	CAPACITOR - ALTERNATOR FILTER (ZONE 120)		(206) 08100 & ON (T206) 08100 & ON	01
EI012	S3280-1	INDICATOR - AMMETER/VACUUM (ZONE 220)		(206) 08001 - 08138 (T206) 08001 - 08259	01
F1	F53-0003	FUSE (ZONE 121)	V3RCD2	(206) 08095 - 08138 (T206) 08165 - 08259	01
F2	ATC-30	FUSE (ZONE 121)	V65702	(206) 08001 - 08094 (T206) 08001 - 08164	01
F2	F53-0003	FUSE (ZONE 121)	V3RCD2	(206) 08095 - 08138 (T206) 08165 - 08259	01
F3	ATC-30	FUSE (ZONE 121)	V65702	(206) 08001 - 08094 (T206) 08001 - 08164	01
F3	F53-0003	FUSE (ZONE 121)	V3RCD2	(206) 08095 - 08138 (T206) 08165 - 08259	01
F4	F51-0003	FUSE (ZONE 121)	V3RCD2	(206) 08001 - 08138 (T206) 08001 - 08259	01
GI001	S2527-1	GROUND STUD FOR SPARES ORDER (MUST REPLACE WITH): S2099-2		(206) 08001 - 08138 (T206) 08001 - 08259	01
	S2099-2	CONTACT		(206) 08001 - 08138 (T206) 08001 - 08259	AR
	200838-2	. BLOCK	V00779		AR
	S2527-3	. CLAMP			AR
	S2099-13	. CONTACT			AR
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		02
	201846-1	. JACKSCREW	V00779		AR
	203618-1	. JACKSCREW	V00779		02
GN002	5/15-18NC	GROUND STUD	V65702	(206) 08001 - 08138 (T206) 08001 - 08259	01
GN007	3940358-2	GROUND STUD (ZONE 120)		(206) 08001 - 08138 (T206) 08001 - 08259	01
	S1367-6-14	. TERMINAL			AR
GN008	S1367-6-13	GROUND STUD (ZONE 121)		(206) 08001 - 08138 (T206) 08001 - 08259	01
HI010	S1360-5L	CIRCUIT BREAKER - ALTERNATOR FIELD (ZONE 224)		(206) 08001 - 08138 (T206) 08001 - 08259	01
J1	S1640-6	CONNECTOR - JUNCTION BOX DISCONNECT (ZONE 510)		(206) 08001 - 08138 (T206) 08001 - 08259	01
	S1635-1	. CONTACT	V49367		AR
J2		CONNECTOR - JUNCTION BOX POWER DISCONNECT (ZONE 210)			RF
J3		CONNECTOR - GROUND POWER (ZONE 121)			RF
J4		CONNECTOR - CURRENT SENSE DISCONNECT (ZONE 121)			RF
JC001	S2349-5	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08001 - 08138 (T206) 08001 - 08259	01
	S1636-2	. CONTACT			AR
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
JI006	770585-1	CONNECTOR - ANNUNCIATOR PANEL (ZONE 210)	V00779	(206) 08001 - 08138 (T206) 08001 - 08259	01
	170365-3	. CONTACT	V00779		AR
	S3556-26	. SOCKET			AR
JI019	S2349-3	CONNECTOR - AMMETER VACUUM GAGE (ZONE 220) FOR SPARES ORDER (MUST REPLACE WITH): S2099-2		(206) 08001 - 08138 (T206) 08001 - 08259	01
	S2099-2	CONTACT		(206) 08001 - 08138 (T206) 08001 - 08259	03
	S2099-4	. CONTACT	V00779		AR
	S2414-1	. KEYING PLUG			01
K1	X61-0007	RELAY - ALTERNATOR (ZONE 121)	V3RCD2	(206) 08001 - 08138 (T206) 08001 - 08259	01
K2	322897	RELAY - ELECTRICAL DISTRIBUTION BOX (ZONE 121)	V00779	(206) 08001 - 08138 (T206) 08001 - 08259	01
K3	322879	RELAY - BATTERY ELECTRICAL DISTRIBUTION BOX (ZONE 121)	V00779	(206) 08001 - 08138 (T206) 08001 - 08259	01
K4	X61-0007	RELAY - EXTERNAL POWER (ZONE 121)	V3RCD2	(206) 08001 - 08138 (T206) 08001 - 08259	01
MN001	9910591-12	ALTERNATOR (ZONE 120)		(206) 08001 - 08138 (T206) 08001 - 08259	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

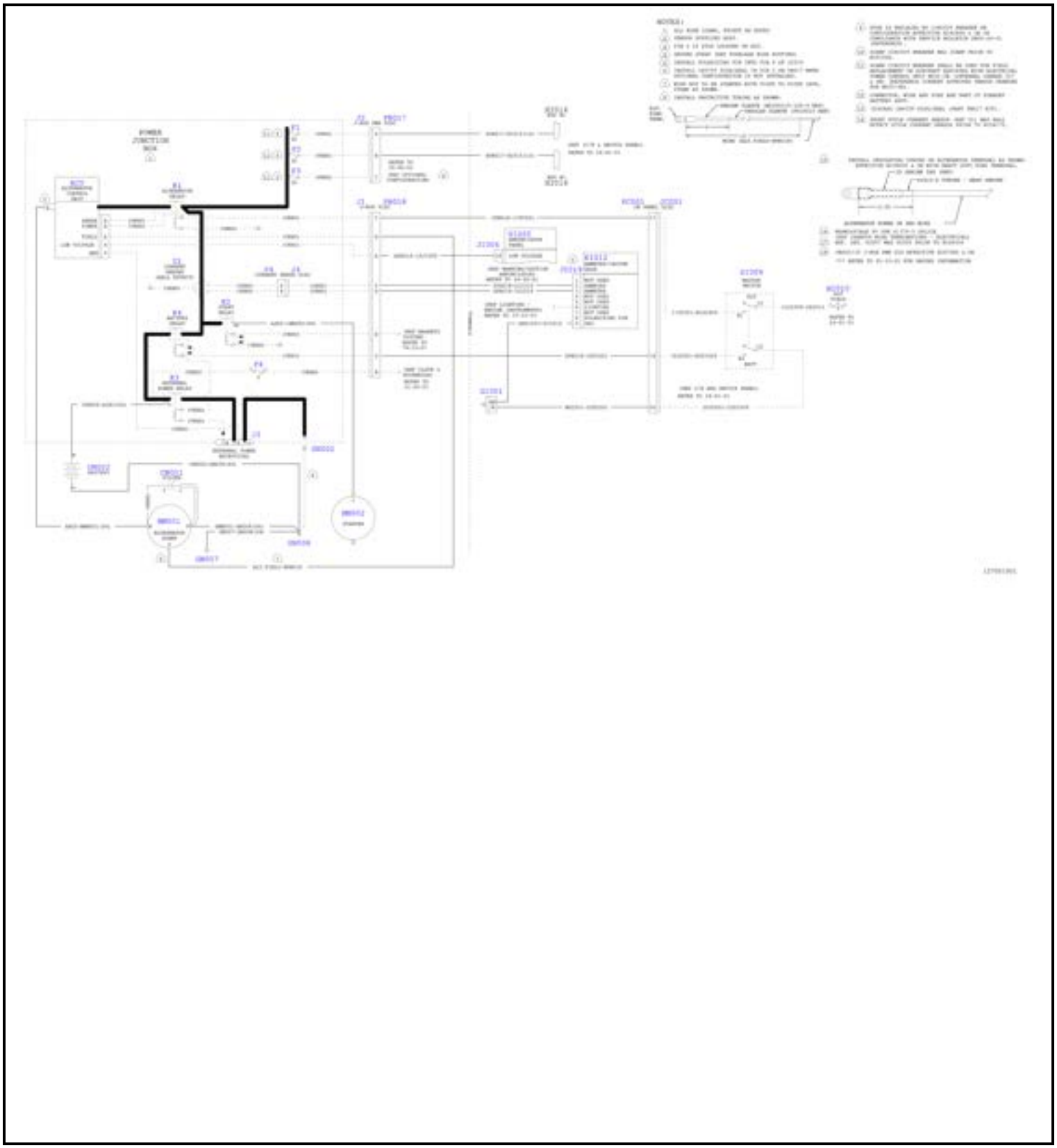
DC GENERATION SYSTEM

AIRPLANES (206) 08001 THRU 08138 AND AIRPLANES (T206) 08001 THRU 08259

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
	TC218N1V02	. INSULATOR CAP	VOMAS		01
	TC218N2V02	. INSULATOR CAP	VOMAS		01
	TC220N2V02	. INSULATOR CAP	VOMAS		01
	2-330969-1	. TERMINAL	V00779	(206) 08292 & ON (T206) 08739 & ON	01
	330969	. TERMINAL	V00779	(206) 08292 & ON (T206) 08739 & ON	01
MN002	31B22101	MOTOR - STARTER (ZONE 120)	V65702	(206) 08001 - 08138 (T206) 08001 - 08259	01
	A-A59178-3	. NIPPLE			01
	MS25171-3S	. NIPPLE	V96906		01
	S1367-6-13	. TERMINAL			01
P4		CONNECTOR - CURRENT SENSE DISCONNECT (ZONE 121)			RF
PB017	KTKSAD10280X3	CONNECTOR - JUNCTION BOX POWER DISCONNECT (ZONE 121)	V1F242	(206) 08001 - 08138 (T206) 08001 - 08259	01
	KTKSAD10FT	. TERMINAL KIT	V1F242		AR
PB018	S2800-274	CONNECTOR - JUNCTION BOX DISCONNECT (ZONE 121)		(206) 08001 - 08138 (T206) 08001 - 08259	01
PC001	S2350-10	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08001 - 08138 (T206) 08001 - 08259	01
	S2350-4	. CONTACT	V00779		01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
SI009	S3272-1-1	SWITCH - MASTER (ZONE 224)		(206) 08001 - 08138 (T206) 08001 - 08259	01
	S1843-1	. MOUNTING BEZEL			01
U1	CS3100	CURRENT SENSOR (ZONE 120)	V3RCD2	(206) 08001 - 08138 (T206) 08001 - 08259	01
UI005	CSEWCA-01	ANNUNCIATOR - LOW FUEL (ZONE 225)	V0GZF3	(206) 08001 - 08138 (T206) 08001 - 08259	01
UN002	C614001-0105	BATTERY - 60 AMP (ZONE 122)		(206) 08001 & ON (T206) 08001 & ON	02
	S1367-6-13	. TERMINAL			AR

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 01 : Sheet 01 : DC GENERATION SYSTEM



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

DC GENERATION SYSTEM

AIRPLANES (206) 08139 & ON AND AIRPLANES (T206) 08260 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
ACU	AC2101	ALTERNATOR CONTROL UNIT (ZONE 121)	V3RCD2	(206) 08139 & ON (T206) 08260 & ON	01
CN001	S1915-3	CAPACITOR - ALTERNATOR FILTER (ZONE 120)		(206) 08100 & ON (T206) 08100 & ON	01
EI012	S3280-1	INDICATOR - AMMETER/VACUUM (ZONE 220)		(206) 08139 & ON (T206) 08260 & ON	01
F1	F53-0006	FUSE (ZONE 121)	V3RCD2	(206) 08139 & ON (T206) 08260 & ON	01
F2	F53-0006	FUSE (ZONE 121)	V3RCD2	(206) 08139 & ON (T206) 08260 & ON	01
F3	F53-0006	FUSE (ZONE 121)	V3RCD2	(206) 08139 & ON (T206) 08260 & ON	01
F4	F51-0003	FUSE (ZONE 121)	V3RCD2	(206) 08139 & ON (T206) 08260 & ON	01
GI001	S2527-1	GROUND STUD FOR SPARES ORDER (MUST REPLACE WITH): S2099-2		(206) 08139 & ON (T206) 08260 & ON	01
	S2099-2	CONTACT		(206) 08139 & ON (T206) 08260 & ON	AR
	200838-2	. BLOCK	V00779		AR
	S2527-3	. CLAMP			AR
	S2099-13	. CONTACT			AR
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		02
	201846-1	. JACKSCREW	V00779		AR
	203618-1	. JACKSCREW	V00779		02
GN002	5/15-18NC	GROUND STUD	V65702	(206) 08139 & ON (T206) 08260 & ON	01
GN007	3940358-2	GROUND STUD (ZONE 120)		(206) 08139 & ON (T206) 08260 & ON	01
	S1367-6-14	. TERMINAL			AR
GN008	S1367-6-13	GROUND STUD (ZONE 121)		(206) 08139 & ON (T206) 08260 & ON	01
HI010	S1360-5L	CIRCUIT BREAKER - ALTERNATOR FIELD (ZONE 224)		(206) 08139 & ON (T206) 08260 & ON	01
J1	S1640-6	CONNECTOR - JUNCTION BOX DISCONNECT (ZONE 510)		(206) 08139 & ON (T206) 08260 & ON	01
	S1635-1	. CONTACT	V49367		AR
J2		CONNECTOR - JUNCTION BOX POWER DISCONNECT (ZONE 210)			RF
J3		CONNECTOR - GROUND POWER (ZONE 121)			RF
J4		CONNECTOR - CURRENT SENSE DISCONNECT (ZONE 121)			RF
JC001	S2349-5	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08139 & ON (T206) 08260 & ON	01
	S1636-2	. CONTACT			AR
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
JI006	770585-1	CONNECTOR - ANNUNCIATOR PANEL (ZONE 210)	V00779	(206) 08139 & ON (T206) 08260 & ON	01
	170365-3	. CONTACT	V00779		AR
	S3556-26	. SOCKET			AR
JI019	S2349-3	CONNECTOR - AMMETER VACUUM GAGE (ZONE 220) FOR SPARES ORDER (MUST REPLACE WITH): S2099-2		(206) 08139 & ON (T206) 08260 & ON	01
	S2099-2	CONTACT		(206) 08139 & ON (T206) 08260 & ON	03
	S2099-4	. CONTACT	V00779		AR
	S2414-1	. KEYING PLUG			01
K1	X61-0007	RELAY - ALTERNATOR (ZONE 121)	V3RCD2	(206) 08139 & ON (T206) 08260 & ON	01
K2	322897	RELAY - ELECTRICAL DISTRIBUTION BOX (ZONE 121)	V00779	(206) 08139 & ON (T206) 08260 & ON	01
K3	322879	RELAY - BATTERY ELECTRICAL DISTRIBUTION BOX (ZONE 121)	V00779	(206) 08139 & ON (T206) 08260 & ON	01
K4	X61-0007	RELAY - EXTERNAL POWER (ZONE 121)	V3RCD2	(206) 08139 & ON (T206) 08260 & ON	01
MN001	9910591-12	ALTERNATOR (ZONE 120)		(206) 08139 & ON (T206) 08260 & ON	01
	TC218N1V02	. INSULATOR CAP	VOMAS		01
	TC218N2V02	. INSULATOR CAP	VOMAS		01
	TC220N2V02	. INSULATOR CAP	VOMAS		01
	2-330969-1	. TERMINAL	V00779	(206) 08292 & ON (T206) 08739 & ON	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

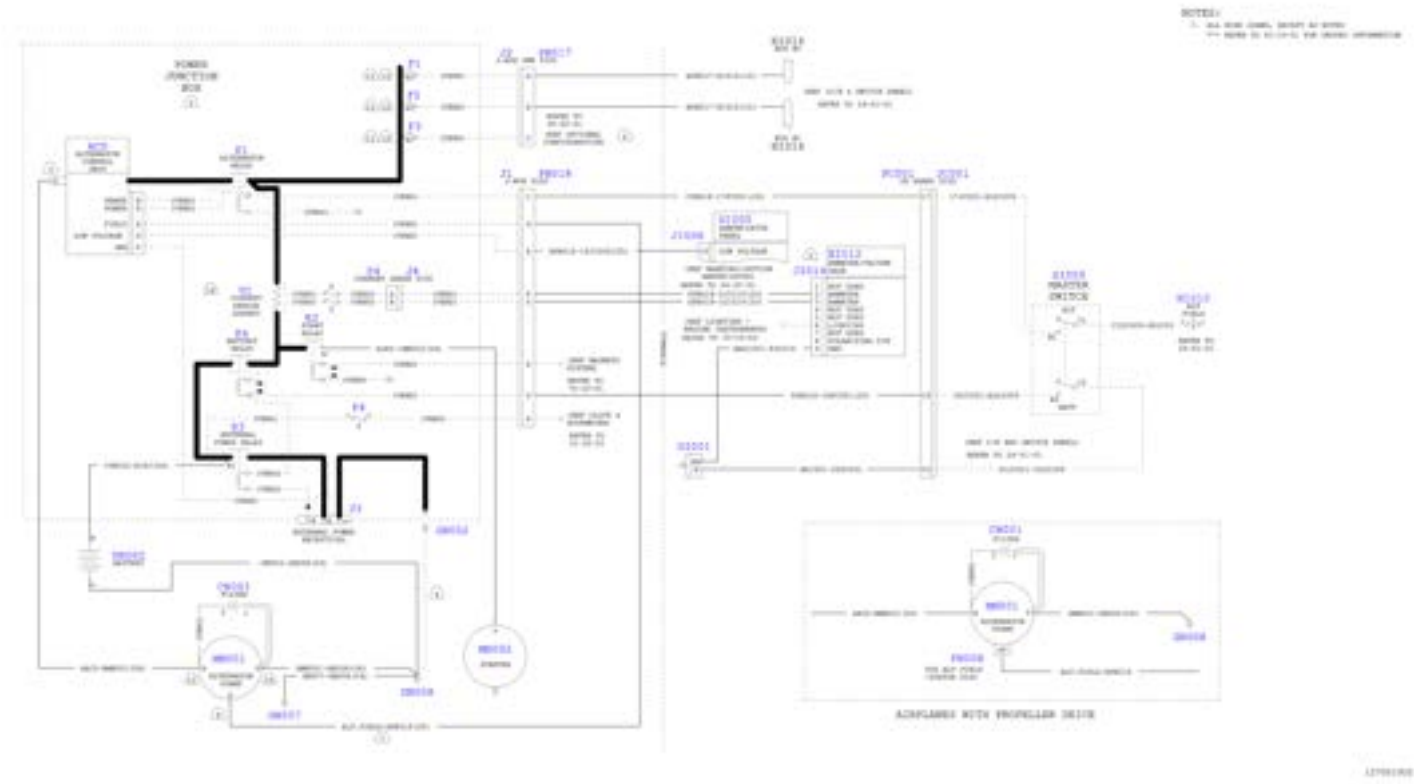
DC GENERATION SYSTEM

AIRPLANES (206) 08139 & ON AND AIRPLANES (T206) 08260 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
	330969	. TERMINAL	V00779	(206) 08292 & ON (T206) 08739 & ON	01
MN002	31B22101	MOTOR - STARTER (ZONE 120)	V65702	(206) 08139 & ON (T206) 08260 & ON	01
	A-A59178-3	. NIPPLE			01
	MS25171-3S	. NIPPLE	V96906		01
	S1367-6-13	. TERMINAL			01
P4		CONNECTOR - CURRENT SENSE DISCONNECT (ZONE 121)			RF
PB017	KTKSAD10280X3	CONNECTOR - JUNCTION BOX POWER DISCONNECT (ZONE 121)	V1F242	(206) 08139 & ON (T206) 08260 & ON	01
	KTKSAD10FT	. TERMINAL KIT	V1F242		AR
PB018	S2800-274	CONNECTOR - JUNCTION BOX DISCONNECT (ZONE 121)		(206) 08139 & ON (T206) 08260 & ON	01
PC001	S2350-10	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08139 & ON (T206) 08260 & ON	01
	S2350-4	. CONTACT	V00779		01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PN008	S2376-2	CONNECTOR - 95A ALTERNATOR FIELD/STATOR DISCONNECT (ZONE 120) FOR SPARES ORDER (MUST REPLACE WITH): 2570101-1		(206) 08139 & ON (T206) 08260 & ON	02
	2570101-1	CONNECTOR ASSEMBLY		(206) 08139 & ON (T206) 08260 & ON	01
SI009	S3272-1-1	SWITCH - MASTER (ZONE 224)		(206) 08139 & ON (T206) 08260 & ON	01
	S1843-1	. MOUNTING BEZEL			01
U1	CS3100	CURRENT SENSOR (ZONE 120)	V3RCD2	(206) 08139 & ON (T206) 08260 & ON	01
UI005	CSEWCA-03	ANNUNCIATOR - PANEL (ZONE 225) * AIRPLANES (206) 08139 & ON WITH NAV I OPTION * AIRPLANES (T206) 08260 & ON WITH NAV I OPTION	V0GZF3	(206) *08139 & ON (T206) *08260 & ON	01
UN002	C614001-0105	BATTERY - 60 AMP (ZONE 122)		(206) 08001 & ON (T206) 08001 & ON	02
	S1367-6-13	. TERMINAL			AR

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 02 : Sheet 01 : DC GENERATION SYSTEM



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

DC GENERATION SYSTEM

AIRPLANES (206) 08215 & ON WITH NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
ACU	AC2101	ALTERNATOR CONTROL UNIT (ZONE 121)	V3RCD2	(206) 08215 & ON	01
CN001	S1915-3	CAPACITOR - ALTERNATOR FILTER (ZONE 120)		(206) 08100 & ON (T206) 08100 & ON	01
F1	F53-0006	FUSE (ZONE 121)	V3RCD2	(206) 08139 & ON (T206) 08260 & ON	01
F2	F53-0006	FUSE (ZONE 121)	V3RCD2	(206) 08139 & ON (T206) 08260 & ON	01
F3	F53-0006	FUSE (ZONE 121)	V3RCD2	(206) 08139 & ON (T206) 08260 & ON	01
F4	F51-0003	FUSE (ZONE 121)	V3RCD2	(206) 08215 & ON	01
GI001	S2527-1	GROUND STUD FOR SPARES ORDER (MUST REPLACE WITH): S2099-2		(206) 08215 & ON	01
	S2099-2	CONTACT		(206) 08215 & ON	AR
	200838-2	. BLOCK	V00779		AR
	S2527-3	. CLAMP			AR
	S2099-13	. CONTACT			AR
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		02
	201846-1	. JACKSCREW	V00779		AR
	203618-1	. JACKSCREW	V00779		02
GN002	5/15-18NC	GROUND STUD	V65702	(206) 08215 & ON	01
GN007	3940358-2	GROUND STUD (ZONE 120)		(206) 08215 & ON	01
	S1367-6-14	. TERMINAL			AR
GN008	S1367-6-13	GROUND STUD (ZONE 121)		(206) 08215 & ON	01
HI010	S1360-5L	CIRCUIT BREAKER - ALTERNATOR FIELD (ZONE 224)		(206) 08215 & ON	01
J1	S1640-6	CONNECTOR - JUNCTION BOX DISCONNECT (ZONE 510)		(206) 08215 & ON	01
	S1635-1	. CONTACT	V49367		AR
J2		CONNECTOR - EPC UNIT DISCONNECT (ZONE 121)			RF
J3		CONNECTOR - GROUND POWER (ZONE 121)			RF
J4		CONNECTOR - CURRENT SENSE DISCONNECT (ZONE 121)			RF
J5		CONNECTOR - JUNCTION BOX			RF
JC025	S2350-3	RECEPTACLE - SWITCH PANEL DISCONNECT		(206) 08215 & ON	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
	S3373-1	. CONTACT			AR
	S2353-6	. PIN			05
JC026	S2350-3	RECEPTACLE - SWITCH PANEL DISCONNECT (ZONE 120)		(206) 08215 & ON	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
	S2353-6	. CONTACT			AR
	S3373-1	. CONTACT			AR
	S2353-3	. PIN	V00779		AR
JC032	S2350-5	CONNECTOR - STANDBY BATTERY DISCONNECT	V00779	(206) 08215 & ON	01
	S2351-2	. BACKSHELL	V00779		01
	S2353-6	. PIN			AR
K1	X61-0007	RELAY - ALTERNATOR (ZONE 121)	V3RCD2	(206) 08215 & ON	01
K2	322897	RELAY - ELECTRICAL DISTRIBUTION BOX (ZONE 121)	V00779	(206) 08215 & ON	01
K3	322897	RELAY - BATTERY ELECTRICAL DISTRIBUTION BOX (ZONE 121)	V00779	(206) 08215 & ON	01
K4	X61-0007	RELAY - EXTERNAL POWER (ZONE 121)	V3RCD2	(206) 08215 & ON	01
MN001	9910591-12	ALTERNATOR (ZONE 120)		(206) 08215 & ON	01
	TC218N1V02	. INSULATOR CAP	VOMAS		01
	TC218N2V02	. INSULATOR CAP	VOMAS		01
	TC220N2V02	. INSULATOR CAP	VOMAS		01
	2-330969-1	. TERMINAL	V00779	(206) 08292 & ON (T206) 08739 & ON	01
	330969	. TERMINAL	V00779	(206) 08292 & ON (T206) 08739 & ON	01
MN002	31B22101	MOTOR - STARTER (ZONE 120)	V65702	(206) 08215 & ON	01
	A-A59178-3	. NIPPLE			01
	MS25171-3S	. NIPPLE	V96906		01
	S1367-6-13	. TERMINAL			01
P1	S2035-1	CONNECTOR - STALL WARNING HORN DISCONNECT (ZONE 620, 520)		(206) 08215 & ON	01
	S1635-1	. CONTACT	V49367		AR
P4		CONNECTOR - CURRENT SENSE DISCONNECT (ZONE 121)			RF
PB017	KTKSAD10280X3	CONNECTOR - JUNCTION BOX POWER DISCONNECT (ZONE 121)	V1F242	(206) 08215 & ON	01
	KTKSAD10FT	. TERMINAL KIT	V1F242		AR
PB018	S2800-274	CONNECTOR - JUNCTION BOX DISCONNECT (ZONE 121)		(206) 08215 & ON	01
PB023	S2800-275	CONNECTOR KIT		(206) 08215 & ON	01
	12066082	. CAVITY PLUG/SEAL	V53669		01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

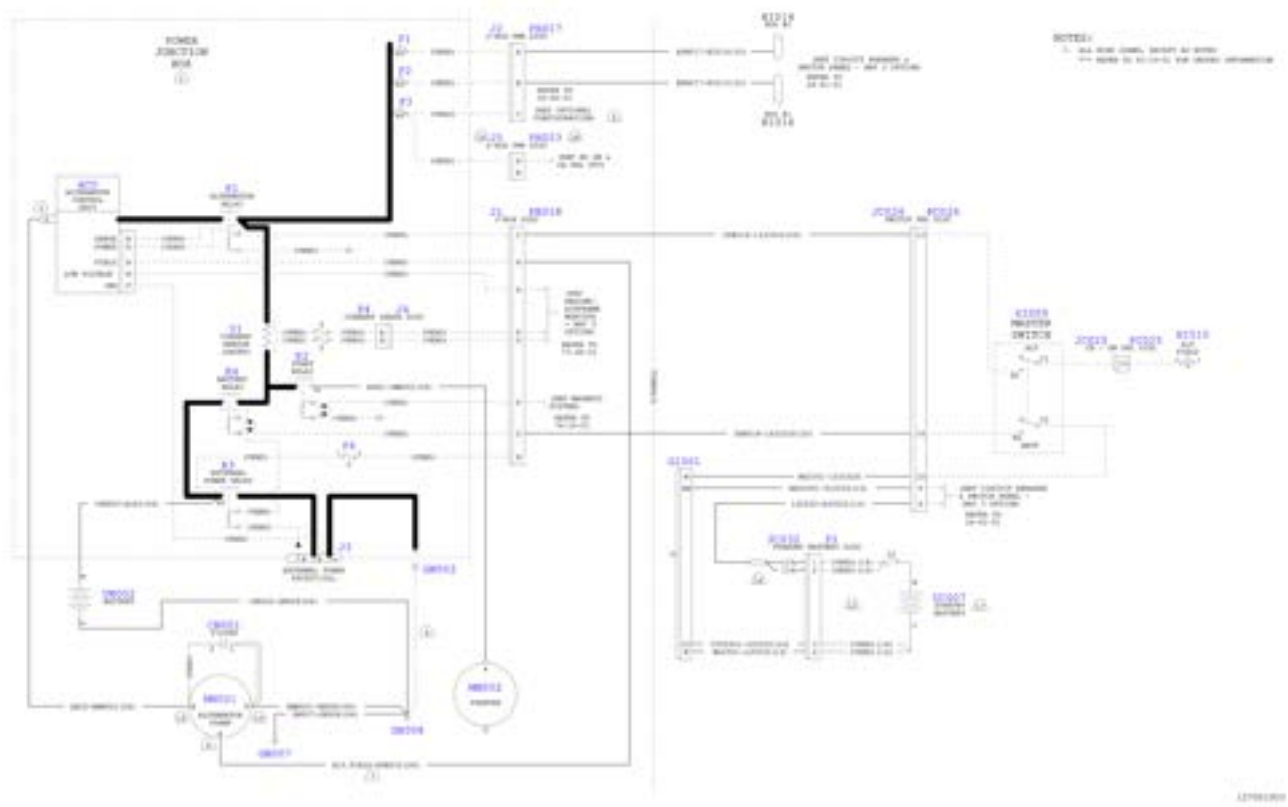
DC GENERATION SYSTEM

AIRPLANES (206) 08215 & ON WITH NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
PC025	S3373-2	CONNECTOR - CIRCUIT BREAKER/SWITCH PANEL DISCONNECT		(206) 08215 & ON	01
	S2099-13	. CONTACT			06
	S2099-3	. CONTACT			02
	S2099-4	. CONTACT	V00779		05
	S2349-1	. PLUG	V00779		01
PC026	S2349-1	PLUG - SWITCH PANEL DISCONNECT	V00779	(206) 08215 & ON	01
	S2099-3	. CONTACT			02
	S2099-4	. CONTACT	V00779		09
	S3373-2	. CONTACT			AR
SI009	S3272-1-1	SWITCH - MASTER (ZONE 224)		(206) 08215 & ON	01
	S1843-1	. MOUNTING BEZEL			01
U1	CS3100	CURRENT SENSOR (ZONE 120)	V3RCD2	(206) 08215 & ON	01
UC007	S4236-7	BATTERY PACK ASSEMBLY		(206) 08215 & ON	01
UN002	C614001-0105	BATTERY - 60 AMP (ZONE 122)		(206) 08001 & ON (T206) 08001 & ON	02
	S1367-6-13	. TERMINAL			AR

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 03 : Sheet 01 : DC GENERATION SYSTEM



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

DC GENERATION SYSTEM

AIRPLANES (T206) 08450 & ON WITH NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
ACU	AC2101	ALTERNATOR CONTROL UNIT (ZONE 121)	V3RCD2	(T206) 08450 & ON	01
CN001	S1915-3	CAPACITOR - ALTERNATOR FILTER (ZONE 120)		(206) 08100 & ON (T206) 08100 & ON	01
F1	F53-0006	FUSE (ZONE 121)	V3RCD2	(206) 08139 & ON (T206) 08260 & ON	01
F2	F53-0006	FUSE (ZONE 121)	V3RCD2	(206) 08139 & ON (T206) 08260 & ON	01
F3	F53-0006	FUSE (ZONE 121)	V3RCD2	(206) 08139 & ON (T206) 08260 & ON	01
F4	F51-0003	FUSE (ZONE 121)	V3RCD2	(T206) 08450 & ON	01
GI001	S2527-1	GROUND STUD FOR SPARES ORDER (MUST REPLACE WITH): S2099-2		(T206) 08450 & ON	01
	S2099-2	CONTACT		(T206) 08450 & ON	AR
	200838-2	. BLOCK	V00779		AR
	S2527-3	. CLAMP			AR
	S2099-13	. CONTACT			AR
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		02
	201846-1	. JACKSCREW	V00779		AR
	203618-1	. JACKSCREW	V00779		02
GN002	5/15-18NC	GROUND STUD	V65702	(T206) 08450 & ON	01
GN007	3940358-2	GROUND STUD (ZONE 120)		(T206) 08450 & ON	01
	S1367-6-14	. TERMINAL			AR
GN008	S1367-6-13	GROUND STUD (ZONE 121)		(T206) 08450 & ON	01
HI010	S1360-5L	CIRCUIT BREAKER - ALTERNATOR FIELD (ZONE 224)		(T206) 08450 & ON	01
HI011	S1360-20L	CIRCUIT BREAKER - PROPELLER HEAT (ZONE 224)		(206) 08215 & ON (T206) 08001 & ON	01
J1	S1640-6	CONNECTOR - JUNCTION BOX DISCONNECT (ZONE 510)		(T206) 08450 & ON	01
	S1635-1	. CONTACT	V49367		AR
J2		CONNECTOR - JUNCTION BOX POWER DISCONNECT (ZONE 210)			RF
J3		CONNECTOR - GROUND POWER (ZONE 121)			RF
J4		CONNECTOR - CURRENT SENSE DISCONNECT (ZONE 121)			RF
J5		CONNECTOR - JUNCTION BOX			RF
JC025	S2350-3	RECEPTACLE - SWITCH PANEL DISCONNECT		(T206) 08450 & ON	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
	S3373-1	. CONTACT			AR
	S2353-6	. PIN			05
JC026	S2350-3	RECEPTACLE - SWITCH PANEL DISCONNECT (ZONE 120)		(T206) 08450 & ON	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
	S2353-6	. CONTACT			AR
	S3373-1	. CONTACT			AR
	S2353-3	. PIN	V00779		AR
JC032	S2350-5	CONNECTOR - STANDBY BATTERY DISCONNECT	V00779	(T206) 08450 & ON	01
	S2351-2	. BACKSHELL	V00779		01
	S2353-6	. PIN			AR
K1	X61-0007	RELAY - ALTERNATOR (ZONE 121)	V3RCD2	(T206) 08450 & ON	01
K2	322897	RELAY - ELECTRICAL DISTRIBUTION BOX (ZONE 121)	V00779	(T206) 08450 & ON	01
K3	322897	RELAY - BATTERY ELECTRICAL DISTRIBUTION BOX (ZONE 121)	V00779	(T206) 08450 & ON	01
K4	X61-0007	RELAY - EXTERNAL POWER (ZONE 121)	V3RCD2	(T206) 08450 & ON	01
MN001	9910591-12	ALTERNATOR (ZONE 120)		(T206) 08450 & ON	01
	TC218N1V02	. INSULATOR CAP	VOMAS		01
	TC218N2V02	. INSULATOR CAP	VOMAS		01
	TC220N2V02	. INSULATOR CAP	VOMAS		01
	2-330969-1	. TERMINAL	V00779	(206) 08292 & ON (T206) 08739 & ON	01
	330969	. TERMINAL	V00779	(206) 08292 & ON (T206) 08739 & ON	01
MN002	31B22101	MOTOR - STARTER (ZONE 120)	V65702	(T206) 08450 & ON	01
	A-A59178-3	. NIPPLE			01
	MS25171-3S	. NIPPLE	V96906		01
	S1367-6-13	. TERMINAL			01
P1	S2035-1	CONNECTOR - STALL WARNING HORN DISCONNECT (ZONE 620, 520)		(T206) 08450 & ON	01
	S1635-1	. CONTACT	V49367		AR
P4		CONNECTOR - CURRENT SENSE DISCONNECT (ZONE 121)			RF
PB017	KTKSAD10280X3	CONNECTOR - JUNCTION BOX POWER DISCONNECT (ZONE 121)	V1F242	(T206) 08450 & ON	01
	KTKSAD10FT	. TERMINAL KIT	V1F242		AR
PB018	S2800-274	CONNECTOR - JUNCTION BOX DISCONNECT (ZONE 121)		(T206) 08450 & ON	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

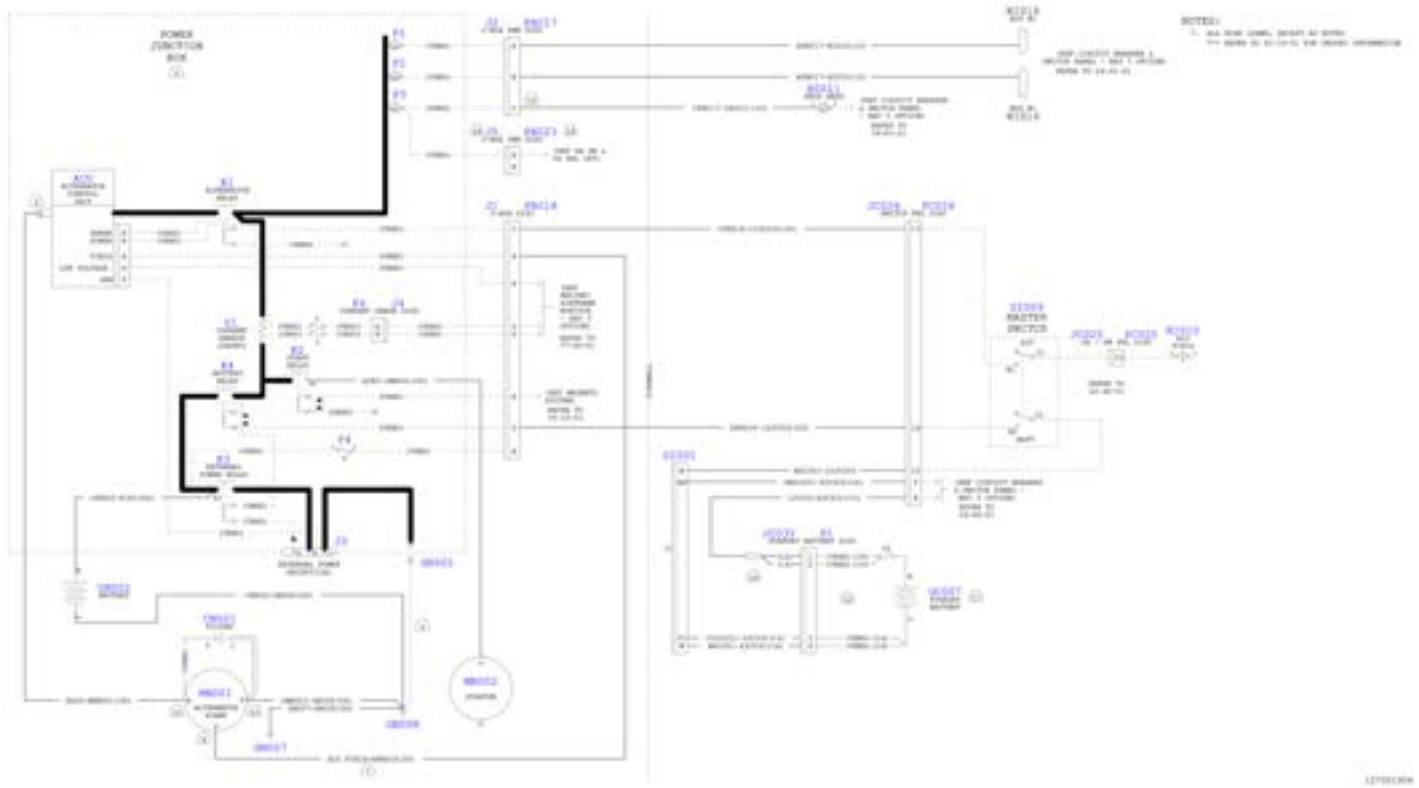
DC GENERATION SYSTEM

AIRPLANES (T206) 08450 & ON WITH NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
PB023	S2800-275	CONNECTOR KIT		(T206) 08450 & ON	01
	12066082	. CAVITY PLUG/SEAL	V53669		01
PC025	S3373-2	CONNECTOR - CIRCUIT BREAKER/SWITCH PANEL DISCONNECT		(T206) 08450 & ON	01
	S2099-13	. CONTACT			06
	S2099-3	. CONTACT			02
	S2099-4	. CONTACT	V00779		05
	S2349-1	. PLUG	V00779		01
PC026	S2349-1	PLUG - SWITCH PANEL DISCONNECT	V00779	(T206) 08450 & ON	01
	S2099-3	. CONTACT			02
	S2099-4	. CONTACT	V00779		09
	S3373-2	. CONTACT			AR
SI009	S3272-1-1	SWITCH - MASTER (ZONE 224)		(T206) 08450 & ON	01
	S1843-1	. MOUNTING BEZEL			01
U1	CS3100	CURRENT SENSOR (ZONE 120)	V3RCD2	(T206) 08450 & ON	01
UC007	S4236-7	BATTERY PACK ASSEMBLY		(T206) 08450 & ON	01
UN002	C614001-0105	BATTERY - 60 AMP (ZONE 122)		(206) 08001 & ON (T206) 08001 & ON	02
	S1367-6-13	. TERMINAL			AR

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 04 : Sheet 01 : DC GENERATION SYSTEM



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

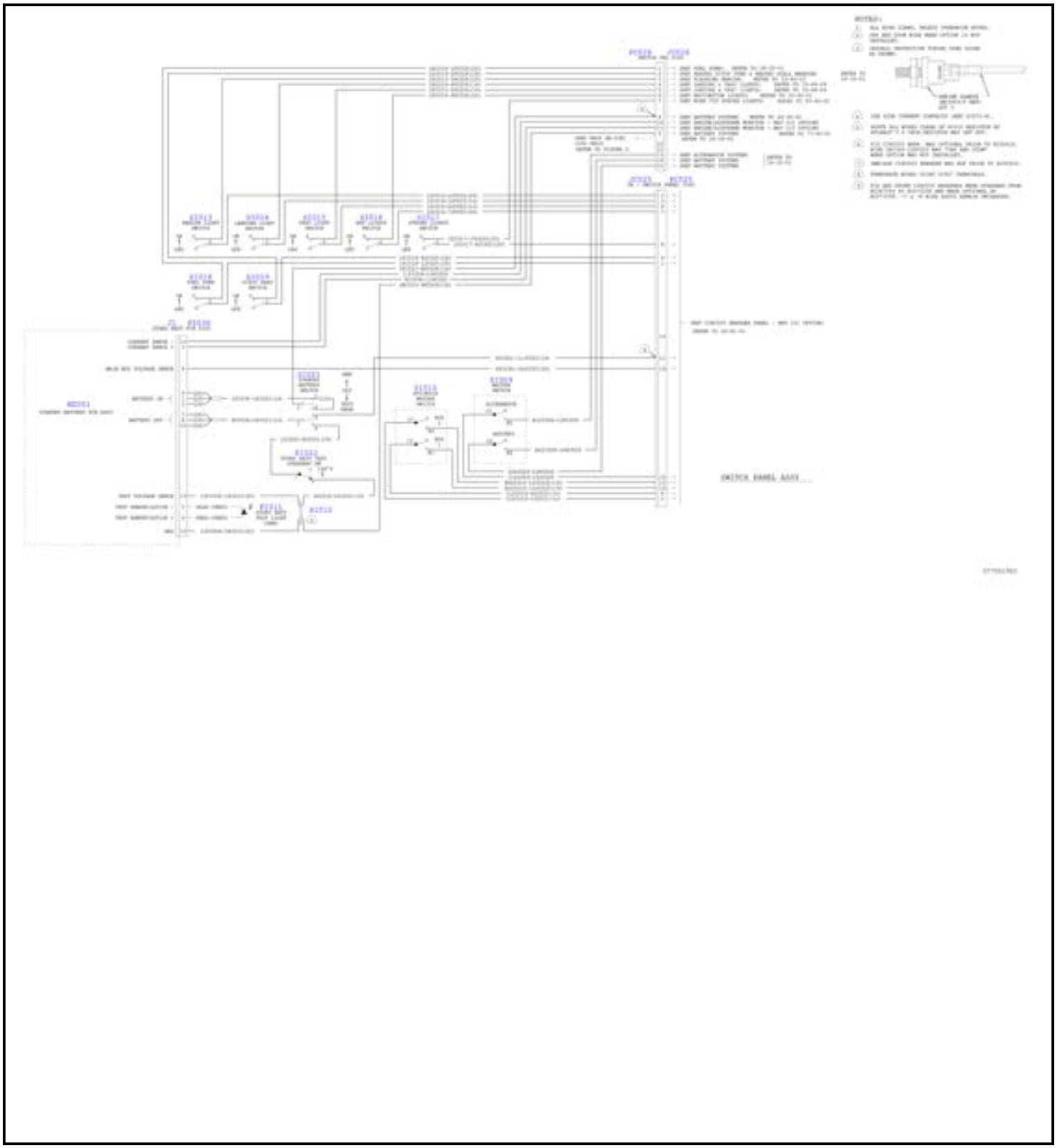
SWITCH PANEL

AIRPLANES (206) 08215 THRU 08257 WITH NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
FI011	S2800-679	LIGHT - STANDBY BATTERY TEST (GREEN)		(206) 08215 - 08257	01
J1	S1640-6	CONNECTOR - JUNCTION BOX DISCONNECT (ZONE 510)		(206) 08215 - 08257	01
	S1635-1	. CONTACT	V49367		AR
JC025	S2350-3	RECEPTACLE - SWITCH PANEL DISCONNECT		(206) 08215 - 08257	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
	S3373-1	. CONTACT			AR
	S2353-6	. PIN			05
JC026	S2350-3	RECEPTACLE - SWITCH PANEL DISCONNECT (ZONE 120)		(206) 08215 - 08257	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
	S2353-6	. CONTACT			AR
	S3373-1	. CONTACT			AR
	S2353-3	. PIN	V00779		AR
NZ001		PRINTED CIRCUIT BOARD - STANDBY BATTERY			RF
PC025	S3373-2	CONNECTOR - CIRCUIT BREAKER/SWITCH PANEL DISCONNECT		(206) 08215 - 08257	01
	S2099-13	. CONTACT			06
	S2099-3	. CONTACT			02
	S2099-4	. CONTACT	V00779		05
	S2349-1	. PLUG	V00779		01
PC026	S2349-1	PLUG - SWITCH PANEL DISCONNECT	V00779	(206) 08215 - 08257	01
	S2099-3	. CONTACT			02
	S2099-4	. CONTACT	V00779		09
	S3373-2	. CONTACT			AR
PI036	RD15F00JVL0	CONNECTOR - STANDBY BATTERY PCB DISCONNECT	V28198	(206) 08215 - 08257	01
	FC6020D	. CONTACT	V28198		01
RI010	S2041-50B12	RESISTOR		(206) 08215 - 08257	01
SI009	S3272-1-1	SWITCH - MASTER (ZONE 224)		(206) 08215 - 08257	01
	S1843-1	. MOUNTING BEZEL			01
SI010	S3443-1-1	SWITCH - AVIONICS MASTER (ZONE 224) * AIRPLANES (206) 08001 & ON INCORPORATING SB11-24-02 * AIRPLANES (T206) 08001 & ON INCORPORATING SB11-24-02		(206) *08001 & ON (T206) *08001 & ON	01
SI013	MS35058-22	SWITCH - BEACON LIGHT	V96906	(206) 08215 - 08257	01
SI014	MS35058-22	SWITCH - LANDING LIGHT	V96906	(206) 08215 - 08257	01
SI015	MS35058-22	SWITCH - TAXI LIGHT SWITCH	V96906	(206) 08215 - 08257	01
SI016	MS35058-22	SWITCH - NAV LIGHTS	V96906	(206) 08215 - 08257	01
SI017	MS35058-22	SWITCH - STROBE LIGHT	V96906	(206) 08215 - 08257	01
SI018	MS35058-22	SWITCH - FUEL PUMP SWITCH	V96906	(206) 08215 - 08257	01
SI019	MS35058-22	SWITCH - PITOT HEAT	V96906	(206) 08215 - 08257	01
SI021	MS35059-31	SWITCH - STANDBY BATTERY	V96906	(206) 08215 - 08257	01
SI022	4344-184-226	SWITCH - STANDBY BATTERY OVERHEAT TEST (ZONE 224)	V82647	(206) 08215 - 08257	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 01 : Sheet 01 : SWITCH PANEL



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

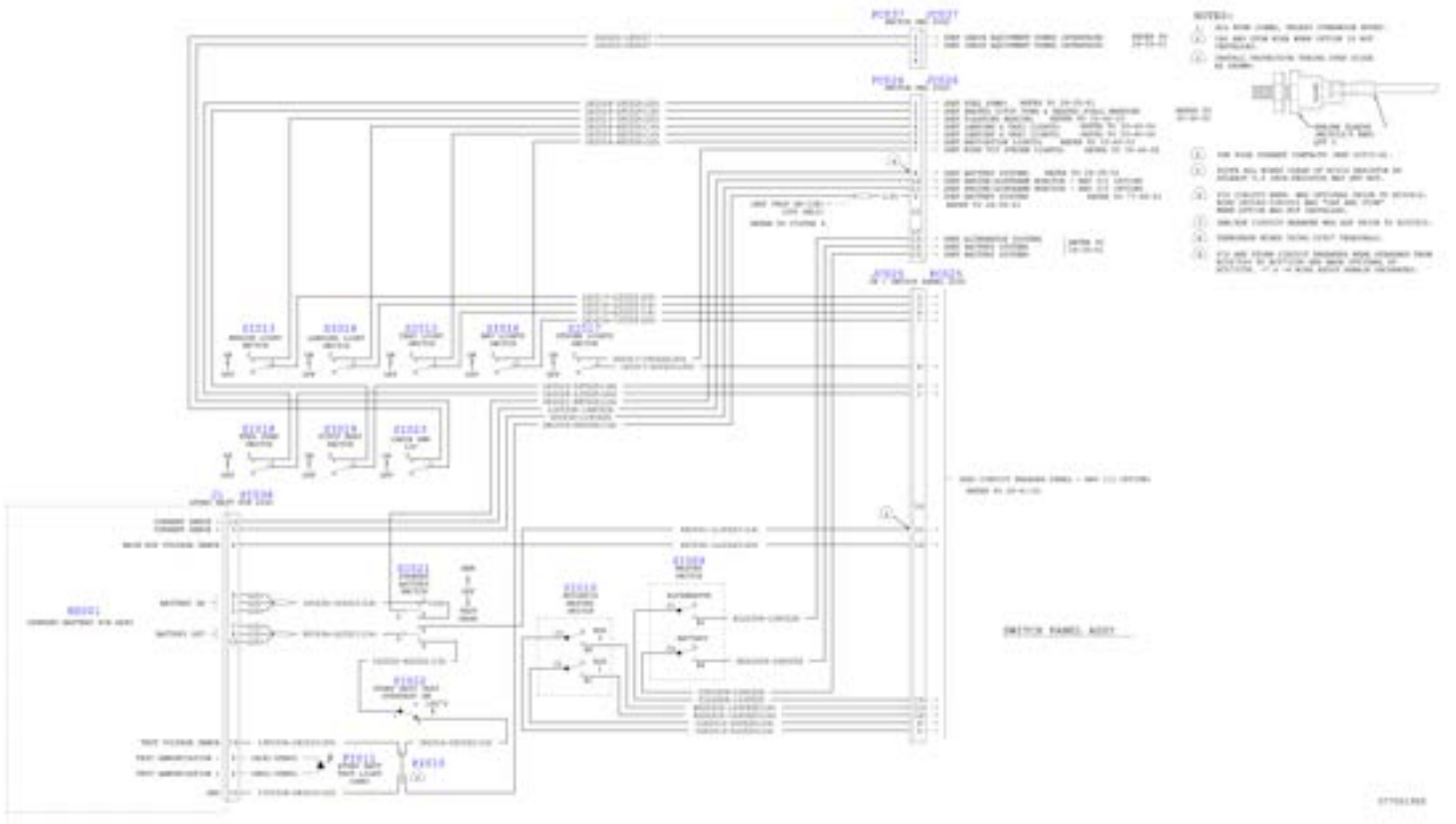
SWITCH PANEL

AIRPLANES (206) 08258 THRU 08326 WITH NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
FI011	S2800-679	LIGHT - STANDBY BATTERY TEST (GREEN)		(206) 08258 - 08326	01
J1	S1640-6	CONNECTOR - JUNCTION BOX DISCONNECT (ZONE 510)		(206) 08258 - 08326	01
	S1635-1	. CONTACT	V49367		AR
JC025	S2350-3	RECEPTACLE - SWITCH PANEL DISCONNECT		(206) 08258 - 08326	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
	S3373-1	. CONTACT			AR
	S2353-6	. PIN			05
JC026	S2350-3	RECEPTACLE - SWITCH PANEL DISCONNECT (ZONE 120)		(206) 08258 - 08326	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
	S2353-6	. CONTACT			AR
	S3373-1	. CONTACT			AR
	S2353-3	. PIN	V00779		AR
JC037	S2350-5	CONNECTOR - SWITCH PANEL DISCONNECT	V00779	(206) 08258 - 08326	01
	S2099-4	. CONTACT	V00779		AR
NZ001		PRINTED CIRCUIT BOARD - STANDBY BATTERY			RF
PC025	S3373-2	CONNECTOR - CIRCUIT BREAKER/SWITCH PANEL DISCONNECT		(206) 08258 - 08326	01
	S2099-13	. CONTACT			06
	S2099-3	. CONTACT			02
	S2099-4	. CONTACT	V00779		05
	S2349-1	. PLUG	V00779		01
PC026	S2349-1	PLUG - SWITCH PANEL DISCONNECT	V00779	(206) 08258 - 08326	01
	S2099-3	. CONTACT			02
	S2099-4	. CONTACT	V00779		09
	S3373-2	. CONTACT			AR
PC037	S2349-2	CONNECTOR - POWER CONVERTER DISCONNECT	V00779	(206) 08258 - 08326	01
	S2099-4	. CONTACT	V00779		AR
PI036	RD15F00JVL0	CONNECTOR - STANDBY BATTERY PCB DISCONNECT	V28198	(206) 08258 - 08326	01
	FC6020D	. CONTACT	V28198		01
RI010	S2041-50B12	RESISTOR		(206) 08258 - 08326	01
SI009	S3272-1-1	SWITCH - MASTER (ZONE 224)		(206) 08258 - 08326	01
	S1843-1	. MOUNTING BEZEL			01
SI010	S3443-1-1	SWITCH - AVIONICS MASTER (ZONE 224) * AIRPLANES (206) 08001 & ON INCORPORATING SB11-24-02 * AIRPLANES (T206) 08001 & ON INCORPORATING SB11-24-02		(206) *08001 & ON (T206) *08001 & ON	01
SI013	MS35058-22	SWITCH - BEACON LIGHT	V96906	(206) 08258 - 08326	01
SI014	MS35058-22	SWITCH - LANDING LIGHT	V96906	(206) 08258 - 08326	01
SI015	MS35058-22	SWITCH - TAXI LIGHT SWITCH	V96906	(206) 08258 - 08326	01
SI016	MS35058-22	SWITCH - NAV LIGHTS	V96906	(206) 08258 - 08326	01
SI017	MS35058-22	SWITCH - STROBE LIGHT	V96906	(206) 08258 - 08326	01
SI018	MS35058-22	SWITCH - FUEL PUMP SWITCH	V96906	(206) 08258 - 08326	01
SI019	MS35058-22	SWITCH - PITOT HEAT	V96906	(206) 08258 - 08326	01
SI021	MS35059-31	SWITCH - STANDBY BATTERY	V96906	(206) 08258 - 08326	01
SI022	4344-184-226	SWITCH - STANDBY BATTERY OVERHEAT TEST (ZONE 224)	V82647	(206) 08258 - 08326	01
SI023	MS35058-22	SWITCH - CABIN POWER	V96906	(206) 08258 - 08326	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 02 : Sheet 01 : SWITCH PANEL



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

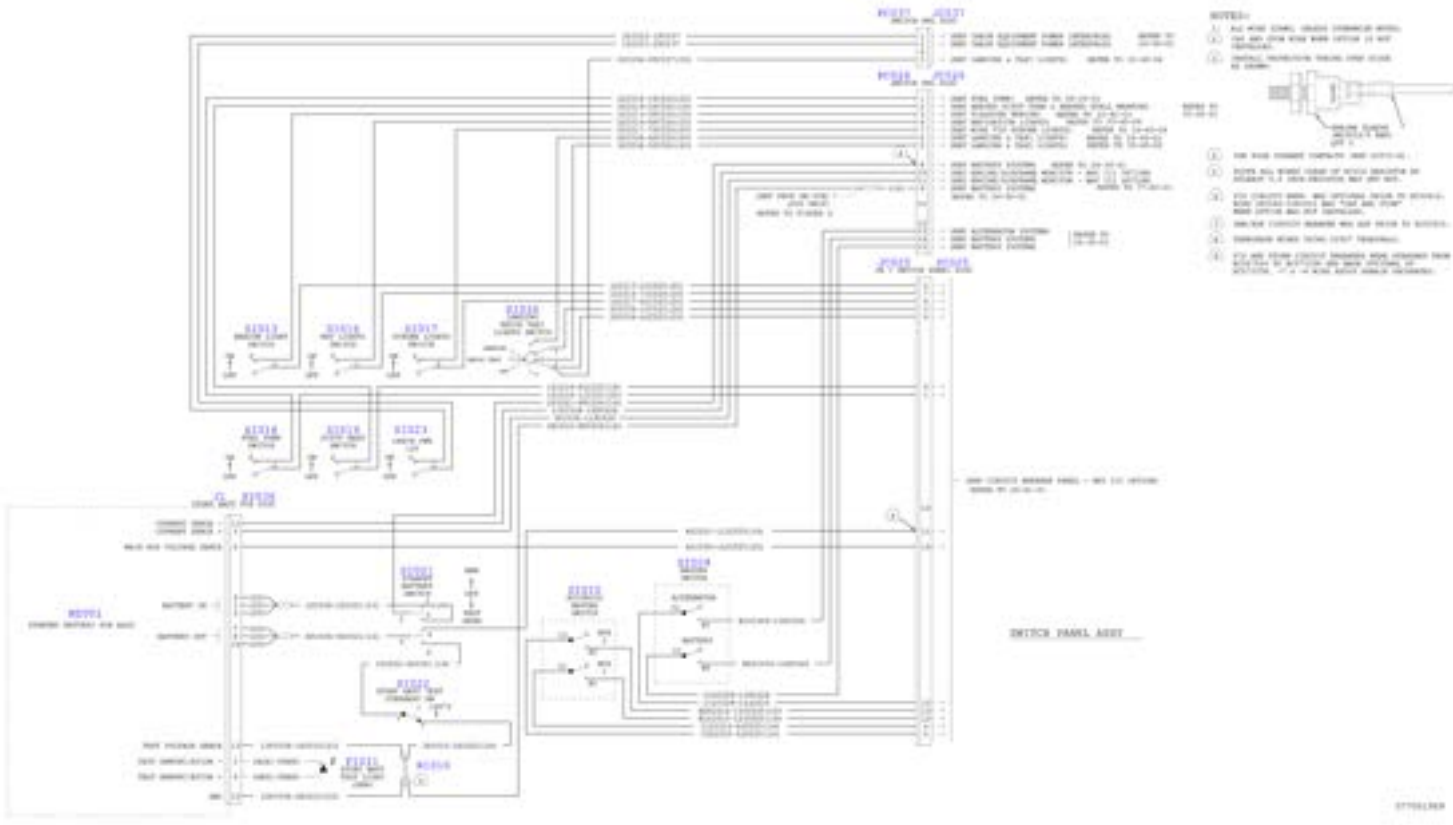
SWITCH PANEL

AIRPLANES (206) 08327 & ON WITH NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
FI011	S2800-679	LIGHT - STANDBY BATTERY TEST (GREEN)		(206) 08327 & ON	01
J1	S1640-6	CONNECTOR - JUNCTION BOX DISCONNECT (ZONE 510)		(206) 08327 & ON	01
	S1635-1	. CONTACT	V49367		AR
JC025	S2350-3	RECEPTACLE - SWITCH PANEL DISCONNECT		(206) 08327 & ON	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
	S3373-1	. CONTACT			AR
	S2353-6	. PIN			05
JC026	S2350-3	RECEPTACLE - SWITCH PANEL DISCONNECT (ZONE 120)		(206) 08327 & ON	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
	S2353-6	. CONTACT			AR
	S3373-1	. CONTACT			AR
	S2353-3	. PIN	V00779		AR
JC037	S2350-5	CONNECTOR - SWITCH PANEL DISCONNECT	V00779	(206) 08327 & ON	01
	S2099-4	. CONTACT	V00779		AR
NZ001		PRINTED CIRCUIT BOARD - STANDBY BATTERY			RF
PC025	S3373-2	CONNECTOR - CIRCUIT BREAKER/SWITCH PANEL DISCONNECT		(206) 08327 & ON	01
	S2099-13	. CONTACT			06
	S2099-3	. CONTACT			02
	S2099-4	. CONTACT	V00779		05
	S2349-1	. PLUG	V00779		01
PC026	S2349-1	PLUG - SWITCH PANEL DISCONNECT	V00779	(206) 08327 & ON	01
	S2099-3	. CONTACT			02
	S2099-4	. CONTACT	V00779		09
	S3373-2	. CONTACT			AR
PC037	S2349-2	CONNECTOR - POWER CONVERTER DISCONNECT	V00779	(206) 08327 & ON	01
	S2099-4	. CONTACT	V00779		AR
PI036	RD15F00JVL0	CONNECTOR - STANDBY BATTERY PCB DISCONNECT	V28198	(206) 08327 & ON	01
	FC6020D	. CONTACT	V28198		01
RI010	S2041-50B12	RESISTOR		(206) 08327 & ON	01
SI009	S3272-1-1	SWITCH - MASTER (ZONE 224)		(206) 08327 & ON	01
	S1843-1	. MOUNTING BEZEL			01
SI010	S3443-1-1	SWITCH - AVIONICS MASTER (ZONE 224) * AIRPLANES (206) 08001 & ON INCORPORATING SB11-24-02 * AIRPLANES (T206) 08001 & ON INCORPORATING SB11-24-02		(206) *08001 & ON (T206) *08001 & ON	01
SI013	MS35058-22	SWITCH - BEACON LIGHT	V96906	(206) 08327 & ON	01
SI016	MS35058-22	SWITCH - NAV LIGHTS	V96906	(206) 08327 & ON	01
SI017	MS35058-22	SWITCH - STROBE LIGHT	V96906	(206) 08327 & ON	01
SI018	MS35058-22	SWITCH - FUEL PUMP SWITCH	V96906	(206) 08327 & ON	01
SI019	MS35058-22	SWITCH - PITOT HEAT	V96906	(206) 08327 & ON	01
SI021	MS35059-31	SWITCH - STANDBY BATTERY	V96906	(206) 08327 & ON	01
SI022	4344-184-226	SWITCH - STANDBY BATTERY OVERHEAT TEST (ZONE 224)	V82647	(206) 08327 & ON	01
SI023	MS35058-22	SWITCH - CABIN POWER	V96906	(206) 08327 & ON	01
SI034		SWITCH			RF

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 03 : Sheet 01 : SWITCH PANEL



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

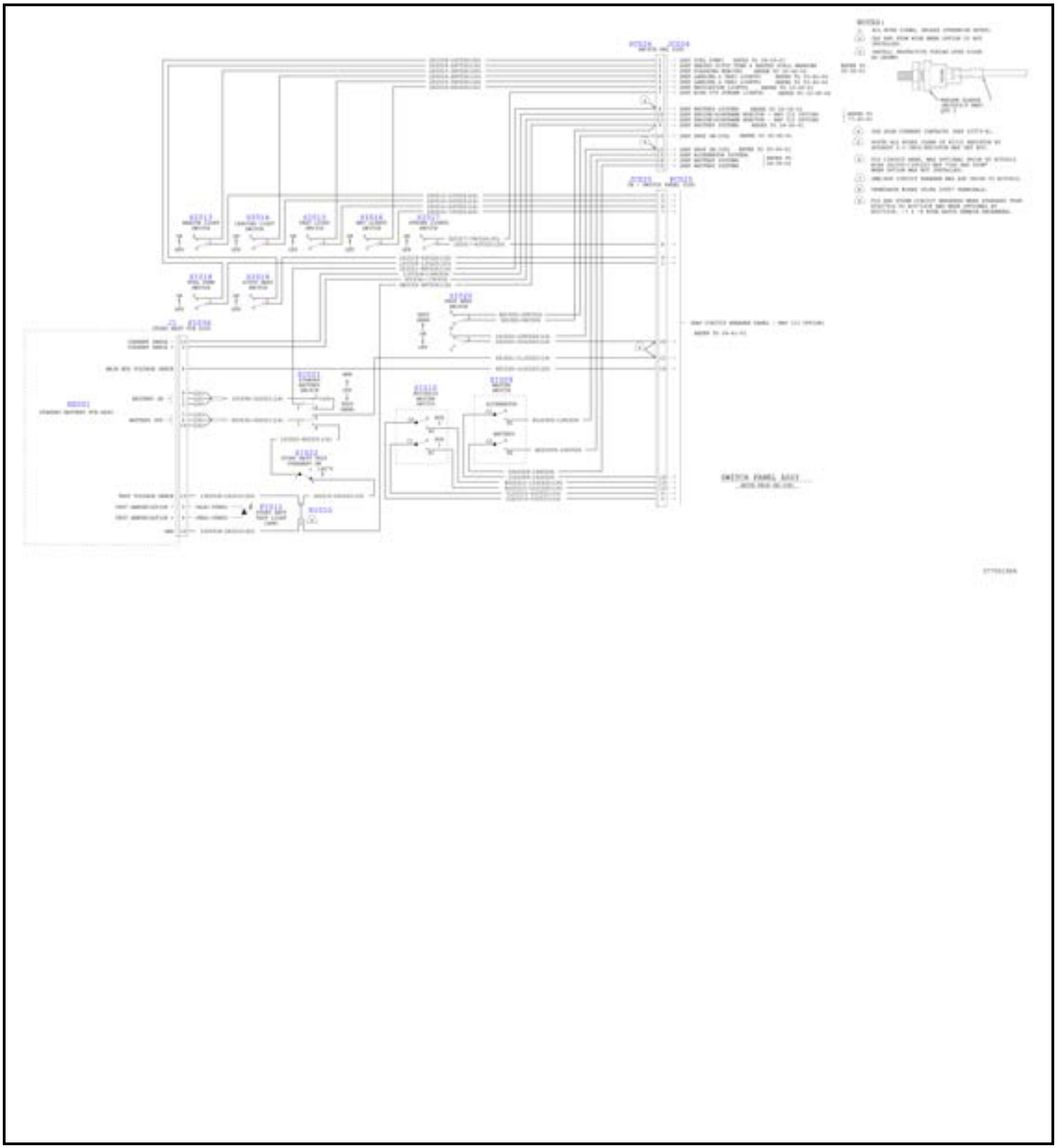
SWITCH PANEL

AIRPLANES (T206) 08450 THRU 08585 WITH NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
FI011	S2800-679	LIGHT - STANDBY BATTERY TEST (GREEN)		(T206) 08450 - 08585	01
J1	S1640-6	CONNECTOR - JUNCTION BOX DISCONNECT (ZONE 510)		(T206) 08450 - 08585	01
	S1635-1	. CONTACT	V49367		AR
JC025	S2350-3	RECEPTACLE - SWITCH PANEL DISCONNECT		(T206) 08450 - 08585	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
	S3373-1	. CONTACT			AR
	S2353-6	. PIN			05
JC026	S2350-3	RECEPTACLE - SWITCH PANEL DISCONNECT (ZONE 120)		(T206) 08450 - 08585	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
	S2353-6	. CONTACT			AR
	S3373-1	. CONTACT			AR
	S2353-3	. PIN	V00779		AR
NZ001		PRINTED CIRCUIT BOARD - STANDBY BATTERY			RF
PC025	S3373-2	CONNECTOR - CIRCUIT BREAKER/SWITCH PANEL DISCONNECT		(T206) 08450 - 08585	01
	S2099-13	. CONTACT			06
	S2099-3	. CONTACT			02
	S2099-4	. CONTACT	V00779		05
	S2349-1	. PLUG	V00779		01
PC026	S2349-1	PLUG - SWITCH PANEL DISCONNECT	V00779	(T206) 08450 - 08585	01
	S2099-3	. CONTACT			02
	S2099-4	. CONTACT	V00779		09
	S3373-2	. CONTACT			AR
PI036	RD15F00JVL0	CONNECTOR - STANDBY BATTERY PCB DISCONNECT	V28198	(T206) 08450 - 08585	01
	FC6020D	. CONTACT	V28198		01
RI010	S2041-50B12	RESISTOR		(T206) 08450 - 08585	01
SI009	S3272-1-1	SWITCH - MASTER (ZONE 224)		(T206) 08450 - 08585	01
	S1843-1	. MOUNTING BEZEL			01
SI010	S3443-1-1	SWITCH - AVIONICS MASTER (ZONE 224) * AIRPLANES (206) 08001 & ON INCORPORATING SB11-24-02 * AIRPLANES (T206) 08001 & ON INCORPORATING SB11-24-02		(206) *08001 & ON (T206) *08001 & ON	01
SI013	MS35058-22	SWITCH - BEACON LIGHT	V96906	(T206) 08450 - 08585	01
SI014	MS35058-22	SWITCH - LANDING LIGHT	V96906	(T206) 08450 - 08585	01
SI015	MS35058-22	SWITCH - TAXI LIGHT SWITCH	V96906	(T206) 08450 - 08585	01
SI016	MS35058-22	SWITCH - NAV LIGHTS	V96906	(T206) 08450 - 08585	01
SI017	MS35058-22	SWITCH - STROBE LIGHT	V96906	(T206) 08450 - 08585	01
SI018	MS35058-22	SWITCH - FUEL PUMP SWITCH	V96906	(T206) 08450 - 08585	01
SI019	MS35058-22	SWITCH - PITOT HEAT	V96906	(T206) 08450 - 08585	01
SI020	MS25201-5	SWITCH - PROPELLER HEAT		(206) 08215 & ON (T206) 08450 & ON	01
SI021	MS35059-31	SWITCH - STANDBY BATTERY	V96906	(T206) 08450 - 08585	01
SI022	4344-184-226	SWITCH - STANDBY BATTERY OVERHEAT TEST (ZONE 224)	V82647	(T206) 08450 - 08585	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 04 : Sheet 01 : SWITCH PANEL



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

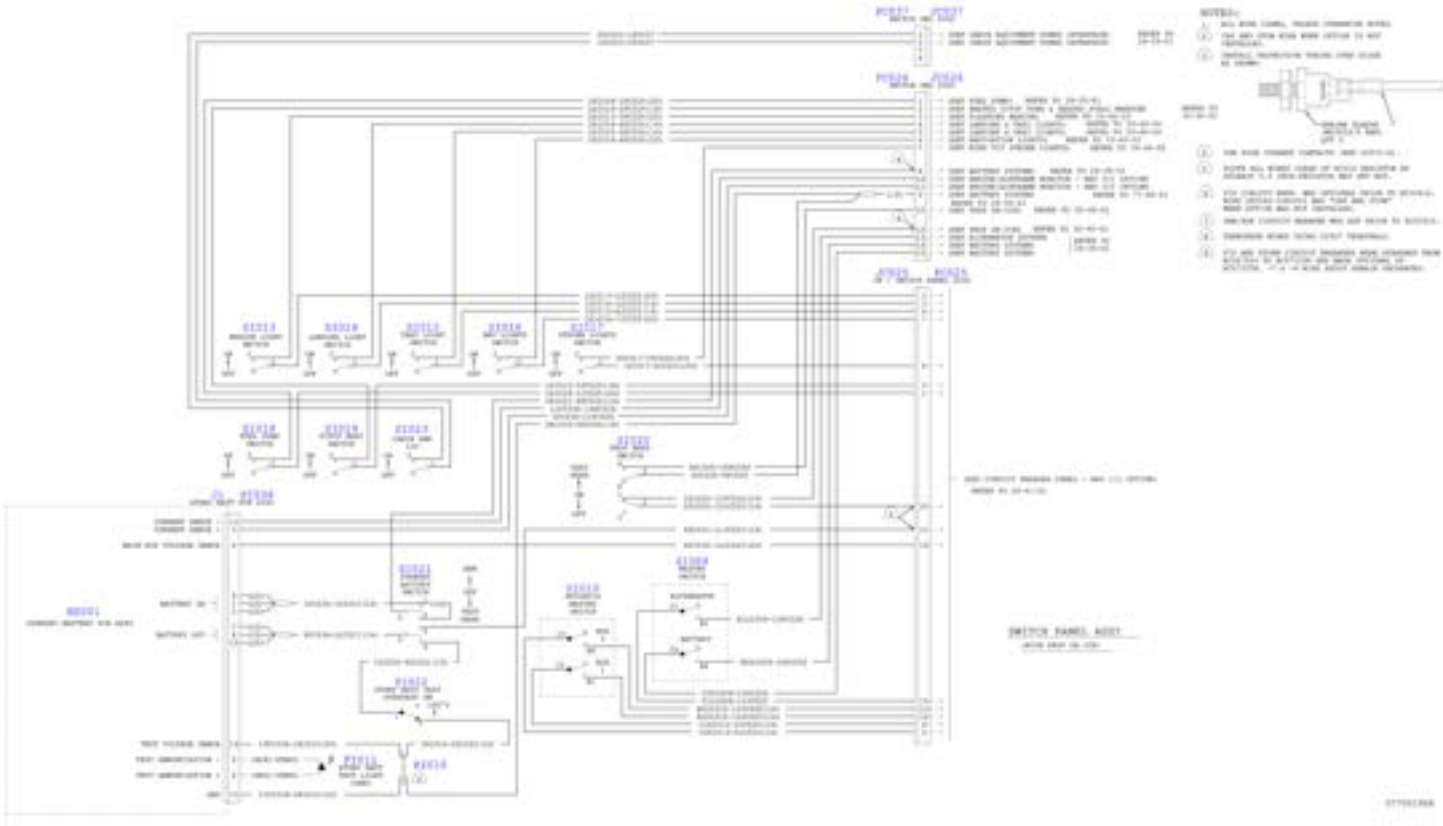
SWITCH PANEL

AIRPLANES (T206) 08586 THRU 09000 WITH NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
FI011	S2800-679	LIGHT - STANDBY BATTERY TEST (GREEN)		(T206) 08586 - 09000	01
J1	S1640-6	CONNECTOR - JUNCTION BOX DISCONNECT (ZONE 510)		(T206) 08586 - 09000	01
	S1635-1	. CONTACT	V49367		AR
JC025	S2350-3	RECEPTACLE - SWITCH PANEL DISCONNECT		(T206) 08586 - 09000	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
	S3373-1	. CONTACT			AR
	S2353-6	. PIN			05
JC026	S2350-3	RECEPTACLE - SWITCH PANEL DISCONNECT (ZONE 120)		(T206) 08586 - 09000	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
	S2353-6	. CONTACT			AR
	S3373-1	. CONTACT			AR
	S2353-3	. PIN	V00779		AR
JC037	S2350-5	CONNECTOR - SWITCH PANEL DISCONNECT	V00779	(T206) 08586 - 09000	01
	S2099-4	. CONTACT	V00779		AR
NZ001		PRINTED CIRCUIT BOARD - STANDBY BATTERY			RF
PC025	S3373-2	CONNECTOR - CIRCUIT BREAKER/SWITCH PANEL DISCONNECT		(T206) 08586 - 09000	01
	S2099-13	. CONTACT			06
	S2099-3	. CONTACT			02
	S2099-4	. CONTACT	V00779		05
	S2349-1	. PLUG	V00779		01
PC026	S2349-1	PLUG - SWITCH PANEL DISCONNECT	V00779	(T206) 08586 - 09000	01
	S2099-3	. CONTACT			02
	S2099-4	. CONTACT	V00779		09
	S3373-2	. CONTACT			AR
PC037	S2349-2	CONNECTOR - POWER CONVERTER DISCONNECT	V00779	(T206) 08586 - 09000	01
	S2099-4	. CONTACT	V00779		AR
PI036	RD15F00JVL0	CONNECTOR - STANDBY BATTERY PCB DISCONNECT	V28198	(T206) 08586 - 09000	01
	FC6020D	. CONTACT	V28198		01
RI010	S2041-50B12	RESISTOR		(T206) 08586 - 09000	01
SI009	S3272-1-1	SWITCH - MASTER (ZONE 224)		(T206) 08586 - 09000	01
	S1843-1	. MOUNTING BEZEL			01
SI010	S3443-1-1	SWITCH - AVIONICS MASTER (ZONE 224) * AIRPLANES (206) 08001 & ON INCORPORATING SB11-24-02 * AIRPLANES (T206) 08001 & ON INCORPORATING SB11-24-02		(206) *08001 & ON (T206) *08001 & ON	01
SI013	MS35058-22	SWITCH - BEACON LIGHT	V96906	(T206) 08586 - 09000	01
SI014	MS35058-22	SWITCH - LANDING LIGHT	V96906	(T206) 08586 - 09000	01
SI015	MS35058-22	SWITCH - TAXI LIGHT SWITCH	V96906	(T206) 08586 - 09000	01
SI016	MS35058-22	SWITCH - NAV LIGHTS	V96906	(T206) 08586 - 09000	01
SI017	MS35058-22	SWITCH - STROBE LIGHT	V96906	(T206) 08586 - 09000	01
SI018	MS35058-22	SWITCH - FUEL PUMP SWITCH	V96906	(T206) 08586 - 09000	01
SI019	MS35058-22	SWITCH - PITOT HEAT	V96906	(T206) 08586 - 09000	01
SI020	MS25201-5	SWITCH - PROPELLER HEAT		(206) 08215 & ON (T206) 08450 & ON	01
SI021	MS35059-31	SWITCH - STANDBY BATTERY	V96906	(T206) 08586 - 09000	01
SI022	4344-184-226	SWITCH - STANDBY BATTERY OVERHEAT TEST (ZONE 224)	V82647	(T206) 08586 - 09000	01
SI023	MS35058-22	SWITCH - CABIN POWER	V96906	(T206) 08586 - 09000	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 05 : Sheet 01 : SWITCH PANEL



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

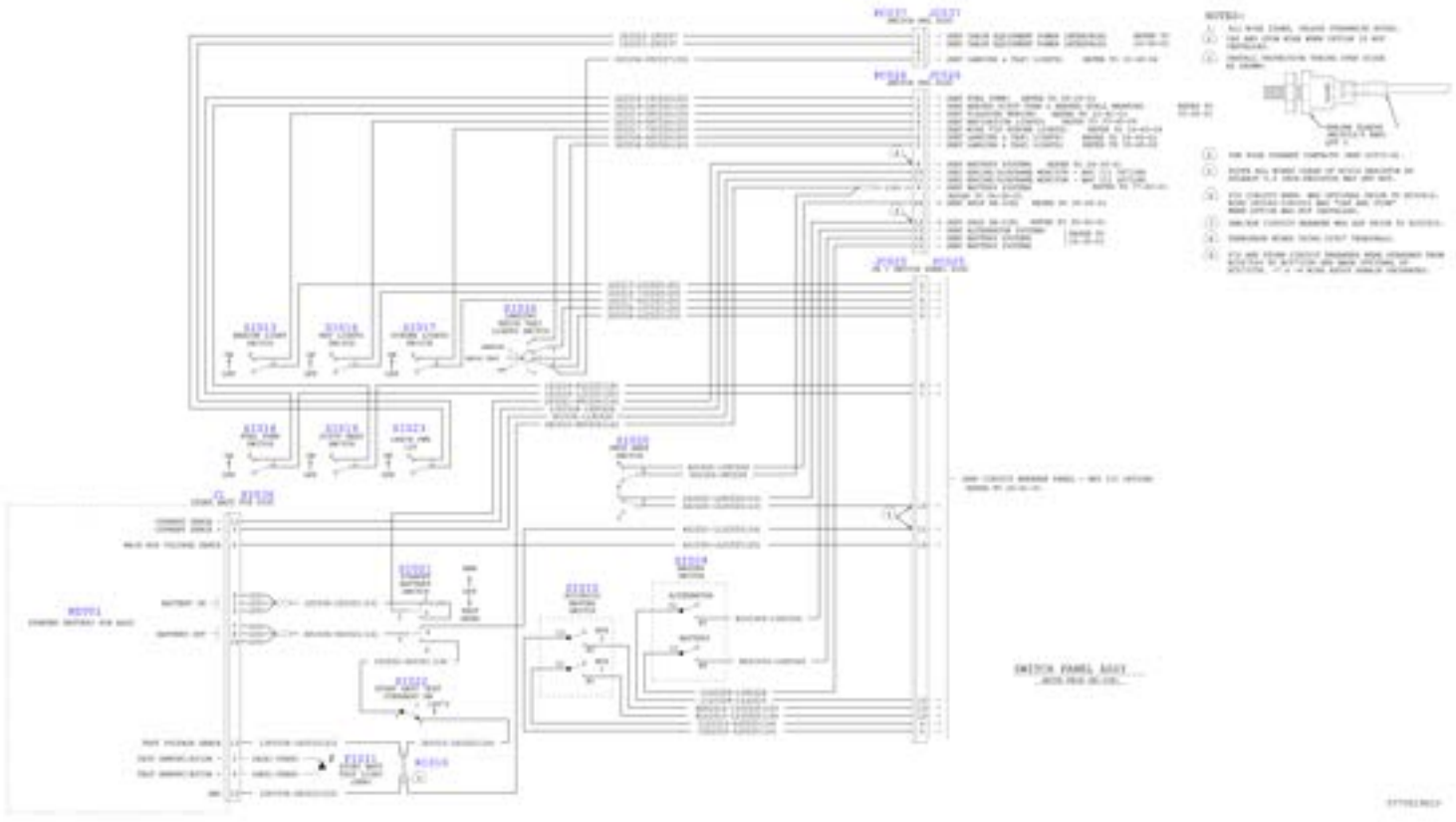
SWITCH PANEL

AIRPLANES (T206) 09001 THRU 09741 AND 09743 THRU 09756

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
FI011	S2800-679	LIGHT - STANDBY BATTERY TEST (GREEN)		(T206) 09001 - 09741 (T206) 09743 - 09756	01
J1	S1640-6	CONNECTOR - JUNCTION BOX DISCONNECT (ZONE 510)		(T206) 09001 - 09741 (T206) 09743 - 09756	01
	S1635-1	. CONTACT	V49367		AR
JC025	S2350-3	RECEPTACLE - SWITCH PANEL DISCONNECT		(T206) 09001 - 09741 (T206) 09743 - 09756	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
	S3373-1	. CONTACT			AR
	S2353-6	. PIN			05
JC026	S2350-3	RECEPTACLE - SWITCH PANEL DISCONNECT (ZONE 120)		(T206) 09001 - 09741 (T206) 09743 - 09756	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
	S2353-6	. CONTACT			AR
	S3373-1	. CONTACT			AR
	S2353-3	. PIN	V00779		AR
JC037	S2350-5	CONNECTOR - SWITCH PANEL DISCONNECT	V00779	(T206) 09001 - 09741 (T206) 09743 - 09756	01
	S2099-4	. CONTACT	V00779		AR
NZ001		PRINTED CIRCUIT BOARD - STANDBY BATTERY			RF
PC025	S3373-2	CONNECTOR - CIRCUIT BREAKER/SWITCH PANEL DISCONNECT		(T206) 09001 - 09741 (T206) 09743 - 09756	01
	S2099-13	. CONTACT			06
	S2099-3	. CONTACT			02
	S2099-4	. CONTACT	V00779		05
	S2349-1	. PLUG	V00779		01
PC026	S2349-1	PLUG - SWITCH PANEL DISCONNECT	V00779	(T206) 09001 - 09741 (T206) 09743 - 09756	01
	S2099-3	. CONTACT			02
	S2099-4	. CONTACT	V00779		09
	S3373-2	. CONTACT			AR
PC037	S2349-2	CONNECTOR - POWER CONVERTER DISCONNECT	V00779	(T206) 09001 - 09741 (T206) 09743 - 09756	01
	S2099-4	. CONTACT	V00779		AR
PI036	RD15F00JVL0	CONNECTOR - STANDBY BATTERY PCB DISCONNECT	V28198	(T206) 09001 - 09741 (T206) 09743 - 09756	01
	FC6020D	. CONTACT	V28198		01
RI010	S2041-50B12	RESISTOR		(T206) 09001 - 09741 (T206) 09743 - 09756	01
SI009	S3272-1-1	SWITCH - MASTER (ZONE 224)		(T206) 09001 - 09741 (T206) 09743 - 09756	01
	S1843-1	. MOUNTING BEZEL			01
SI010	S3443-1-1	SWITCH - AVIONICS MASTER (ZONE 224) * AIRPLANES (206) 08001 & ON INCORPORATING SB11-24-02 * AIRPLANES (T206) 08001 & ON INCORPORATING SB11-24-02		(206) *08001 & ON (T206) *08001 & ON	01
SI013	MS35058-22	SWITCH - BEACON LIGHT	V96906	(T206) 09001 - 09741 (T206) 09743 - 09756	01
SI016	MS35058-22	SWITCH - NAV LIGHTS	V96906	(T206) 09001 - 09741 (T206) 09743 - 09756	01
SI017	MS35058-22	SWITCH - STROBE LIGHT	V96906	(T206) 09001 - 09741 (T206) 09743 - 09756	01
SI018	MS35058-22	SWITCH - FUEL PUMP SWITCH	V96906	(T206) 09001 - 09741 (T206) 09743 - 09756	01
SI019	MS35058-22	SWITCH - PITOT HEAT	V96906	(T206) 09001 - 09741 (T206) 09743 - 09756	01
SI020	MS25201-5	SWITCH - PROPELLER HEAT		(206) 08215 & ON (T206) 08450 & ON	01
SI021	MS35059-31	SWITCH - STANDBY BATTERY	V96906	(T206) 09001 - 09741 (T206) 09743 - 09756	01
SI022	4344-184-226	SWITCH - STANDBY BATTERY OVERHEAT TEST (ZONE 224)	V82647	(T206) 09001 - 09741 (T206) 09743 - 09756	01
SI023	MS35058-22	SWITCH - CABIN POWER	V96906	(T206) 09001 - 09741 (T206) 09743 - 09756	01
SI034	MS27407-1	SWITCH - LANDING RECOGNITION TAXI LIGHTS	V96906	(206) 08327 & ON (T206) 09001 & ON	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 06 : Sheet 01 : SWITCH PANEL



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

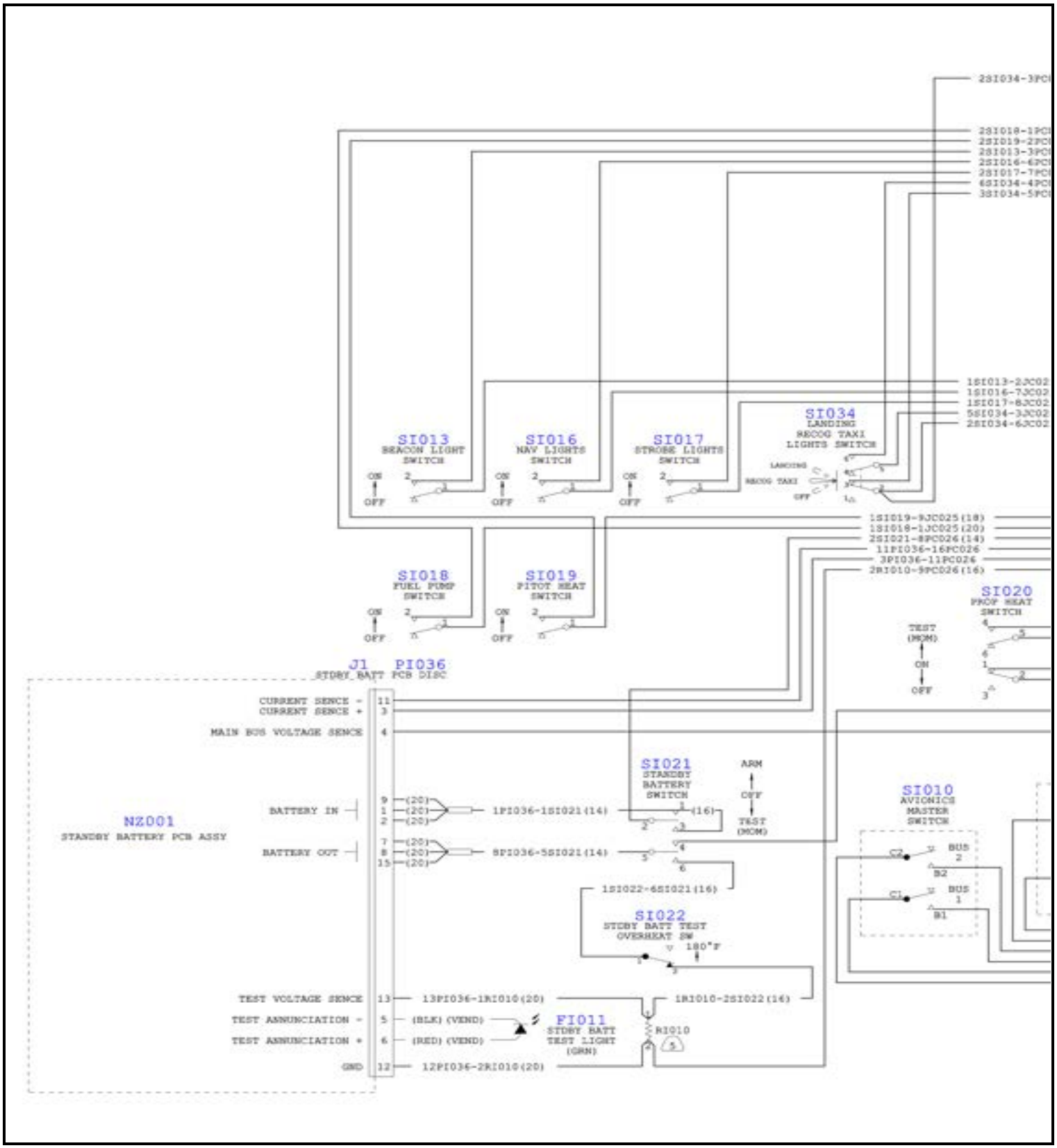
SWITCH PANEL - WITH NAV III

AIRPLANES (T206) 09742 AND 09757 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
FI011	S2800-679	LIGHT - STANDBY BATTERY TEST (GREEN)		(T206) 09742 - 09742 (T206) 09757 & ON	01
J1	S1640-6	CONNECTOR - JUNCTION BOX DISCONNECT (ZONE 510)		(T206) 09742 - 09742 (T206) 09757 & ON	01
	S1635-1	. CONTACT	V49367		AR
JC025	S2350-3	RECEPTACLE - SWITCH PANEL DISCONNECT		(T206) 09742 - 09742 (T206) 09757 & ON	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
	S3373-1	. CONTACT			AR
	S2353-6	. PIN			05
JC026	S2350-3	RECEPTACLE - SWITCH PANEL DISCONNECT (ZONE 120)		(T206) 09742 - 09742 (T206) 09757 & ON	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
	S2353-6	. CONTACT			AR
	S3373-1	. CONTACT			AR
	S2353-3	. PIN	V00779		AR
JC037	S2350-5	CONNECTOR - SWITCH PANEL DISCONNECT	V00779	(T206) 09742 - 09742 (T206) 09757 & ON	01
	S2099-4	. CONTACT	V00779		AR
NZ001		PRINTED CIRCUIT BOARD - STANDBY BATTERY			RF
PC025	S3373-2	CONNECTOR - CIRCUIT BREAKER/SWITCH PANEL DISCONNECT		(T206) 09742 - 09742 (T206) 09757 & ON	01
	S2099-13	. CONTACT			06
	S2099-3	. CONTACT			02
	S2099-4	. CONTACT	V00779		05
	S2349-1	. PLUG	V00779		01
PC026	S2349-1	PLUG - SWITCH PANEL DISCONNECT	V00779	(T206) 09742 - 09742 (T206) 09757 & ON	01
	S2099-3	. CONTACT			02
	S2099-4	. CONTACT	V00779		09
	S3373-2	. CONTACT			AR
PC037	S2349-2	CONNECTOR - POWER CONVERTER DISCONNECT	V00779	(T206) 09742 - 09742 (T206) 09757 & ON	01
	S2099-4	. CONTACT	V00779		AR
PI036	RD15F00JVL0	CONNECTOR - STANDBY BATTERY PCB DISCONNECT	V28198	(T206) 09742 - 09742 (T206) 09757 & ON	01
	FC6020D	. CONTACT	V28198		01
SI009	S3272-1-1	SWITCH - MASTER (ZONE 224)		(T206) 09742 - 09742 (T206) 09757 & ON	01
	S1843-1	. MOUNTING BEZEL			01
SI010	S3443-1-1	SWITCH - AVIONICS MASTER (ZONE 224) * AIRPLANES (206) 08001 & ON INCORPORATING SB11-24-02 * AIRPLANES (T206) 08001 & ON INCORPORATING SB11-24-02		(206) *08001 & ON (T206) *08001 & ON	01
SI013	MS35058-22	SWITCH - BEACON LIGHT	V96906	(T206) 09742 - 09742 (T206) 09757 & ON	01
SI016	MS35058-22	SWITCH - NAV LIGHTS	V96906	(T206) 09742 - 09742 (T206) 09757 & ON	01
SI017	MS35058-22	SWITCH - STROBE LIGHT	V96906	(T206) 09742 - 09742 (T206) 09757 & ON	01
SI018	MS35058-22	SWITCH - FUEL PUMP SWITCH	V96906	(T206) 09742 - 09742 (T206) 09757 & ON	01
SI019	MS35058-22	SWITCH - PITOT HEAT	V96906	(T206) 09742 - 09742 (T206) 09757 & ON	01
SI020	MS25201-5	SWITCH - PROPELLER HEAT		(206) 08215 & ON (T206) 08450 & ON	01
SI021	MS35059-31	SWITCH - STANDBY BATTERY	V96906	(T206) 09742 - 09742 (T206) 09757 & ON	01
SI022	4344-184-226	SWITCH - STANDBY BATTERY OVERHEAT TEST (ZONE 224)	V82647	(T206) 09742 - 09742 (T206) 09757 & ON	01
SI034	MS27407-1	SWITCH - LANDING RECOGNITION TAXI LIGHTS	V96906	(206) 08327 & ON (T206) 09001 & ON	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 07 : Sheet 01 : SWITCH PANEL - WITH NAV III



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

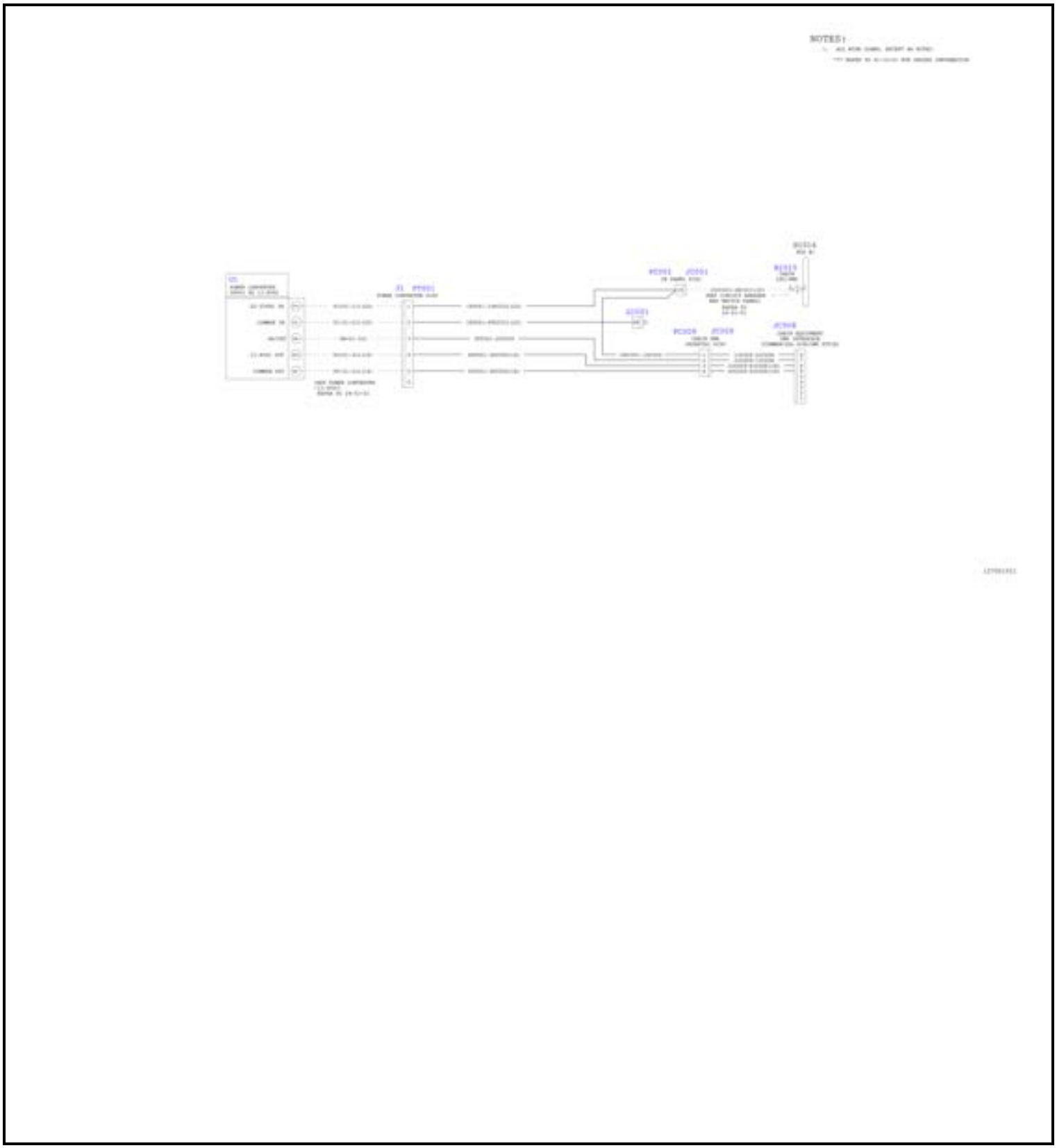
CABIN EQUIPMENT POWER INTERFACE

AIRPLANES (206) 08139 THRU 08189 AND AIRPLANES (T206) 08260 THRU 08387

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GI001	S2527-1	GROUND STUD FOR SPARES ORDER (MUST REPLACE WITH): S2099-2		(206) 08139 - 08189 (T206) 08260 - 08387	01
	S2099-2	CONTACT		(206) 08139 - 08189 (T206) 08260 - 08387	AR
	200838-2	. BLOCK	V00779		AR
	S2527-3	. CLAMP			AR
	S2099-13	. CONTACT			AR
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		02
	201846-1	. JACKSCREW	V00779		AR
	203618-1	. JACKSCREW	V00779		02
HI015	S1360-5L	CIRCUIT BREAKER - CABIN LIGHTS/POWER (ZONE 224)		(206) 08139 - 08189 (T206) 08260 - 08387	01
J1	S1640-6	CONNECTOR - POWER CONVERTER DISCONNECT (ZONE 610)		(206) 08139 - 08189 (T206) 08260 - 08387	01
	S1635-1	. CONTACT	V49367		05
JC001	S2349-5	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08139 - 08189 (T206) 08260 - 08387	01
	S1636-2	. CONTACT			AR
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
JC008	D02EEBFRTAH-0022	CONNECTOR - CABIN EQUIPMENT POWER INTERFACE	V50541	(206) 08139 - 08189 (T206) 08260 - 08387	01
JC009	S1638-4	CONNECTOR - CABIN POWER PEDESTAL DISCONNECT		(206) 08139 - 08189 (T206) 08260 - 08387	01
	S1635-1	. CONTACT	V49367		AR
PC001	S2350-10	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08139 - 08189 (T206) 08260 - 08387	01
	S2350-4	. CONTACT	V00779		01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PC009	S1638-6	CONNECTOR - CIRUCIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08139 - 08189 (T206) 08260 - 08387	01
	S1636-1	. CONTACT			04
PT001	S1641-6	CONNECTOR - POWER CONVERTER DISCONNECT (ZONE 224)		(206) 08139 - 08189 (T206) 08260 - 08387	01
	1636-1	. CONTACT			AR
	1636-2	. CONTACT			AR
U1	N2412-12	POWER CONVERTER - DC-DC (ZONE 120)	V0GXD3	(206) 08139 & ON (T206) 08260 & ON	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 01 : Sheet 01 : CABIN EQUIPMENT POWER INTERFACE



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

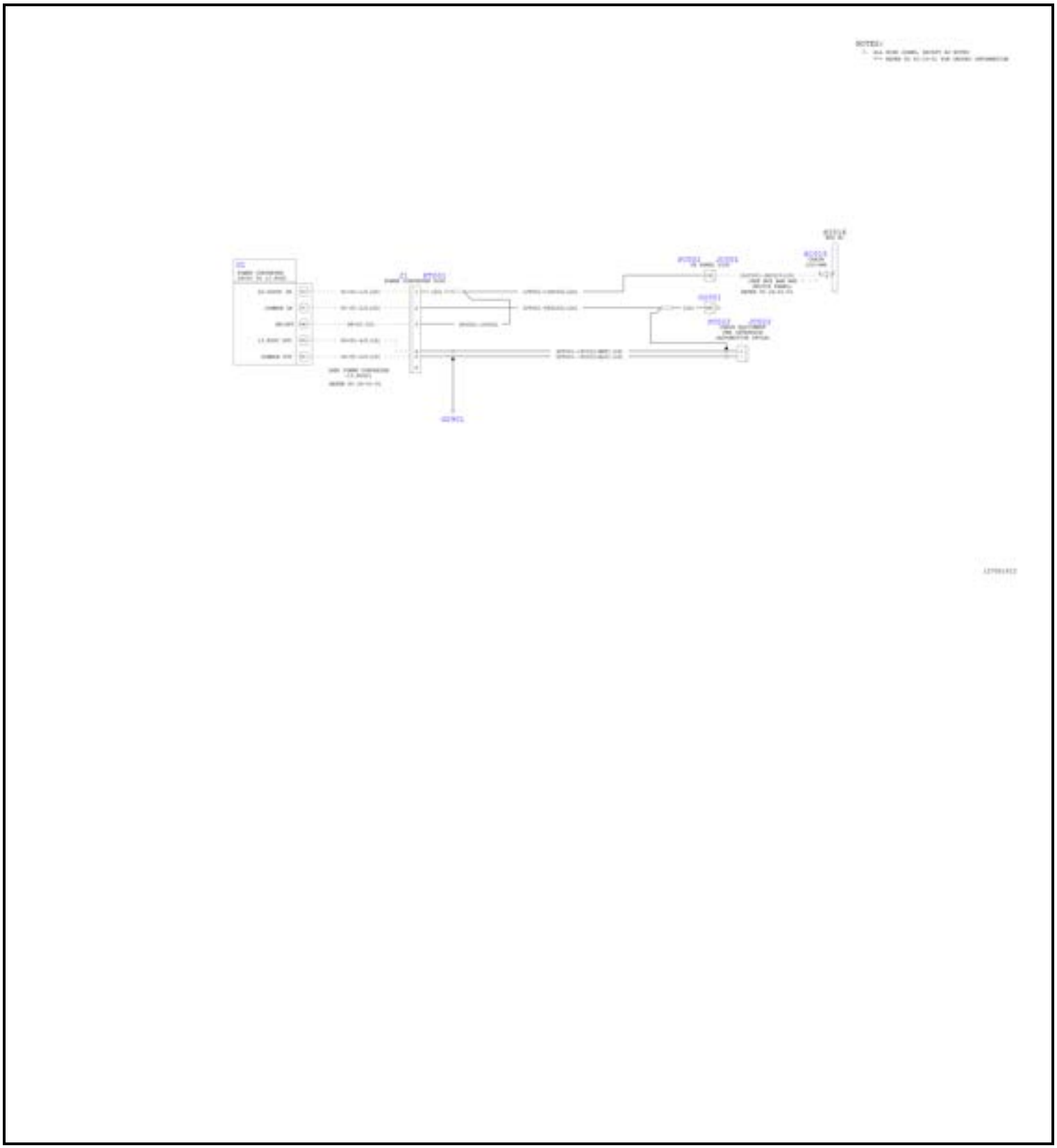
CABIN EQUIPMENT POWER INTERFACE

AIRPLANES (206) 08190 & ON WITHOUT NAV III OPTION AND AIRPLANES (T206) 08388 & ON WITHOUT NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GI001	S2527-1	GROUND STUD FOR SPARES ORDER (MUST REPLACE WITH): S2099-2		(206) 08190 & ON (T206) 08388 & ON	01
	S2099-2	CONTACT		(206) 08190 & ON (T206) 08388 & ON	AR
	200838-2	. BLOCK	V00779		AR
	S2527-3	. CLAMP			AR
	S2099-13	. CONTACT			AR
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		02
	201846-1	. JACKSCREW	V00779		AR
	203618-1	. JACKSCREW	V00779		02
GS901	3940359-2	GROUND STUD - ELT (ZONE 310)		(206) 08190 & ON (T206) 08388 & ON	01
HI015	S1360-5L	CIRCUIT BREAKER - CABIN LIGHTS/POWER (ZONE 224)		(206) 08190 & ON (T206) 08388 & ON	01
J1	S1640-6	CONNECTOR - JUNCTION BOX DISCONNECT (ZONE 510)		(206) 08190 & ON (T206) 08388 & ON	01
	S1635-1	. CONTACT	V49367		AR
JC001	S2349-5	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08190 & ON (T206) 08388 & ON	01
	S1636-2	. CONTACT			AR
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
JC022		CONNECTOR - CABIN EQUIPMENT POWER INTERFACE			RF
PC001	S2350-10	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08190 & ON (T206) 08388 & ON	01
	S2350-4	. CONTACT	V00779		01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PC022	926522-1	CONNECTOR - CABIN EQUIPMENT POWER INTERFACE	V00779	(206) 08190 & ON (T206) 08388 & ON	01
	1-160759-1	. RECEPTACLE	V00779		02
PT001	S1641-6	CONNECTOR - POWER CONVERTER DISCONNECT (ZONE 224)		(206) 08190 & ON (T206) 08388 & ON	01
	1636-1	. CONTACT			AR
	1636-2	. CONTACT			AR
U1	N2412-12	POWER CONVERTER - DC-DC (ZONE 120)	V0GXD3	(206) 08139 & ON (T206) 08260 & ON	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 02 : Sheet 01 : CABIN EQUIPMENT POWER INTERFACE



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

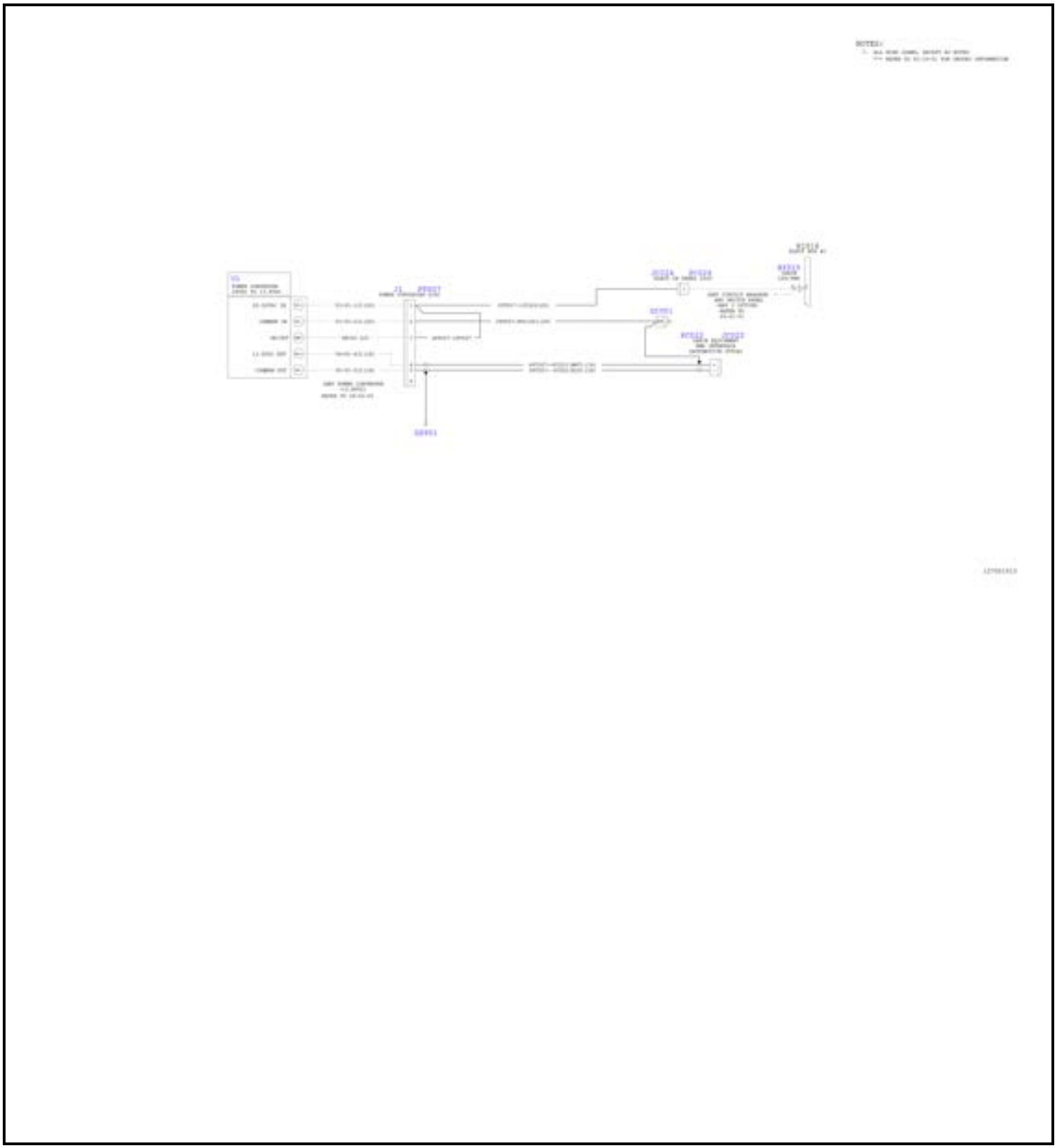
CABIN EQUIPMENT POWER INTERFACE

AIRPLANES (206) 08215 THRU 08257 WITH NAV III OPTION AND AIRPLANES (T206) 08450 THRU 08585 WITH NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GI001	S2527-1	GROUND STUD FOR SPARES ORDER (MUST REPLACE WITH): S2099-2		(206) 08215 - 08257 (T206) 08450 - 08585	01
	S2099-2	CONTACT		(206) 08215 - 08257 (T206) 08450 - 08585	AR
	200838-2	. BLOCK	V00779		AR
	S2527-3	. CLAMP			AR
	S2099-13	. CONTACT			AR
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		02
	201846-1	. JACKSCREW	V00779		AR
	203618-1	. JACKSCREW	V00779		02
GS901	3940359-2	GROUND STUD - ELT (ZONE 310)		(206) 08215 - 08257 (T206) 08450 - 08585	01
HI015	S1360-5L	CIRCUIT BREAKER - CABIN LIGHTS/POWER (ZONE 224)		(206) 08215 - 08257 (T206) 08450 - 08585	01
J1	S1640-6	CONNECTOR - POWER CONVERTER DISCONNECT (ZONE 610)		(206) 08215 - 08257 (T206) 08450 - 08585	01
	S1635-1	. CONTACT	V49367		05
JC022		CONNECTOR - CABIN EQUIPMENT POWER INTERFACE			RF
JC024	S2350-4	CONNECTOR - ELECTRICAL CIRCUIT BREAKER PANEL DISCONNECT (ZONE 120)	V00779	(206) 08215 - 08257 (T206) 08450 - 08585	01
	S2353-4	. PIN			01
	S2353-5	. PIN			01
PC022	926522-1	CONNECTOR - CABIN EQUIPMENT POWER INTERFACE	V00779	(206) 08215 - 08257 (T206) 08450 - 08585	01
	1-160759-1	. RECEPTACLE	V00779		02
PC024	S2349-3	CONNECTOR - ELECTRICAL CIRCUIT BREAKER PANEL DISCONNECT		(206) 08215 - 08257 (T206) 08450 - 08585	01
	S2099-3	. CONTACT			03
	S2099-4	. CONTACT	V00779		06
PT007	S1641-6	CONNECTOR - POWER CONVERTER DISCONNECT		(206) 08215 - 08257 (T206) 08450 - 08585	01
	S1636-1	. CONTACT			AR
	S1636-2	. CONTACT			AR
U1	N2412-12	POWER CONVERTER - DC-DC (ZONE 120)	V0GXD3	(206) 08139 & ON (T206) 08260 & ON	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 03 : Sheet 01 : CABIN EQUIPMENT POWER INTERFACE



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

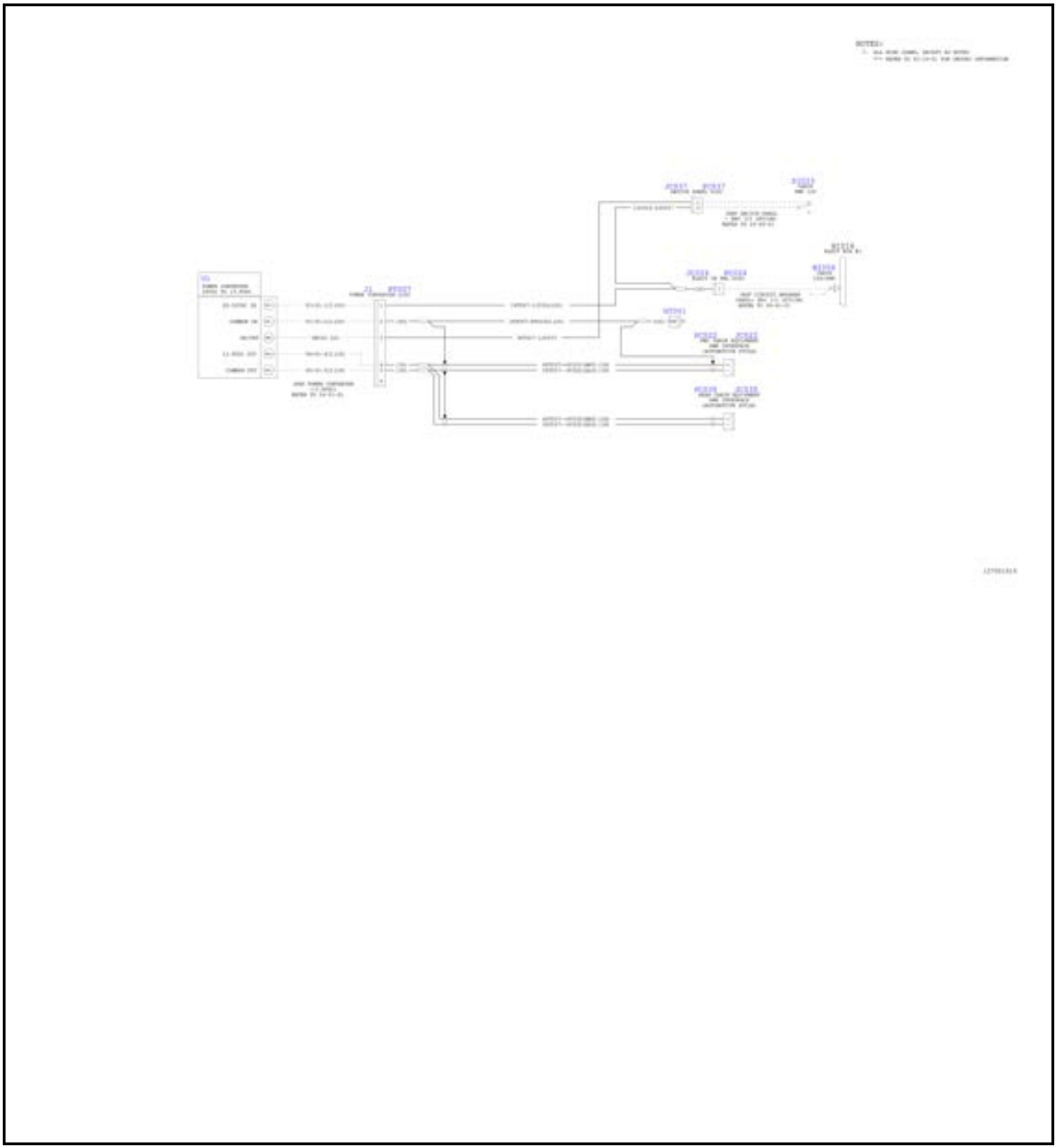
CABIN EQUIPMENT POWER INTERFACE

AIRPLANES (206) 08258 & ON WITH NAV III OPTION AND AIRPLANES (T206) 08586 THRU 09621 WITH NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GI001	S3270-2	GROUND BLOCK (ZONE 211) FOR SPARES ORDER (MUST REPLACE WITH): S2099-2		(206) 08258 & ON (T206) 08586 - 09621	01
	S2099-2	GROUND STUD		(206) 08258 & ON (T206) 08586 - 09621	01
	S2099-4	. CONTACT	V00779		AR
HI056	S2899L5.0	CIRCUIT BREAKER	V82647	(206) 08258 & ON (T206) 08586 - 09621	01
J1	S1640-6	CONNECTOR - POWER CONVERTER DISCONNECT (ZONE 610)		(206) 08258 & ON (T206) 08586 - 09621	01
	S1635-1	. CONTACT	V49367		05
JC022		CONNECTOR - CABIN EQUIPMENT POWER INTERFACE			RF
JC024	S2350-4	CONNECTOR - ELECTRICAL CIRCUIT BREAKER PANEL DISCONNECT (ZONE 120)	V00779	(206) 08258 & ON (T206) 08586 - 09621	01
	S2353-4	. PIN			01
	S2353-5	. PIN			01
JC035		CONNECTOR - SWITCH PANEL DISCONNECT			RF
JC037	S2350-5	CONNECTOR - SWITCH PANEL DISCONNECT	V00779	(206) 08258 & ON (T206) 08586 - 09621	01
	S2099-4	. CONTACT	V00779		AR
PC022	926522-1	CONNECTOR - CABIN EQUIPMENT POWER INTERFACE	V00779	(206) 08258 & ON (T206) 08586 - 09621	01
	1-160759-1	. RECEPTACLE	V00779		02
PC024	S2349-3	CONNECTOR - ELECTRICAL CIRCUIT BREAKER PANEL DISCONNECT		(206) 08258 & ON (T206) 08586 - 09621	01
	S2099-3	. CONTACT			03
	S2099-4	. CONTACT	V00779		06
PC035	926522-1	CONNECTOR	V00779	(206) 08258 & ON (T206) 08586 - 09621	01
	1-160759-1	. RECEPTACLE	V00779		01
PC037	S2349-2	CONNECTOR - POWER CONVERTER DISCONNECT	V00779	(206) 08258 & ON (T206) 08586 - 09621	01
	S2099-4	. CONTACT	V00779		AR
PT007	S1641-6	CONNECTOR - POWER CONVERTER DISCONNECT		(206) 08258 & ON (T206) 08586 - 09621	01
	S1636-1	. CONTACT			AR
	S1636-2	. CONTACT			AR
SI023	MS35058-22	SWITCH - CABIN POWER	V96906	(206) 08258 & ON (T206) 08586 - 09621	01
U1	N2412-12	POWER CONVERTER - DC-DC (ZONE 120)	V0GXD3	(206) 08139 & ON (T206) 08260 & ON	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 04 : Sheet 01 : CABIN EQUIPMENT POWER INTERFACE



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

CABIN EQUIPMENT POWER INTERFACE - WITH NAV III

AIRPLANES (T206) 09622 THRU 09741 AND 09743 THRU 09756

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GI001	S2527-1	GROUND STUD FOR SPARES ORDER (MUST REPLACE WITH): S2099-2		(T206) 09622 - 09741 (T206) 09743 - 09756	01
	S2099-2	CONTACT		(T206) 09622 - 09741 (T206) 09743 - 09756	AR
	200838-2	. BLOCK	V00779		AR
	S2527-3	. CLAMP			AR
	S2099-13	. CONTACT			AR
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		02
	201846-1	. JACKSCREW	V00779		AR
	203618-1	. JACKSCREW	V00779		02
HI056	S2899L5.0	CIRCUIT BREAKER	V82647	(T206) 09622 - 09741 (T206) 09743 - 09756	01
J1	S1640-6	CONNECTOR - POWER CONVERTER DISCONNECT (ZONE 610)		(T206) 09622 - 09741 (T206) 09743 - 09756	01
	S1635-1	. CONTACT	V49367		05
JC024	S2350-4	CONNECTOR - ELECTRICAL CIRCUIT BREAKER PANEL DISCONNECT (ZONE 120)	V00779	(T206) 09622 - 09741 (T206) 09743 - 09756	01
	S2353-4	. PIN			01
	S2353-5	. PIN			01
JC035		CONNECTOR - SWITCH PANEL DISCONNECT			RF
JC037	S2350-5	CONNECTOR - SWITCH PANEL DISCONNECT	V00779	(T206) 09622 - 09741 (T206) 09743 - 09756	01
	S2099-4	. CONTACT	V00779		AR
PC024	S2349-3	CONNECTOR - ELECTRICAL CIRCUIT BREAKER PANEL DISCONNECT		(T206) 09622 - 09741 (T206) 09743 - 09756	01
	S2099-3	. CONTACT			03
	S2099-4	. CONTACT	V00779		06
PC035	926522-1	CONNECTOR	V00779	(T206) 09622 - 09741 (T206) 09743 - 09756	01
	1-160759-1	. RECEPTACLE	V00779		01
PC037	S2349-2	CONNECTOR - POWER CONVERTER DISCONNECT	V00779	(T206) 09622 - 09741 (T206) 09743 - 09756	01
	S2099-4	. CONTACT	V00779		AR
PT007	S1641-6	CONNECTOR - POWER CONVERTER DISCONNECT		(T206) 09622 - 09741 (T206) 09743 - 09756	01
	S1636-1	. CONTACT			AR
	S1636-2	. CONTACT			AR
SI023	MS35058-22	SWITCH - CABIN POWER	V96906	(T206) 09622 - 09741 (T206) 09743 - 09756	01
U1	N2412-12	POWER CONVERTER - DC-DC (ZONE 120)	V0GXD3	(206) 08139 & ON (T206) 08260 & ON	01
UC010		USB OUTLET			RF

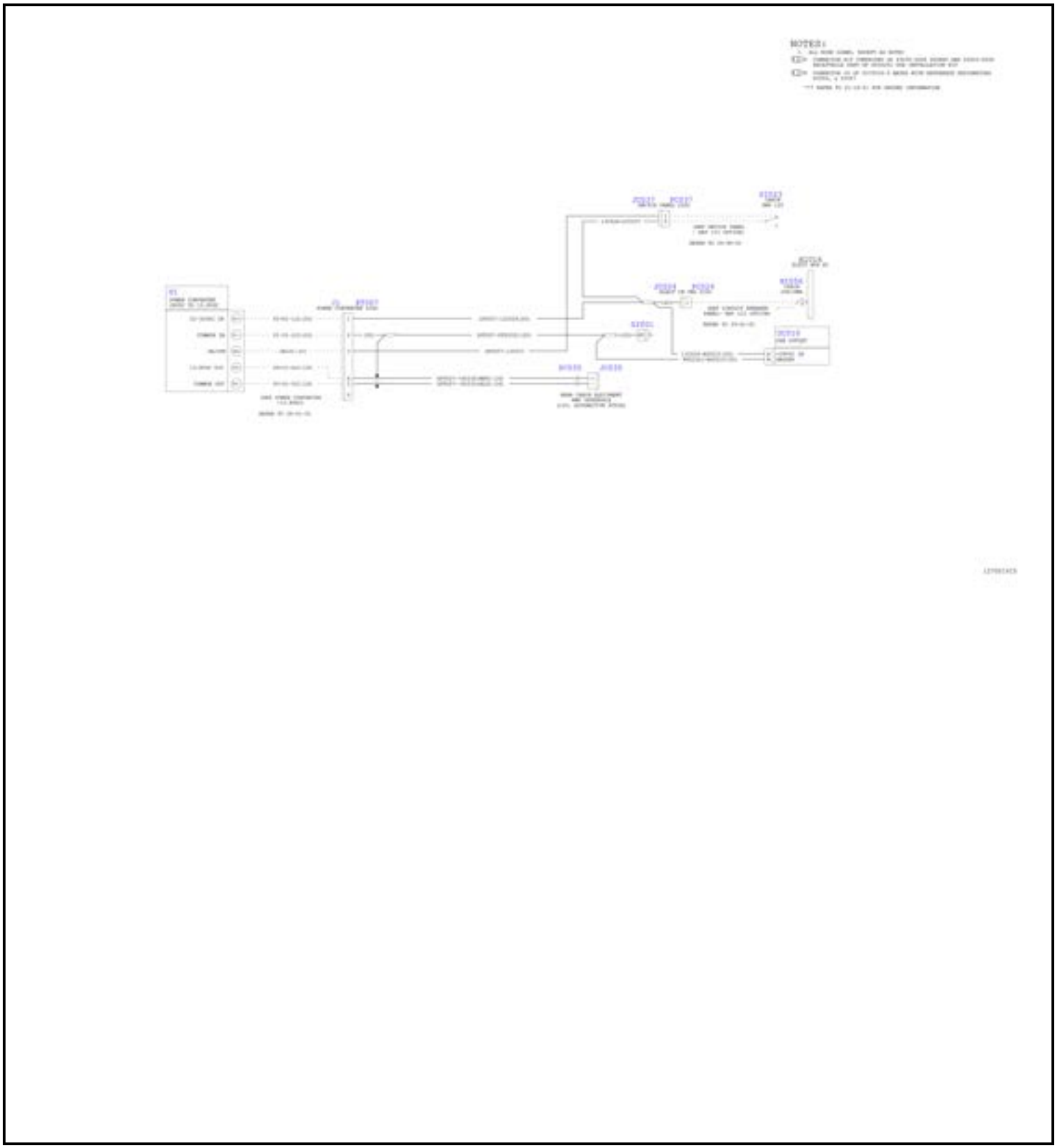
CABIN EQUIPMENT POWER INTERFACE - WITH NAV III

AIRPLANES (T206) 09622 THRU 09741 AND 09743 THRU 09756

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
JC054	S2350-5	RECEPTACLE	V00779	(T206) 09622 - 09741 (T206) 09743 - 09756	01
	S2353-3	. PIN	V00779		04
PC055	S2035-2	HOUSING	V00779	(T206) 09622 - 09741 (T206) 09743 - 09756	01
	S1636-2	. SOCKET			02
PF007	S2035-2	HOUSING	V00779	(T206) 09622 - 09741 (T206) 09743 - 09756	01
	S1636-2	. SOCKET			02

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 05 : Sheet 01 : CABIN EQUIPMENT POWER INTERFACE - WITH NAV III



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 05 : Sheet 02 : CABIN EQUIPMENT POWER INTERFACE - WITH NAV III



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

CABIN EQUIPMENT POWER INTERFACE - WITH NAV III

AIRPLANES (T206) 09742 AND 09757 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
AC901	S1370-1	SPLICE		(T206) 09742 - 09742 (T206) 09757 & ON	01
AC902	S1370-1	SPLICE		(T206) 09742 - 09742 (T206) 09757 & ON	01
GI001	S2099-4	CONTACT	V00779	(T206) 09742 - 09742 (T206) 09757 & ON	01
HI056	S2899L5.0	CIRCUIT BREAKER	V82647	(T206) 09742 - 09742 (T206) 09757 & ON	01
JC024	S2350-4	CONNECTOR - ELECTRICAL CIRCUIT BREAKER PANEL DISCONNECT (ZONE 120)	V00779	(T206) 09742 - 09742 (T206) 09757 & ON	01
	S2353-4	. PIN			01
	S2353-5	. PIN			01
PC024	S2349-3	CONNECTOR - ELECTRICAL CIRCUIT BREAKER PANEL DISCONNECT		(T206) 09742 - 09742 (T206) 09757 & ON	01
	S2099-3	. CONTACT			03
	S2099-4	. CONTACT	V00779		06
PC052	S2035-2	HOUSING	V00779	(T206) 09742 - 09742 (T206) 09757 & ON	01
	S1636-2	. SOCKET			02
PC053	S2035-2	HOUSING	V00779	(T206) 09742 - 09742 (T206) 09757 & ON	01
	S1636-2	. SOCKET			02
PC054	S2349-2	PLUG	V00779	(T206) 09742 - 09742 (T206) 09757 & ON	01
	S2099-2	. CONTACT			04
PF005	S2035-2	HOUSING	V00779	(T206) 09742 - 09742 (T206) 09757 & ON	01
	S1636-2	. SOCKET			02
PF008	S2035-2	HOUSING	V00779	(T206) 09742 - 09742 (T206) 09757 & ON	01
	S1636-2	. SOCKET			02
UC010		USB OUTLET			RF

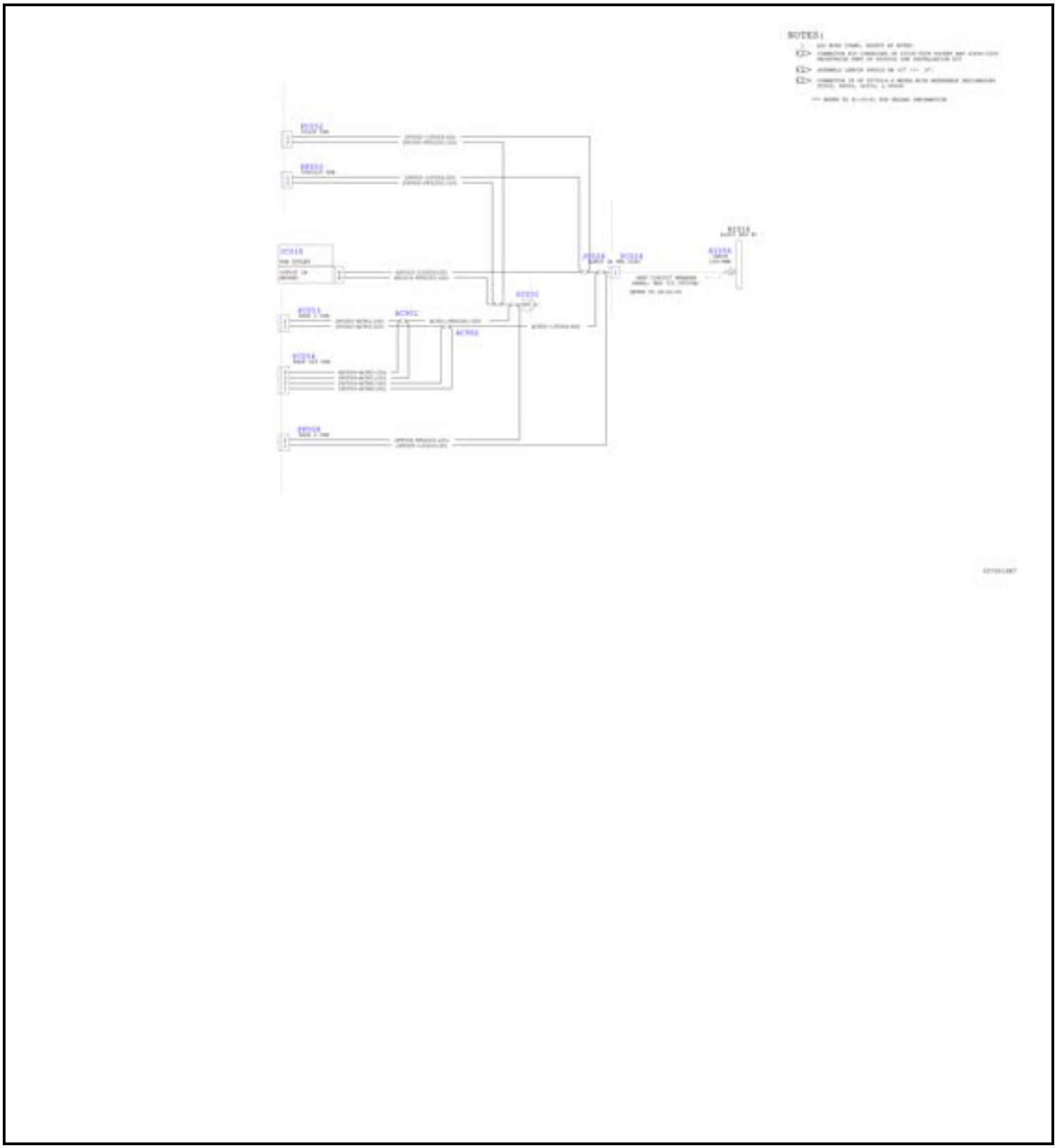
CABIN EQUIPMENT POWER INTERFACE - WITH NAV III

AIRPLANES (T206) 09742 AND 09757 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	EFFECTIVITY	UNITS PER ASSY
J5		CONNECTOR - JUNCTION BOX		RF
U1		USB OUTLET		01

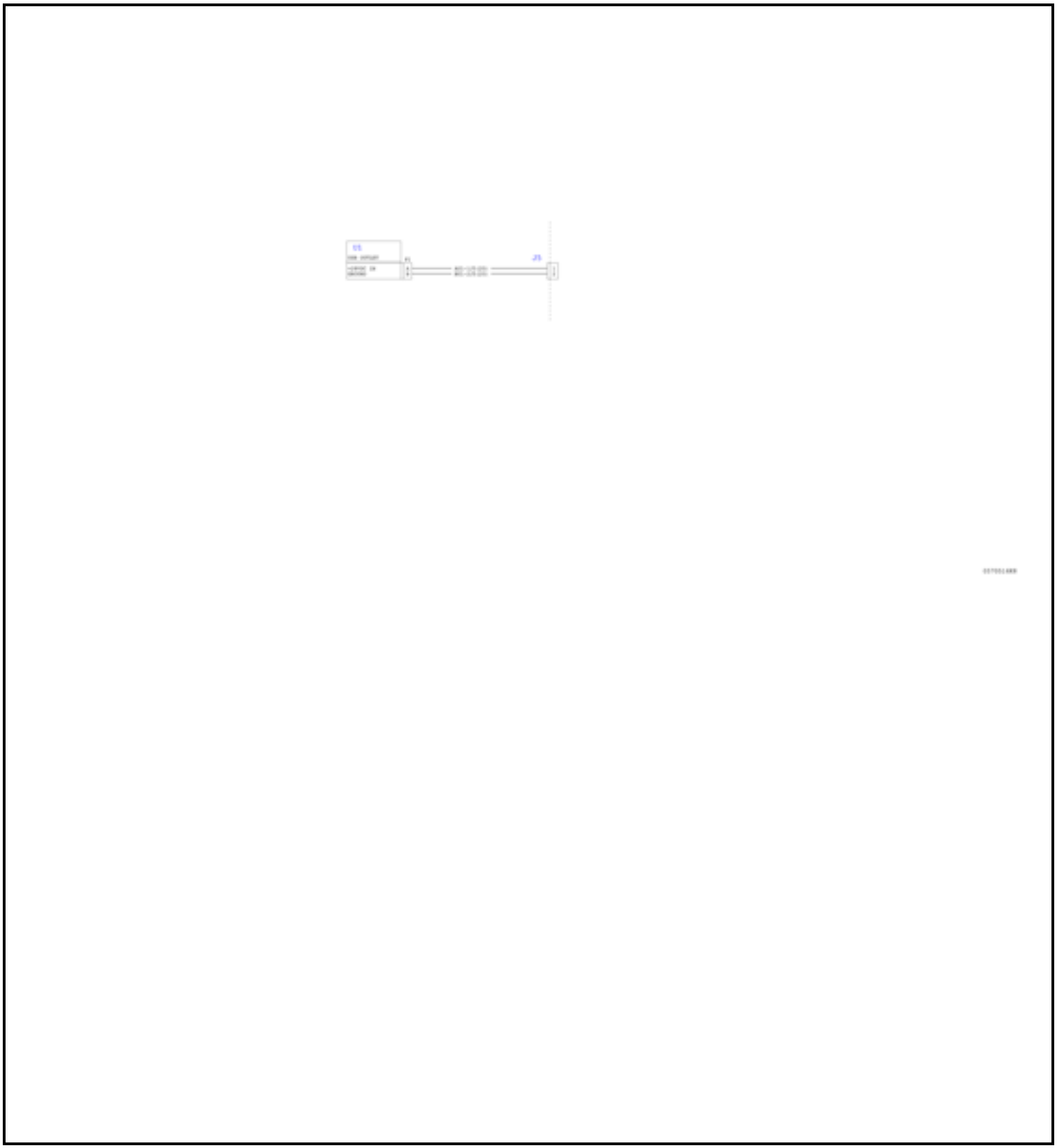
Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 06 : Sheet 01 : CABIN EQUIPMENT POWER INTERFACE - WITH NAV III



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 06 : Sheet 02 : CABIN EQUIPMENT POWER INTERFACE - WITH NAV III



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

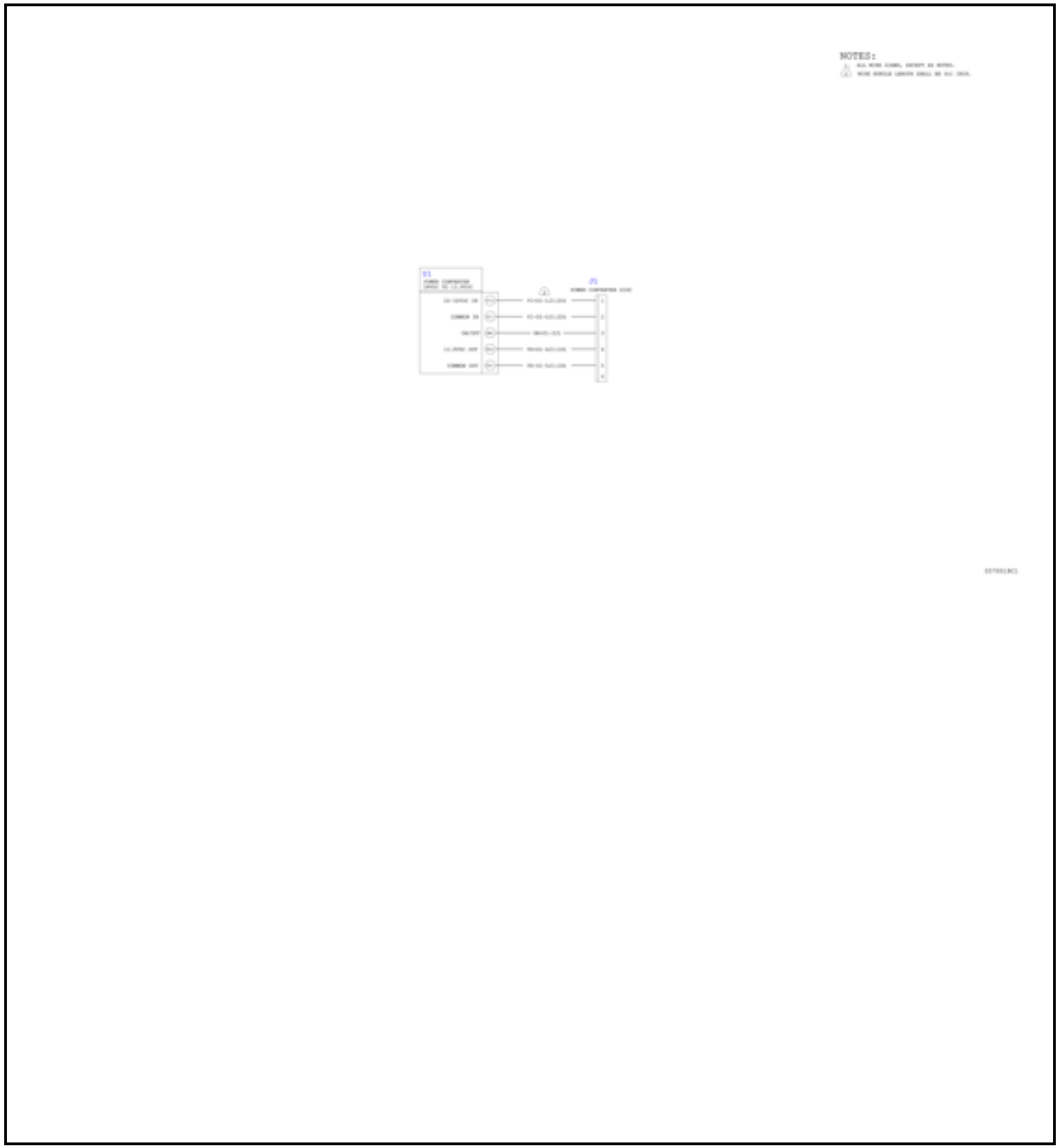
POWER CONVERTER

AIRPLANES (206) 08139 & ON AND AIRPLANES (T206) 08260 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
J1	S1640-6	CONNECTOR - JUNCTION BOX DISCONNECT (ZONE 510)		(206) 08139 & ON (T206) 08260 & ON	01
	S1635-1	. CONTACT	V49367		AR
U1	N2412-12	POWER CONVERTER - DC-DC (ZONE 120)	V0GXD3	(206) 08139 & ON (T206) 08260 & ON	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 01 : Sheet 01 : POWER CONVERTER



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

CIRCUIT BREAKER PANEL

AIRPLANES (206) 08001 THRU 08138 INCORPORATING SB00-24-02 AND AIRPLANES (T206) 08001 THRU 08259 INCORPORATING SB00-24-02

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
DI001	1N6391	DIODE (ZONE 224) * AIRPLANES (206) 08001 & ON INCORPORATING SB06-24-05 * AIRPLANES (T206) 08001 & ON INCORPORATING SB06-24-05		(206) *08001 & ON (T206) *08001 & ON	01
DI002	1N6391	DIODE (ZONE 224) * AIRPLANES (206) 08001 & ON INCORPORATING SB06-24-05 * AIRPLANES (T206) 08001 & ON INCORPORATING SB06-24-05		(206) *08001 & ON (T206) *08001 & ON	01
HI001	CM3589-10	CIRCUIT BREAKER - LANDING LIGHTS (ZONE 224)		(206) 08001 - 08138 (T206) 08001 - 08259	01
HI002	CM3589-5	CIRCUIT BREAKER - NAVIGATION LIGHTS (ZONE 224)		(206) 08001 - 08138 (T206) 08001 - 08259	01
HI003	S1360-5L	CIRCUIT BREAKER		(206) 08001 - 08138 (T206) 08001 - 08259	01
HI004	CM3589-5	CIRCUIT BREAKER - BEACON LIGHT (ZONE 224)		(206) 08001 - 08138 (T206) 08001 - 08259	01
HI005	CM3589-5	CIRCUIT BREAKER - STROBE LIGHTS (ZONE 224)		(206) 08001 - 08138 (T206) 08001 - 08259	01
HI006	CM3589-10	CIRCUIT BREAKER - PITOT HEATER (ZONE 224)		(206) 08001 - 08138 (T206) 08001 - 08259	01
HI007	S1360-10L	CIRCUIT BREAKER - FLAPS (ZONE 224)		(206) 08001 - 08138 (T206) 08001 - 08259	01
HI008	S1360-5L	CIRCUIT BREAKER - TURN COORDINATOR (ZONE 224)		(206) 08001 - 08138 (T206) 08001 - 08259	01
HI009	S1360-5L	CIRCUIT BREAKER - INSTRUMENT LIGHTS (ZONE 224)		(206) 08001 - 08138 (T206) 08001 - 08259	01
HI010	S1360-5L	CIRCUIT BREAKER - ALTERNATOR FIELD (ZONE 224)		(206) 08001 - 08138 (T206) 08001 - 08259	01
HI012	CM3589-5	CIRCUIT BREAKER - FUEL PUMP (ZONE 224)		(206) 08001 - 08138 (T206) 08001 - 08259	01
HI013	CM3589-10	CIRCUIT BREAKER - TAXI LIGHTS (ZONE 224)		(206) 08001 - 08138 (T206) 08001 - 08259	01
HI022	S1360-5L	CIRCUIT BREAKER - WARNING (ZONE 224)		(206) 08001 - 08138 (T206) 08001 - 08259	01
HI023	S1360-15L	CIRCUIT BREAKER - AVIONICS (ZONE 224)		(206) 08001 - 08138 (T206) 08001 - 08259	01
HI024	S1360-15L	CIRCUIT BREAKER - AVIONICS (ZONE 224)		(206) 08001 - 08138 (T206) 08001 - 08259	01
JC001	S2349-5	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08001 - 08138 (T206) 08001 - 08259	01
	S1636-2	. CONTACT			AR
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
JC007	S1641-9	CONNECTOR - ELECTRICAL/AVIONIC DISCONNECT		(206) 08001 - 08138 (T206) 08001 - 08259	01
	S1636-1	. CONTACT			AR
JC010	S1641-9	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08001 - 08138 (T206) 08001 - 08259	01
	S1636-2	. CONTACT			AR
JC012	S2035-2	CONNECTOR - AVIONICS CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)	V00779	(206) 08001 - 08138 (T206) 08001 - 08259	01
	S1636-2	. CONTACT			AR
PC001	S2350-10	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08001 - 08138 (T206) 08001 - 08259	01
	S2350-4	. CONTACT	V00779		01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PC007	S1640-9	CONNECTOR - AVIONICS/ELECTRICAL DISCONNECT (ZONE 224)		(206) 08001 - 08138 (T206) 08001 - 08259	01
	S1635-1	. CONTACT	V49367		AR
	S1636-1	. SOCKET			AR
PC010	S1640-9	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08001 - 08138 (T206) 08001 - 08259	01
	S1635-1	. CONTACT	V49367		AR
	S1635-2	. CONTACT			AR
PC012	S2035-1	CONNECTOR - AVIONICS CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08001 - 08138 (T206) 08001 - 08259	01
	S1635-1	. CONTACT	V49367		AR
	S1635-2	. PIN			AR
SI001	S3271-1-1	SWITCH - AVIONICS MASTER (ZONE 224) FOR SPARES ORDER (MUST REPLACE WITH): S3377-1-1		(206) 08001 - 08138 (T206) 08001 - 08259	01
	S3377-1-1	SWITCH		(206) 08001 - 08138 (T206) 08001 - 08259	01
SI009	S3272-1-1	SWITCH - MASTER (ZONE 224)		(206) 08001 - 08138 (T206) 08001 - 08259	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

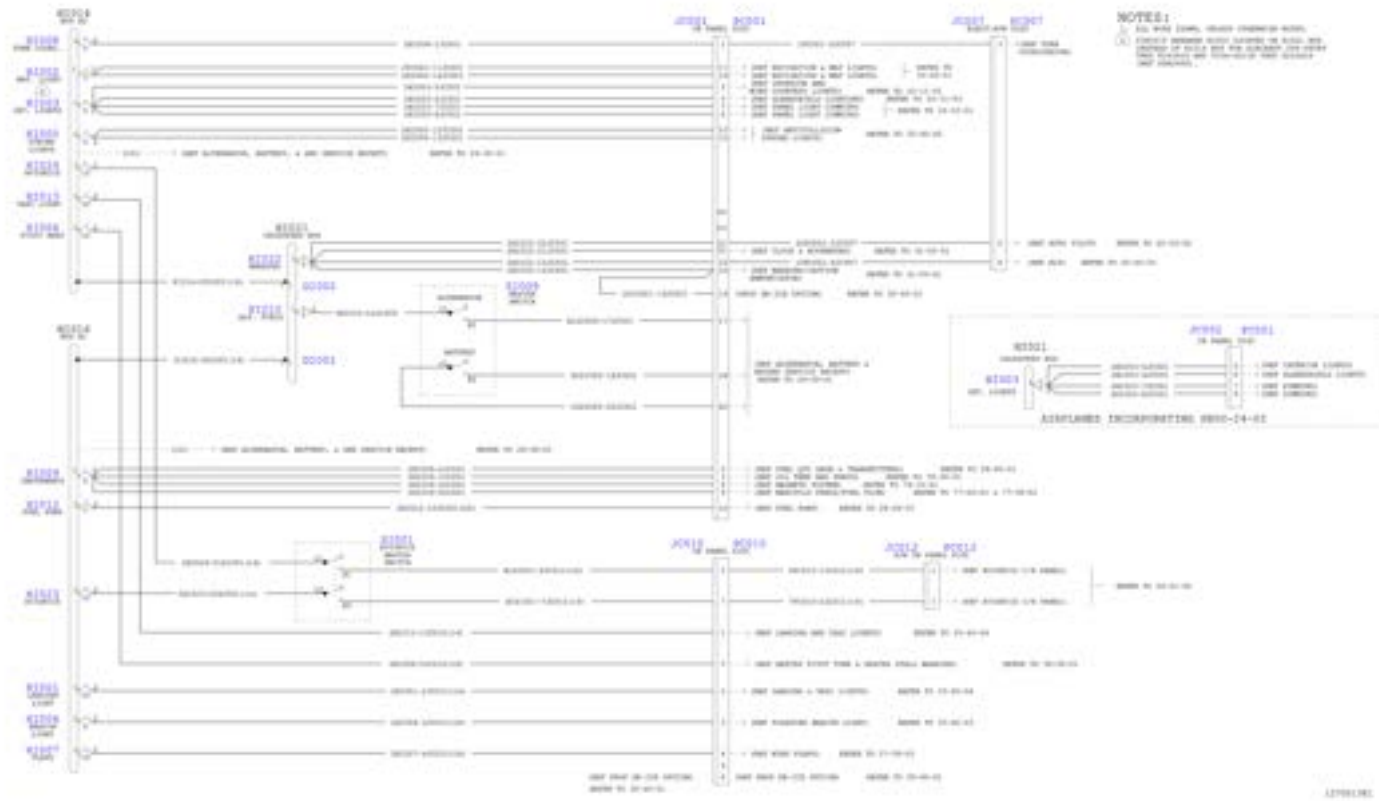
CIRCUIT BREAKER PANEL

AIRPLANES (206) 08001 THRU 08138 INCORPORATING SB00-24-02 AND AIRPLANES (T206) 08001 THRU 08259 INCORPORATING SB00-24-02

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	EFFECTIVITY	UNITS PER ASSY
	S1843-1	. MOUNTING BEZEL		01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 01 : Sheet 01 : CIRCUIT BREAKER PANEL



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

CIRCUIT BREAKER PANEL

AIRPLANES (206) 08139 & ON AND AIRPLANES (T206) 08260 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
DI001	1N6391	DIODE (ZONE 224) * AIRPLANES (206) 08001 & ON INCORPORATING SB06-24-05 * AIRPLANES (T206) 08001 & ON INCORPORATING SB06-24-05		(206) *08001 & ON (T206) *08001 & ON	01
DI002	1N6391	DIODE (ZONE 224) * AIRPLANES (206) 08001 & ON INCORPORATING SB06-24-05 * AIRPLANES (T206) 08001 & ON INCORPORATING SB06-24-05		(206) *08001 & ON (T206) *08001 & ON	01
HI001	CM3589-10	CIRCUIT BREAKER - LANDING LIGHTS (ZONE 224)		(206) 08139 & ON (T206) 08260 & ON	01
HI002	CM3589-5	CIRCUIT BREAKER - NAVIGATION LIGHTS (ZONE 224)		(206) 08139 & ON (T206) 08260 & ON	01
HI003	S1360-5L	CIRCUIT BREAKER		(206) 08139 & ON (T206) 08260 & ON	01
HI004	CM3589-5	CIRCUIT BREAKER - BEACON LIGHT (ZONE 224)		(206) 08139 & ON (T206) 08260 & ON	01
HI005	CM3589-5	CIRCUIT BREAKER - STROBE LIGHTS (ZONE 224)		(206) 08139 & ON (T206) 08260 & ON	01
HI006	CM3589-10	CIRCUIT BREAKER - PITOT HEATER (ZONE 224)		(206) 08139 & ON (T206) 08260 & ON	01
HI007	S1360-10L	CIRCUIT BREAKER - FLAPS (ZONE 224)		(206) 08139 & ON (T206) 08260 & ON	01
HI008	S1360-5L	CIRCUIT BREAKER - TURN COORDINATOR (ZONE 224)		(206) 08139 & ON (T206) 08260 & ON	01
HI009	S1360-5L	CIRCUIT BREAKER - INSTRUMENT LIGHTS (ZONE 224)		(206) 08139 & ON (T206) 08260 & ON	01
HI010	S1360-5L	CIRCUIT BREAKER - ALTERNATOR FIELD (ZONE 224)		(206) 08139 & ON (T206) 08260 & ON	01
HI012	CM3589-5	CIRCUIT BREAKER - FUEL PUMP (ZONE 224)		(206) 08139 & ON (T206) 08260 & ON	01
HI013	CM3589-10	CIRCUIT BREAKER - TAXI LIGHTS (ZONE 224)		(206) 08139 & ON (T206) 08260 & ON	01
HI015	S1360-5L	CIRCUIT BREAKER - CABIN LIGHTS/POWER (ZONE 224)		(206) 08139 & ON (T206) 08260 & ON	01
HI022	S1360-5L	CIRCUIT BREAKER - WARNING (ZONE 224)		(206) 08139 & ON (T206) 08260 & ON	01
HI023	S1360-15L	CIRCUIT BREAKER - AVIONICS (ZONE 224)		(206) 08139 & ON (T206) 08260 & ON	01
HI024	S1360-15L	CIRCUIT BREAKER - AVIONICS (ZONE 224)		(206) 08139 & ON (T206) 08260 & ON	01
JC001	S2349-5	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08139 & ON (T206) 08260 & ON	01
	S1636-2	. CONTACT			AR
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
JC007	S1641-9	CONNECTOR - ELECTRICAL/AVIONIC DISCONNECT		(206) 08139 & ON (T206) 08260 & ON	01
	S1636-1	. CONTACT			AR
JC010	S1641-9	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08139 & ON (T206) 08260 & ON	01
	S1636-2	. CONTACT			AR
JC012	S2035-2	CONNECTOR - AVIONICS CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)	V00779	(206) 08139 & ON (T206) 08260 & ON	01
	S1636-2	. CONTACT			AR
PC001	S2350-10	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08139 & ON (T206) 08260 & ON	01
	S2350-4	. CONTACT	V00779		01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PC007	S1640-9	CONNECTOR - AVIONICS/ELECTRICAL DISCONNECT (ZONE 224)		(206) 08139 & ON (T206) 08260 & ON	01
	S1635-1	. CONTACT	V49367		AR
	S1636-1	. SOCKET			AR
PC010	S1640-9	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08139 & ON (T206) 08260 & ON	01
	S1635-1	. CONTACT	V49367		AR
	S1635-2	. CONTACT			AR
PC012	S2035-1	CONNECTOR - AVIONICS CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08139 & ON (T206) 08260 & ON	01
	S1635-1	. CONTACT	V49367		AR
	S1635-2	. PIN			AR
SI009	S3272-1-1	SWITCH - MASTER (ZONE 224)		(206) 08139 & ON (T206) 08260 & ON	01
	S1843-1	. MOUNTING BEZEL			01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

CIRCUIT BREAKER PANEL

AIRPLANES (206) 08139 & ON AND AIRPLANES (T206) 08260 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	EFFECTIVITY	UNITS PER ASSY
SI010	S3443-1-1	SWITCH - AVIONICS MASTER (ZONE 224) * AIRPLANES (206) 08001 & ON INCORPORATING SB11-24-02 * AIRPLANES (T206) 08001 & ON INCORPORATING SB11-24-02	(206) *08001 & ON (T206) *08001 & ON	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 02 : Sheet 01 : CIRCUIT BREAKER PANEL



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

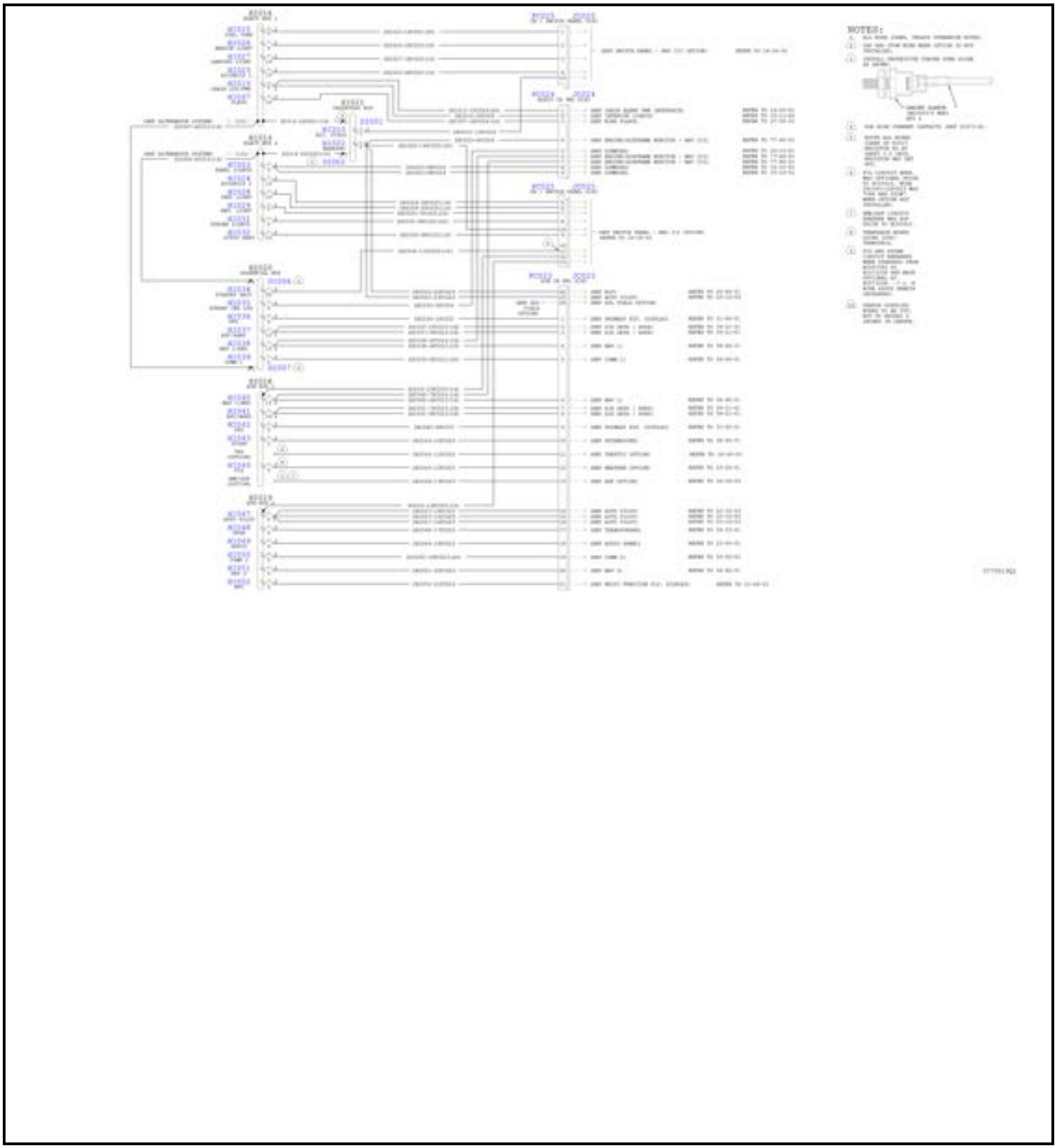
CIRCUIT BREAKER PANEL

AIRPLANES (206) 08215 THRU 08326 WITH NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
DI001	1N6391	DIODE (ZONE 224) * AIRPLANES (206) 08001 & ON INCORPORATING SB06-24-05 * AIRPLANES (T206) 08001 & ON INCORPORATING SB06-24-05		(206) *08001 & ON (T206) *08001 & ON	01
DI002	1N6391	DIODE (ZONE 224) * AIRPLANES (206) 08001 & ON INCORPORATING SB06-24-05 * AIRPLANES (T206) 08001 & ON INCORPORATING SB06-24-05		(206) *08001 & ON (T206) *08001 & ON	01
DI006	1N6391	DIODE		(206) 08215 - 08326	01
DI007	1N6391	DIODE		(206) 08215 - 08326	01
HI003	S1360-5L	CIRCUIT BREAKER		(206) 08215 - 08326	01
HI007	S1360-10L	CIRCUIT BREAKER - FLAPS (ZONE 224)		(206) 08215 - 08326	01
HI010	S1360-5L	CIRCUIT BREAKER - ALTERNATOR FIELD (ZONE 224)		(206) 08215 - 08326	01
HI015	S1360-5L	CIRCUIT BREAKER - CABIN LIGHTS/POWER (ZONE 224)		(206) 08215 - 08326	01
HI022	S1360-5L	CIRCUIT BREAKER - WARNING (ZONE 224)		(206) 08215 - 08326	01
HI023	S1360-15L	CIRCUIT BREAKER - AVIONICS (ZONE 224)		(206) 08215 - 08326	01
HI024	S1360-15L	CIRCUIT BREAKER - AVIONICS (ZONE 224)		(206) 08215 - 08326	01
HI025	S1360-5L	CIRCUIT BREAKER - FUEL PUMP		(206) 08215 - 08326	01
HI026	S1360-5L	CIRCUIT BREAKER - BEACON LIGHT		(206) 08215 - 08326	01
HI027	S1360-10L	CIRCUIT BREAKER - LANDING LIGHT		(206) 08215 - 08326	01
HI028	S1360-10L	CIRCUIT BREAKER - TAXI LIGHT		(206) 08215 - 08326	01
HI029	S1360-5L	CIRCUIT BREAKER - NAVIGATION LIGHT		(206) 08215 - 08326	01
HI031	S1360-5L	CIRCUIT BREAKER - STROBE LIGHT		(206) 08215 - 08326	01
HI032	S1360-10L	CIRCUIT BREAKER - PITOT HEAT		(206) 08215 - 08326	01
HI034	S2899L20.0	CIRCUIT BREAKER - STANDBY BATTERY * AIRPLANES (206) 08215 THRU 08284 INCORPORATING SB06-24-04		(206) *08215 - 08284 (T206) 08450 - 08705	01
HI035	S2899L5.0	CIRCUIT BREAKER - STANDBY INDICATOR LIGHTS	V82647	(206) 08215 - 08326	01
HI036	S2899L5.0	CIRCUIT BREAKER - PRIMARY FLIGHT DISPLAY	V82647	(206) 08215 - 08326	01
HI037	S2899L10.0	CIRCUIT BREAKER - ADC/AHRS * AIRPLANES (206) 08215 THRU 08284 INCORPORATING SB06-24-04	V82647	(206) *08215 - 08284 (T206) 08450 - 08705	01
HI038	S2899L15.0	CIRCUIT BREAKER - NAV 1/ENG * AIRPLANES (206) 08215 THRU 08284 INCORPORATING SB06-24-04	V82647	(206) *08215 - 08284 (T206) 08450 - 08705	01
HI039	S2899L5.0	CIRCUIT BREAKER - COMM 1	V82647	(206) 08215 - 08326	01
HI040	S2899L15.0	CIRCUIT BREAKER - NAV 1/ENG	V82647	(206) 08215 - 08326	01
HI041	S2899L10.0	CIRCUIT BREAKER - ADC/AHRS	V82647	(206) 08215 - 08326	01
HI042	S2899L5.0	CIRCUIT BREAKER - PRIMARY FLIGHT DISPLAY	V82647	(206) 08215 - 08326	01
HI043	S2899L5.0	CIRCUIT BREAKER - STORM	V82647	(206) 08215 - 08326	01
HI045	S2899L5.0	CIRCUIT BREAKER - FIS	V82647	(206) 08215 - 08326	01
HI047	S2899L5.0	CIRCUIT BREAKER - AUTOPILOT	V82647	(206) 08215 - 08326	01
HI048	S2899L5.0	CIRCUIT BREAKER - TRANSPONDER	V82647	(206) 08215 - 08326	01
HI049	S2899L5.0	CIRCUIT BREAKER - AUDIO	V82647	(206) 08215 - 08326	01
HI050	S2899L5.0	CIRCUIT BREAKER - COMM 2	V82647	(206) 08215 - 08326	01
HI051	S2899L5.0	CIRCUIT BREAKER - NAV 2	V82647	(206) 08215 - 08326	01
HI052	S2899L5.0	CIRCUIT BREAKER - MULTI-FUNCTION DISPLAY	V82647	(206) 08215 - 08326	01
JC023	S2350-10	CONNECTOR - AVIONIC CIRCUIT BREAKER DISCONNECT		(206) 08215 - 08326	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
	S2353-7	. PIN			AR
JC024	S2350-4	CONNECTOR - ELECTRICAL CIRCUIT BREAKER PANEL DISCONNECT (ZONE 120)	V00779	(206) 08215 - 08326	01
	S2353-4	. PIN			01
	S2353-5	. PIN			01
JC025	S2350-3	RECEPTACLE - SWITCH PANEL DISCONNECT		(206) 08215 - 08326	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
	S3373-1	. CONTACT			AR
	S2353-6	. PIN			05
PC023	S2349-5	CONNECTOR		(206) 08215 - 08326	01
	S2099-3	. CONTACT			06
	S2099-4	. CONTACT	V00779		17
PC024	S2349-3	CONNECTOR - ELECTRICAL CIRCUIT BREAKER PANEL DISCONNECT		(206) 08215 - 08326	01
	S2099-3	. CONTACT			03
	S2099-4	. CONTACT	V00779		06
PC025	S3373-2	CONNECTOR - CIRCUIT BREAKER/SWITCH PANEL DISCONNECT		(206) 08215 - 08326	01
	S2099-13	. CONTACT			06
	S2099-3	. CONTACT			02
	S2099-4	. CONTACT	V00779		05
	S2349-1	. PLUG	V00779		01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 03 : Sheet 01 : CIRCUIT BREAKER PANEL



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

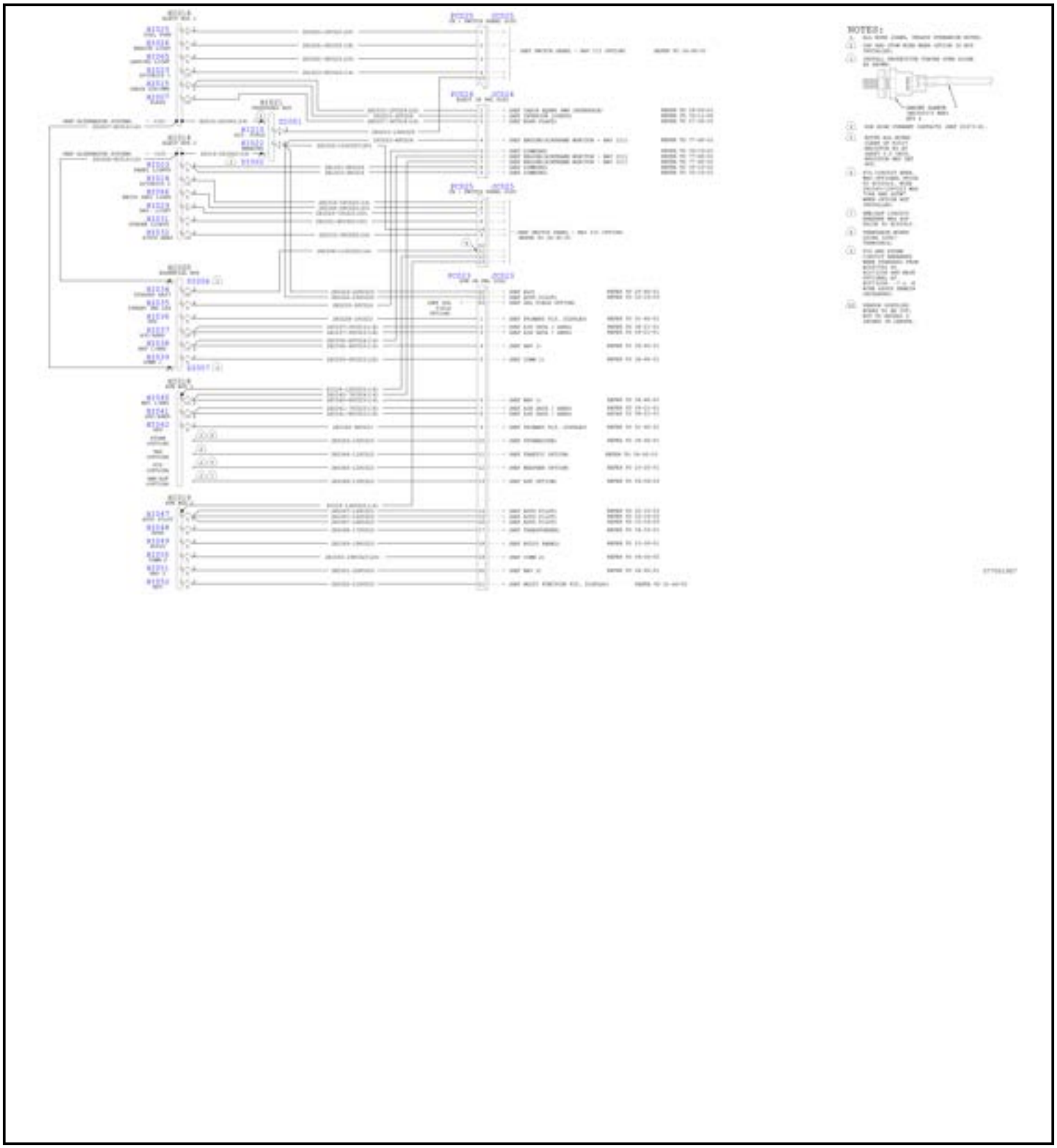
CIRCUIT BREAKER PANEL

AIRPLANES (206) 08327 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
DI001	1N6391	DIODE (ZONE 224) * AIRPLANES (206) 08001 & ON INCORPORATING SB06-24-05 * AIRPLANES (T206) 08001 & ON INCORPORATING SB06-24-05		(206) *08001 & ON (T206) *08001 & ON	01
DI002	1N6391	DIODE (ZONE 224) * AIRPLANES (206) 08001 & ON INCORPORATING SB06-24-05 * AIRPLANES (T206) 08001 & ON INCORPORATING SB06-24-05		(206) *08001 & ON (T206) *08001 & ON	01
DI006	1N6391	DIODE		(206) 08327 & ON	01
DI007	1N6391	DIODE		(206) 08327 & ON	01
HI003	S1360-5L	CIRCUIT BREAKER		(206) 08327 & ON	01
HI007	S1360-10L	CIRCUIT BREAKER - FLAPS (ZONE 224)		(206) 08327 & ON	01
HI010	S1360-5L	CIRCUIT BREAKER - ALTERNATOR FIELD (ZONE 224)		(206) 08327 & ON	01
HI015	S1360-5L	CIRCUIT BREAKER - CABIN LIGHTS/POWER (ZONE 224)		(206) 08327 & ON	01
HI022	S1360-5L	CIRCUIT BREAKER - WARNING (ZONE 224)		(206) 08327 & ON	01
HI023	S1360-15L	CIRCUIT BREAKER - AVIONICS (ZONE 224)		(206) 08327 & ON	01
HI024	S1360-15L	CIRCUIT BREAKER - AVIONICS (ZONE 224)		(206) 08327 & ON	01
HI025	S1360-5L	CIRCUIT BREAKER - FUEL PUMP		(206) 08327 & ON	01
HI026	S1360-5L	CIRCUIT BREAKER - BEACON LIGHT		(206) 08327 & ON	01
HI029	S1360-5L	CIRCUIT BREAKER - NAVIGATION LIGHT		(206) 08327 & ON	01
HI031	S1360-5L	CIRCUIT BREAKER - STROBE LIGHT		(206) 08327 & ON	01
HI032	S1360-10L	CIRCUIT BREAKER - PITOT HEAT		(206) 08327 & ON	01
HI034	S2899L20.0	CIRCUIT BREAKER		(206) 08125 & ON (T206) 08450 & ON	01
HI035	S2899L5.0	CIRCUIT BREAKER - STANDBY INDICATOR LIGHTS	V82647	(206) 08327 & ON	01
HI036	S2899L5.0	CIRCUIT BREAKER - PRIMARY FLIGHT DISPLAY	V82647	(206) 08327 & ON	01
HI037	S2899L10.0	CIRCUIT BREAKER	V82647	(206) 08215 & ON (T206) 08450 & ON	1
HI038	S2899L15.0	CIRCUIT BREAKER	V82647	(206) 08215 & ON (T206) 08450 & ON	1
HI039	S2899L5.0	CIRCUIT BREAKER - COMM 1	V82647	(206) 08327 & ON	01
HI040	S2899L15.0	CIRCUIT BREAKER - NAV 1/ENG	V82647	(206) 08327 & ON	01
HI041	S2899L10.0	CIRCUIT BREAKER - ADC/AHRS	V82647	(206) 08327 & ON	01
HI042	S2899L5.0	CIRCUIT BREAKER - PRIMARY FLIGHT DISPLAY	V82647	(206) 08327 & ON	01
HI047	S2899L5.0	CIRCUIT BREAKER - AUTOPILOT	V82647	(206) 08327 & ON	01
HI048	S2899L5.0	CIRCUIT BREAKER - TRANSPONDER	V82647	(206) 08327 & ON	01
HI049	S2899L5.0	CIRCUIT BREAKER - AUDIO	V82647	(206) 08327 & ON	01
HI050	S2899L5.0	CIRCUIT BREAKER - COMM 2	V82647	(206) 08327 & ON	01
HI051	S2899L5.0	CIRCUIT BREAKER - NAV 2	V82647	(206) 08327 & ON	01
HI052	S2899L5.0	CIRCUIT BREAKER - MULTI-FUNCTION DISPLAY	V82647	(206) 08327 & ON	01
HI065	S1360-5L	CIRCUIT BREAKER		(206) 08327 & ON	01
HI066	S1360-5L	CIRCUIT BREAKER		(206) 08327 & ON	01
JC023	S2350-10	CONNECTOR - AVIONIC CIRCUIT BREAKER DISCONNECT		(206) 08327 & ON	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
	S2353-7	. PIN			AR
JC024	S2350-4	CONNECTOR - ELECTRICAL CIRCUIT BREAKER PANEL DISCONNECT (ZONE 120)	V00779	(206) 08327 & ON	01
	S2353-4	. PIN			01
	S2353-5	. PIN			01
JC025	S2350-3	RECEPTACLE - SWITCH PANEL DISCONNECT		(206) 08327 & ON	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
	S3373-1	. CONTACT			AR
	S2353-6	. PIN			05
PC023	S2349-5	CONNECTOR		(206) 08327 & ON	01
	S2099-3	. CONTACT			06
	S2099-4	. CONTACT	V00779		17
PC024	S2349-3	CONNECTOR - ELECTRICAL CIRCUIT BREAKER PANEL DISCONNECT		(206) 08327 & ON	01
	S2099-3	. CONTACT			03
	S2099-4	. CONTACT	V00779		06
PC025	S3373-2	CONNECTOR - CIRCUIT BREAKER/SWITCH PANEL DISCONNECT		(206) 08327 & ON	01
	S2099-13	. CONTACT			06
	S2099-3	. CONTACT			02
	S2099-4	. CONTACT	V00779		05
	S2349-1	. PLUG	V00779		01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 04 : Sheet 01 : CIRCUIT BREAKER PANEL



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

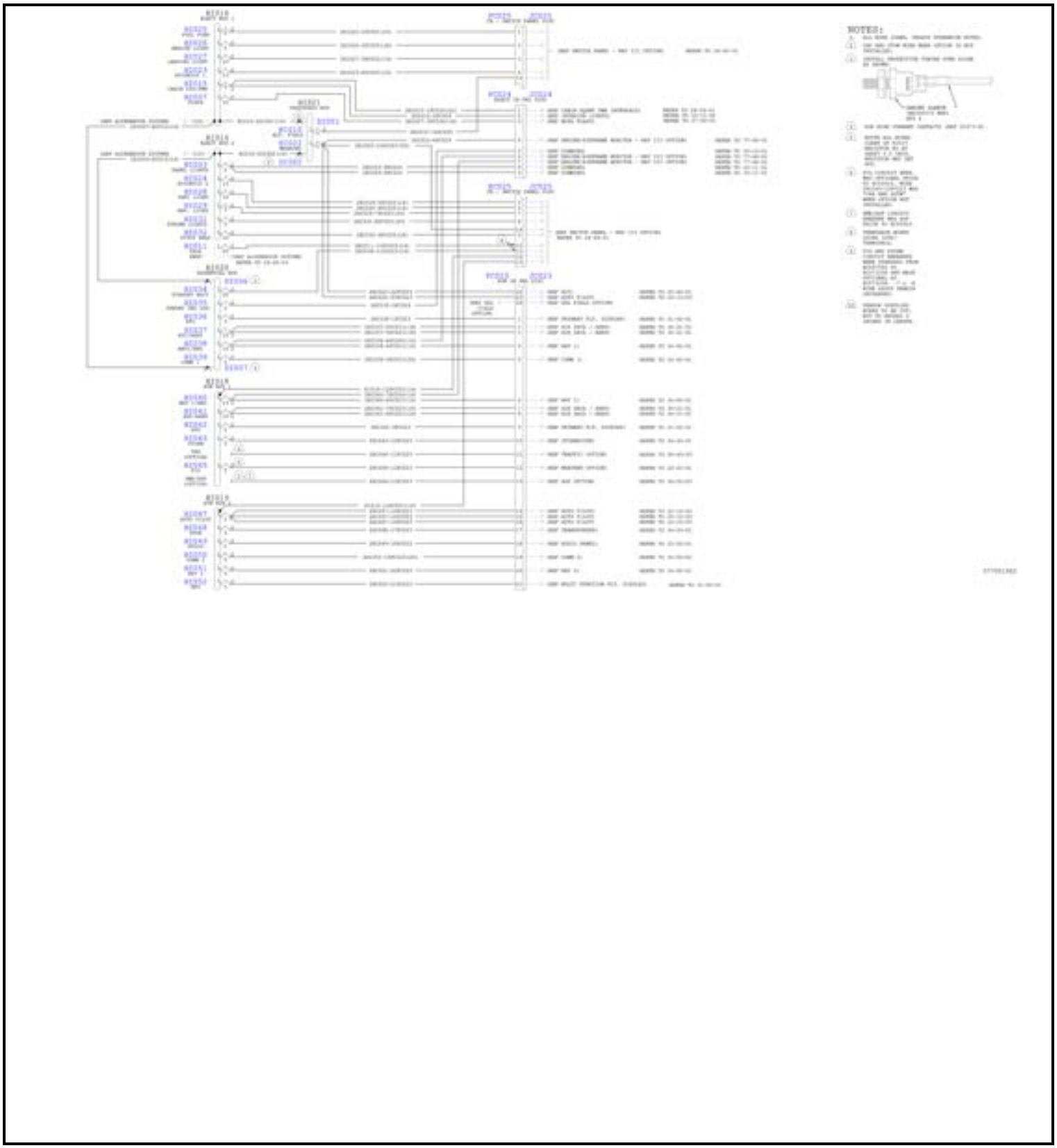
CIRCUIT BREAKER PANEL

AIRPLANES (T206) 08450 THRU 09000

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
DI001	1N6391	DIODE (ZONE 224) * AIRPLANES (206) 08001 & ON INCORPORATING SB06-24-05 * AIRPLANES (T206) 08001 & ON INCORPORATING SB06-24-05		(206) *08001 & ON (T206) *08001 & ON	01
DI002	1N6391	DIODE (ZONE 224) * AIRPLANES (206) 08001 & ON INCORPORATING SB06-24-05 * AIRPLANES (T206) 08001 & ON INCORPORATING SB06-24-05		(206) *08001 & ON (T206) *08001 & ON	01
DI006	1N6391	DIODE		(T206) 08450 - 09000	01
DI007	1N6391	DIODE		(T206) 08450 - 09000	01
HI003	S1360-5L	CIRCUIT BREAKER		(T206) 08450 - 09000	01
HI007	S1360-10L	CIRCUIT BREAKER - FLAPS (ZONE 224)		(T206) 08450 - 09000	01
HI010	S1360-5L	CIRCUIT BREAKER - ALTERNATOR FIELD (ZONE 224)		(T206) 08450 - 09000	01
HI011	S1360-20L	CIRCUIT BREAKER - PROPELLER HEAT (ZONE 224)		(206) 08215 & ON (T206) 08001 & ON	01
HI015	S1360-5L	CIRCUIT BREAKER - CABIN LIGHTS/POWER (ZONE 224)		(T206) 08450 - 09000	01
HI022	S1360-5L	CIRCUIT BREAKER - WARNING (ZONE 224)		(T206) 08450 - 09000	01
HI023	S1360-15L	CIRCUIT BREAKER - AVIONICS (ZONE 224)		(T206) 08450 - 09000	01
HI024	S1360-15L	CIRCUIT BREAKER - AVIONICS (ZONE 224)		(T206) 08450 - 09000	01
HI025	S1360-5L	CIRCUIT BREAKER - FUEL PUMP		(T206) 08450 - 09000	01
HI026	S1360-5L	CIRCUIT BREAKER - BEACON LIGHT		(T206) 08450 - 09000	01
HI027	S1360-10L	CIRCUIT BREAKER - LANDING LIGHT		(T206) 08450 - 09000	01
HI028	S1360-10L	CIRCUIT BREAKER - TAXI LIGHT		(T206) 08450 - 09000	01
HI029	S1360-5L	CIRCUIT BREAKER - NAVIGATION LIGHT		(T206) 08450 - 09000	01
HI031	S1360-5L	CIRCUIT BREAKER - STROBE LIGHT		(T206) 08450 - 09000	01
HI032	S1360-10L	CIRCUIT BREAKER - PITOT HEAT		(T206) 08450 - 09000	01
HI034	S2899L20.0	CIRCUIT BREAKER		(206) 08125 & ON (T206) 08450 & ON	01
HI035	S2899L5.0	CIRCUIT BREAKER - STANDBY INDICATOR LIGHTS	V82647	(T206) 08450 - 09000	01
HI036	S2899L5.0	CIRCUIT BREAKER - PRIMARY FLIGHT DISPLAY	V82647	(T206) 08450 - 09000	01
HI037	S2899L10.0	CIRCUIT BREAKER	V82647	(206) 08215 & ON (T206) 08450 & ON	1
HI038	S2899L15.0	CIRCUIT BREAKER	V82647	(206) 08215 & ON (T206) 08450 & ON	1
HI039	S2899L5.0	CIRCUIT BREAKER - COMM 1	V82647	(T206) 08450 - 09000	01
HI040	S2899L15.0	CIRCUIT BREAKER - NAV 1/ENG	V82647	(T206) 08450 - 09000	01
HI041	S2899L10.0	CIRCUIT BREAKER - ADC/AHRS	V82647	(T206) 08450 - 09000	01
HI042	S2899L5.0	CIRCUIT BREAKER - PRIMARY FLIGHT DISPLAY	V82647	(T206) 08450 - 09000	01
HI043	S2899L5.0	CIRCUIT BREAKER - STORM	V82647	(T206) 08450 - 09000	01
HI045	S2899L5.0	CIRCUIT BREAKER - FIS	V82647	(T206) 08450 - 09000	01
HI047	S2899L5.0	CIRCUIT BREAKER - AUTOPILOT	V82647	(T206) 08450 - 09000	01
HI048	S2899L5.0	CIRCUIT BREAKER - TRANSPONDER	V82647	(T206) 08450 - 09000	01
HI049	S2899L5.0	CIRCUIT BREAKER - AUDIO	V82647	(T206) 08450 - 09000	01
HI050	S2899L5.0	CIRCUIT BREAKER - COMM 2	V82647	(T206) 08450 - 09000	01
HI051	S2899L5.0	CIRCUIT BREAKER - NAV 2	V82647	(T206) 08450 - 09000	01
HI052	S2899L5.0	CIRCUIT BREAKER - MULTI-FUNCTION DISPLAY	V82647	(T206) 08450 - 09000	01
JC023	S2350-10	CONNECTOR - AVIONIC CIRCUIT BREAKER DISCONNECT		(T206) 08450 - 09000	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
	S2353-7	. PIN			AR
JC024	S2350-4	CONNECTOR - ELECTRICAL CIRCUIT BREAKER PANEL DISCONNECT (ZONE 120)	V00779	(T206) 08450 - 09000	01
	S2353-4	. PIN			01
	S2353-5	. PIN			01
JC025	S2350-3	RECEPTACLE - SWITCH PANEL DISCONNECT		(T206) 08450 - 09000	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
	S3373-1	. CONTACT			AR
	S2353-6	. PIN			05
PC023	S2349-5	CONNECTOR		(T206) 08450 - 09000	01
	S2099-3	. CONTACT			06
	S2099-4	. CONTACT	V00779		17
PC024	S2349-3	CONNECTOR - ELECTRICAL CIRCUIT BREAKER PANEL DISCONNECT		(T206) 08450 - 09000	01
	S2099-3	. CONTACT			03
	S2099-4	. CONTACT	V00779		06
PC025	S3373-2	CONNECTOR - CIRCUIT BREAKER/SWITCH PANEL DISCONNECT		(T206) 08450 - 09000	01
	S2099-13	. CONTACT			06
	S2099-3	. CONTACT			02
	S2099-4	. CONTACT	V00779		05
	S2349-1	. PLUG	V00779		01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 05 : Sheet 01 : CIRCUIT BREAKER PANEL



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

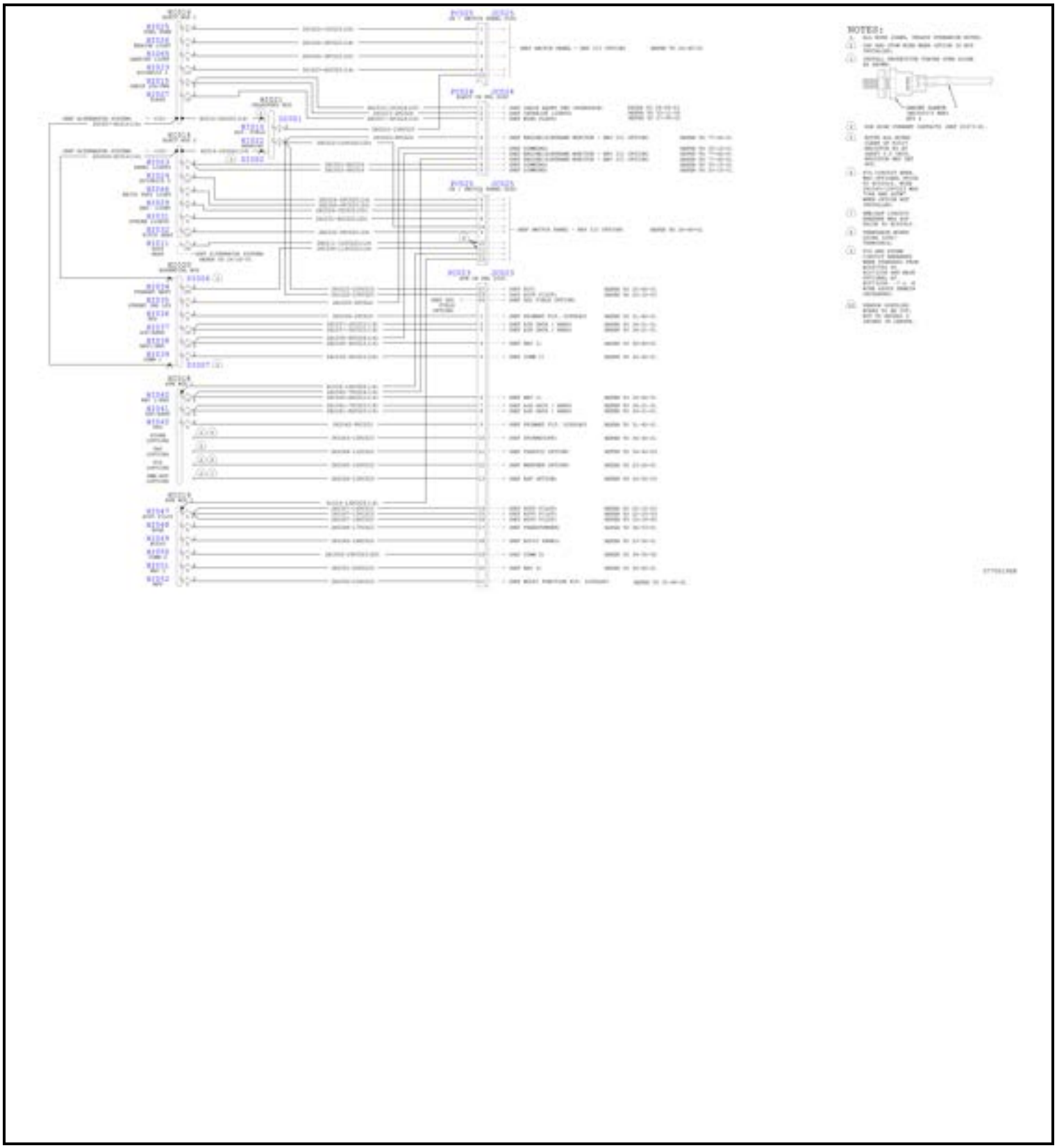
CIRCUIT BREAKER PANEL

AIRPLANES (T206) 09001 THRU 09257

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
DI001	1N6391	DIODE (ZONE 224) * AIRPLANES (206) 08001 & ON INCORPORATING SB06-24-05 * AIRPLANES (T206) 08001 & ON INCORPORATING SB06-24-05		(206) *08001 & ON (T206) *08001 & ON	01
DI002	1N6391	DIODE (ZONE 224) * AIRPLANES (206) 08001 & ON INCORPORATING SB06-24-05 * AIRPLANES (T206) 08001 & ON INCORPORATING SB06-24-05		(206) *08001 & ON (T206) *08001 & ON	01
DI006	1N6391	DIODE		(T206) 09001 - 09257	01
DI007	1N6391	DIODE		(T206) 09001 - 09257	01
HI003	S1360-5L	CIRCUIT BREAKER		(T206) 09001 - 09257	01
HI007	S1360-10L	CIRCUIT BREAKER - FLAPS (ZONE 224)		(T206) 09001 - 09257	01
HI010	S1360-5L	CIRCUIT BREAKER - ALTERNATOR FIELD (ZONE 224)		(T206) 09001 - 09257	01
HI011	S1360-20L	CIRCUIT BREAKER - PROPELLER HEAT (ZONE 224)		(206) 08215 & ON (T206) 08001 & ON	01
HI015	S1360-5L	CIRCUIT BREAKER - CABIN LIGHTS/POWER (ZONE 224)		(T206) 09001 - 09257	01
HI022	S1360-5L	CIRCUIT BREAKER - WARNING (ZONE 224)		(T206) 09001 - 09257	01
HI023	S1360-15L	CIRCUIT BREAKER - AVIONICS (ZONE 224)		(T206) 09001 - 09257	01
HI024	S1360-15L	CIRCUIT BREAKER - AVIONICS (ZONE 224)		(T206) 09001 - 09257	01
HI025	S1360-5L	CIRCUIT BREAKER - FUEL PUMP		(T206) 09001 - 09257	01
HI026	S1360-5L	CIRCUIT BREAKER - BEACON LIGHT		(T206) 09001 - 09257	01
HI029	S1360-5L	CIRCUIT BREAKER - NAVIGATION LIGHT		(T206) 09001 - 09257	01
HI031	S1360-5L	CIRCUIT BREAKER - STROBE LIGHT		(T206) 09001 - 09257	01
HI032	S1360-10L	CIRCUIT BREAKER - PITOT HEAT		(T206) 09001 - 09257	01
HI034	S2899L20.0	CIRCUIT BREAKER		(206) 08125 & ON (T206) 08450 & ON	01
HI035	S2899L5.0	CIRCUIT BREAKER - STANDBY INDICATOR LIGHTS	V82647	(T206) 09001 - 09257	01
HI036	S2899L5.0	CIRCUIT BREAKER - PRIMARY FLIGHT DISPLAY	V82647	(T206) 09001 - 09257	01
HI037	S2899L10.0	CIRCUIT BREAKER	V82647	(206) 08215 & ON (T206) 08450 & ON	1
HI038	S2899L15.0	CIRCUIT BREAKER	V82647	(206) 08215 & ON (T206) 08450 & ON	1
HI039	S2899L5.0	CIRCUIT BREAKER - COMM 1	V82647	(T206) 09001 - 09257	01
HI040	S2899L15.0	CIRCUIT BREAKER - NAV 1/ENG	V82647	(T206) 09001 - 09257	01
HI041	S2899L10.0	CIRCUIT BREAKER - ADC/AHRS	V82647	(T206) 09001 - 09257	01
HI042	S2899L5.0	CIRCUIT BREAKER - PRIMARY FLIGHT DISPLAY	V82647	(T206) 09001 - 09257	01
HI047	S2899L5.0	CIRCUIT BREAKER - AUTOPILOT	V82647	(T206) 09001 - 09257	01
HI048	S2899L5.0	CIRCUIT BREAKER - TRANSPONDER	V82647	(T206) 09001 - 09257	01
HI049	S2899L5.0	CIRCUIT BREAKER - AUDIO	V82647	(T206) 09001 - 09257	01
HI050	S2899L5.0	CIRCUIT BREAKER - COMM 2	V82647	(T206) 09001 - 09257	01
HI051	S2899L5.0	CIRCUIT BREAKER - NAV 2	V82647	(T206) 09001 - 09257	01
HI052	S2899L5.0	CIRCUIT BREAKER - MULTI-FUNCTION DISPLAY	V82647	(T206) 09001 - 09257	01
HI065	S1360-5L	CIRCUIT BREAKER		(T206) 09001 - 09257	01
HI066	S1360-5L	CIRCUIT BREAKER		(T206) 09001 - 09257	01
JC023	S2350-10	CONNECTOR - AVIONIC CIRCUIT BREAKER DISCONNECT		(T206) 09001 - 09257	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
	S2353-7	. PIN			AR
JC024	S2350-4	CONNECTOR - ELECTRICAL CIRCUIT BREAKER PANEL DISCONNECT (ZONE 120)	V00779	(T206) 09001 - 09257	01
	S2353-4	. PIN			01
	S2353-5	. PIN			01
JC025	S2350-3	RECEPTACLE - SWITCH PANEL DISCONNECT		(T206) 09001 - 09257	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
	S3373-1	. CONTACT			AR
	S2353-6	. PIN			05
PC023	S2349-5	CONNECTOR		(T206) 09001 - 09257	01
	S2099-3	. CONTACT			06
	S2099-4	. CONTACT	V00779		17
PC024	S2349-3	CONNECTOR - ELECTRICAL CIRCUIT BREAKER PANEL DISCONNECT		(T206) 09001 - 09257	01
	S2099-3	. CONTACT			03
	S2099-4	. CONTACT	V00779		06
PC025	S3373-2	CONNECTOR - CIRCUIT BREAKER/SWITCH PANEL DISCONNECT		(T206) 09001 - 09257	01
	S2099-13	. CONTACT			06
	S2099-3	. CONTACT			02
	S2099-4	. CONTACT	V00779		05
	S2349-1	. PLUG	V00779		01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 06 : Sheet 01 : CIRCUIT BREAKER PANEL



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

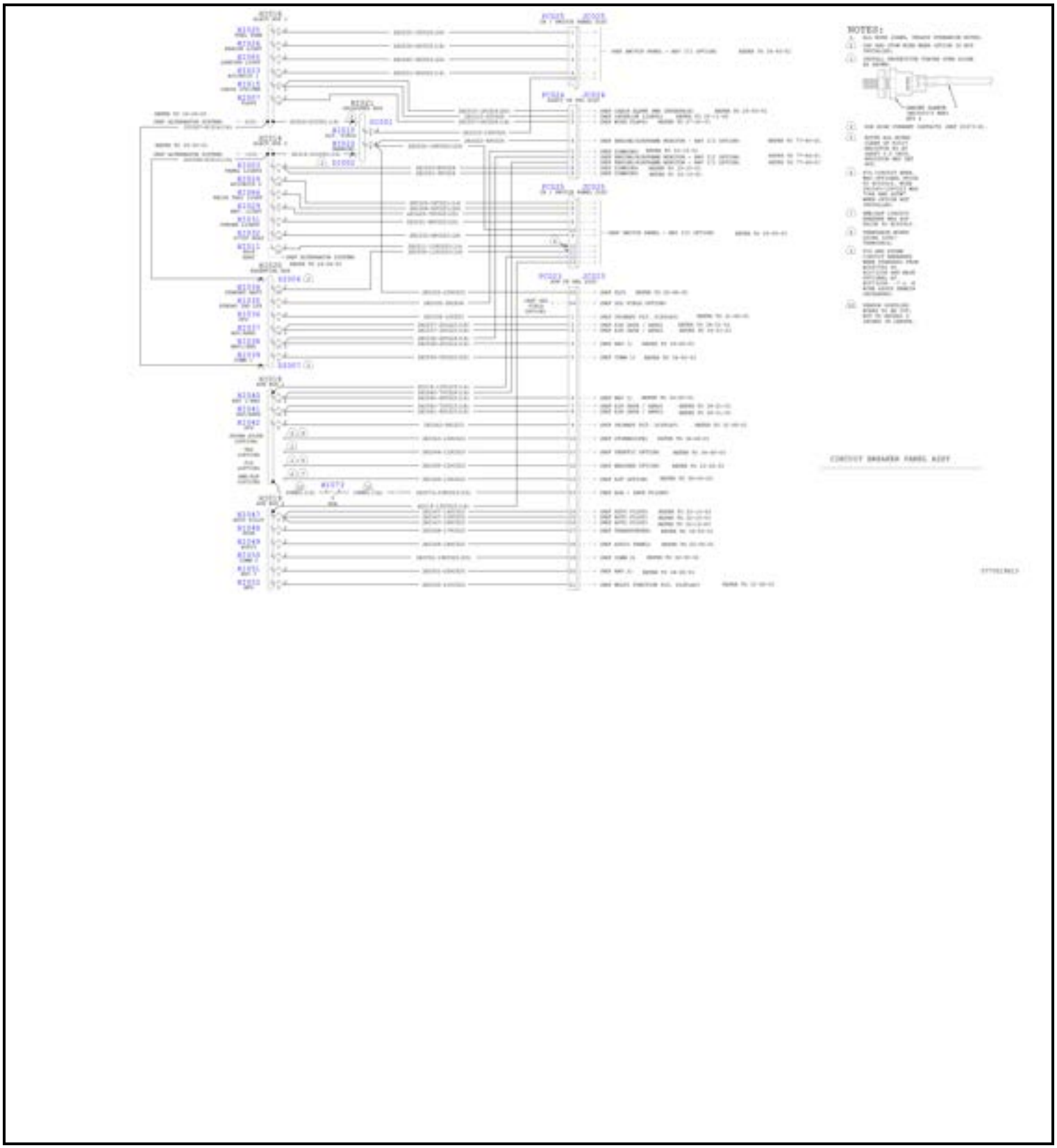
CIRCUIT BREAKER PANEL

AIRPLANES (T206) 09258 THRU 09638

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
DI001	1N6391	DIODE (ZONE 224) * AIRPLANES (206) 08001 & ON INCORPORATING SB06-24-05 * AIRPLANES (T206) 08001 & ON INCORPORATING SB06-24-05		(206) *08001 & ON (T206) *08001 & ON	01
DI002	1N6391	DIODE (ZONE 224) * AIRPLANES (206) 08001 & ON INCORPORATING SB06-24-05 * AIRPLANES (T206) 08001 & ON INCORPORATING SB06-24-05		(206) *08001 & ON (T206) *08001 & ON	01
DI006	1N6391	DIODE		(T206) 09258 - 09638	01
DI007	1N6391	DIODE		(T206) 09258 - 09638	01
HI003	S1360-5L	CIRCUIT BREAKER		(T206) 09258 - 09638	01
HI007	S1360-10L	CIRCUIT BREAKER - FLAPS (ZONE 224)		(T206) 09258 - 09638	01
HI010	S1360-5L	CIRCUIT BREAKER - ALTERNATOR FIELD (ZONE 224)		(T206) 09258 - 09638	01
HI011	S1360-20L	CIRCUIT BREAKER - PROPELLER HEAT (ZONE 224)		(206) 08215 & ON (T206) 08001 & ON	01
HI015	S1360-5L	CIRCUIT BREAKER - CABIN LIGHTS/POWER (ZONE 224)		(T206) 09258 - 09638	01
HI022	S1360-5L	CIRCUIT BREAKER - WARNING (ZONE 224)		(T206) 09258 - 09638	01
HI023	S1360-15L	CIRCUIT BREAKER - AVIONICS (ZONE 224)		(T206) 09258 - 09638	01
HI024	S1360-15L	CIRCUIT BREAKER - AVIONICS (ZONE 224)		(T206) 09258 - 09638	01
HI025	S1360-5L	CIRCUIT BREAKER - FUEL PUMP		(T206) 09258 - 09638	01
HI026	S1360-5L	CIRCUIT BREAKER - BEACON LIGHT		(T206) 09258 - 09638	01
HI029	S1360-5L	CIRCUIT BREAKER - NAVIGATION LIGHT		(T206) 09258 - 09638	01
HI031	S1360-5L	CIRCUIT BREAKER - STROBE LIGHT		(T206) 09258 - 09638	01
HI032	S1360-10L	CIRCUIT BREAKER - PITOT HEAT		(T206) 09258 - 09638	01
HI034	S2899L20.0	CIRCUIT BREAKER		(206) 08125 & ON (T206) 08450 & ON	01
HI035	S2899L5.0	CIRCUIT BREAKER - STANDBY INDICATOR LIGHTS	V82647	(T206) 09258 - 09638	01
HI036	S2899L5.0	CIRCUIT BREAKER - PRIMARY FLIGHT DISPLAY	V82647	(T206) 09258 - 09638	01
HI037	S2899L10.0	CIRCUIT BREAKER	V82647	(206) 08215 & ON (T206) 08450 & ON	1
HI038	S2899L15.0	CIRCUIT BREAKER	V82647	(206) 08215 & ON (T206) 08450 & ON	1
HI039	S2899L5.0	CIRCUIT BREAKER - COMM 1	V82647	(T206) 09258 - 09638	01
HI040	S2899L15.0	CIRCUIT BREAKER - NAV 1/ENG	V82647	(T206) 09258 - 09638	01
HI041	S2899L10.0	CIRCUIT BREAKER - ADC/AHRS	V82647	(T206) 09258 - 09638	01
HI042	S2899L5.0	CIRCUIT BREAKER - PRIMARY FLIGHT DISPLAY	V82647	(T206) 09258 - 09638	01
HI047	S2899L5.0	CIRCUIT BREAKER - AUTOPILOT	V82647	(T206) 09258 - 09638	01
HI048	S2899L5.0	CIRCUIT BREAKER - TRANSPONDER	V82647	(T206) 09258 - 09638	01
HI049	S2899L5.0	CIRCUIT BREAKER - AUDIO	V82647	(T206) 09258 - 09638	01
HI050	S2899L5.0	CIRCUIT BREAKER - COMM 2	V82647	(T206) 09258 - 09638	01
HI051	S2899L5.0	CIRCUIT BREAKER - NAV 2	V82647	(T206) 09258 - 09638	01
HI052	S2899L5.0	CIRCUIT BREAKER - MULTI-FUNCTION DISPLAY	V82647	(T206) 09258 - 09638	01
HI065	S1360-5L	CIRCUIT BREAKER		(T206) 09258 - 09638	01
HI066	S1360-5L	CIRCUIT BREAKER		(T206) 09258 - 09638	01
HI073	ATM-5	FUSE	V71400	(T206) 09258 - 09638	01
JC023	S2350-10	CONNECTOR - AVIONIC CIRCUIT BREAKER DISCONNECT		(T206) 09258 - 09638	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
	S2353-7	. PIN			AR
JC024	S2350-4	CONNECTOR - ELECTRICAL CIRCUIT BREAKER PANEL DISCONNECT (ZONE 120)	V00779	(T206) 09258 - 09638	01
	S2353-4	. PIN			01
	S2353-5	. PIN			01
JC025	S2350-3	RECEPTACLE - SWITCH PANEL DISCONNECT		(T206) 09258 - 09638	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
	S3373-1	. CONTACT			AR
	S2353-6	. PIN			05
PC023	S2349-5	CONNECTOR		(T206) 09258 - 09638	01
	S2099-3	. CONTACT			06
	S2099-4	. CONTACT	V00779		17
PC024	S2349-3	CONNECTOR - ELECTRICAL CIRCUIT BREAKER PANEL DISCONNECT		(T206) 09258 - 09638	01
	S2099-3	. CONTACT			03
	S2099-4	. CONTACT	V00779		06
PC025	S3373-2	CONNECTOR - CIRCUIT BREAKER/SWITCH PANEL DISCONNECT		(T206) 09258 - 09638	01
	S2099-13	. CONTACT			06
	S2099-3	. CONTACT			02
	S2099-4	. CONTACT	V00779		05
	S2349-1	. PLUG	V00779		01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 07 : Sheet 01 : CIRCUIT BREAKER PANEL



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

CIRCUIT BREAKER PANEL

AIRPLANES (T206) 09639 THRU 09741 AND 09743 THRU 09756

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
DI001	1N6391	DIODE		(T206) 09639 - 09741 (T206) 09743 - 09756	01
DI002	1N6391	DIODE		(T206) 09639 - 09741 (T206) 09743 - 09756	01
DI006	1N6391	DIODE		(T206) 09639 - 09741 (T206) 09743 - 09756	01
DI007	1N6391	DIODE		(T206) 09639 - 09741 (T206) 09743 - 09756	01
HI003	S1360-5L	CIRCUIT BREAKER		(T206) 09639 - 09741 (T206) 09743 - 09756	01
HI007	S1360-10L	CIRCUIT BREAKER - FLAPS (ZONE 224)		(T206) 09639 - 09741 (T206) 09743 - 09756	01
HI010	S1360-5L	CIRCUIT BREAKER - ALTERNATOR FIELD (ZONE 224)		(T206) 09639 - 09741 (T206) 09743 - 09756	01
HI011	S1360-20L	CIRCUIT BREAKER - PROPELLER HEAT (ZONE 224)		(206) 08215 & ON (T206) 08001 & ON	01
HI015	S1360-5L	CIRCUIT BREAKER - CABIN LIGHTS/POWER (ZONE 224)		(T206) 09639 - 09741 (T206) 09743 - 09756	01
HI022	S1360-5L	CIRCUIT BREAKER - WARNING (ZONE 224)		(T206) 09639 - 09741 (T206) 09743 - 09756	01
HI023	S1360-15L	CIRCUIT BREAKER - AVIONICS (ZONE 224)		(T206) 09639 - 09741 (T206) 09743 - 09756	01
HI024	S1360-15L	CIRCUIT BREAKER - AVIONICS (ZONE 224)		(T206) 09639 - 09741 (T206) 09743 - 09756	01
HI025	S1360-5L	CIRCUIT BREAKER - FUEL PUMP		(T206) 09639 - 09741 (T206) 09743 - 09756	01
HI026	S1360-5L	CIRCUIT BREAKER - BEACON LIGHT		(T206) 09639 - 09741 (T206) 09743 - 09756	01
HI029	S1360-5L	CIRCUIT BREAKER - NAVIGATION LIGHT		(T206) 09639 - 09741 (T206) 09743 - 09756	01
HI031	S1360-5L	CIRCUIT BREAKER - STROBE LIGHT		(T206) 09639 - 09741 (T206) 09743 - 09756	01
HI032	S1360-10L	CIRCUIT BREAKER - PITOT HEAT		(T206) 09639 - 09741 (T206) 09743 - 09756	01
HI034	S2899L20.0	CIRCUIT BREAKER		(T206) 09639 - 09741 (T206) 09743 - 09756	01
HI035	S2899L5.0	CIRCUIT BREAKER - STANDBY INDICATOR LIGHTS	V82647	(T206) 09639 - 09741 (T206) 09743 - 09756	01
HI036	S2899L5.0	CIRCUIT BREAKER - PRIMARY FLIGHT DISPLAY	V82647	(T206) 09639 - 09741 (T206) 09743 - 09756	01
HI037	S2899L10.0	CIRCUIT BREAKER	V82647	(T206) 09639 - 09741 (T206) 09743 - 09756	01
HI038	S2899L15.0	CIRCUIT BREAKER	V82647	(T206) 09639 - 09741 (T206) 09743 - 09756	01
HI039	S2899L5.0	CIRCUIT BREAKER - COMM 1	V82647	(T206) 09639 - 09741 (T206) 09743 - 09756	01
HI040	S2899L15.0	CIRCUIT BREAKER - NAV 1/ENG	V82647	(T206) 09639 - 09741 (T206) 09743 - 09756	01
HI041	S2899L10.0	CIRCUIT BREAKER - ADC/AHRS	V82647	(T206) 09639 - 09741 (T206) 09743 - 09756	01
HI042	S2899L5.0	CIRCUIT BREAKER - PRIMARY FLIGHT DISPLAY	V82647	(T206) 09639 - 09741 (T206) 09743 - 09756	01
HI047	S2899L5.0	CIRCUIT BREAKER - AUTOPILOT	V82647	(T206) 09639 - 09741 (T206) 09743 - 09756	01
HI048	S2899L5.0	CIRCUIT BREAKER - TRANSPONDER	V82647	(T206) 09639 - 09741 (T206) 09743 - 09756	01
HI049	S2899L5.0	CIRCUIT BREAKER - AUDIO	V82647	(T206) 09639 - 09741 (T206) 09743 - 09756	01
HI050	S2899L5.0	CIRCUIT BREAKER - COMM 2	V82647	(T206) 09639 - 09741 (T206) 09743 - 09756	01
HI051	S2899L5.0	CIRCUIT BREAKER - NAV 2	V82647	(T206) 09639 - 09741 (T206) 09743 - 09756	01
HI052	S2899L5.0	CIRCUIT BREAKER - MULTI-FUNCTION DISPLAY	V82647	(T206) 09639 - 09741 (T206) 09743 - 09756	01
HI065	S1360-5L	CIRCUIT BREAKER		(T206) 09639 - 09741 (T206) 09743 - 09756	01
HI066	S1360-5L	CIRCUIT BREAKER		(T206) 09639 - 09741 (T206) 09743 - 09756	01
HI067	S2899L5.0	CIRCUIT BREAKER	V82647	(T206) 09639 - 09741 (T206) 09743 - 09756	01
HI073	ATM-5	FUSE	V71400	(T206) 09639 - 09741 (T206) 09743 - 09756	01
JC023	S2350-10	CONNECTOR - AVIONIC CIRCUIT BREAKER DISCONNECT		(T206) 09639 - 09741 (T206) 09743 - 09756	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

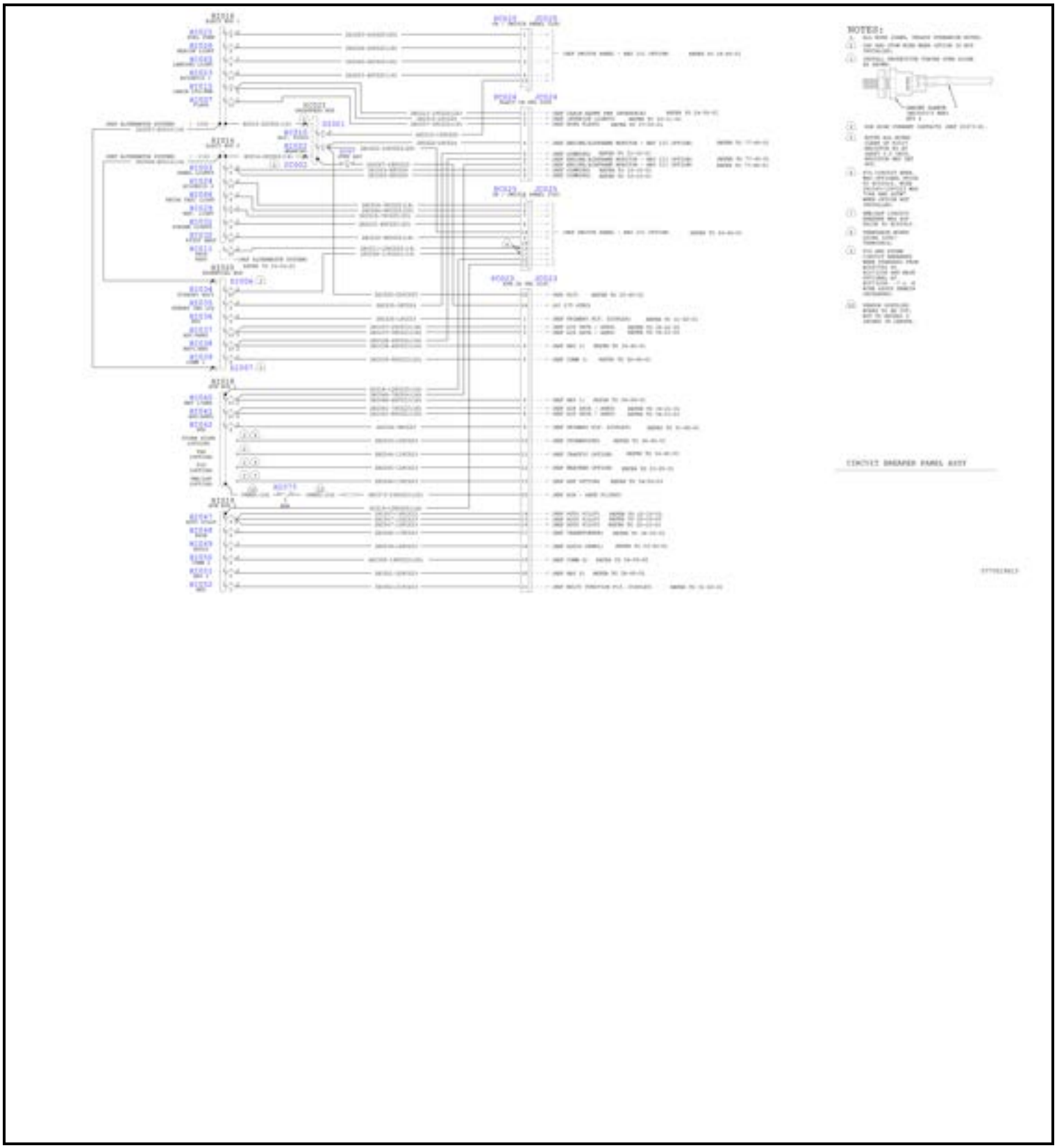
CIRCUIT BREAKER PANEL

AIRPLANES (T206) 09639 THRU 09741 AND 09743 THRU 09756

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
	S2353-7	. PIN			AR
JC024	S2350-4	CONNECTOR - ELECTRICAL CIRCUIT BREAKER PANEL DISCONNECT (ZONE 120)	V00779	(T206) 09639 - 09741 (T206) 09743 - 09756	01
	S2353-4	. PIN			01
	S2353-5	. PIN			01
JC025	S2350-3	RECEPTACLE - SWITCH PANEL DISCONNECT		(T206) 09639 - 09741 (T206) 09743 - 09756	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
	S3373-1	. CONTACT			AR
	S2353-6	. PIN			05
PC023	S2349-5	CONNECTOR		(T206) 09639 - 09741 (T206) 09743 - 09756	01
	S2099-3	. CONTACT			06
	S2099-4	. CONTACT	V00779		17
PC024	S2349-3	CONNECTOR - ELECTRICAL CIRCUIT BREAKER PANEL DISCONNECT		(T206) 09639 - 09741 (T206) 09743 - 09756	01
	S2099-3	. CONTACT			03
	S2099-4	. CONTACT	V00779		06
PC025	S3373-2	CONNECTOR - CIRCUIT BREAKER/SWITCH PANEL DISCONNECT		(T206) 09639 - 09741 (T206) 09743 - 09756	01
	S2099-13	. CONTACT			06
	S2099-3	. CONTACT			02
	S2099-4	. CONTACT	V00779		05
	S2349-1	. PLUG	V00779		01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 08 : Sheet 01 : CIRCUIT BREAKER PANEL



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

CIRCUIT BREAKER PANEL

AIRPLANES (T206) 09742 AND 09757 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
DI001	1N6391	DIODE		(T206) 09742 - 09742 (T206) 09757 & ON	01
DI002	1N6391	DIODE		(T206) 09742 - 09742 (T206) 09757 & ON	01
DI006	1N6391	DIODE		(T206) 09742 - 09742 (T206) 09757 & ON	01
DI007	1N6391	DIODE		(T206) 09742 - 09742 (T206) 09757 & ON	01
HI003	S1360-5L	CIRCUIT BREAKER		(T206) 09742 - 09742 (T206) 09757 & ON	01
HI007	S1360-10L	CIRCUIT BREAKER - FLAPS (ZONE 224)		(T206) 09742 - 09742 (T206) 09757 & ON	01
HI010	S1360-5L	CIRCUIT BREAKER - ALTERNATOR FIELD (ZONE 224)		(T206) 09742 - 09742 (T206) 09757 & ON	01
HI011	S1360-20L	CIRCUIT BREAKER - PROPELLER HEAT (ZONE 224)		(206) 08215 & ON (T206) 08001 & ON	01
HI015	S1360-5L	CIRCUIT BREAKER - CABIN LIGHTS/POWER (ZONE 224)		(T206) 09742 - 09742 (T206) 09757 & ON	01
HI022	S1360-5L	CIRCUIT BREAKER - WARNING (ZONE 224)		(T206) 09742 - 09742 (T206) 09757 & ON	01
HI023	S1360-15L	CIRCUIT BREAKER - AVIONICS (ZONE 224)		(T206) 09742 - 09742 (T206) 09757 & ON	01
HI024	S1360-15L	CIRCUIT BREAKER - AVIONICS (ZONE 224)		(T206) 09742 - 09742 (T206) 09757 & ON	01
HI025	S1360-5L	CIRCUIT BREAKER - FUEL PUMP		(T206) 09742 - 09742 (T206) 09757 & ON	01
HI026	S1360-5L	CIRCUIT BREAKER - BEACON LIGHT		(T206) 09742 - 09742 (T206) 09757 & ON	01
HI029	S1360-5L	CIRCUIT BREAKER - NAVIGATION LIGHT		(T206) 09742 - 09742 (T206) 09757 & ON	01
HI031	S1360-5L	CIRCUIT BREAKER - STROBE LIGHT		(T206) 09742 - 09742 (T206) 09757 & ON	01
HI032	S1360-10L	CIRCUIT BREAKER - PITOT HEAT		(T206) 09742 - 09742 (T206) 09757 & ON	01
HI034	S2899L20.0	CIRCUIT BREAKER		(T206) 09742 - 09742 (T206) 09757 & ON	01
HI035	S2899L5.0	CIRCUIT BREAKER - STANDBY INDICATOR LIGHTS	V82647	(T206) 09742 - 09742 (T206) 09757 & ON	01
HI036	S2899L5.0	CIRCUIT BREAKER - PRIMARY FLIGHT DISPLAY	V82647	(T206) 09742 - 09742 (T206) 09757 & ON	01
HI037	S2899L10.0	CIRCUIT BREAKER	V82647	(T206) 09742 - 09742 (T206) 09757 & ON	01
HI038	S2899L15.0	CIRCUIT BREAKER	V82647	(T206) 09742 - 09742 (T206) 09757 & ON	01
HI039	S2899L5.0	CIRCUIT BREAKER - COMM 1	V82647	(T206) 09742 - 09742 (T206) 09757 & ON	01
HI040	S2899L15.0	CIRCUIT BREAKER - NAV 1/ENG	V82647	(T206) 09742 - 09742 (T206) 09757 & ON	01
HI041	S2899L10.0	CIRCUIT BREAKER - ADC/AHRS	V82647	(T206) 09742 - 09742 (T206) 09757 & ON	01
HI042	S2899L5.0	CIRCUIT BREAKER - PRIMARY FLIGHT DISPLAY	V82647	(T206) 09742 - 09742 (T206) 09757 & ON	01
HI047	S2899L5.0	CIRCUIT BREAKER - AUTOPILOT	V82647	(T206) 09742 - 09742 (T206) 09757 & ON	01
HI048	S2899L5.0	CIRCUIT BREAKER - TRANSPONDER	V82647	(T206) 09742 - 09742 (T206) 09757 & ON	01
HI049	S2899L5.0	CIRCUIT BREAKER - AUDIO	V82647	(T206) 09742 - 09742 (T206) 09757 & ON	01
HI050	S2899L5.0	CIRCUIT BREAKER - COMM 2	V82647	(T206) 09742 - 09742 (T206) 09757 & ON	01
HI051	S2899L5.0	CIRCUIT BREAKER - NAV 2	V82647	(T206) 09742 - 09742 (T206) 09757 & ON	01
HI052	S2899L5.0	CIRCUIT BREAKER - MULTI-FUNCTION DISPLAY	V82647	(T206) 09742 - 09742 (T206) 09757 & ON	01
HI065	S1360-5L	CIRCUIT BREAKER		(T206) 09742 - 09742 (T206) 09757 & ON	01
HI066	S1360-5L	CIRCUIT BREAKER		(T206) 09742 - 09742 (T206) 09757 & ON	01
HI067	S2899L5.0	CIRCUIT BREAKER	V82647	(T206) 09742 - 09742 (T206) 09757 & ON	01
HI073	ATM-5	FUSE	V71400	(T206) 09742 - 09742 (T206) 09757 & ON	01
HI074	ATM-5	FUSE	V71400	(T206) 09742 - 09742 (T206) 09757 & ON	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

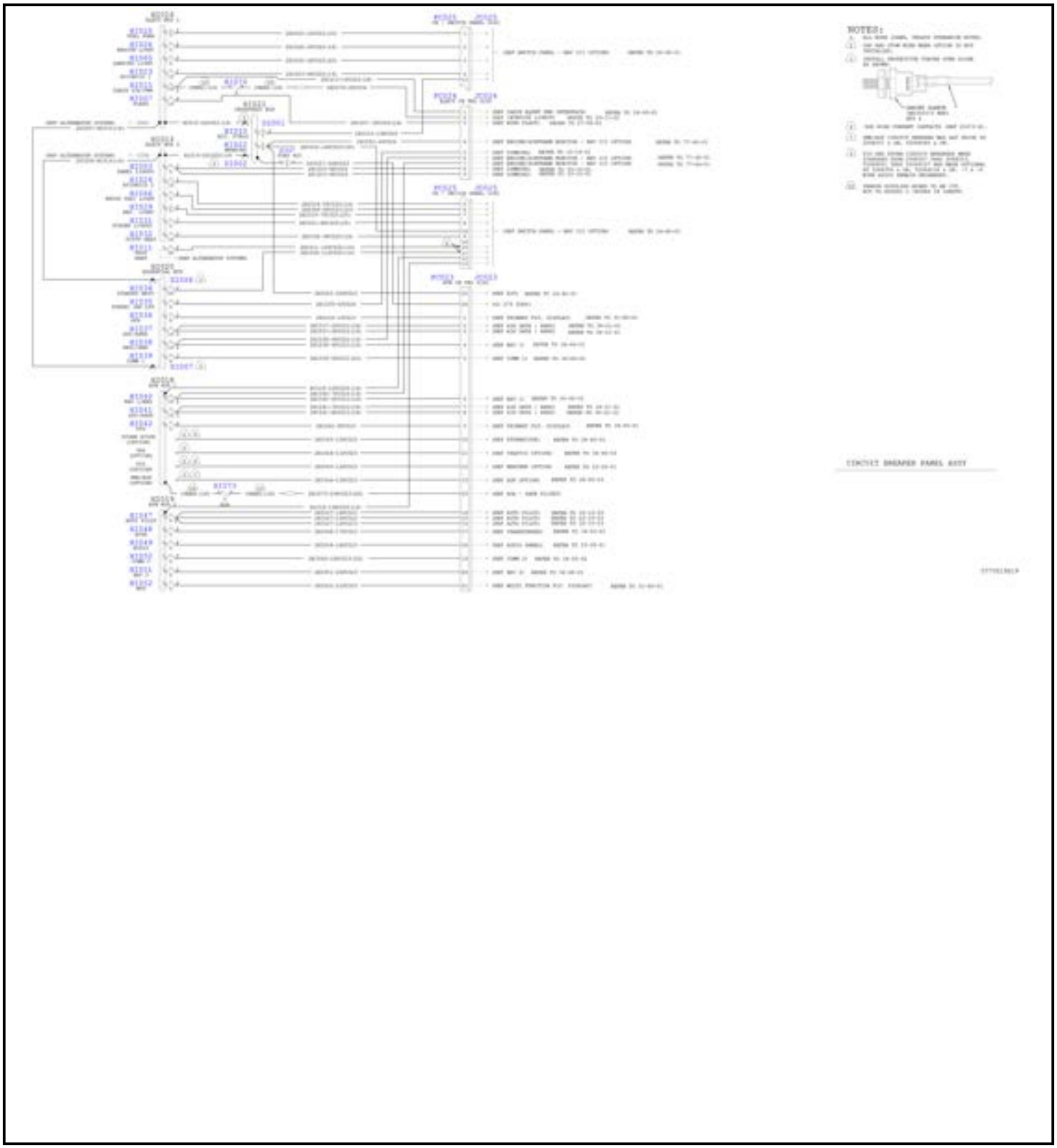
CIRCUIT BREAKER PANEL

AIRPLANES (T206) 09742 AND 09757 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
JC023	S2350-10	CONNECTOR - AVIONIC CIRCUIT BREAKER DISCONNECT		(T206) 09742 - 09742 (T206) 09757 & ON	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
	S2353-7	. PIN			AR
JC024	S2350-4	CONNECTOR - ELECTRICAL CIRCUIT BREAKER PANEL DISCONNECT (ZONE 120)	V00779	(T206) 09742 - 09742 (T206) 09757 & ON	01
	S2353-4	. PIN			01
	S2353-5	. PIN			01
JC025	S2350-3	RECEPTACLE - SWITCH PANEL DISCONNECT		(T206) 09742 - 09742 (T206) 09757 & ON	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
	S3373-1	. CONTACT			AR
	S2353-6	. PIN			05
PC023	S2349-5	CONNECTOR		(T206) 09742 - 09742 (T206) 09757 & ON	01
	S2099-3	. CONTACT			06
	S2099-4	. CONTACT	V00779		17
PC024	S2349-3	CONNECTOR - ELECTRICAL CIRCUIT BREAKER PANEL DISCONNECT		(T206) 09742 - 09742 (T206) 09757 & ON	01
	S2099-3	. CONTACT			03
	S2099-4	. CONTACT	V00779		06
PC025	S3373-2	CONNECTOR - CIRCUIT BREAKER/SWITCH PANEL DISCONNECT		(T206) 09742 - 09742 (T206) 09757 & ON	01
	S2099-13	. CONTACT			06
	S2099-3	. CONTACT			02
	S2099-4	. CONTACT	V00779		05
	S2349-1	. PLUG	V00779		01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 09 : Sheet 01 : CIRCUIT BREAKER PANEL



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

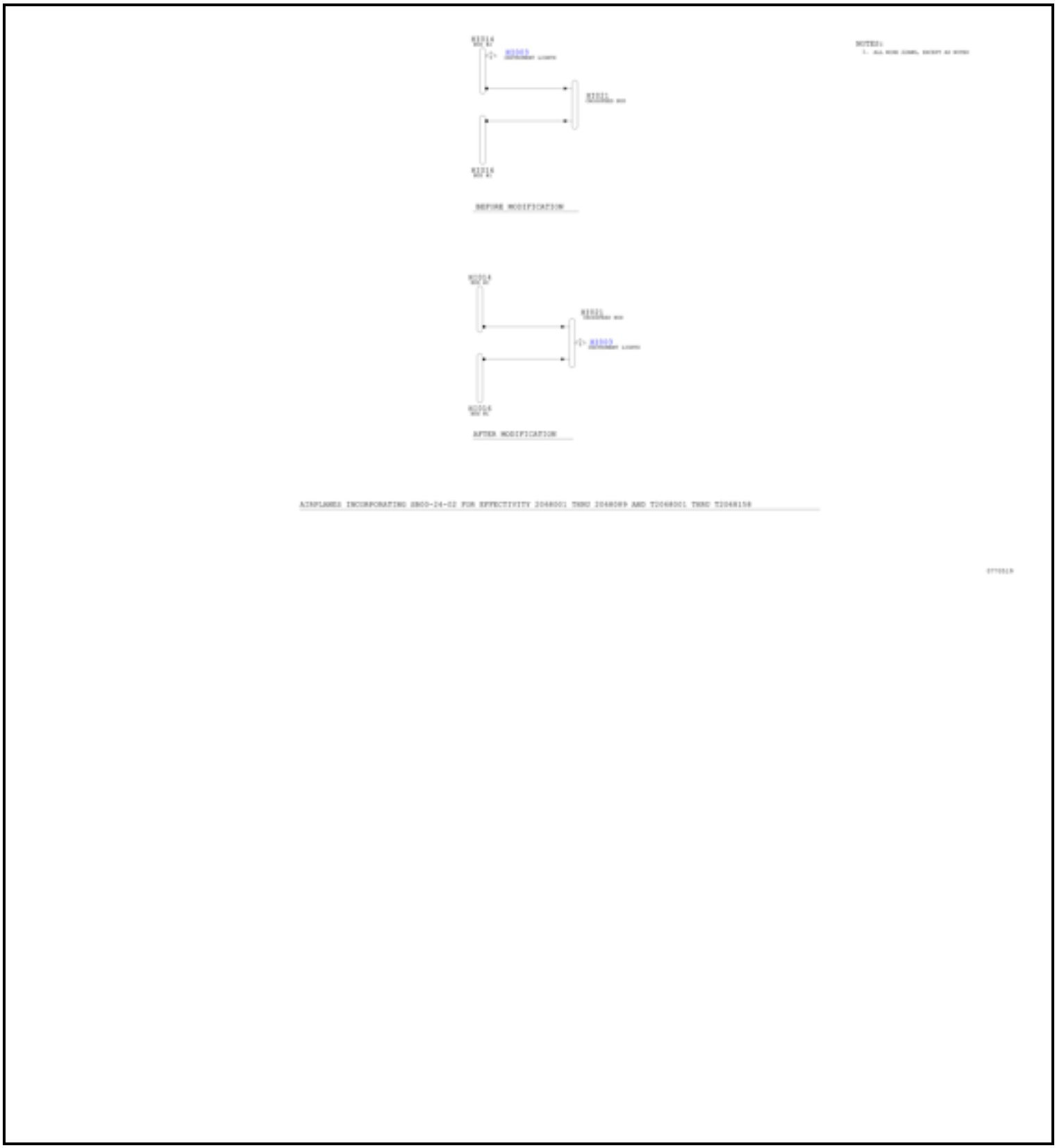
CIRCUIT BREAKER PANEL

AIRPLANES (206) 08001 THRU 08089 INCORPORATING SB00-24-02 AND AIRPLANES (T206) 08001 THRU 08158 INCORPORATING SB00-24-02

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	EFFECTIVITY	UNITS PER ASSY
HI003	S1360-5L	CIRCUIT BREAKER	(206) 08001 - 08089 (T206) 08001 - 08158	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 10 : Sheet 01 : CIRCUIT BREAKER PANEL



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

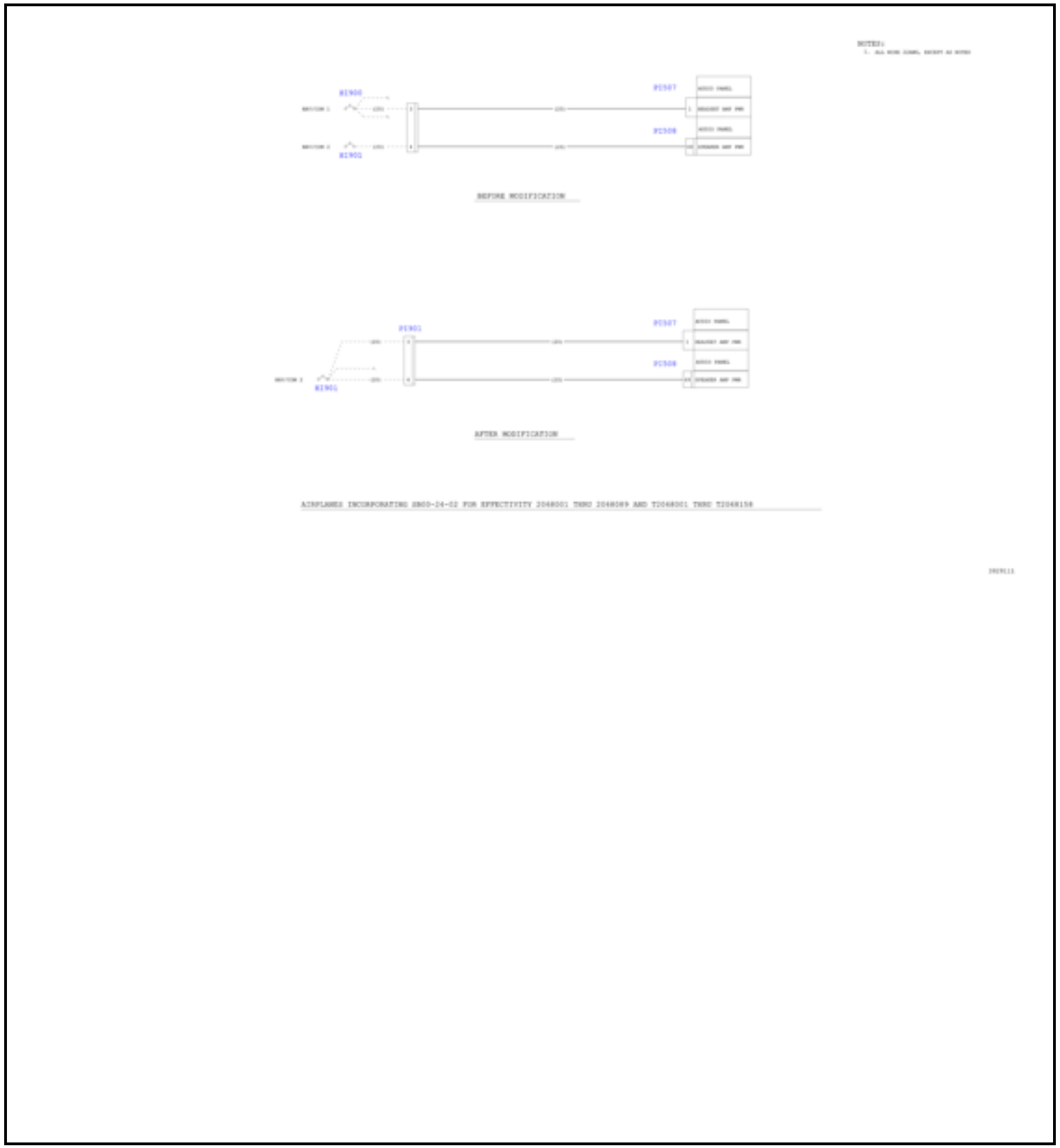
CIRCUIT BREAKER PANEL

AIRPLANES (206) 08001 & ON AND AIRPLANES (T206) 08001 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
HI900	1610-128-080A7	CIRCUIT BREAKER - NAV/COMM 1 (ZONE 224)	V76374	(206) 08001 - 08350 (T206) 08001 - 09076	01
HI901	1610-128-080A7	CIRCUIT BREAKER - NAV/COMM 2 (ZONE 224) * AIRPLANES (206) 08001 THRU 08089 INCORPORATING SB00-24-02	V76374	(206) *08001 - 08089 (T206) 08001 - 08158	01
PI507	030-01176-0001	CONNECTOR - AUDIO PANEL (ZONE 225) * AIRPLANES (206) 08001 THRU 08089 INCORPORATING SB00-24-02	V22373	(206) *08001 - 08089 (T206) 08001 - 08158	01
PI508	030-01176-0001	CONNECTOR - AUDIO PANEL (ZONE 225) * AIRPLANES (206) 08001 THRU 08089 INCORPORATING SB00-24-02	V22373	(206) *08001 - 08089 (T206) 08001 - 08158	01
PI901	S2349-1	PLUG - AVIONICS CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)	V00779	(206) 08001 - 08350 (T206) 08001 - 09076	01
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 11 : Sheet 01 : CIRCUIT BREAKER PANEL



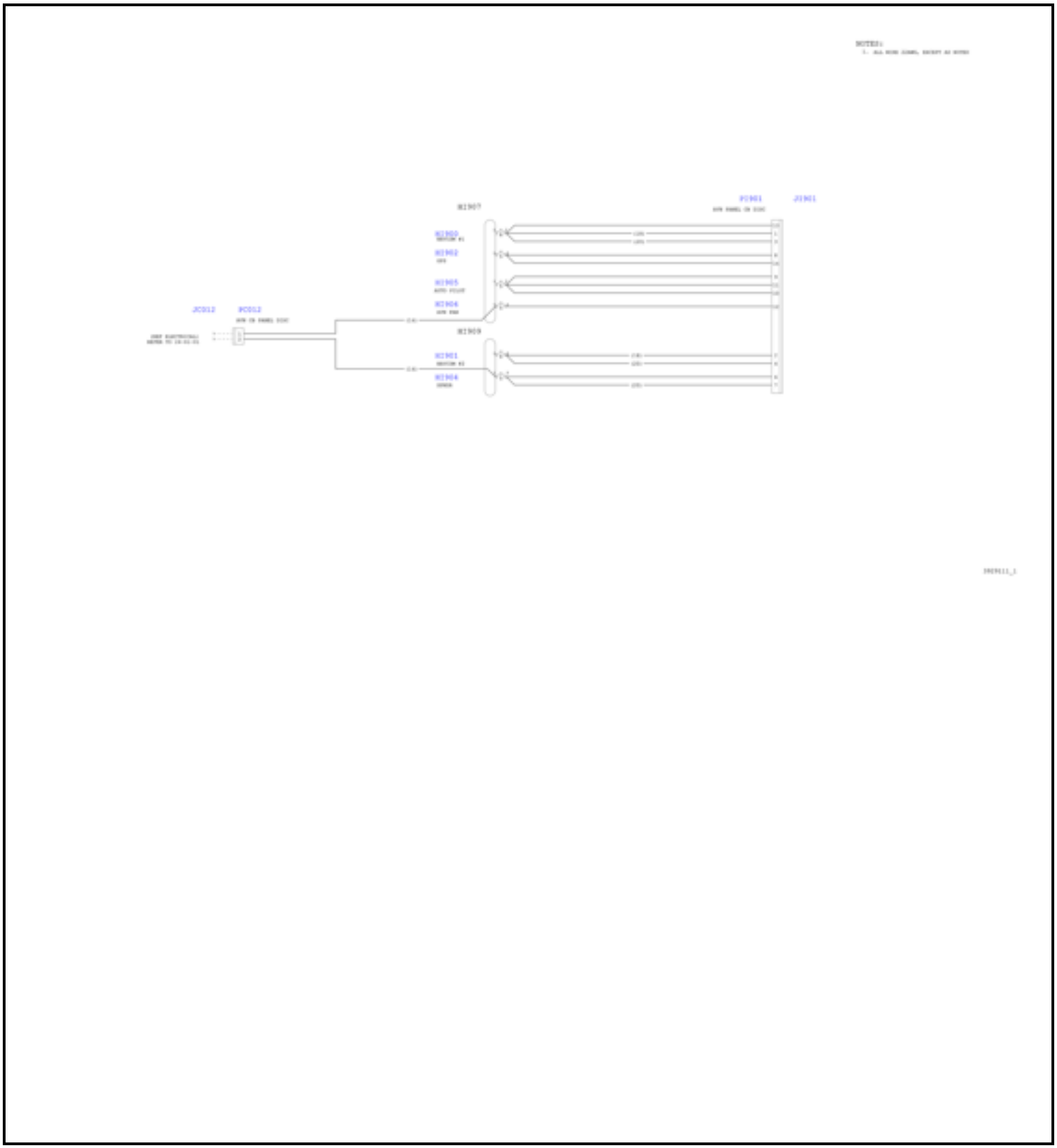
AVIONICS CIRCUIT BREAKER PANEL

AIRPLANES (206) 08001 THRU 08138 AND AIRPLANES (T206) 08001 THRU 08259

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
HI900	1610-128-080A7	CIRCUIT BREAKER - NAV/COMM 1 (ZONE 224)	V76374	(206) 08001 - 08350 (T206) 08001 - 09076	01
HI901	1610-128-080A7	CIRCUIT BREAKER - NAV/COMM 2 (ZONE 224) * AIRPLANES (206) 08001 THRU 08089 INCORPORATING SB00-24-02	V76374	(206) *08001 - 08089 (T206) 08001 - 08158	01
HI902	1610-128-050A7	CIRCUIT BREAKER - GPS (ZONE 224)	V76374	(206) 08001 - 08138 (T206) 08001 - 08259	01
HI904	1610-128-050A7	CIRCUIT BREAKER - TRANSPONDER (ZONE 224)	V76374	(206) 08001 - 08138 (T206) 08001 - 08259	01
HI905	1610-128-050A7	CIRCUIT BREAKER - AUTOPILOT (ZONE 224)	V76374	(206) 08001 - 08138 (T206) 08001 - 08259	01
HI906	1610-128-050A7	CIRCUIT BREAKER - AVIONIC FAN (ZONE 224)	V76374	(206) 08001 - 08138 (T206) 08001 - 08259	01
JC012	S2035-2	CONNECTOR - AVIONICS CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)	V00779	(206) 08001 - 08138 (T206) 08001 - 08259	01
	S1636-2	. CONTACT			AR
JI901	S2350-3	RECEPTACLE - AVIONICS CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08001 - 08138 (T206) 08001 - 08259	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PC012	S2035-1	CONNECTOR - AVIONICS CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08001 - 08138 (T206) 08001 - 08259	01
	S1635-1	. CONTACT	V49367		AR
	S1635-2	. PIN			AR
PI901	S2349-1	PLUG - AVIONICS CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)	V00779	(206) 08001 - 08350 (T206) 08001 - 09076	01
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 01 : Sheet 01 : AVIONICS CIRCUIT BREAKER PANEL



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

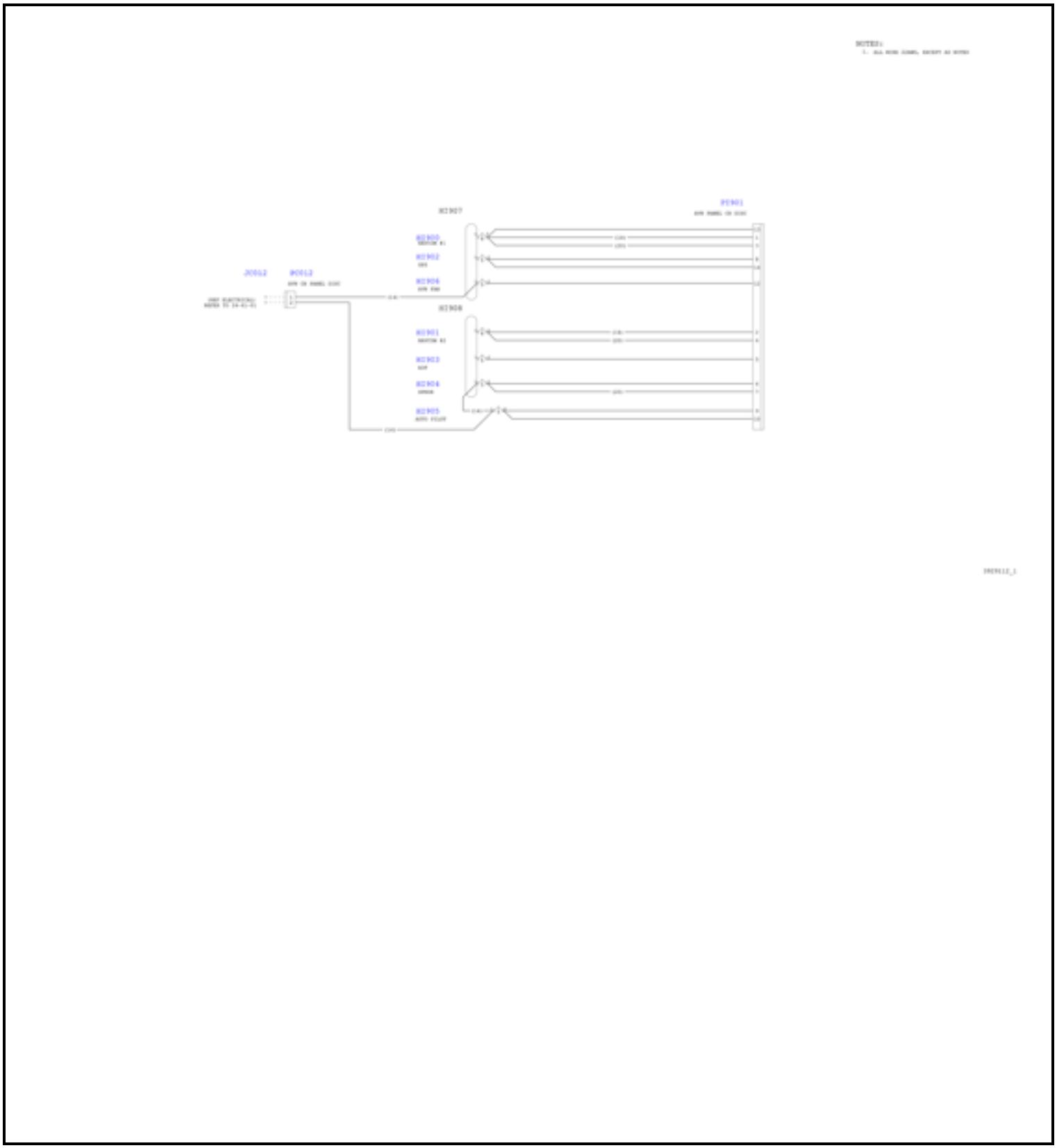
AVIONICS CIRCUIT BREAKER PANEL

AIRPLANES (206) 08001 THRU 08138 WITH NAV I OPTION WITH ADF AND AIRPLANES (T206) 08001 THRU 08259 WITH NAV I OPTION WITH ADF

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
HI900	1610-128-080A7	CIRCUIT BREAKER - NAV/COMM 1 (ZONE 224)	V76374	(206) 08001 - 08350 (T206) 08001 - 09076	01
HI901	1610-128-080A7	CIRCUIT BREAKER - NAV/COMM 2 (ZONE 224) * AIRPLANES (206) 08001 THRU 08089 INCORPORATING SB00-24-02	V76374	(206) *08001 - 08089 (T206) 08001 - 08158	01
HI902	1610-128-050A7	CIRCUIT BREAKER - GPS (ZONE 224)	V76374	(206) 08001 - 08138 (T206) 08001 - 08259	01
HI903	1610-128-050A7	CIRCUIT BREAKER - ADF (ZONE 224)	V76374	(206) 08001 - 08138 (T206) 08001 - 08259	01
HI904	1610-128-050A7	CIRCUIT BREAKER - TRANSPONDER (ZONE 224)	V76374	(206) 08001 - 08138 (T206) 08001 - 08259	01
HI905	1610-128-050A7	CIRCUIT BREAKER - AUTOPILOT (ZONE 224)	V76374	(206) 08001 - 08138 (T206) 08001 - 08259	01
HI906	1610-128-050A7	CIRCUIT BREAKER - AVIONIC FAN (ZONE 224)	V76374	(206) 08001 - 08138 (T206) 08001 - 08259	01
JC012	S2035-2	CONNECTOR - AVIONICS CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)	V00779	(206) 08001 - 08138 (T206) 08001 - 08259	01
	S1636-2	. CONTACT			AR
PC012	S2035-1	CONNECTOR - AVIONICS CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08001 - 08138 (T206) 08001 - 08259	01
	S1635-1	. CONTACT	V49367		AR
	S1635-2	. PIN			AR
PI901	S2349-1	PLUG - AVIONICS CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)	V00779	(206) 08001 - 08350 (T206) 08001 - 09076	01
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 01 : Sheet 01 : AVIONICS CIRCUIT BREAKER PANEL



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

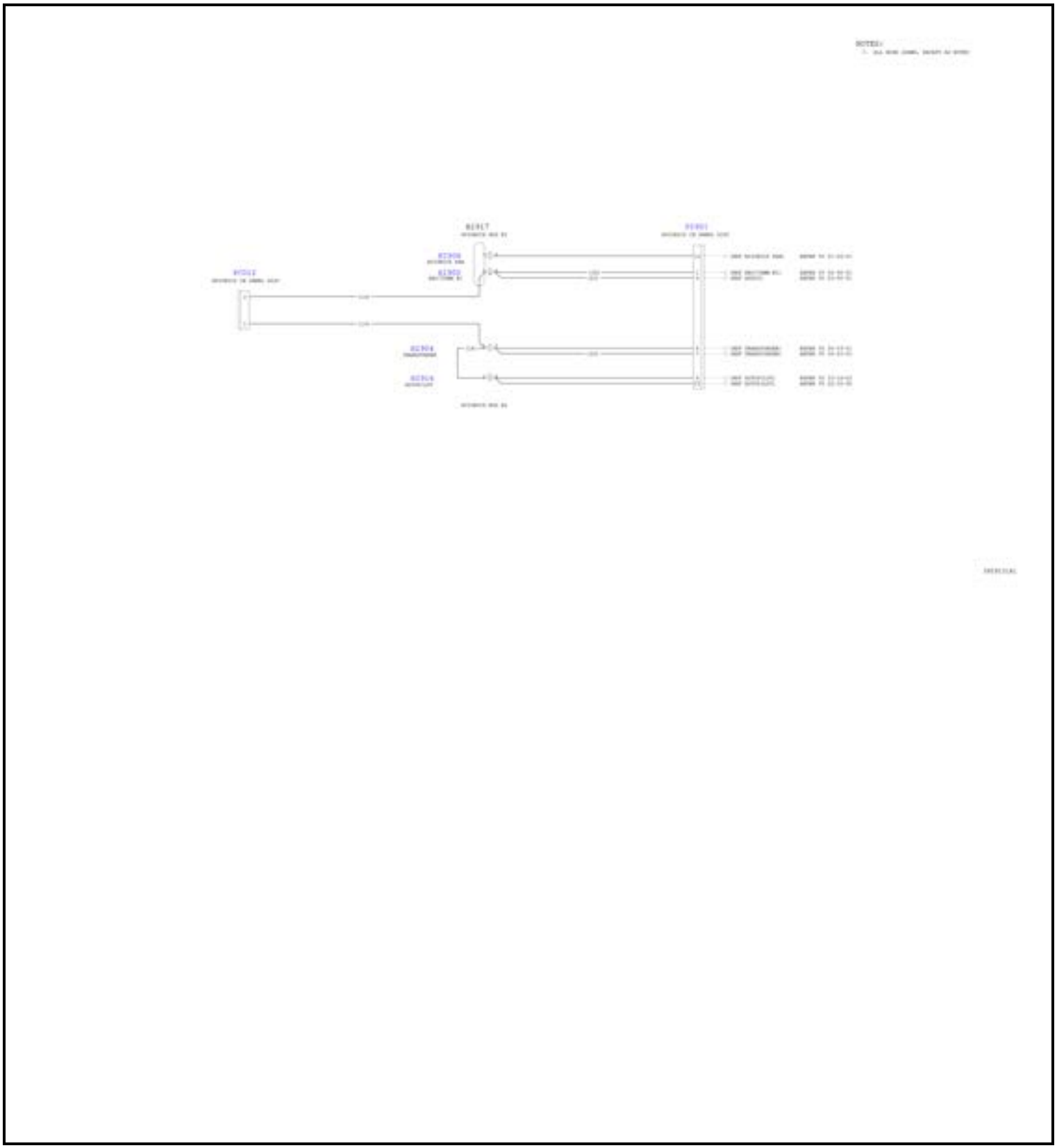
AVIONICS CIRCUIT BREAKER PANEL

AIRPLANES (206) 08139 & ON WITH NAV I OPTION AND AIRPLANES (T206) 08260 & ON WITH NAV I OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
HI900	1610-128-080A7	CIRCUIT BREAKER - NAV/COMM 1 (ZONE 224)	V76374	(206) 08001 - 08350 (T206) 08001 - 09076	01
HI904	1610-128-050A7	CIRCUIT BREAKER - TRANSPONDER (ZONE 224)	V76374	(206) 08139 & ON (T206) 08260 & ON	01
HI906	1610-128-050A7	CIRCUIT BREAKER - AVIONIC FAN (ZONE 224)	V76374	(206) 08139 & ON (T206) 08260 & ON	01
HI916	MS26574-5	CIRCUIT BREAKER - AUTOPILOT	V76374	(206) 08139 & ON (T206) 08260 & ON	01
PC012	S2035-1	CONNECTOR - AVIONICS CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08139 & ON (T206) 08260 & ON	01
	S1635-1	. CONTACT	V49367		AR
	S1635-2	. PIN			AR
PI901	S2349-1	PLUG - AVIONICS CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)	V00779	(206) 08001 - 08350 (T206) 08001 - 09076	01
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 02 : Sheet 01 : AVIONICS CIRCUIT BREAKER PANEL



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

INSTRUMENT DIMMING

AIRPLANES (206) 08001 THRU 08102 AND AIRPLANES (T206) 08001 THRU 08176

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
FC001	MS25237-327	LIGHT - COMPASS (ZONE 210)	V96906	(206) 08001 - 08102 (T206) 08001 - 08176	01
FC006	MS25231-1829	LIGHT ASSEMBLY - LEFT FORWARD SIDEWALL (ZONE 211)		(206) 08001 - 08102 (T206) 08001 - 08176	01
	S2524-1	. SOCKET			01
FI003	MS25231-1829	LIGHT ASSEMBLY - LEFT PEDESTAL (ZONE 211)		(206) 08001 - 08102 (T206) 08001 - 08176	01
	S2524-1	. SOCKET			01
FI004	MS25231-1829	LIGHT ASSEMBLY - RIGHT PEDESTAL (ZONE 211)		(206) 08001 - 08102 (T206) 08001 - 08176	01
	S2524-1	. SOCKET			01
FI005	MS25231-1829	LIGHT ASSEMBLY - LOWER PEDESTAL (ZONE 211)		(206) 08001 - 08102 (T206) 08001 - 08176	01
GI001	S2527-1	GROUND STUD FOR SPARES ORDER (MUST REPLACE WITH): S2099-2		(206) 08001 - 08102 (T206) 08001 - 08176	01
	S2099-2	CONTACT		(206) 08001 - 08102 (T206) 08001 - 08176	AR
	200838-2	. BLOCK	V00779		AR
	S2527-3	. CLAMP			AR
	S2099-13	. CONTACT			AR
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		02
	201846-1	. JACKSCREW	V00779		AR
	203618-1	. JACKSCREW	V00779		02
HI003	S1360-5L	CIRCUIT BREAKER		(206) 08001 - 08102 (T206) 08001 - 08176	01
HI003	S1360-5L	CONNECTOR - INTERIOR LIGHTS (ZONE 224)		(206) 08001 & ON (T206) 08001 & ON	01
JC001	S2349-5	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08001 - 08102 (T206) 08001 - 08176	01
	S1636-2	. CONTACT			AR
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
JC002	S2035-2	CONNECTOR - LEFT FORWARD SIDEWALL LIGHT DISCONNECT (ZONE 211)	V00779	(206) 08001 - 08102 (T206) 08001 - 08176	01
	S1636-1	. CONTACT			AR
JC005	S1641-9	CONNECTOR - DIMMING CONTROL DISCONNECT (ZONE 224)		(206) 08001 - 08102 (T206) 08001 - 08176	01
	S1636-1	. CONTACT			AR
	S1636-2	. SOCKET			AR
JC007	S1641-9	CONNECTOR - ELECTRICAL/AVIONIC DISCONNECT		(206) 08001 - 08102 (T206) 08001 - 08176	01
	S1636-1	. CONTACT			AR
JI002	03-06-2023	CONNECTOR - RIGHT PEDESTAL LIGHT DISCONNECT (ZONE 211)	V27264	(206) 08001 - 08102 (T206) 08001 - 08176	01
	S2216-3	. CONTACT	V27264		AR
JI003	S1641-9	CONNECTOR - DIMMING MODULE DISCONNECT (ZONE 211)		(206) 08001 - 08102 (T206) 08001 - 08176	01
	S1636-1	. CONTACT			07
	S1636-2	. CONTACT			02
JI005	03-06-2023	CONNECTOR - LEFT PEDESTAL LIGHT (ZONE 211)	V27264	(206) 08001 - 08102 (T206) 08001 - 08176	01
	S2216-3	. CONTACT	V27264		AR
JI012	S1638-6	CONNECTOR - CENTER PANEL DISCONNECT (ZONE 211)		(206) 08001 - 08102 (T206) 08001 - 08176	01
	S1636-2	. CONTACT			AR
	S1636-1	. SOCKET			AR
JI014	S2035-2	CONNECTOR - TACHOMETER DISCONNECT (ZONE 220)	V00779	(206) 08001 - 08102 (T206) 08001 - 08176	01
	S1636-2	. CONTACT			AR
	S1636-1	. SOCKET			AR
JI025	03-06-2023	CONNECTOR - LOWER PEDESTAL LIGHT DISCONNECT (ZONE 211)	V27264	(206) 08001 - 08102 (T206) 08001 - 08176	01
	S2216-3	. CONTACT	V27264		02
P1	S1640-9	CONNECTOR - DIMMING MODULE DISCONNECT (ZONE 211)		(206) 08001 - 08102 (T206) 08001 - 08176	01
	S1635-1	. CONTACT	V49367		08
PC001	S2350-10	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08001 - 08102 (T206) 08001 - 08176	01
	S2350-4	. CONTACT	V00779		01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

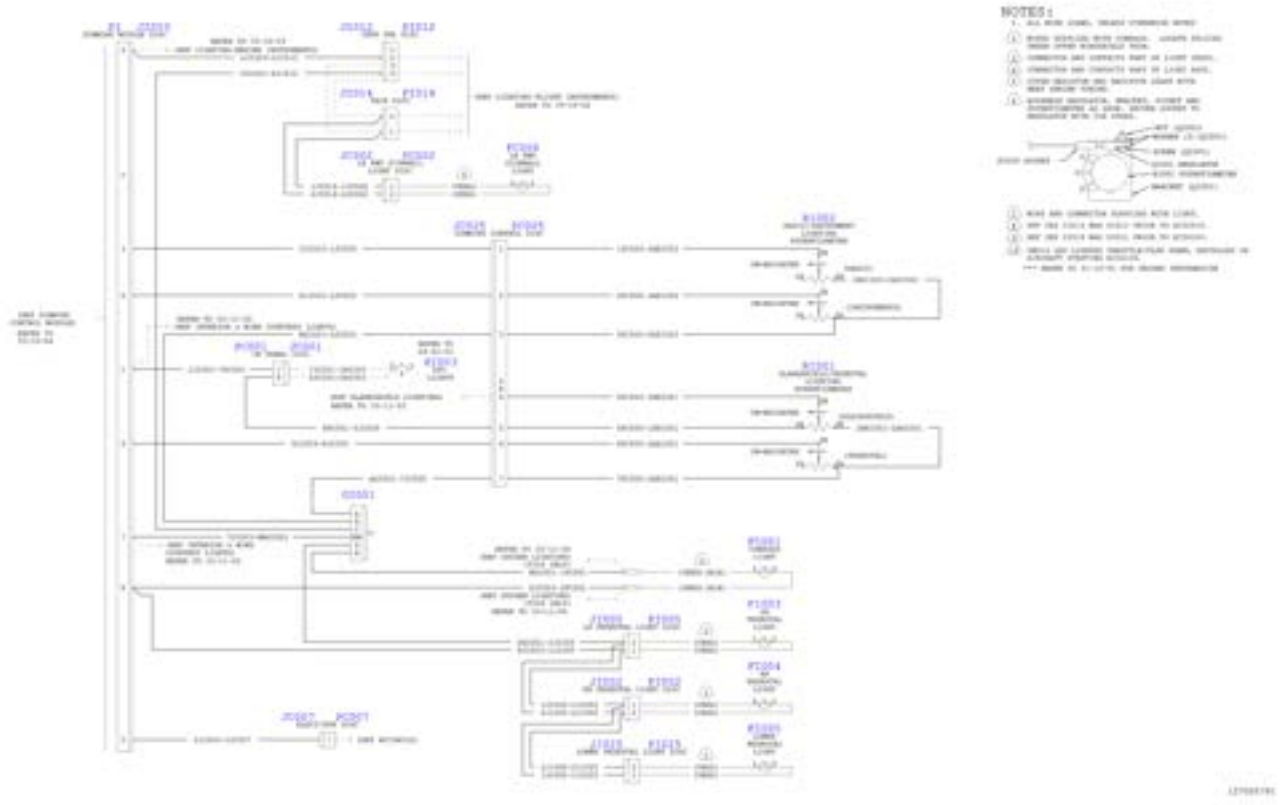
INSTRUMENT DIMMING

AIRPLANES (206) 08001 THRU 08102 AND AIRPLANES (T206) 08001 THRU 08176

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
PC002	S2035-1	CONNECTOR - LEFT FORWARD SIDEWALL LIGHT DISCONNECT (ZONE 211)		(206) 08001 - 08102 (T206) 08001 - 08176	01
	S1635-1	. CONTACT	V49367		07
PC005	S1640-9	CONNECTOR - DIMMING CONTROL DISCONNECT (ZONE 224)		(206) 08001 - 08102 (T206) 08001 - 08176	01
	S1635-1	. CONTACT	V49367		06
	S1635-2	. CONTACT			01
PC007	S1640-9	CONNECTOR - AVIONICS/ELECTRICAL DISCONNECT (ZONE 224)		(206) 08001 - 08102 (T206) 08001 - 08176	01
	S1635-1	. CONTACT	V49367		AR
	S1636-1	. SOCKET			AR
PI002	S2216-4	CONNECTOR - RIGHT PEDESTAL LIGHT DISCONNECT (ZONE 211)	V27264	(206) 08001 - 08102 (T206) 08001 - 08176	01
PI005	03-06-1023	CONNECTOR - LEFT PEDESTAL LIGHT DISCONNECT (ZONE 211)	V27264	(206) 08001 - 08102 (T206) 08001 - 08176	01
	S2216-4	. PIN	V27264		02
PI012	S1638-4	CONNECTOR - CENTER PANEL DISCONNECT (ZONE 225)		(206) 08001 - 08102 (T206) 08001 - 08176	01
	S1635-1	. PIN	V49367		02
PI014		CONNECTOR - TACHOMETER DISCONNECT (ZONE 220)			RF
PI025		CONNECTOR - LOWER PEDESTAL LIGHT DISCONNECT (ZONE 210)			RF
RI001	S2091-9	POTENTIOMETER - GLARESHIELD/PEDESTAL LIGHTING (ZONE 224)		(206) 08001 - 08102 (T206) 08001 - 08176	01
RI002	S2091-9	POTENTIOMETER - RADIO/INSTRUMENT LIGHTING (ZONE 224)		(206) 08001 - 08102 (T206) 08001 - 08176	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 01 : Sheet 01 : INSTRUMENT DIMMING



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

INSTRUMENT DIMMING

AIRPLANES (206) 08103 THRU 08138 AND AIRPLANES (T206) 08177 THRU 08259

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
FC001	MS25237-327	LIGHT - COMPASS (ZONE 210)	V96906	(206) 08103 - 08138 (T206) 08177 - 08259	01
FC006	MS25231-1829	LIGHT ASSEMBLY - LEFT FORWARD SIDEWALL (ZONE 211)		(206) 08103 - 08138 (T206) 08177 - 08259	01
	S2524-1	. SOCKET			01
FI003	MS25231-1829	LIGHT ASSEMBLY - LEFT PEDESTAL (ZONE 211)		(206) 08103 - 08138 (T206) 08177 - 08259	01
	S2524-1	. SOCKET			01
FI004	MS25231-1829	LIGHT ASSEMBLY - RIGHT PEDESTAL (ZONE 211)		(206) 08103 - 08138 (T206) 08177 - 08259	01
	S2524-1	. SOCKET			01
FI005	MS25231-1829	LIGHT ASSEMBLY - LOWER PEDESTAL (ZONE 211)		(206) 08103 - 08138 (T206) 08177 - 08259	01
GI001	S2527-1	GROUND STUD FOR SPARES ORDER (MUST REPLACE WITH): S2099-2		(206) 08103 - 08138 (T206) 08177 - 08259	01
	S2099-2	CONTACT		(206) 08103 - 08138 (T206) 08177 - 08259	AR
	200838-2	. BLOCK	V00779		AR
	S2527-3	. CLAMP			AR
	S2099-13	. CONTACT			AR
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		02
	201846-1	. JACKSCREW	V00779		AR
	203618-1	. JACKSCREW	V00779		02
HI003	S1360-5L	CIRCUIT BREAKER		(206) 08103 - 08138 (T206) 08177 - 08259	01
JC001	S2349-5	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08103 - 08138 (T206) 08177 - 08259	01
	S1636-2	. CONTACT			AR
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
JC002	S2035-2	CONNECTOR - LEFT FORWARD SIDEWALL LIGHT DISCONNECT (ZONE 211)	V00779	(206) 08103 - 08138 (T206) 08177 - 08259	01
	S1636-1	. CONTACT			AR
JC005	S1641-9	CONNECTOR - DIMMING CONTROL DISCONNECT (ZONE 224)		(206) 08103 - 08138 (T206) 08177 - 08259	01
	S1636-1	. CONTACT			AR
	S1636-2	. SOCKET			AR
JC007	S1641-9	CONNECTOR - ELECTRICAL/AVIONIC DISCONNECT		(206) 08103 - 08138 (T206) 08177 - 08259	01
	S1636-1	. CONTACT			AR
JC015	S1641-6	CONNECTOR - ANNUNICATOR SWITCH DISCONNECT (ZONE 225)		(206) 08103 - 08138 (T206) 08177 - 08259	01
	S1636-1	. CONTACT			AR
JI002	03-06-2023	CONNECTOR - RIGHT PEDESTAL LIGHT DISCONNECT (ZONE 211)	V27264	(206) 08103 - 08138 (T206) 08177 - 08259	01
	S2216-3	. CONTACT	V27264		AR
JI003	S1641-9	CONNECTOR - DIMMING MODULE DISCONNECT (ZONE 211)		(206) 08103 - 08138 (T206) 08177 - 08259	01
	S1636-1	. CONTACT			07
	S1636-2	. CONTACT			02
JI005	03-06-2023	CONNECTOR - LEFT PEDESTAL LIGHT (ZONE 211)	V27264	(206) 08103 - 08138 (T206) 08177 - 08259	01
	S2216-3	. CONTACT	V27264		AR
JI012	S1638-6	CONNECTOR - CENTER PANEL DISCONNECT (ZONE 211)		(206) 08103 - 08138 (T206) 08177 - 08259	01
	S1636-2	. CONTACT			AR
	S1636-1	. SOCKET			AR
JI014	S2035-2	CONNECTOR - TACHOMETER DISCONNECT (ZONE 220)	V00779	(206) 08103 - 08138 (T206) 08177 - 08259	01
	S1636-2	. CONTACT			AR
	S1636-1	. SOCKET			AR
JI025	03-06-2023	CONNECTOR - LOWER PEDESTAL LIGHT DISCONNECT (ZONE 211)	V27264	(206) 08103 - 08138 (T206) 08177 - 08259	01
	S2216-3	. CONTACT	V27264		02
P1	S2035-1	CONNECTOR - STALL WARNING HORN DISCONNECT (ZONE 620, 520)		(206) 08103 - 08138 (T206) 08177 - 08259	01
	S1635-1	. CONTACT	V49367		AR
PC001	S2350-10	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08103 - 08138 (T206) 08177 - 08259	01
	S2350-4	. CONTACT	V00779		01
	S2353-4	. CONTACT			AR

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

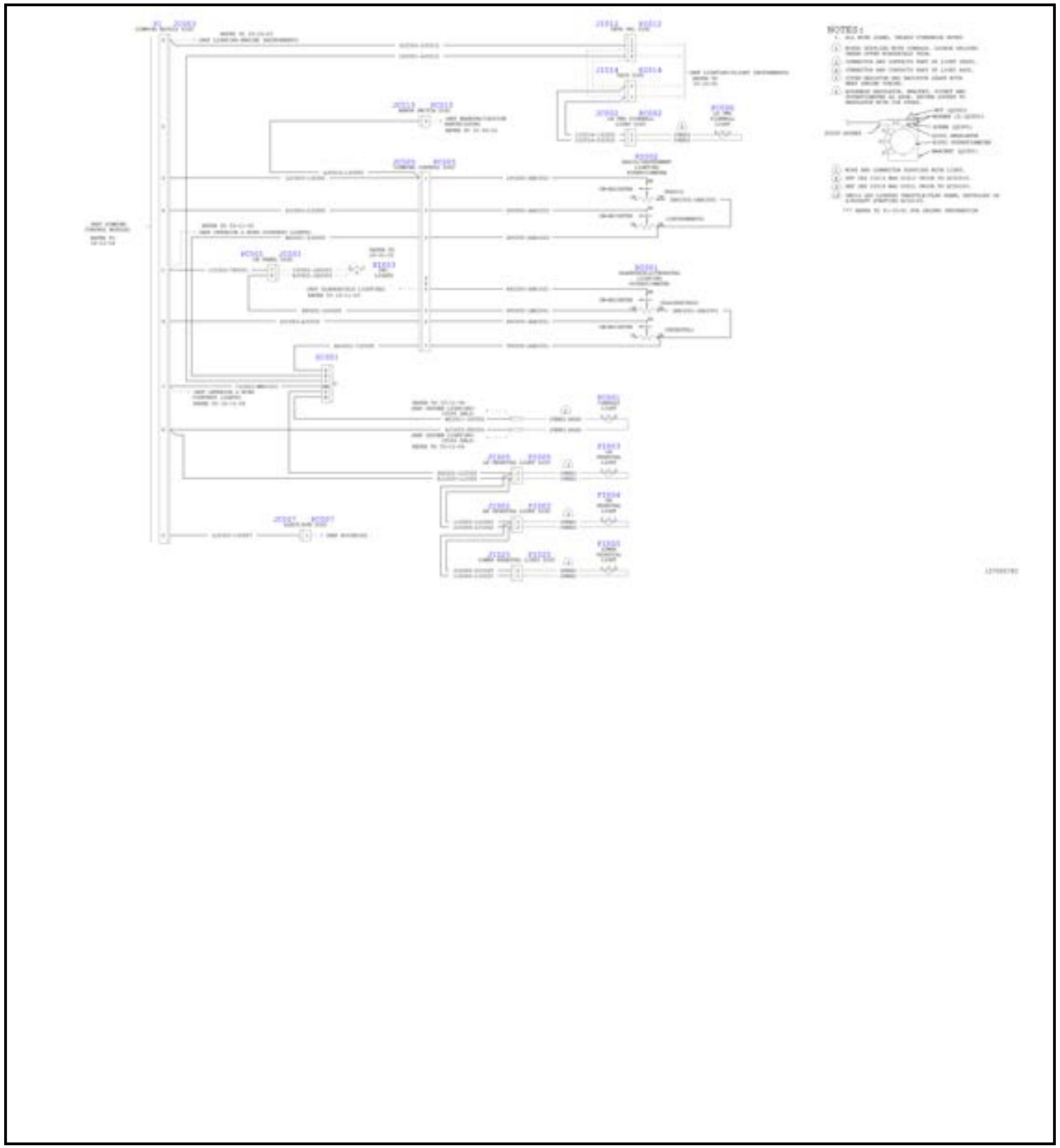
INSTRUMENT DIMMING

AIRPLANES (206) 08103 THRU 08138 AND AIRPLANES (T206) 08177 THRU 08259

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
	S2353-5	. CONTACT			AR
PC002	S2035-1	CONNECTOR - LEFT FORWARD SIDEWALL LIGHT DISCONNECT (ZONE 211)		(206) 08103 - 08138 (T206) 08177 - 08259	01
	S1635-1	. CONTACT	V49367		07
PC005	S1640-9	CONNECTOR - DIMMING CONTROL DISCONNECT (ZONE 224)		(206) 08103 - 08138 (T206) 08177 - 08259	01
	S1635-1	. CONTACT	V49367		06
	S1635-2	. CONTACT			01
PC007	S1640-9	CONNECTOR - AVIONICS/ELECTRICAL DISCONNECT (ZONE 224)		(206) 08103 - 08138 (T206) 08177 - 08259	01
	S1635-1	. CONTACT	V49367		AR
	S1636-1	. SOCKET			AR
PC015	S1640-6	CONNECTOR - ANNUNCIATOR SWITCH TEST/DIMMING DISCONNECT (ZONE 225)		(206) 08103 - 08138 (T206) 08177 - 08259	01
	S1635-1	. CONTACT	V49367		AR
	S1635-2	. CONTACT			AR
PI002	S2216-4	CONNECTOR - RIGHT PEDESTAL LIGHT DISCONNECT (ZONE 211)	V27264	(206) 08103 - 08138 (T206) 08177 - 08259	01
PI005	03-06-1023	CONNECTOR - LEFT PEDESTAL LIGHT DISCONNECT (ZONE 211)	V27264	(206) 08103 - 08138 (T206) 08177 - 08259	01
	S2216-4	. PIN	V27264		02
PI012	S1638-4	CONNECTOR - CENTER PANEL DISCONNECT (ZONE 225)		(206) 08103 - 08138 (T206) 08177 - 08259	01
	S1635-1	. PIN	V49367		02
PI014		CONNECTOR - TACHOMETER DISCONNECT (ZONE 220)			RF
PI025		CONNECTOR - LOWER PEDESTAL LIGHT DISCONNECT (ZONE 210)			RF
RI001	S2091-9	POTENTIOMETER - GLARESHIELD/PEDESTAL LIGHTING (ZONE 224)		(206) 08103 - 08138 (T206) 08177 - 08259	01
RI002	S2091-9	POTENTIOMETER - RADIO/INSTRUMENT LIGHTING (ZONE 224)		(206) 08103 - 08138 (T206) 08177 - 08259	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 02 : Sheet 01 : INSTRUMENT DIMMING



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

INSTRUMENT DIMMING

AIRPLANES (206) 08139 & ON WITHOUT NAV III OPTION AND AIRPLANES (T206) 08260 & ON WITHOUT NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
FC001	MS25237-327	LIGHT - COMPASS (ZONE 210)	V96906	(206) 08139 & ON (T206) 08260 & ON	01
FC006	MS25231-1829	LIGHT ASSEMBLY - LEFT FORWARD SIDEWALL (ZONE 211)		(206) 08139 & ON (T206) 08260 & ON	01
	S2524-1	. SOCKET			01
FI003	MS25231-1829	LIGHT ASSEMBLY - LEFT PEDESTAL (ZONE 211)		(206) 08139 & ON (T206) 08260 & ON	01
	S2524-1	. SOCKET			01
FI004	MS25231-1829	LIGHT ASSEMBLY - RIGHT PEDESTAL (ZONE 211)		(206) 08139 & ON (T206) 08260 & ON	01
	S2524-1	. SOCKET			01
FI005	MS25231-1829	LIGHT ASSEMBLY - LOWER PEDESTAL (ZONE 211)		(206) 08139 & ON (T206) 08260 & ON	01
FI008	721-1074-002	LIGHT ASSEMBLY - AIRCRAFT ID PLACARD (ZONE 220)	V06097	(206) 08139 & ON (T206) 08260 & ON	01
GI001	S2527-1	GROUND STUD FOR SPARES ORDER (MUST REPLACE WITH): S2099-2		(206) 08139 & ON (T206) 08260 & ON	01
	S2099-2	CONTACT		(206) 08139 & ON (T206) 08260 & ON	AR
	200838-2	. BLOCK	V00779		AR
	S2527-3	. CLAMP			AR
	S2099-13	. CONTACT			AR
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		02
	201846-1	. JACKSCREW	V00779		AR
	203618-1	. JACKSCREW	V00779		02
HI003	S1360-5L	CIRCUIT BREAKER		(206) 08139 & ON (T206) 08260 & ON	01
HI015	S1360-5L	CIRCUIT BREAKER - CABIN LIGHTS/POWER (ZONE 224)		(206) 08139 & ON (T206) 08260 & ON	01
JC001	S2349-5	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08139 & ON (T206) 08260 & ON	01
	S1636-2	. CONTACT			AR
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
JC002	S2035-2	CONNECTOR - LEFT FORWARD SIDEWALL LIGHT DISCONNECT (ZONE 211)	V00779	(206) 08139 & ON (T206) 08260 & ON	01
	S1636-1	. CONTACT			AR
JC005	S1641-9	CONNECTOR - DIMMING CONTROL DISCONNECT (ZONE 224)		(206) 08139 & ON (T206) 08260 & ON	01
	S1636-1	. CONTACT			AR
	S1636-2	. SOCKET			AR
JC007	S1641-9	CONNECTOR - ELECTRICAL/AVIONIC DISCONNECT		(206) 08139 & ON (T206) 08260 & ON	01
	S1636-1	. CONTACT			AR
JC015	S1641-6	CONNECTOR - ANNUNICATOR SWITCH DISCONNECT (ZONE 225)		(206) 08139 & ON (T206) 08260 & ON	01
	S1636-1	. CONTACT			AR
JI002	03-06-2023	CONNECTOR - RIGHT PEDESTAL LIGHT DISCONNECT (ZONE 211)	V27264	(206) 08139 & ON (T206) 08260 & ON	01
	S2216-3	. CONTACT	V27264		AR
JI003	S1641-9	CONNECTOR - DIMMING MODULE DISCONNECT (ZONE 211)		(206) 08139 & ON (T206) 08260 & ON	01
	S1636-1	. CONTACT			07
	S1636-2	. CONTACT			02
JI005	03-06-2023	CONNECTOR - LEFT PEDESTAL LIGHT (ZONE 211)	V27264	(206) 08139 & ON (T206) 08260 & ON	01
	S2216-3	. CONTACT	V27264		AR
JI012	S1638-6	CONNECTOR - CENTER PANEL DISCONNECT (ZONE 211)		(206) 08139 & ON (T206) 08260 & ON	01
	S1636-2	. CONTACT			AR
	S1636-1	. SOCKET			AR
JI014	S2035-2	CONNECTOR - TACHOMETER DISCONNECT (ZONE 220)	V00779	(206) 08139 & ON (T206) 08260 & ON	01
	S1636-2	. CONTACT			AR
	S1636-1	. SOCKET			AR
JI025	03-06-2023	CONNECTOR - LOWER PEDESTAL LIGHT DISCONNECT (ZONE 211)	V27264	(206) 08139 & ON (T206) 08260 & ON	01
	S2216-3	. CONTACT	V27264		02
JI035	S3556-25	CONNECTOR - AIRCRAFT ID PLACARD DISCONNECT (ZONE 211)		(206) 08139 & ON (T206) 08260 & ON	02
	S3556-2	. PLUG			01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

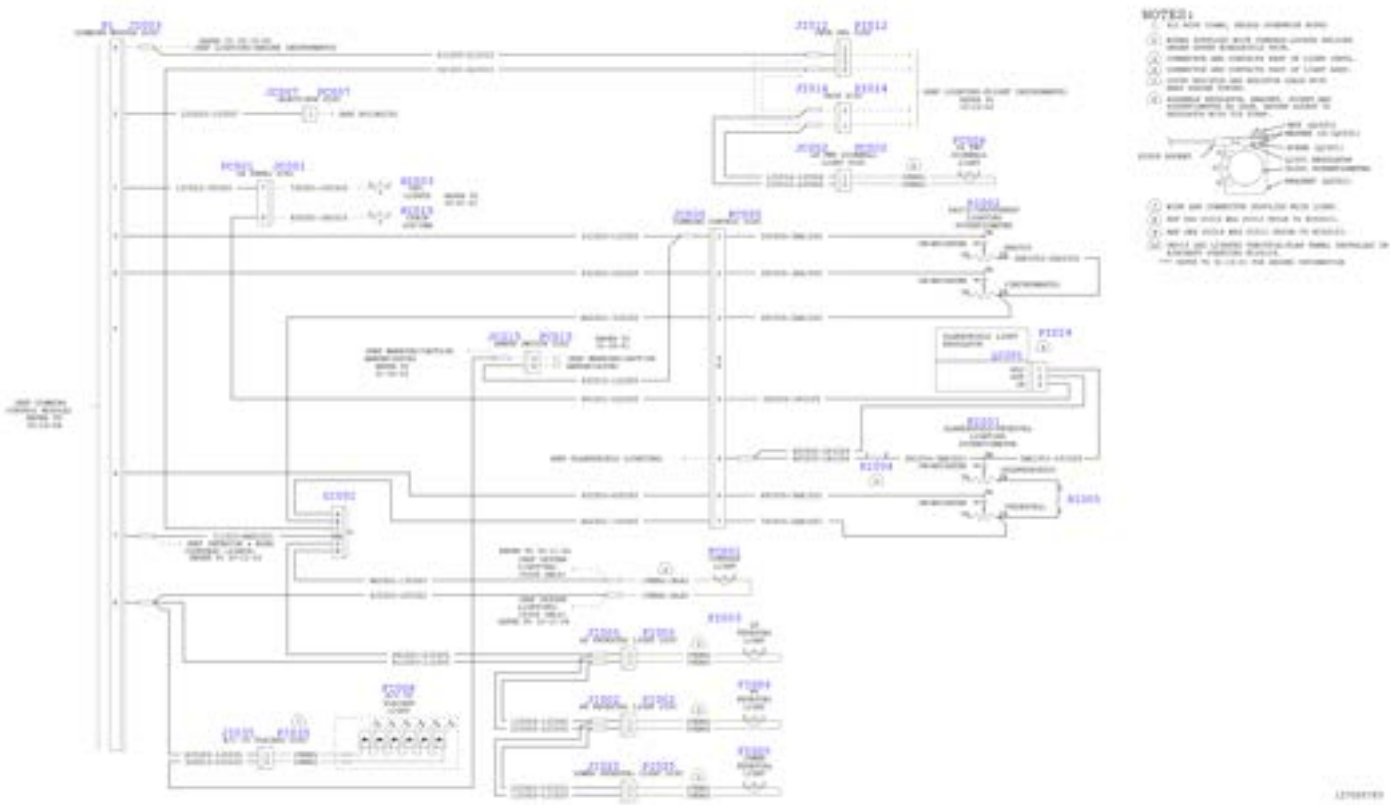
INSTRUMENT DIMMING

AIRPLANES (206) 08139 & ON WITHOUT NAV III OPTION AND AIRPLANES (T206) 08260 & ON WITHOUT NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
P1	S1640-9	CONNECTOR - DIMMING MODULE DISCONNECT (ZONE 211)		(206) 08139 & ON (T206) 08260 & ON	01
	S1635-1	. CONTACT	V49367		08
PC001	S2350-10	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08139 & ON (T206) 08260 & ON	01
	S2350-4	. CONTACT	V00779		01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PC002	S2035-1	CONNECTOR - LEFT FORWARD SIDEWALL LIGHT DISCONNECT (ZONE 211)		(206) 08139 & ON (T206) 08260 & ON	01
	S1635-1	. CONTACT	V49367		07
PC005	S1640-9	CONNECTOR - DIMMING CONTROL DISCONNECT (ZONE 224)		(206) 08139 & ON (T206) 08260 & ON	01
	S1635-1	. CONTACT	V49367		06
	S1635-2	. CONTACT			01
PC007	S1640-9	CONNECTOR - AVIONICS/ELECTRICAL DISCONNECT (ZONE 224)		(206) 08139 & ON (T206) 08260 & ON	01
	S1635-1	. CONTACT	V49367		AR
	S1636-1	. SOCKET			AR
PC015	S1640-6	CONNECTOR - ANNUNCIATOR SWITCH TEST/DIMMING DISCONNECT (ZONE 225)		(206) 08139 & ON (T206) 08260 & ON	01
	S1635-1	. CONTACT	V49367		AR
	S1635-2	. CONTACT			AR
PI002	S2216-4	CONNECTOR - RIGHT PEDESTAL LIGHT DISCONNECT (ZONE 211)	V27264	(206) 08139 & ON (T206) 08260 & ON	01
PI005	03-06-1023	CONNECTOR - LEFT PEDESTAL LIGHT DISCONNECT (ZONE 211)	V27264	(206) 08139 & ON (T206) 08260 & ON	01
	S2216-4	. PIN	V27264		02
PI012	S1638-4	CONNECTOR - CENTER PANEL DISCONNECT (ZONE 225)		(206) 08139 & ON (T206) 08260 & ON	01
	S1635-1	. PIN	V49367		02
PI014		CONNECTOR - TACHOMETER DISCONNECT (ZONE 220)			RF
PI025		CONNECTOR - LOWER PEDESTAL LIGHT DISCONNECT (ZONE 210)			RF
PI029	10-17-2032	CONNECTOR - GLARESHIELD LIGHT (ZONE 211)	V27264	(206) 08139 & ON (T206) 08260 & ON	01
	08-50-0114	. SOCKET	V27264		03
PI035	172343-1	CONNECTOR - AIRCRAFT ID PLACARD DISCONNECT (ZONE 225)	V06097	(206) 08139 & ON (T206) 08260 & ON	01
QI001	NJM317F	REGULATOR - GLARESHIELD LIGHT	VS5416	(206) 08139 & ON (T206) 08260 & ON	01
RI001	S2091-9	POTENTIOMETER - GLARESHIELD/PEDESTAL LIGHTING (ZONE 224)		(206) 08139 & ON (T206) 08260 & ON	01
RI002	S2091-9	POTENTIOMETER - RADIO/INSTRUMENT LIGHTING (ZONE 224)		(206) 08139 & ON (T206) 08260 & ON	01
RI004	CCF-553740F	RESISTOR (ZONE 224)	V91637	(206) 08139 & ON (T206) 08260 & ON	01
RI005	CCF-552611F	RESISTOR (ZONE 224)	V91637	(206) 08139 & ON (T206) 08260 & ON	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 03 : Sheet 01 : INSTRUMENT DIMMING



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

INSTRUMENT DIMMING

AIRPLANES (206) 08215 THRU 08257 WITH NAV III OPTION AND AIRPLANES (T206) 08450 THRU 08585 WITH NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
FC001	MS25237-327	LIGHT - COMPASS (ZONE 210)	V96906	(206) 08215 - 08257 (T206) 08450 - 08585	01
FI003	MS25231-1829	LIGHT ASSEMBLY - LEFT PEDESTAL (ZONE 211)		(206) 08215 - 08257 (T206) 08450 - 08585	01
	S2524-1	. SOCKET			01
FI004	MS25231-1829	LIGHT ASSEMBLY - RIGHT PEDESTAL (ZONE 211)		(206) 08215 - 08257 (T206) 08450 - 08585	01
	S2524-1	. SOCKET			01
FI009	S1899-4	LIGHT ASSEMBLY - FLAP INDICATOR LIGHT	V08717	(206) 08215 - 08257 (T206) 08450 - 08585	01
FI010	01-0770113-09	ENVIRONMENTAL CONTROS LIGHT	V10402	(206) 08215 - 08257 (T206) 08450 - 08585	01
FI013	MS25231-1819	LIGHT - LOWER PEDESTAL		(206) 08215 - 08257 (T206) 08450 - 08585	01
	S2524-1	. SOCKET			01
GI001	S2527-1	GROUND STUD FOR SPARES ORDER (MUST REPLACE WITH): S2099-2		(206) 08215 - 08257 (T206) 08450 - 08585	01
	S2099-2	CONTACT		(206) 08215 - 08257 (T206) 08450 - 08585	AR
	200838-2	. BLOCK	V00779		AR
	S2527-3	. CLAMP			AR
	S2099-13	. CONTACT			AR
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		02
	201846-1	. JACKSCREW	V00779		AR
	203618-1	. JACKSCREW	V00779		02
J1		CONNECTOR			RF
JC005	S1641-9	CONNECTOR - DIMMING CONTROL DISCONNECT (ZONE 224)		(206) 08215 - 08257 (T206) 08450 - 08585	01
	S1636-1	. CONTACT			AR
	S1636-2	. SOCKET			AR
JC024	S2350-4	CONNECTOR - ELECTRICAL CIRCUIT BREAKER PANEL DISCONNECT (ZONE 120)	V00779	(206) 08215 - 08257 (T206) 08450 - 08585	01
	S2353-4	. PIN			01
	S2353-5	. PIN			01
JC031	S2350-4	CONNECTOR - ELECTRICAL/AVIONIC DISCONNECT	V00779	(206) 08215 - 08257 (T206) 08450 - 08585	01
	S2353-5	. PIN			AR
JI002	03-06-2023	CONNECTOR - RIGHT PEDESTAL LIGHT DISCONNECT (ZONE 211)	V27264	(206) 08215 - 08257 (T206) 08450 - 08585	01
	S2216-3	. CONTACT	V27264		AR
JI003	S1641-9	CONNECTOR - DIMMING MODULE DISCONNECT (ZONE 211)		(206) 08215 - 08257 (T206) 08450 - 08585	01
	S1636-1	. CONTACT			07
	S1636-2	. CONTACT			02
JI005	03-06-2023	CONNECTOR - LEFT PEDESTAL LIGHT (ZONE 211)	V27264	(206) 08215 - 08257 (T206) 08450 - 08585	01
	S2216-3	. CONTACT	V27264		AR
JI025	03-06-2023	CONNECTOR - LOWER PEDESTAL LIGHT DISCONNECT (ZONE 211)	V27264	(206) 08215 - 08257 (T206) 08450 - 08585	01
	S2216-3	. CONTACT	V27264		02
JI031	03-06-2023	CONNECTOR - FLAP INDICATOR LIGHT DISCONNECT	V27264	(206) 08215 - 08257 (T206) 08450 - 08585	01
	S2216-3	. CONTACT	V27264		AR
JI042	S2035-2	CONNECTOR - ENVR CONTROL LIGHT DISCONNECT	V00779	(206) 08215 - 08257 (T206) 08450 - 08585	01
	S1636-1	. CONTACT			AR
P1	S1640-9	CONNECTOR - DIMMING MODULE DISCONNECT (ZONE 211)		(206) 08215 - 08257 (T206) 08450 - 08585	01
	S1635-1	. CONTACT	V49367		08
PC005	S1640-9	CONNECTOR - DIMMING CONTROL DISCONNECT (ZONE 210)		(206) 08215 - 08257 (T206) 08450 - 08585	01
	S1635-1	. CONTACT	V49367		07
PC024	S2349-3	CONNECTOR - ELECTRICAL CIRCUIT BREAKER PANEL DISCONNECT		(206) 08215 - 08257 (T206) 08450 - 08585	01
	S2099-3	. CONTACT			03
	S2099-4	. CONTACT	V00779		06
PC031	S2349-3	CONNECTOR - ELECTRICAL/AVIONIC DISCONNECT		(206) 08215 - 08257 (T206) 08450 - 08585	01
	S2099-4	. CONTACT	V00779		06
PI002	S2216-4	CONNECTOR - RIGHT PEDESTAL LIGHT DISCONNECT (ZONE 211)	V27264	(206) 08215 - 08257 (T206) 08450 - 08585	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

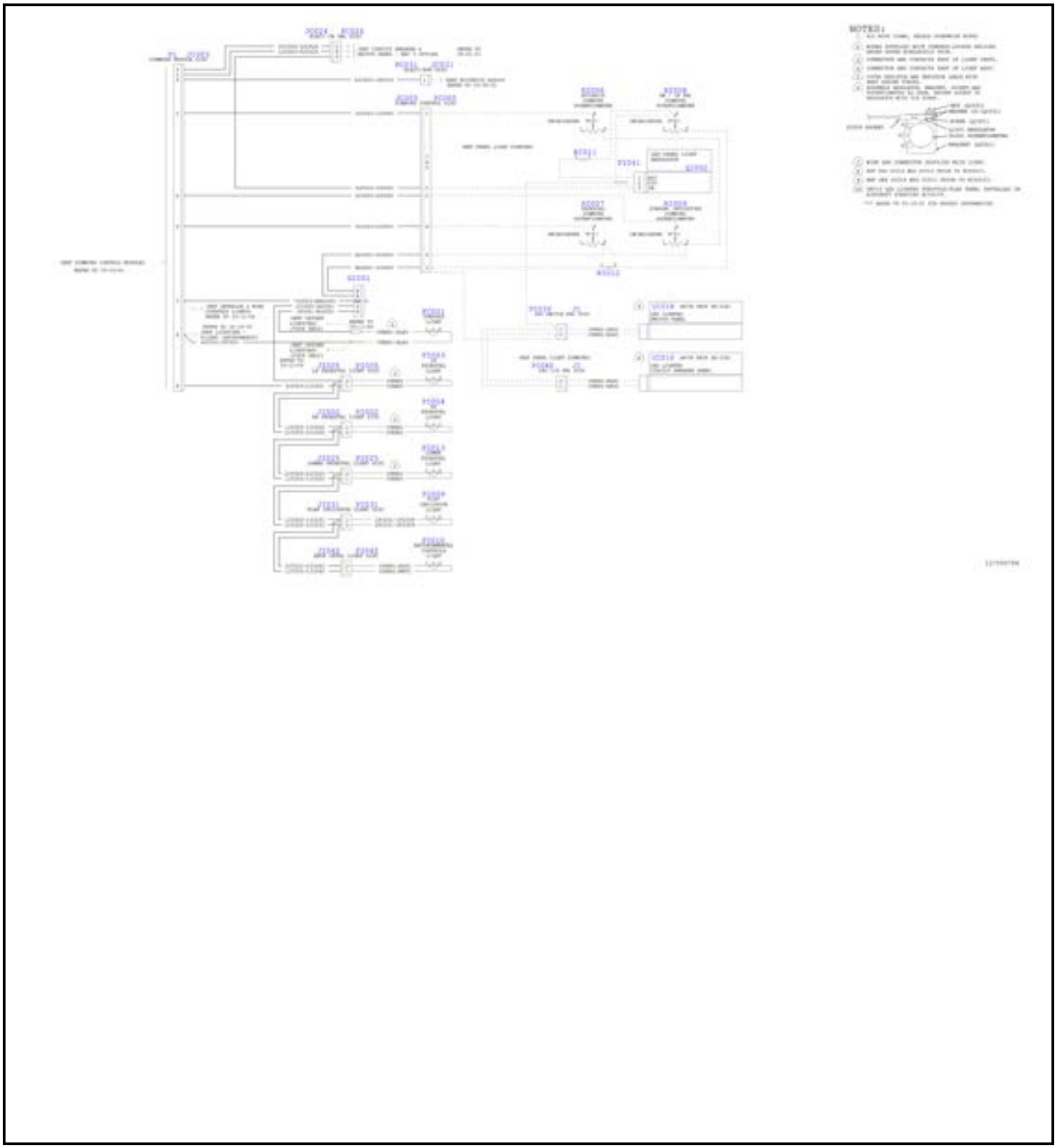
INSTRUMENT DIMMING

AIRPLANES (206) 08215 THRU 08257 WITH NAV III OPTION AND AIRPLANES (T206) 08450 THRU 08585 WITH NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
PI005	03-06-1023	CONNECTOR - LEFT PEDESTAL LIGHT DISCONNECT (ZONE 211)	V27264	(206) 08215 - 08257 (T206) 08450 - 08585	01
	S2216-4	. PIN	V27264		02
PI025		CONNECTOR - LOWER PEDESTAL LIGHT DISCONNECT (ZONE 210)			RF
PI031	03-06-1023	CONNECTOR - FLAP INDICATOR LIGHT DISCONNECT	V27264	(206) 08215 - 08257 (T206) 08450 - 08585	01
	S2216	. CONTACT			AR
	S2216-4	. SOCKET	V27264		AR
PI039	S2035-2	CONNECTOR - LED SWITCH PANEL DISCONNECT	V00779	(206) 08215 - 08257 (T206) 08450 - 08585	01
	S1636-2	. CONTACT			02
PI040	S2035-2	CONNECTOR - LED CIRCUIT BREAKER PANEL DISCONNECT	V00779	(206) 08215 - 08257 (T206) 08450 - 08585	01
	S1636-2	. CONTACT			02
PI041	10-17-2032	CONNECTOR - LED PANEL LIGHT	V27264	(206) 08215 - 08257 (T206) 08450 - 08585	01
	08-50-0114	. TERMINAL	V27264		03
PI042	S2035-1	CONNECTOR - ENVR CONTROL LIGHT DISCONNECT		(206) 08215 - 08257 (T206) 08450 - 08585	01
	S1635-1	. CONTACT	V49367		AR
QI002	NJM317F	REGULATOR - LED PANEL LIGHT	VS5416	(206) 08215 - 08257 (T206) 08450 - 08585	01
RI006	S1904-5	RESISTOR - AVIONICS DIMMING		(206) 08215 - 08257 (T206) 08450 - 08585	01
RI007	S1904-5	RESISTOR - PEDESTAL DIMMING		(206) 08215 - 08257 (T206) 08450 - 08585	01
RI008	S1904-5	RESISTOR - SWITCH/CIRCUIT BREAKER PANEL DIMMING		(206) 08215 - 08257 (T206) 08450 - 08585	01
RI009	S1904-5	RESISTOR - STANDBY INDICATORS DIMMING		(206) 08215 - 08257 (T206) 08450 - 08585	01
RI011	CCF-553740F	RESISTOR	V91637	(206) 08215 - 08257 (T206) 08450 - 08585	01
RI012	CCF-552611F	RESISTOR	V91637	(206) 08215 - 08257 (T206) 08450 - 08585	01
UI016	9910608-4	CIRCUIT BREAKER PANEL - LED LIGHTED WITH PROP DE-ICE * AIRPLANES (T206) 08585 & ON WITH NAV III OPTION		(206) 08257 & ON (T206) *08585 & ON	01
UI018		LED PANEL SWITCH			RF

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 04 : Sheet 01 : INSTRUMENT DIMMING



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

INSTRUMENT DIMMING

AIRPLANES (206) 08258 & ON WITH NAV III OPTION AND AIRPLANES (T206) 08586 THRU 09638 WITH NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
FC001	MS25237-327	LIGHT - COMPASS (ZONE 210)	V96906	(206) 08258 & ON (T206) 08586 - 09638	01
FI003	MS25231-1829	LIGHT ASSEMBLY - LEFT PEDESTAL (ZONE 211)		(206) 08258 & ON (T206) 08586 - 09638	01
	S2524-1	. SOCKET			01
FI004	MS25231-1829	LIGHT ASSEMBLY - RIGHT PEDESTAL (ZONE 211)		(206) 08258 & ON (T206) 08586 - 09638	01
	S2524-1	. SOCKET			01
FI013	MS25231-1819	LIGHT - LOWER PEDESTAL		(206) 08258 & ON (T206) 08586 - 09638	01
	S2524-1	. SOCKET			01
GI001	S2527-1	GROUND STUD FOR SPARES ORDER (MUST REPLACE WITH): S2099-2		(206) 08258 & ON (T206) 08586 - 09638	01
	S2099-2	CONTACT		(206) 08258 & ON (T206) 08586 - 09638	AR
	200838-2	. BLOCK	V00779		AR
	S2527-3	. CLAMP			AR
	S2099-13	. CONTACT			AR
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		02
	201846-1	. JACKSCREW	V00779		AR
	203618-1	. JACKSCREW	V00779		02
J1		CONNECTOR			RF
JC005	S1641-9	CONNECTOR - DIMMING CONTROL DISCONNECT (ZONE 224)		(206) 08258 & ON (T206) 08586 - 09638	01
	S1636-1	. CONTACT			AR
	S1636-2	. SOCKET			AR
JC024	S2350-4	CONNECTOR - ELECTRICAL CIRCUIT BREAKER PANEL DISCONNECT (ZONE 120)	V00779	(206) 08258 & ON (T206) 08586 - 09638	01
	S2353-4	. PIN			01
	S2353-5	. PIN			01
JC031	S2350-4	CONNECTOR - ELECTRICAL/AVIONIC DISCONNECT	V00779	(206) 08258 & ON (T206) 08586 - 09638	01
	S2353-5	. PIN			AR
JI002	03-06-2023	CONNECTOR - RIGHT PEDESTAL LIGHT DISCONNECT (ZONE 211)	V27264	(206) 08258 & ON (T206) 08586 - 09638	01
	S2216-3	. CONTACT	V27264		AR
JI003	S1641-9	CONNECTOR - DIMMING MODULE DISCONNECT (ZONE 211)		(206) 08258 & ON (T206) 08586 - 09638	01
	S1636-1	. CONTACT			07
	S1636-2	. CONTACT			02
JI005	03-06-2023	CONNECTOR - LEFT PEDESTAL LIGHT (ZONE 211)	V27264	(206) 08258 & ON (T206) 08586 - 09638	01
	S2216-3	. CONTACT	V27264		AR
JI025	03-06-2023	CONNECTOR - LOWER PEDESTAL LIGHT DISCONNECT (ZONE 211)	V27264	(206) 08258 & ON (T206) 08586 - 09638	01
	S2216-3	. CONTACT	V27264		02
P1		CONNECTOR			RF
PC005	S1640-9	CONNECTOR - DIMMING CONTROL DISCONNECT (ZONE 210)		(206) 08258 & ON (T206) 08586 - 09638	01
	S1635-1	. CONTACT	V49367		07
PC024	S2349-3	CONNECTOR - ELECTRICAL CIRCUIT BREAKER PANEL DISCONNECT		(206) 08258 & ON (T206) 08586 - 09638	01
	S2099-3	. CONTACT			03
	S2099-4	. CONTACT	V00779		06
PC031	S2349-3	CONNECTOR - ELECTRICAL/AVIONIC DISCONNECT		(206) 08258 & ON (T206) 08586 - 09638	01
	S2099-4	. CONTACT	V00779		06
PI002	S2216-4	CONNECTOR - RIGHT PEDESTAL LIGHT DISCONNECT (ZONE 211)	V27264	(206) 08258 & ON (T206) 08586 - 09638	01
PI005	03-06-1023	CONNECTOR - LEFT PEDESTAL LIGHT DISCONNECT (ZONE 211)	V27264	(206) 08258 & ON (T206) 08586 - 09638	01
	S2216-4	. PIN	V27264		02
PI025		CONNECTOR - LOWER PEDESTAL LIGHT DISCONNECT (ZONE 210)			RF
PI039	S2035-2	CONNECTOR - LED SWITCH PANEL DISCONNECT	V00779	(206) 08258 & ON (T206) 08586 - 09638	01
	S1636-2	. CONTACT			02
PI040	S2035-2	CONNECTOR - LED CIRCUIT BREAKER PANEL DISCONNECT	V00779	(206) 08258 & ON (T206) 08586 - 09638	01
	S1636-2	. CONTACT			02
PI041	10-17-2032	CONNECTOR - LED PANEL LIGHT	V27264	(206) 08258 & ON (T206) 08586 - 09638	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

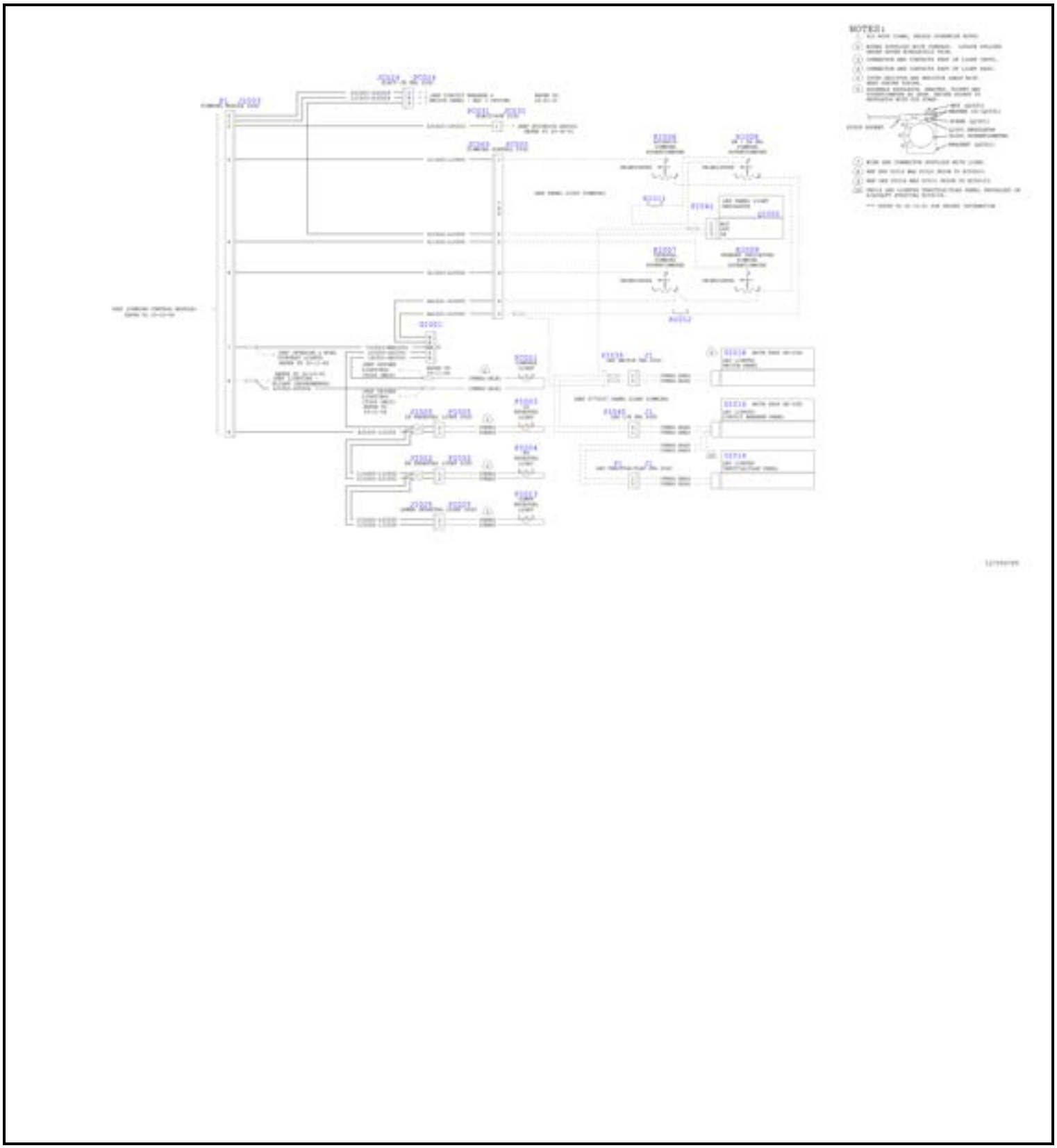
INSTRUMENT DIMMING

AIRPLANES (206) 08258 & ON WITH NAV III OPTION AND AIRPLANES (T206) 08586 THRU 09638 WITH NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
	08-50-0114	. TERMINAL	V27264		03
QI002	NJM317F	REGULATOR - LED PANEL LIGHT	VS5416	(206) 08258 & ON (T206) 08586 - 09638	01
RI006	S1904-5	RESISTOR - AVIONICS DIMMING		(206) 08258 & ON (T206) 08586 - 09638	01
RI007	S1904-5	RESISTOR - PEDESTAL DIMMING		(206) 08258 & ON (T206) 08586 - 09638	01
RI008	S1904-5	RESISTOR - SWITCH/CIRCUIT BREAKER PANEL DIMMING		(206) 08258 & ON (T206) 08586 - 09638	01
RI009	S1904-5	RESISTOR - STANDBY INDICATORS DIMMING		(206) 08258 & ON (T206) 08586 - 09638	01
RI011	CCF-553740F	RESISTOR	V91637	(206) 08258 & ON (T206) 08586 - 09638	01
RI012	CCF-552611F	RESISTOR	V91637	(206) 08258 & ON (T206) 08586 - 09638	01
UI014		THROTTLE/FLAP PANEL - LED LIGHTED			RF
UI016	9910608-4	CIRCUIT BREAKER PANEL - LED LIGHTED WITH PROP DE-ICE * AIRPLANES (T206) 08585 & ON WITH NAV III OPTION		(206) 08257 & ON (T206) *08585 & ON	01
UI018		SWITCH PANEL - LED LIGHTED WITH PROP DE-ICE * AIRPLANES (206) 08258 & ON WITH NAV III OPTION			RF

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 05 : Sheet 01 : INSTRUMENT DIMMING



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

INSTRUMENT DIMMING WITH NAV III OPTION

AIRPLANES (T206) 09639 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
FC001	MS25237-327	LIGHT - COMPASS (ZONE 210)	V96906	(T206) 09639 & ON	01
FI003	MS25231-1829	LIGHT ASSEMBLY - LEFT PEDESTAL (ZONE 211)		(T206) 09639 & ON	01
	S2524-1	. SOCKET			01
FI004	MS25231-1829	LIGHT ASSEMBLY - RIGHT PEDESTAL (ZONE 211)		(T206) 09639 & ON	01
	S2524-1	. SOCKET			01
FI013	MS25231-1819	LIGHT - LOWER PEDESTAL		(T206) 09639 & ON	01
	S2524-1	. SOCKET			01
GI001	S2527-1	GROUND STUD FOR SPARES ORDER (MUST REPLACE WITH): S2099-2		(T206) 09639 & ON	01
	S2099-2	CONTACT		(T206) 09639 & ON	AR
	200838-2	. BLOCK	V00779		AR
	S2527-3	. CLAMP			AR
	S2099-13	. CONTACT			AR
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		02
	201846-1	. JACKSCREW	V00779		AR
	203618-1	. JACKSCREW	V00779		02
J1		CONNECTOR			RF
JC005	S1641-9	CONNECTOR - DIMMING CONTROL DISCONNECT (ZONE 224)		(T206) 09639 & ON	01
	S1636-1	. CONTACT			AR
	S1636-2	. SOCKET			AR
JC024	S2350-4	CONNECTOR - ELECTRICAL CIRCUIT BREAKER PANEL DISCONNECT (ZONE 120)	V00779	(T206) 09639 & ON	01
	S2353-4	. PIN			01
	S2353-5	. PIN			01
JC031	S2350-4	CONNECTOR - ELECTRICAL/AVIONIC DISCONNECT	V00779	(T206) 09639 & ON	01
	S2353-5	. PIN			AR
JC051	S2350-2	CONNECTOR		(T206) 09639 & ON	01
	S2351-2	. BACKSHELL	V00779		01
	S2353-5	. PIN			01
JI002	03-06-2023	CONNECTOR - RIGHT PEDESTAL LIGHT DISCONNECT (ZONE 211)	V27264	(T206) 09639 & ON	01
	S2216-3	. CONTACT	V27264		AR
JI003	S1641-9	CONNECTOR - DIMMING MODULE DISCONNECT (ZONE 211)		(T206) 09639 & ON	01
	S1636-1	. CONTACT			07
	S1636-2	. CONTACT			02
JI005	03-06-2023	CONNECTOR - LEFT PEDESTAL LIGHT (ZONE 211)	V27264	(T206) 09639 & ON	01
	S2216-3	. CONTACT	V27264		AR
JI025	03-06-2023	CONNECTOR - LOWER PEDESTAL LIGHT DISCONNECT (ZONE 211)	V27264	(T206) 09639 & ON	01
	S2216-3	. CONTACT	V27264		02
P1		CONNECTOR - PILOT CONTROL WHEEL (ZONE 222)			RF
PC005	S1640-9	CONNECTOR - DIMMING CONTROL DISCONNECT (ZONE 224)		(T206) 09639 & ON	01
	S1635-1	. CONTACT	V49367		06
	S1635-2	. CONTACT			01
PC024	S2349-3	CONNECTOR - ELECTRICAL CIRCUIT BREAKER PANEL DISCONNECT		(T206) 09639 & ON	01
	S2099-3	. CONTACT			03
	S2099-4	. CONTACT	V00779		06
PC031	S2349-3	CONNECTOR - ELECTRICAL/AVIONIC DISCONNECT		(T206) 09639 & ON	01
	S2099-4	. CONTACT	V00779		06
PC051	S2349-2	PLUG	V00779	(T206) 09639 & ON	01
	S2099-4	. CONTACT	V00779		01
PI002	S2216-4	CONNECTOR - RIGHT PEDESTAL LIGHT DISCONNECT (ZONE 211)	V27264	(T206) 09639 & ON	01
PI005	03-06-1023	CONNECTOR - LEFT PEDESTAL LIGHT DISCONNECT (ZONE 211)	V27264	(T206) 09639 & ON	01
	S2216-4	. PIN	V27264		02
PI025		CONNECTOR - LOWER PEDESTAL LIGHT DISCONNECT (ZONE 210)			RF
PI039	S2035-2	CONNECTOR - LED SWITCH PANEL DISCONNECT	V00779	(T206) 09639 & ON	01
	S1636-2	. CONTACT			02
PI040	S2035-2	CONNECTOR - LED CIRCUIT BREAKER PANEL DISCONNECT	V00779	(T206) 09639 & ON	01
	S1636-2	. CONTACT			02
PI041	10-17-2032	CONNECTOR - LED PANEL LIGHT	V27264	(T206) 09639 & ON	01
	08-50-0114	. TERMINAL	V27264		03
QI002	NJM317F	REGULATOR - LED PANEL LIGHT	VS5416	(T206) 09639 & ON	01
RI006	S1904-5	RESISTOR - AVIONICS DIMMING		(T206) 09639 & ON	01
RI007	S1904-5	RESISTOR - PEDESTAL DIMMING		(T206) 09639 & ON	01
RI008	S1904-5	RESISTOR - SWITCH/CIRCUIT BREAKER PANEL DIMMING		(T206) 09639 & ON	01
RI009	S1904-5	RESISTOR - STANDBY INDICATORS DIMMING		(T206) 09639 & ON	01
RI011	CCF-553740F	RESISTOR	V91637	(T206) 09639 & ON	01
RI012	CCF-552611F	RESISTOR	V91637	(T206) 09639 & ON	01
UI014		THROTTLE/FLAP PANEL - LED LIGHTED			RF

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

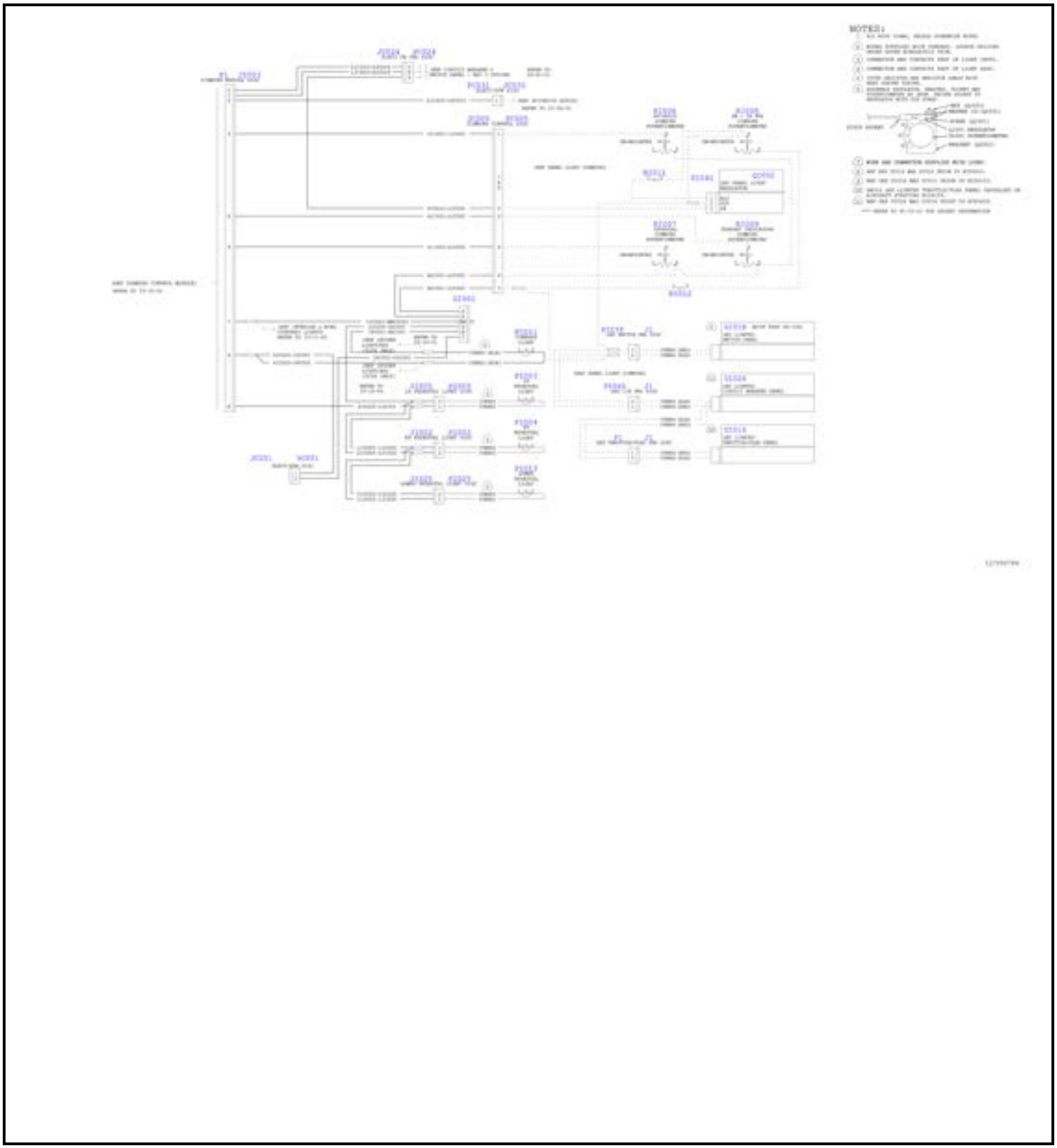
INSTRUMENT DIMMING WITH NAV III OPTION

AIRPLANES (T206) 09639 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	EFFECTIVITY	UNITS PER ASSY
UI018		SWITCH PANEL - LED LIGHTED WITH PROP DE-ICE * AIRPLANES (206) 08258 & ON WITH NAV III OPTION		RF
UI026		LED PANEL,CB-PROP HEAT		RF

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 06 : Sheet 01 : INSTRUMENT DIMMING WITH NAV III OPTION



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

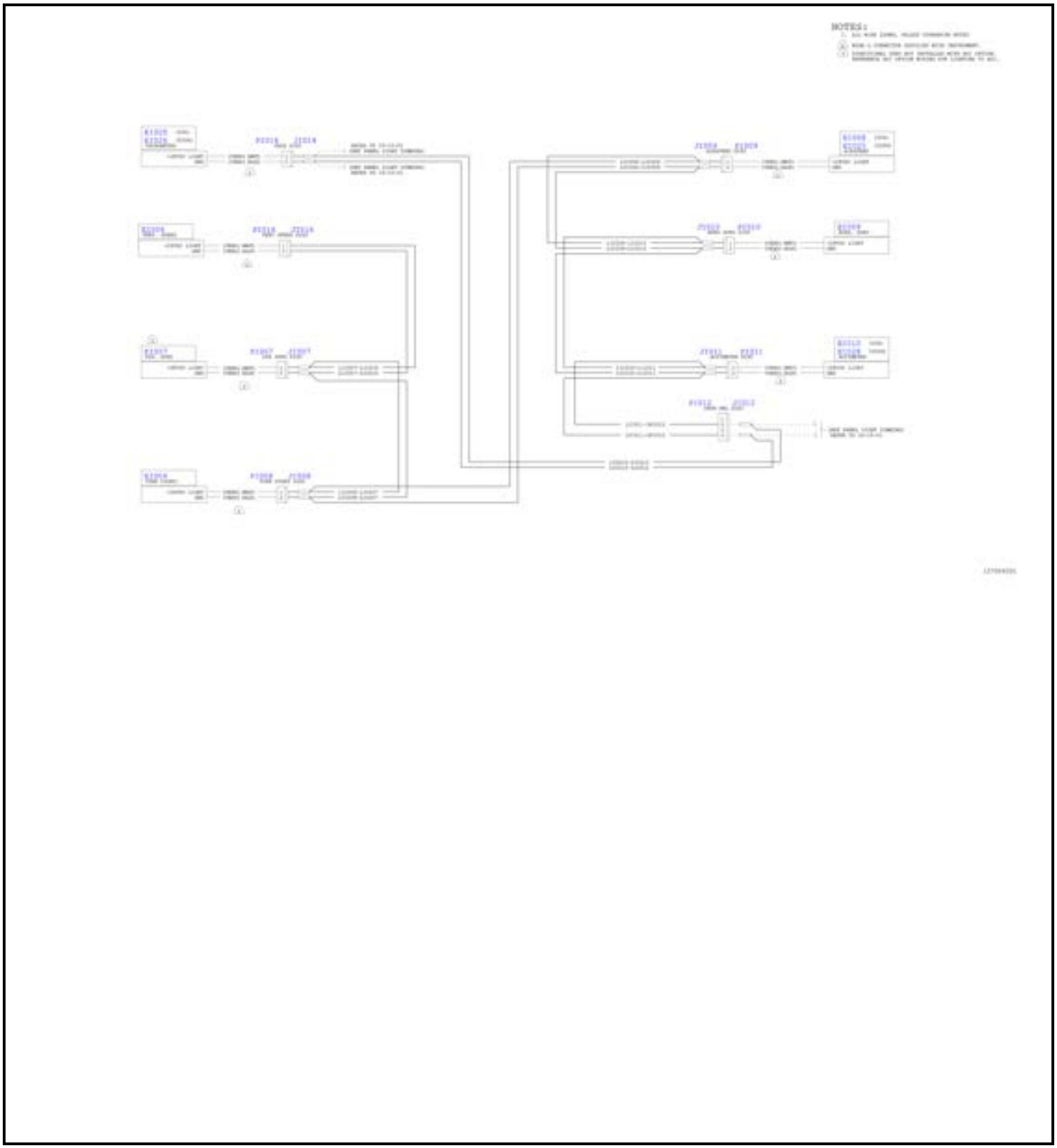
FLIGHT INSTRUMENTS

AIRPLANES (206) 08001 & ON AND AIRPLANES (T206) 08001 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
EI004	S3291-1	INDICATOR - TURN COORDINATOR		(206) 08001 & ON (T206) 08001 & ON	01
EI005		TACHOMETER (ZONE 220)			RF
EI006	S3327-1	INDICATOR - VERTICAL SPEED (ZONE 220)		(206) 08001 & ON (T206) 08001 & ON	01
EI007	S3330-2	INDICATOR - DIRECTIONAL GYRO (ZONE 220)		(206) 08001 & ON (T206) 08001 & ON	01
EI008	S3325-3	INDICATOR - AIRSPEED (ZONE 220)		(206) 08001 - 08050	01
EI008	S3325-8	INDICATOR - AIRSPEED (ZONE 220)		(206) 08051 & ON	01
EI009	S3326-1	INDICATOR - HORIZONTAL SITUATION (ZONE 220)		(206) 08001 & ON (T206) 08001 & ON	01
EI010	S3328-1	INDICATOR - ALTIMETER (ZONE 220)		(206) 08001 - 08178	01
EI010	S3327-1	INDICATOR - ALTIMETER (ZONE 220)		(206) 08179 & ON	01
EI025	S3325-7	INDICATOR - AIRSPEED (ZONE 220)		(T206) 08001 & ON	01
EI026	S3329-7	TACHOMETER (ZONE 220)		(T206) 08001 & ON	01
EI028	S3350-1	INDICATOR - ALTIMETER (ZONE 220)		(T206) 08001 - 08381	01
EI028	S3828-1	INDICATOR - ALTIMETER (ZONE 220)		(T206) 08382 & ON	01
JI007	S2035-2	CONNECTOR - DIRECTIONAL GYRO (ZONE 220)	V00779	(206) 08001 & ON (T206) 08001 & ON	01
	S1636-2	. CONTACT			AR
	S1636-1	. SOCKET			AR
JI008	S2035-2	CONNECTOR - TURN COORDINATOR (ZONE 220)	V00779	(206) 08001 & ON (T206) 08001 & ON	01
	S1636-2	. CONTACT			AR
	S1636-1	. SOCKET			AR
JI009	S2035-2	CONNECTOR - AIRSPEED INDICATOR (ZONE 220)	V00779	(206) 08001 & ON (T206) 08001 & ON	01
	S1636-2	. CONTACT			AR
	S1636-1	. SOCKET			AR
JI010	S2035-2	CONNECTOR - HORIZONTAL SITUATION INDICATOR (ZONE 220)	V00779	(206) 08001 & ON (T206) 08001 & ON	01
	S1633-2	. CONTACT			AR
	S1636-2	. CONTACT			AR
	S1636-1	. SOCKET			AR
JI011	S2035-2	CONNECTOR - ALTIMETER (ZONE 220)	V00779	(206) 08001 & ON (T206) 08001 & ON	01
	S1636-1	. CONTACT			AR
	S1636-2	. CONTACT			AR
JI012	S1638-6	CONNECTOR - CENTER PANEL DISCONNECT (ZONE 211)		(206) 08001 & ON (T206) 08001 & ON	01
	S1636-2	. CONTACT			AR
	S1636-1	. SOCKET			AR
JI014	S2035-2	CONNECTOR - TACHOMETER DISCONNECT (ZONE 220)	V00779	(206) 08001 & ON (T206) 08001 & ON	01
	S1636-2	. CONTACT			AR
	S1636-1	. SOCKET			AR
JI016	S2035-2	CONNECTOR - VERTICAL SPEED INDICATOR (ZONE 220)	V00779	(206) 08001 & ON (T206) 08001 & ON	01
	S1636-1	. CONTACT			01
PI007	1-480319-0	CONNECTOR - DIRECTIONAL GYRO (ZONE 220)	V10402	(206) 08001 & ON (T206) 08001 & ON	01
	60618-4	. PIN	V00779		01
PI008	S2035-1	CONNECTOR - TURN COORDINATOR DISCONNECT (ZONE 220)		(206) 08001 & ON (T206) 08001 & ON	01
	S1635-1	. PIN	V49367		02
PI009	1-480319-0	CONNECTOR - AIRSPEED DISCONNECT (ZONE 220)	V10402	(206) 08001 & ON (T206) 08001 & ON	01
	60618-4	. PIN	V00779		01
PI010	1-480319-0	CONNECTOR - HORIZONTAL GYRO DISCONNECT (ZONE 220)	V10402	(206) 08001 & ON (T206) 08001 & ON	01
	60618-4	. PIN	V00779		01
PI011	S2035-1	CONNECTOR - ALTIMETER DISCONNECT (ZONE 220)		(206) 08001 & ON (T206) 08001 & ON	01
	S1635-1	. PIN	V49367		02
PI012	S1638-4	CONNECTOR - CENTER PANEL DISCONNECT (ZONE 225)		(206) 08001 & ON (T206) 08001 & ON	01
	S1635-1	. PIN	V49367		02
PI014		CONNECTOR - TACHOMETER DISCONNECT (ZONE 220)			RF
PI016	S2035-1	CONNECTOR - VERTICAL SPEED DISCONNECT (ZONE 220)		(206) 08001 & ON (T206) 08001 & ON	01
	S1635-1	. PIN	V49367		02

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 01 : Sheet 01 : FLIGHT INSTRUMENTS



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

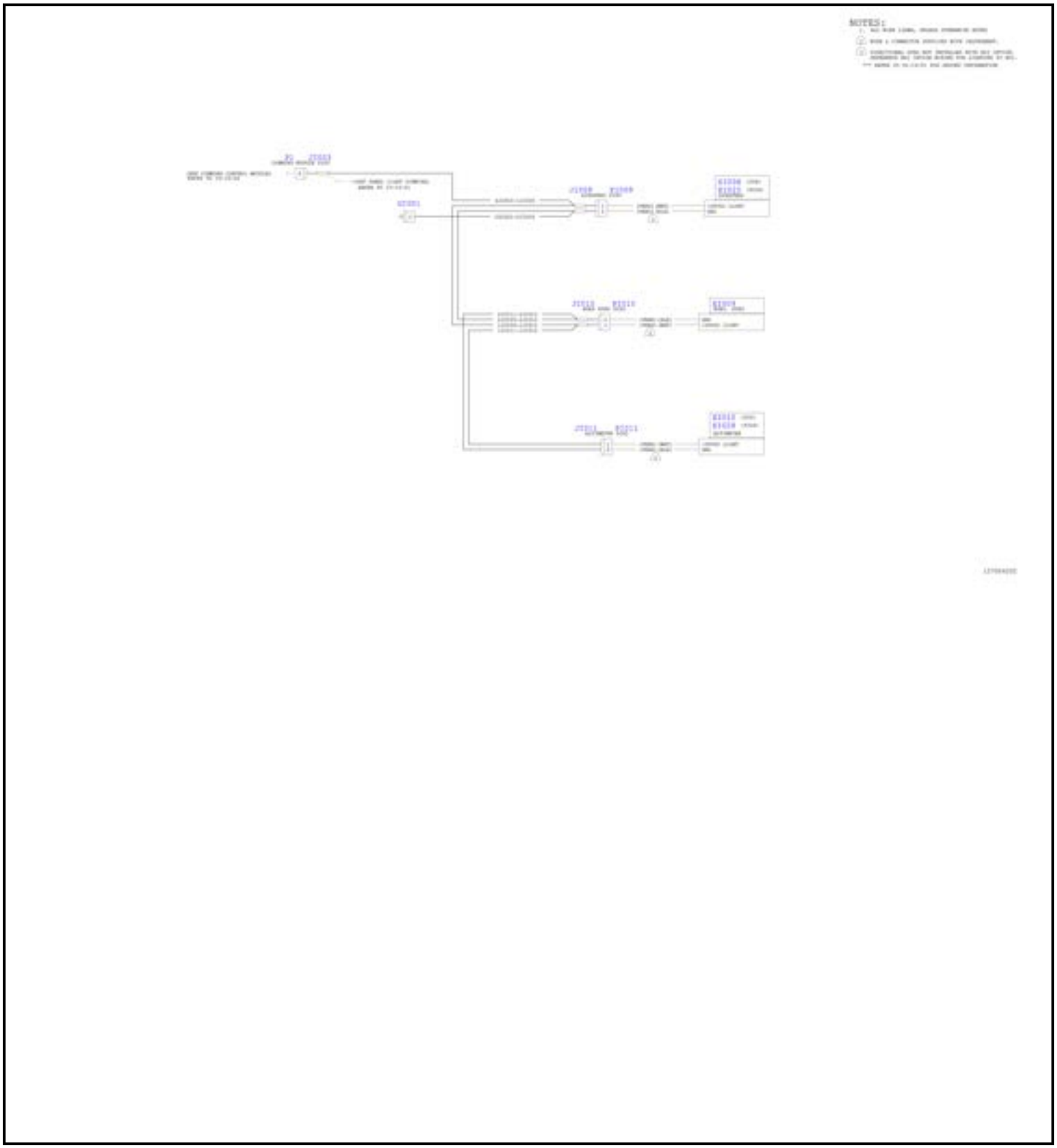
FLIGHT INSTRUMENTS

AIRPLANES (206) 08215 & ON WITH NAV III OPTION AND AIRPLANES (T206) 08450 & ON WITH NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
EI008	S3325-8	INDICATOR - AIRSPEED (ZONE 220)		(206) 08051 & ON	01
EI009	S3326-1	INDICATOR - HORIZONTAL SITUATION (ZONE 220)		(206) 08215 & ON (T206) 08450 & ON	01
EI010	S3327-1	INDICATOR - ALTIMETER (ZONE 220)		(206) 08179 & ON	01
EI025	S3325-7	INDICATOR - AIRSPEED (ZONE 220)		(T206) 08001 & ON	01
EI028	S3828-1	INDICATOR - ALTIMETER (ZONE 220)		(T206) 08382 & ON	01
GI001	S2527-1	GROUND STUD FOR SPARES ORDER (MUST REPLACE WITH): S2099-2		(206) 08215 & ON (T206) 08450 & ON	01
	S2099-2	CONTACT		(206) 08215 & ON (T206) 08450 & ON	AR
	200838-2	. BLOCK	V00779		AR
	S2527-3	. CLAMP			AR
	S2099-13	. CONTACT			AR
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		02
	201846-1	. JACKSCREW	V00779		AR
	203618-1	. JACKSCREW	V00779		02
JI003	S1641-9	CONNECTOR - DIMMING MODULE DISCONNECT (ZONE 211)		(206) 08215 & ON (T206) 08450 & ON	01
	S1636-1	. CONTACT			07
	S1636-2	. CONTACT			02
JI009	S2035-2	CONNECTOR - AIRSPEED INDICATOR (ZONE 220)	V00779	(206) 08215 & ON (T206) 08450 & ON	01
	S1636-2	. CONTACT			AR
	S1636-1	. SOCKET			AR
JI010	S2035-2	CONNECTOR - HORIZONTAL SITUATION INDICATOR (ZONE 220)	V00779	(206) 08215 & ON (T206) 08450 & ON	01
	S1633-2	. CONTACT			AR
	S1636-2	. CONTACT			AR
	S1636-1	. SOCKET			AR
JI011	S2035-2	CONNECTOR - ALTIMETER (ZONE 220)	V00779	(206) 08215 & ON (T206) 08450 & ON	01
	S1636-1	. CONTACT			AR
	S1636-2	. CONTACT			AR
P1	S1640-9	CONNECTOR - DIMMING MODULE DISCONNECT (ZONE 211)		(206) 08215 & ON (T206) 08450 & ON	01
	S1635-1	. CONTACT	V49367		08
PI009	1-480319-0	CONNECTOR - AIRSPEED DISCONNECT (ZONE 220)	V10402	(206) 08215 & ON (T206) 08450 & ON	01
	60618-4	. PIN	V00779		01
PI010	1-480319-0	CONNECTOR - HORIZONTAL GYRO DISCONNECT (ZONE 220)	V10402	(206) 08215 & ON (T206) 08450 & ON	01
	60618-4	. PIN	V00779		01
PI011	S2035-1	CONNECTOR - ALTIMETER DISCONNECT (ZONE 220)		(206) 08215 & ON (T206) 08450 & ON	01
	S1635-1	. PIN	V49367		02

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 02 : Sheet 01 : FLIGHT INSTRUMENTS



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

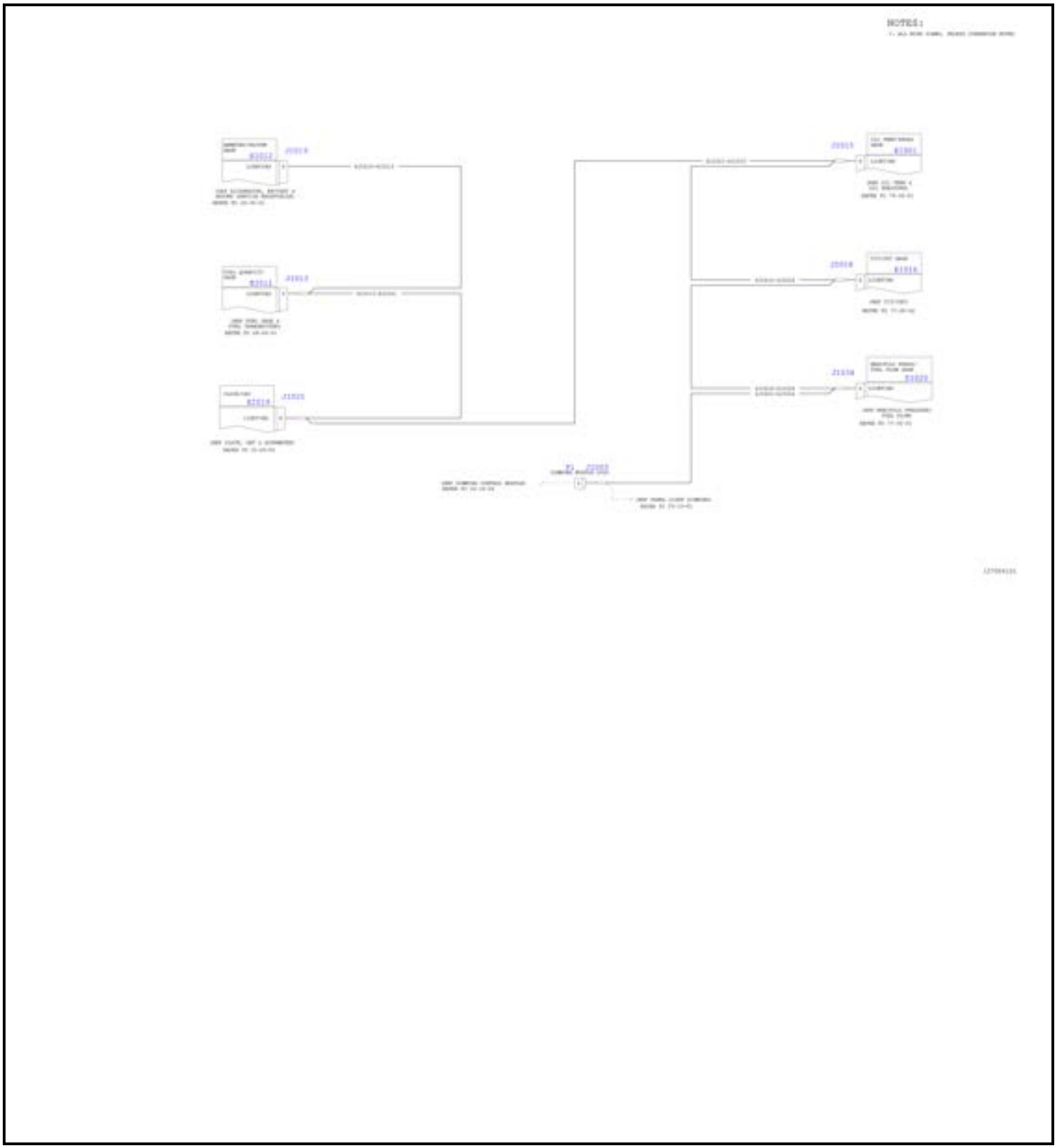
ENGINE INSTRUMENTS

AIRPLANES (T206) 08001 & ON WITHOUT NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
EI001	S3279-1	GAGE - OIL TEMPERATURE/OIL PRESSURE (ZONE 220)		(T206) 08001 & ON	01
EI011	S3317-3	INDICATOR - FUEL QUANTITY (ZONE 220)		(T206) 08001 & ON	01
EI012	S3280-1	INDICATOR - AMMETER/VACUUM (ZONE 220)		(T206) 08001 & ON	01
EI016	S3318-2	INDICATOR - TIT/CHT (ZONE 220)		(T206) 08001 - 08361	01
EI016	S3318-4	INDICATOR - TIT/CHT (ZONE 220)		(T206) 08362 & ON	01
EI019	M803B-2-0/28V-B	INDICATOR - CLOCK/OAT (ZONE 220)	V63131	(206) 08001 - 08173 (206) 08190 & ON (T206) 08001 - 08361 (T206) 08388 & ON	01
EI020	S3374-1	INDICATOR - MANIFOLD PRESSURE/FUEL FLOW (ZONE 220)		(T206) 08001 & ON	01
JI003	S1641-9	CONNECTOR - DIMMING MODULE DISCONNECT (ZONE 211)		(T206) 08001 & ON	01
	S1636-1	. CONTACT			07
	S1636-2	. CONTACT			02
JI013	S2349-3	CONNECTOR - FUEL QUANTITY (ZONE 220)		(T206) 08001 & ON	01
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
	S2414-1	. KEYING PLUG			AR
JI015	S2349-3	CONNECTOR - OIL TEMP/PRESSURE GAUGE (ZONE 220)		(T206) 08001 & ON	01
	S2099-3	. CONTACT			01
	S2099-4	. CONTACT	V00779		04
	S2414-1	. KEYING PLUG			01
JI018	S2349-3	CONNECTOR - TIT/CHT GAGE (ZONE 220)		(T206) 08001 & ON	01
	S2099-3	. CONTACT			01
	S2099-4	. CONTACT	V00779		04
	S2414-1	. KEYING PLUG			01
JI019	S2349-3	CONNECTOR - AMMETER VACUUM GAGE (ZONE 220) FOR SPARES ORDER (MUST REPLACE WITH): S2099-2		(T206) 08001 & ON	01
	S2099-2	CONTACT		(T206) 08001 & ON	03
	S2099-4	. CONTACT	V00779		AR
	S2414-1	. KEYING PLUG			01
JI021	RD9F00JVL0	CONNECTOR - STALL DETECTOR (ZONE 510)	V28198	(T206) 08001 & ON	01
	FC6020D	. CONTACT	V28198		AR
JI034	S2349-3	CONNECTOR - MANIFOLD PRES/FUEL FLOW GAGE (ZONE 220) FOR SPARES ORDER (MUST REPLACE WITH): S2099-1		(T206) 08001 & ON	01
	S2099-1	CONTACT		(T206) 08001 & ON	01
	S2099-3	. CONTACT			01
	S2099-4	. CONTACT	V00779		05
	S2414-1	. KEYING PLUG			01
P1	S1640-9	CONNECTOR - DIMMING MODULE DISCONNECT (ZONE 211)		(T206) 08001 & ON	01
	S1635-1	. CONTACT	V49367		08

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 01 : Sheet 01 : ENGINE INSTRUMENTS



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

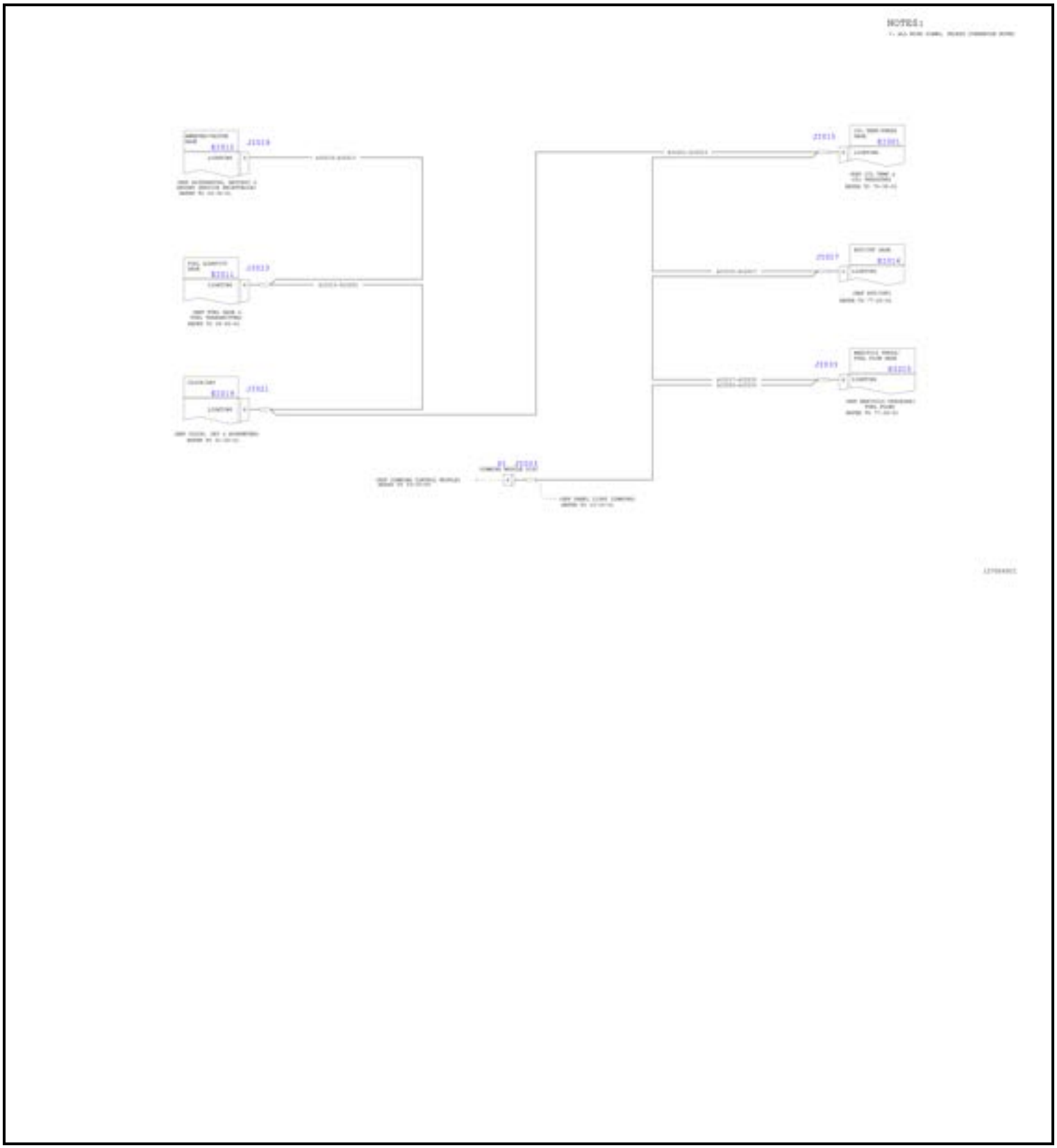
ENGINE INSTRUMENTS

AIRPLANES (206) 08001 & ON WITHOUT NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
EI001	S3279-1	GAGE - OIL TEMPERATURE/OIL PRESSURE (ZONE 220)		(206) 08001 & ON	01
EI011	S3317-3	INDICATOR - FUEL QUANTITY (ZONE 220)		(206) 08001 & ON	01
EI012	S3280-1	INDICATOR - AMMETER/VACUUM (ZONE 220)		(206) 08001 & ON	01
EI014	S3305-3	INDICATOR - TIT/CHT (ZONE 220)		(206) 08001 - 08114	01
EI014	S3305-5	INDICATOR - TIT/CHT (ZONE 220)		(206) 08115 - 08173	01
EI014	S3305-7	INDICATOR - TIT/CHT (ZONE 220)		(206) 08174 & ON	01
EI015	S3355-3	INDICATOR - MANIFOLD PRESSURE/FUEL FLOW (ZONE 220)		(206) 08001 & ON	01
EI019	M803B-2-0/28V-B	INDICATOR - CLOCK/OAT (ZONE 220)	V63131	(206) 08001 - 08173 (206) 08190 & ON (T206) 08001 - 08361 (T206) 08388 & ON	01
JI003	S1641-9	CONNECTOR - DIMMING MODULE DISCONNECT (ZONE 211)		(206) 08001 & ON	01
	S1636-1	. CONTACT			07
	S1636-2	. CONTACT			02
JI013	S2349-3	CONNECTOR - FUEL QUANTITY (ZONE 220)		(206) 08001 & ON	01
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
	S2414-1	. KEYING PLUG			AR
JI015	S2349-3	CONNECTOR - OIL TEMP/PRESSURE GAUGE (ZONE 220)		(206) 08001 & ON	01
	S2099-3	. CONTACT			01
	S2099-4	. CONTACT	V00779		04
	S2414-1	. KEYING PLUG			01
JI017	S2349-3	CONNECTOR - EGT/CHT GAGE (ZONE 220)		(206) 08001 & ON	01
	S2099-3	. CONTACT			01
	S2099-4	. CONTACT	V00779		04
	S2414-1	. KEYING PLUG			01
JI019	S2349-3	CONNECTOR - AMMETER VACUUM GAGE (ZONE 220) FOR SPARES ORDER (MUST REPLACE WITH): S2099-2		(206) 08001 & ON	01
	S2099-2	CONTACT		(206) 08001 & ON	03
	S2099-4	. CONTACT	V00779		AR
	S2414-1	. KEYING PLUG			01
JI021	RD9F00JVL0	CONNECTOR - STALL DETECTOR (ZONE 510)	V28198	(206) 08001 & ON	01
	FC6020D	. CONTACT	V28198		AR
JI033	S2349-3	CONNECTOR - MANIFOLD PRES/FUEL FLOW GAGE (ZONE 220)		(206) 08001 & ON	01
	S2099-3	. CONTACT			01
	S2099-4	. CONTACT	V00779		04
	S2414-1	. KEYING PLUG			01
P1	S1640-9	CONNECTOR - DIMMING MODULE DISCONNECT (ZONE 211)		(206) 08001 & ON	01
	S1635-1	. CONTACT	V49367		08

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 02 : Sheet 01 : ENGINE INSTRUMENTS



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

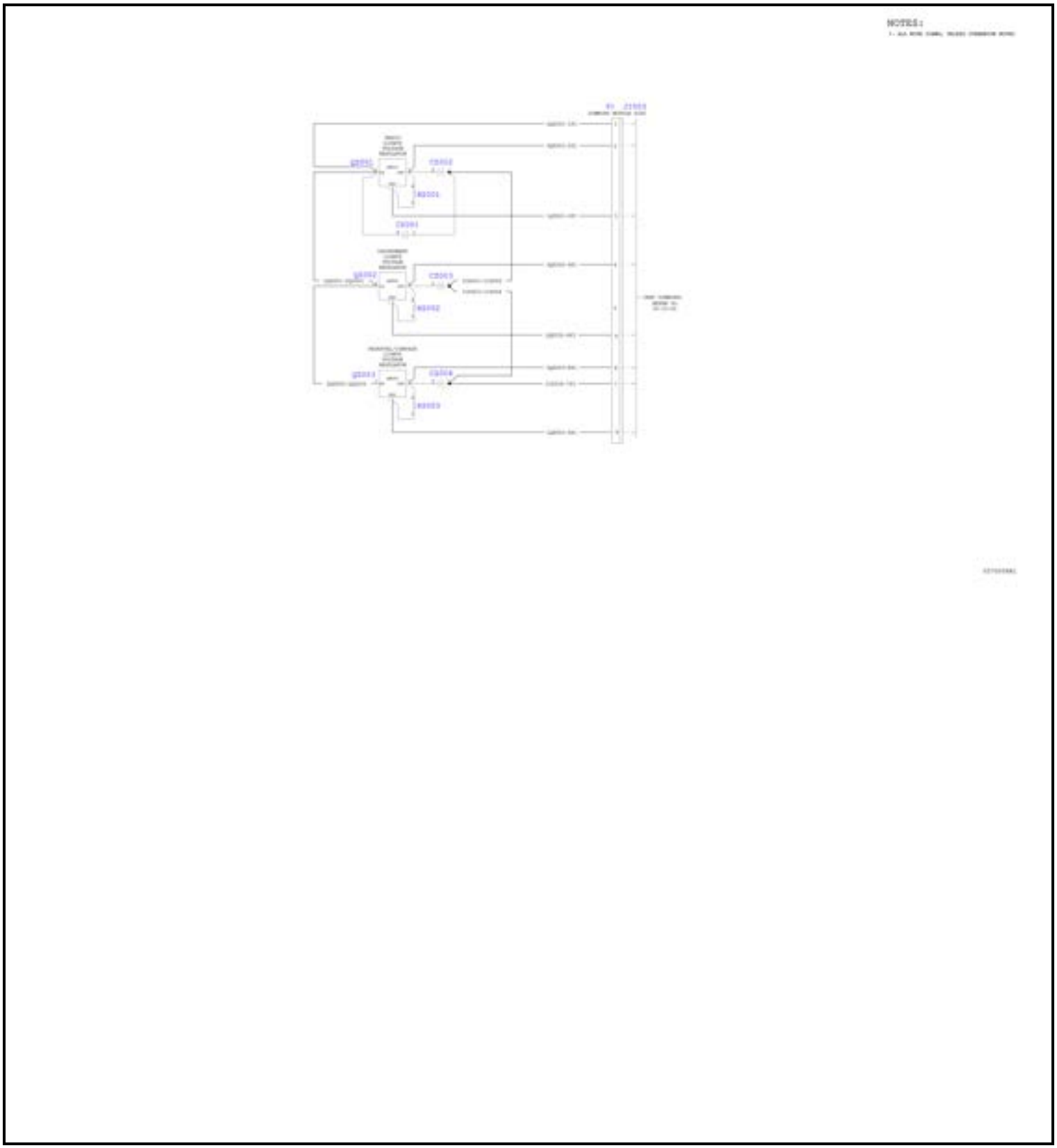
DIMMING CONTROL MODULE

AIRPLANES (206) 08001 THRU 08214 AND AIRPLANES (T206) 08001 THRU 08449

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
CZ001	CSR13-2356	CAPACITOR - DIMMING (ZONE 211)	V37942	(206) 08001 - 08214 (T206) 08001 - 08449	01
CZ002	CSR13-2356	CAPACITOR - DIMMING (ZONE 211)	V37942	(206) 08001 - 08214 (T206) 08001 - 08449	01
CZ003	CSR13-2356	CAPACITOR - DIMMING (ZONE 211)	V37942	(206) 08001 - 08214 (T206) 08001 - 08449	01
CZ004	CSR13-2356	CAPACITOR - DIMMING (ZONE 211)	V37942	(206) 08001 - 08214 (T206) 08001 - 08449	01
JI003	S1641-9	CONNECTOR - DIMMING MODULE DISCONNECT (ZONE 211)		(206) 08001 - 08214 (T206) 08001 - 08449	01
	S1636-1	. CONTACT			07
	S1636-2	. CONTACT			02
P1	S1640-9	CONNECTOR - DIMMING MODULE DISCONNECT (ZONE 211)		(206) 08001 - 08214 (T206) 08001 - 08449	01
	S1635-1	. CONTACT	V49367		08
QZ001	LM350K	VOLTAGE REGULATOR - RADIO LIGHTS (ZONE 211)	V07688	(206) 08001 - 08214 (T206) 08001 - 08449	01
QZ002	LM350K	VOLTAGE REGULATOR - INSTRUMENT LIGHTS (ZONE 211)	V07688	(206) 08001 - 08214 (T206) 08001 - 08449	01
QZ003	LM350K	VOLTAGE REGULATOR - PEDESTAL/COMPASS LIGHTS (ZONE 211)	V07688	(206) 08001 - 08214 (T206) 08001 - 08449	01
RZ001	CCF-552430F	RESISTOR (ZONE 211)	V91637	(206) 08001 - 08214 (T206) 08001 - 08449	01
RZ002	CCF-552430F	RESISTOR (ZONE 211)	V91637	(206) 08001 - 08214 (T206) 08001 - 08449	01
RZ003	CCF-552430F	RESISTOR (ZONE 211)	V91637	(206) 08001 - 08214 (T206) 08001 - 08449	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 01 : Sheet 01 : DIMMING CONTROL MODULE



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

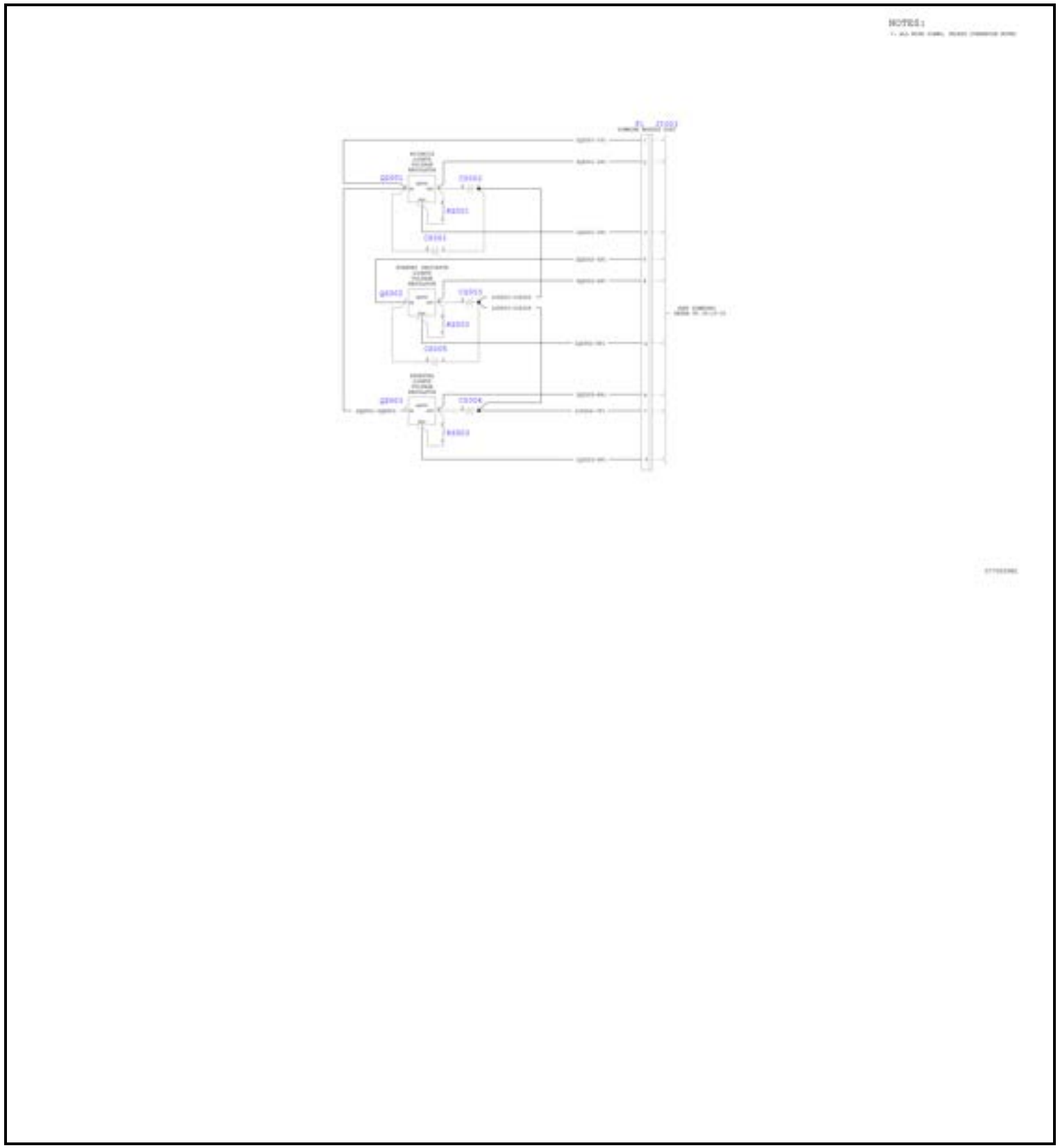
DIMMING CONTROL MODULE

AIRPLANES (206) 08215 & ON AND AIRPLANES (T206) 08450 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
CZ001	CSR13-2356	CAPACITOR - DIMMING (ZONE 211)	V37942	(206) 08215 & ON (T206) 08450 & ON	01
CZ002	CSR13-2356	CAPACITOR - DIMMING (ZONE 211)	V37942	(206) 08215 & ON (T206) 08450 & ON	01
CZ003	CSR13-2356	CAPACITOR - DIMMING (ZONE 211)	V37942	(206) 08215 & ON (T206) 08450 & ON	01
CZ004	CSR13-2356	CAPACITOR - DIMMING (ZONE 211)	V37942	(206) 08215 & ON (T206) 08450 & ON	01
CZ005	CSR13-2356	CAPACITOR	V37942	(206) 08215 & ON (T206) 08450 & ON	01
JI003	S1641-9	CONNECTOR - DIMMING MODULE DISCONNECT (ZONE 211)		(206) 08215 & ON (T206) 08450 & ON	01
	S1636-1	. CONTACT			07
	S1636-2	. CONTACT			02
P1	S2035-1	CONNECTOR - STALL WARNING HORN DISCONNECT (ZONE 620, 520)		(206) 08215 & ON (T206) 08450 & ON	01
	S1635-1	. CONTACT	V49367		AR
QZ001	LM350K	VOLTAGE REGULATOR - RADIO LIGHTS (ZONE 211)	V07688	(206) 08215 & ON (T206) 08450 & ON	01
QZ002	LM350K	VOLTAGE REGULATOR - INSTRUMENT LIGHTS (ZONE 211)	V07688	(206) 08215 & ON (T206) 08450 & ON	01
QZ003	LM350K	VOLTAGE REGULATOR - PEDESTAL/COMPASS LIGHTS (ZONE 211)	V07688	(206) 08215 & ON (T206) 08450 & ON	01
RZ001	CCF-552430F	RESISTOR (ZONE 211)	V91637	(206) 08215 & ON (T206) 08450 & ON	01
RZ002	CCF-552430F	RESISTOR (ZONE 211)	V91637	(206) 08215 & ON (T206) 08450 & ON	01
RZ003	CCF-552430F	RESISTOR (ZONE 211)	V91637	(206) 08215 & ON (T206) 08450 & ON	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 02 : Sheet 01 : DIMMING CONTROL MODULE



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

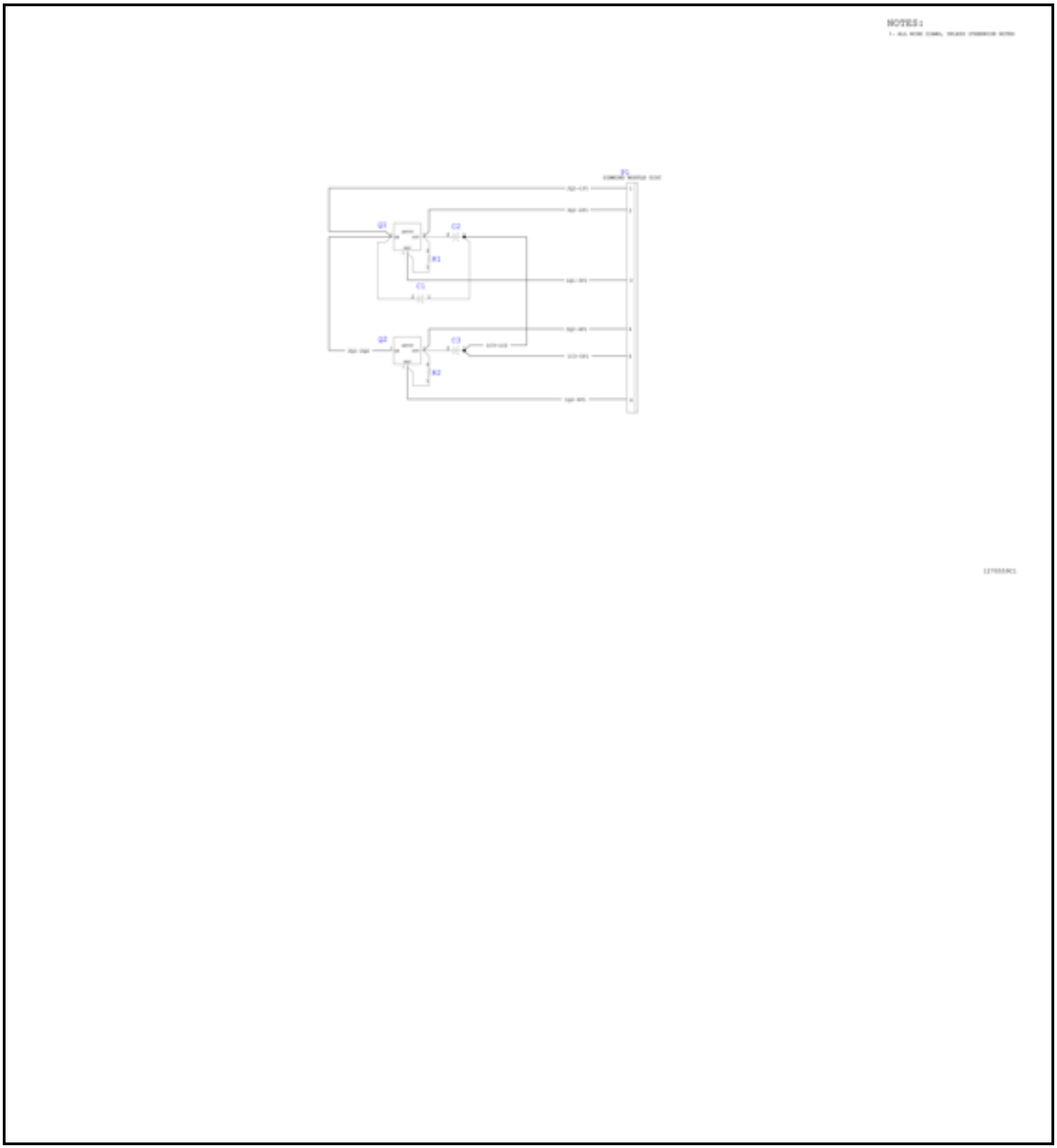
OVERHEAD LIGHTS DIMMING CONTROL MODULE

AIRPLANES (206) 08001 THRU 08208 AND AIRPLANES (T206) 08001 THRU 08437

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
C1	CY30C105M	CAPACITOR - DIMMING MODULE (ZONE 224)	V71590	(206) 08001 - 08208 (T206) 08001 - 08437	01
C2	CSR13-2356	CAPACITOR - DIMMING MODULE (ZONE 224)	V37942	(206) 08001 - 08208 (T206) 08001 - 08437	01
C3	CSR13-2356	CAPACITOR - DIMMING MODULE (ZONE 224)	V37942	(206) 08001 - 08208 (T206) 08001 - 08437	01
P1	S1640-9	CONNECTOR - DIMMING MODULE DISCONNECT (ZONE 211)		(206) 08001 - 08208 (T206) 08001 - 08437	01
	S1635-1	. CONTACT	V49367		08
Q1	LM350K	VOLTAGE REGULATOR (ZONE 224)	V07688	(206) 08001 - 08208 (T206) 08001 - 08437	01
Q2	LM350K	VOLTAGE REGULATOR (ZONE 224)	V07688	(206) 08001 - 08208 (T206) 08001 - 08437	01
R1	3852A162-152A	POTENTIOMETER - MAP LIGHT (ZONE 222) FOR SPARES ORDER (MUST REPLACE WITH): S2619-1	V00779	(206) 08001 - 08208 (T206) 08001 - 08437	01
	S2619-1	POTENTIOMETER	V81640	(206) 08001 - 08208 (T206) 08001 - 08437	01
R2	CCF-5571R5F	RESISTOR (ZONE 222)		(206) 08001 - 08208 (T206) 08001 - 08437	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 01 : Sheet 01 : OVERHEAD LIGHTS DIMMING CONTROL MODULE



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

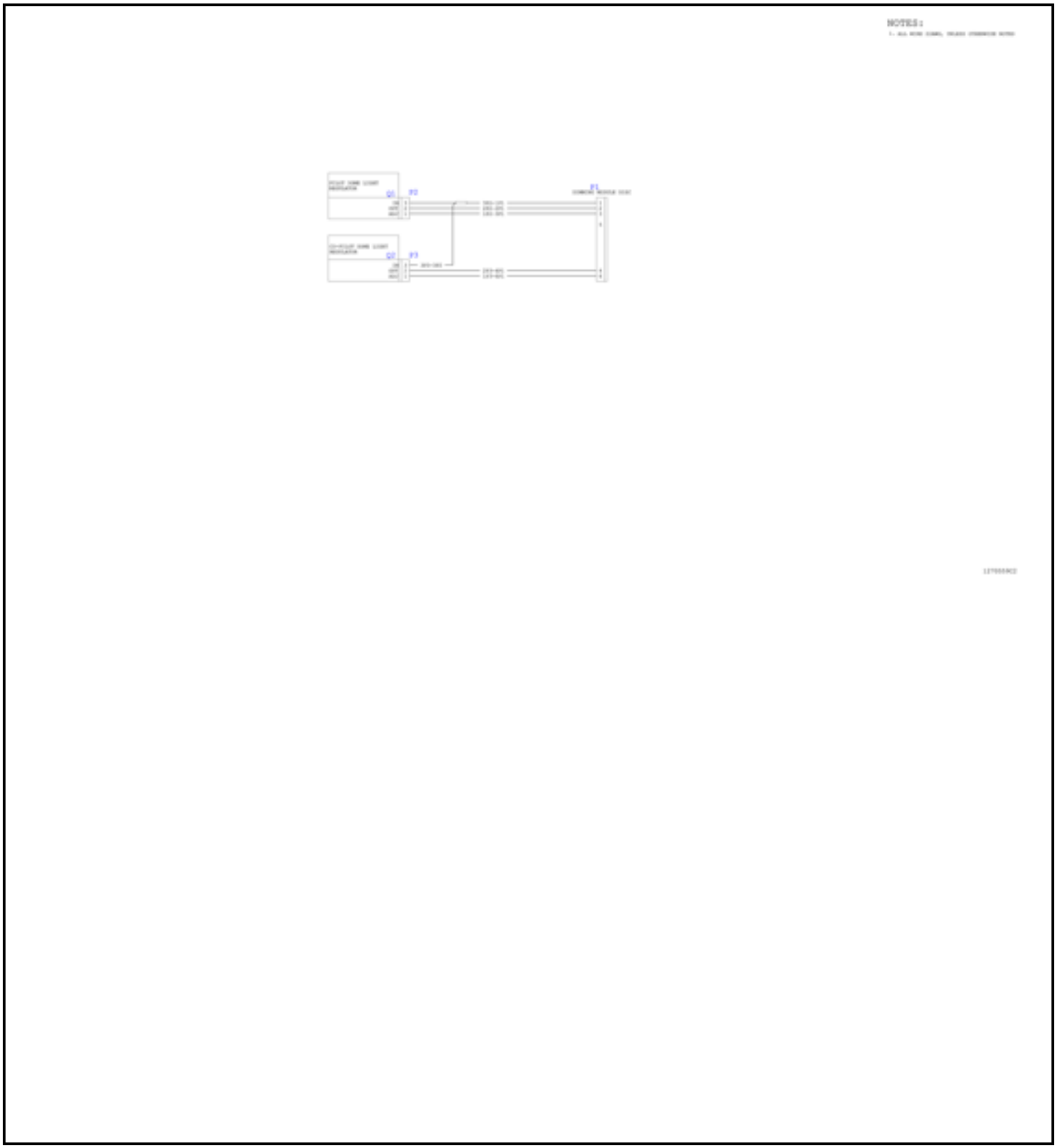
OVERHEAD LIGHTS DIMMING CONTROL MODULE

AIRPLANES (206) 08209 & ON AND AIRPLANES (T206) 08438 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
P1	S1640-6	CONNECTOR - PROPELLER DE-ICE (ZONE 224)		(206) 08209 & ON (T206) 08438 & ON	01
	S1635-1	. CONTACT	V49367		06
P2	350767-1	CONNECTOR - POWER SUPPLY DISCONNECT	V33497	(206) 08209 & ON (T206) 08438 & ON	01
	350547-7	. PIN	V00779		03
P3		CONNECTOR			RF
Q1	LM350K	VOLTAGE REGULATOR (ZONE 224)	V07688	(206) 08209 & ON (T206) 08438 & ON	01
Q2	LM350K	VOLTAGE REGULATOR (ZONE 224)	V07688	(206) 08209 & ON (T206) 08438 & ON	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 02 : Sheet 01 : OVERHEAD LIGHTS DIMMING CONTROL MODULE



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

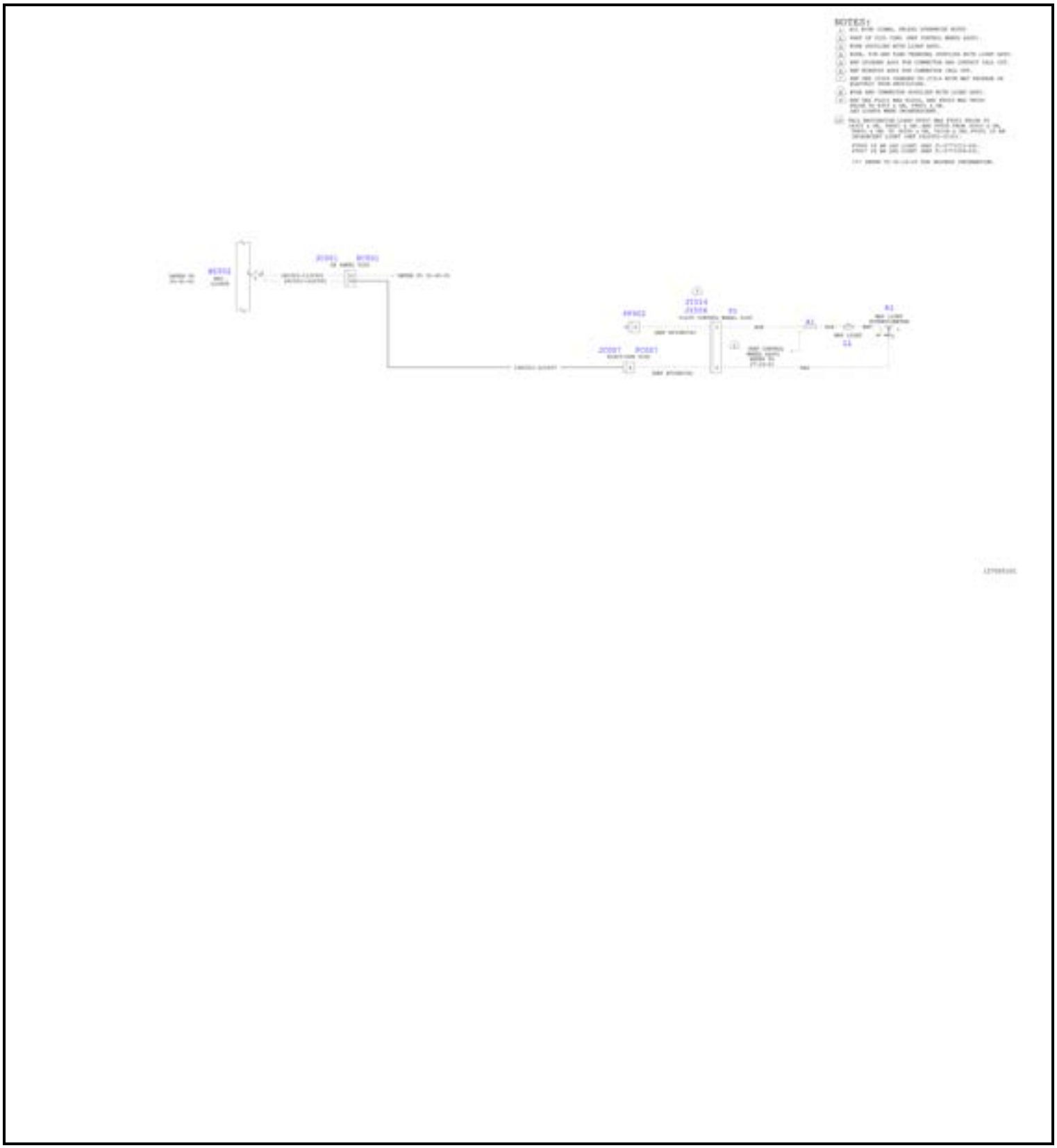
MAP LIGHTS

AIRPLANES (206) 08001 THRU 08173 AND AIRPLANES (T206) 08001 THRU 08361

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
A1	S1370-1	CONNECTOR - SWITCH PANEL DISCONNECT		(206) 08001 - 08173 (T206) 08001 - 08361	01
HI002	CM3589-5	CIRCUIT BREAKER - NAVIGATION LIGHTS (ZONE 224)		(206) 08001 - 08173 (T206) 08001 - 08361	01
JC001	S2349-5	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08001 - 08173 (T206) 08001 - 08361	01
	S1636-2	. CONTACT			AR
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
JC007	S1641-9	CONNECTOR - ELECTRICAL/AVIONIC DISCONNECT		(206) 08001 - 08173 (T206) 08001 - 08361	01
	S1636-1	. CONTACT			AR
JI506	S1641-6	CONNECTOR - PILOT CONTROL WHEEL DISCONNECT (ZONE 222) * AIRPLANES (206) 08001 & ON WITHOUT NON-CANCELLABLE BRAKE MASTER CAUTION WARNING * AIRPLANES (T206) 08001 & ON WITHOUT NON-CANCELLABLE BRAKE MASTER CAUTION WARNING		(206) *08001 & ON (T206) *08001 & ON	02
	S1636-1	. CONTACT			03
JI514	S1641-9	CONNECTOR - PILOT'S CONTROL WHEEL (ZONE 222)		(206) 08001 - 08173 (T206) 08001 - 08361	01
	S1636-1	. CONTACT			AR
L1	24RB	LIGHT - MAP (ZONE 222)	V80204	(206) 08001 - 08173 (T206) 08001 - 08361	01
	S2521-1	. SOCKET			AR
P1		CONNECTOR - PILOT CONTROL WHEEL (ZONE 222)			RF
PC001	S2350-10	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08001 - 08173 (T206) 08001 - 08361	01
	S2350-4	. CONTACT	V00779		01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PC007	S1640-9	CONNECTOR - AVIONICS/ELECTRICAL DISCONNECT (ZONE 224)		(206) 08001 - 08173 (T206) 08001 - 08361	01
	S1635-1	. CONTACT	V49367		AR
	S1636-1	. SOCKET			AR
PF902	SK2701	CONNECTOR - GROUND (ZONE 211)	V28198	(206) 08001 - 08173 (T206) 08001 - 08361	01
	FC116N2	. CRIMP CONTACT	V28198		AR
	FC120N2	. CRIMP CONTACT	V28198		AR
R1	3852A162-152A	POTENTIOMETER - MAP LIGHT (ZONE 222) FOR SPARES ORDER (MUST REPLACE WITH): S2619-1	V00779	(206) 08001 - 08173 (T206) 08001 - 08361	01
	S2619-1	POTENTIOMETER	V81640	(206) 08001 - 08173 (T206) 08001 - 08361	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 01 : Sheet 01 : MAP LIGHTS



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

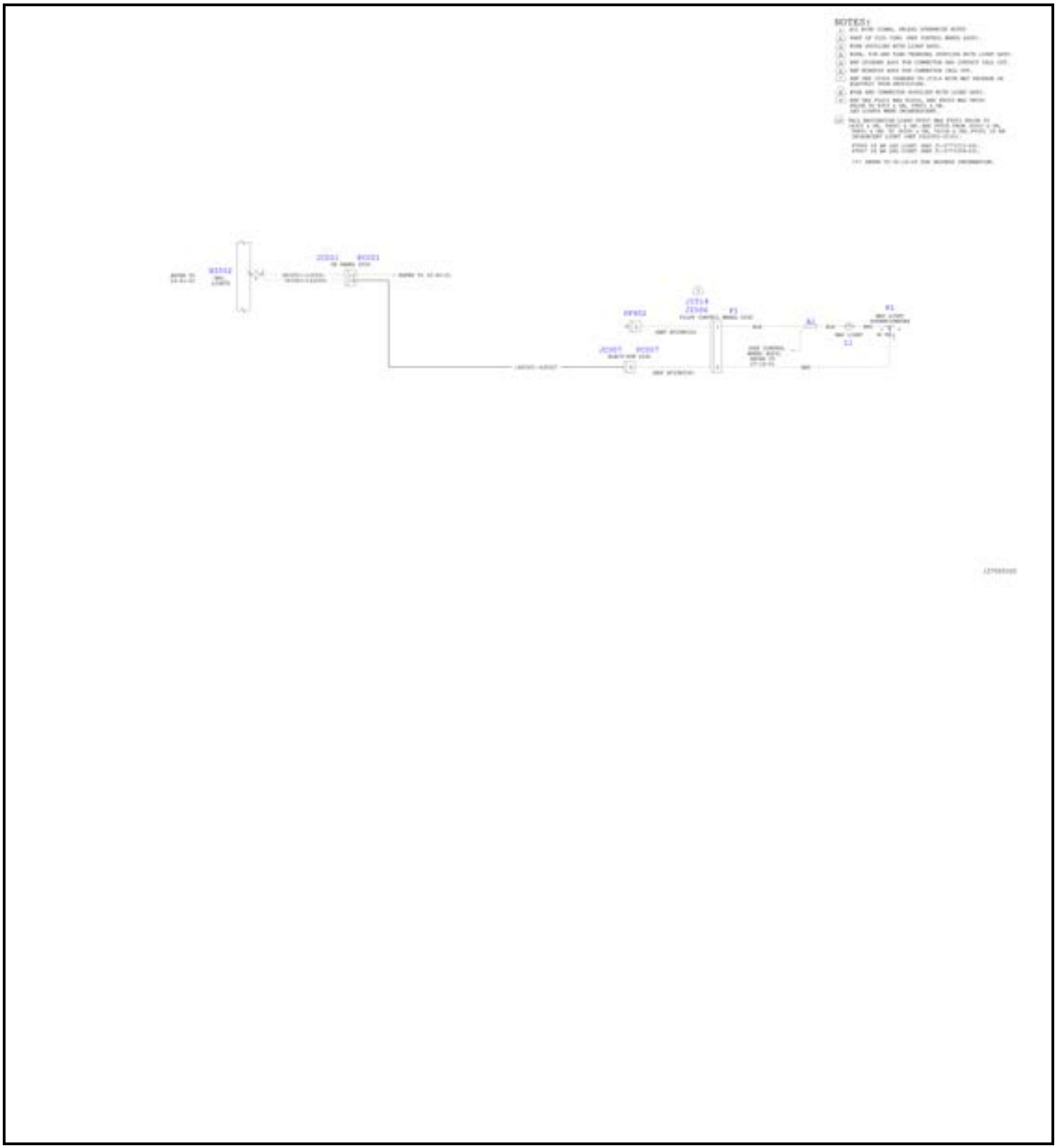
MAP LIGHTS

AIRPLANES (206) 08174 THRU 08208 AND AIRPLANES (T206) 08362 THRU 08437

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
A1	S1370-1	CONNECTOR - SWITCH PANEL DISCONNECT		(206) 08174 - 08208 (T206) 08362 - 08437	01
HI002	CM3589-5	CIRCUIT BREAKER - NAVIGATION LIGHTS (ZONE 224)		(206) 08174 - 08208 (T206) 08362 - 08437	01
JC001	S2349-5	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08174 - 08208 (T206) 08362 - 08437	01
	S1636-2	. CONTACT			AR
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
JC007	S1641-9	CONNECTOR - ELECTRICAL/AVIONIC DISCONNECT		(206) 08174 - 08208 (T206) 08362 - 08437	01
	S1636-1	. CONTACT			AR
JI506	S1641-6	CONNECTOR - PILOT CONTROL WHEEL DISCONNECT (ZONE 222) * AIRPLANES (206) 08001 & ON WITHOUT NON-CANCELLABLE BRAKE MASTER CAUTION WARNING * AIRPLANES (T206) 08001 & ON WITHOUT NON-CANCELLABLE BRAKE MASTER CAUTION WARNING		(206) *08001 & ON (T206) *08001 & ON	02
	S1636-1	. CONTACT			03
JI514	S1641-9	CONNECTOR - PILOT'S CONTROL WHEEL (ZONE 222)		(206) 08174 - 08208 (T206) 08362 - 08437	01
	S1636-1	. CONTACT			AR
L1	24RB	LIGHT - MAP (ZONE 222)	V80204	(206) 08174 - 08208 (T206) 08362 - 08437	01
	S2521-1	. SOCKET			AR
P1	S2035-1	CONNECTOR - STALL WARNING HORN DISCONNECT (ZONE 620, 520)		(206) 08174 - 08208 (T206) 08362 - 08437	01
	S1635-1	. CONTACT	V49367		AR
PC001	S2350-10	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08174 - 08208 (T206) 08362 - 08437	01
	S2350-4	. CONTACT	V00779		01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PC007	S1640-9	CONNECTOR - AVIONICS/ELECTRICAL DISCONNECT (ZONE 224)		(206) 08174 - 08208 (T206) 08362 - 08437	01
	S1635-1	. CONTACT	V49367		AR
	S1636-1	. SOCKET			AR
PF902	SK2701	CONNECTOR - GROUND (ZONE 211)	V28198	(206) 08174 - 08208 (T206) 08362 - 08437	01
	FC116N2	. CRIMP CONTACT	V28198		AR
	FC120N2	. CRIMP CONTACT	V28198		AR
R1	3852A162-152A	POTENTIOMETER - MAP LIGHT (ZONE 222) FOR SPARES ORDER (MUST REPLACE WITH): S2619-1	V00779	(206) 08174 - 08208 (T206) 08362 - 08437	01
	S2619-1	POTENTIOMETER	V81640	(206) 08174 - 08208 (T206) 08362 - 08437	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 02 : Sheet 01 : MAP LIGHTS



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

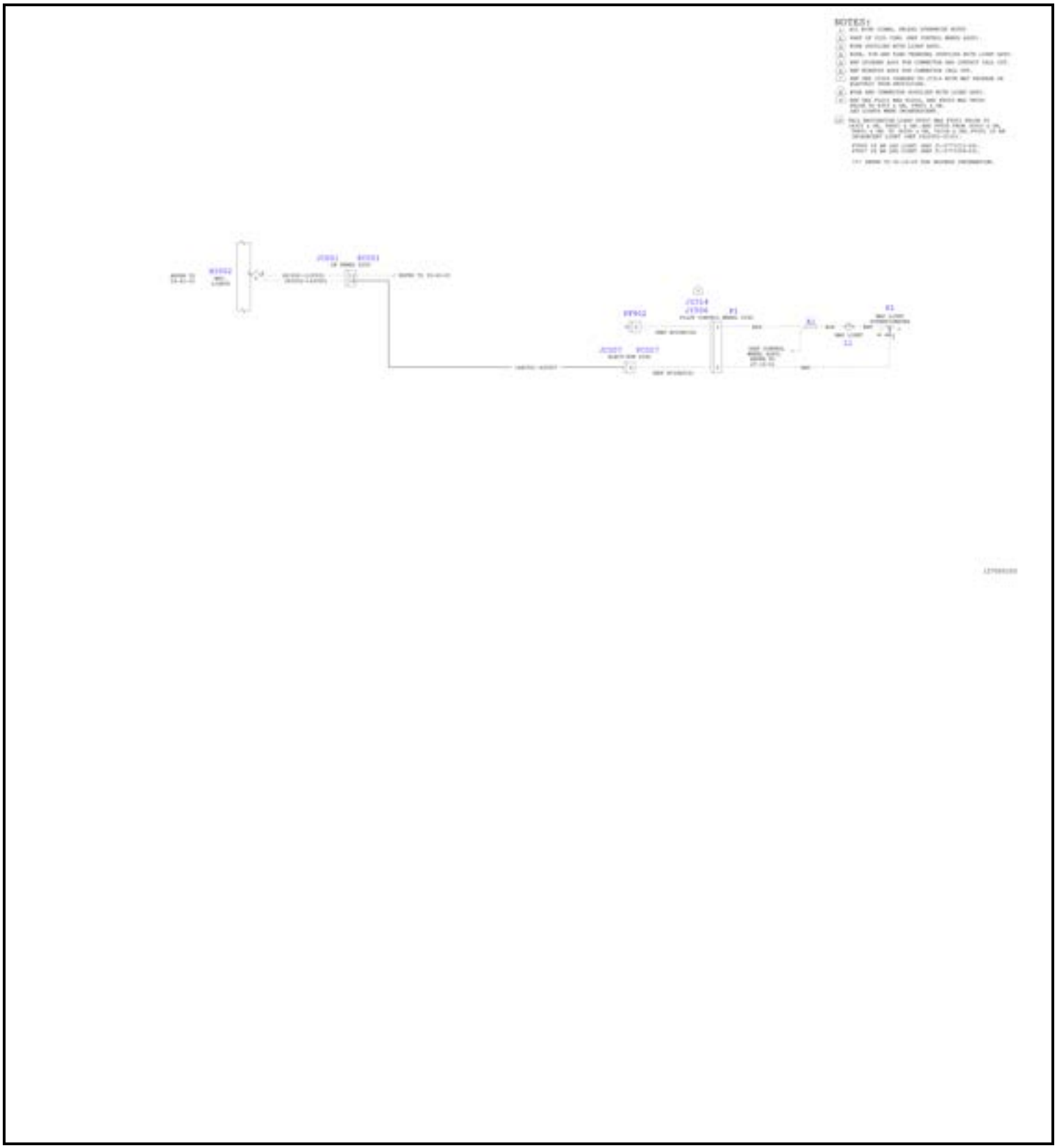
MAP LIGHTS

AIRPLANES (206) 08209 & ON AND AIRPLANES (T206) 08438 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
A1	S1370-1	CONNECTOR - SWITCH PANEL DISCONNECT		(206) 08209 & ON (T206) 08438 & ON	01
HI002	CM3589-5	CIRCUIT BREAKER - NAVIGATION LIGHTS (ZONE 224)		(206) 08209 & ON (T206) 08438 & ON	01
JC001	S2349-5	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08209 & ON (T206) 08438 & ON	01
	S1636-2	. CONTACT			AR
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
JC007	S1641-9	CONNECTOR - ELECTRICAL/AVIONIC DISCONNECT		(206) 08209 & ON (T206) 08438 & ON	01
	S1636-1	. CONTACT			AR
JI506	S1641-6	CONNECTOR - PILOT CONTROL WHEEL DISCONNECT (ZONE 222) * AIRPLANES (206) 08001 & ON WITHOUT NON-CANCELLABLE BRAKE MASTER CAUTION WARNING * AIRPLANES (T206) 08001 & ON WITHOUT NON-CANCELLABLE BRAKE MASTER CAUTION WARNING		(206) *08001 & ON (T206) *08001 & ON	02
	S1636-1	. CONTACT			03
JI514	S1641-9	CONNECTOR - PILOT'S CONTROL WHEEL (ZONE 222)		(206) 08209 & ON (T206) 08438 & ON	01
	S1636-1	. CONTACT			AR
L1	24RB	LIGHT - MAP (ZONE 222)	V80204	(206) 08209 & ON (T206) 08438 & ON	01
	S2521-1	. SOCKET			AR
P1		CONNECTOR - PILOT CONTROL WHEEL (ZONE 222)			RF
PC001	S2350-10	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08209 & ON (T206) 08438 & ON	01
	S2350-4	. CONTACT	V00779		01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PC007	S1640-9	CONNECTOR - AVIONICS/ELECTRICAL DISCONNECT (ZONE 224)		(206) 08209 & ON (T206) 08438 & ON	01
	S1635-1	. CONTACT	V49367		AR
	S1636-1	. SOCKET			AR
PF902	SK2701	CONNECTOR - GROUND (ZONE 211)	V28198	(206) 08209 & ON (T206) 08438 & ON	01
	FC116N2	. CRIMP CONTACT	V28198		AR
	FC120N2	. CRIMP CONTACT	V28198		AR
R1	3852A162-152A	POTENTIOMETER - MAP LIGHT (ZONE 222) FOR SPARES ORDER (MUST REPLACE WITH): S2619-1	V00779	(206) 08209 & ON (T206) 08438 & ON	01
	S2619-1	POTENTIOMETER	V81640	(206) 08209 & ON (T206) 08438 & ON	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 03 : Sheet 01 : MAP LIGHTS



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

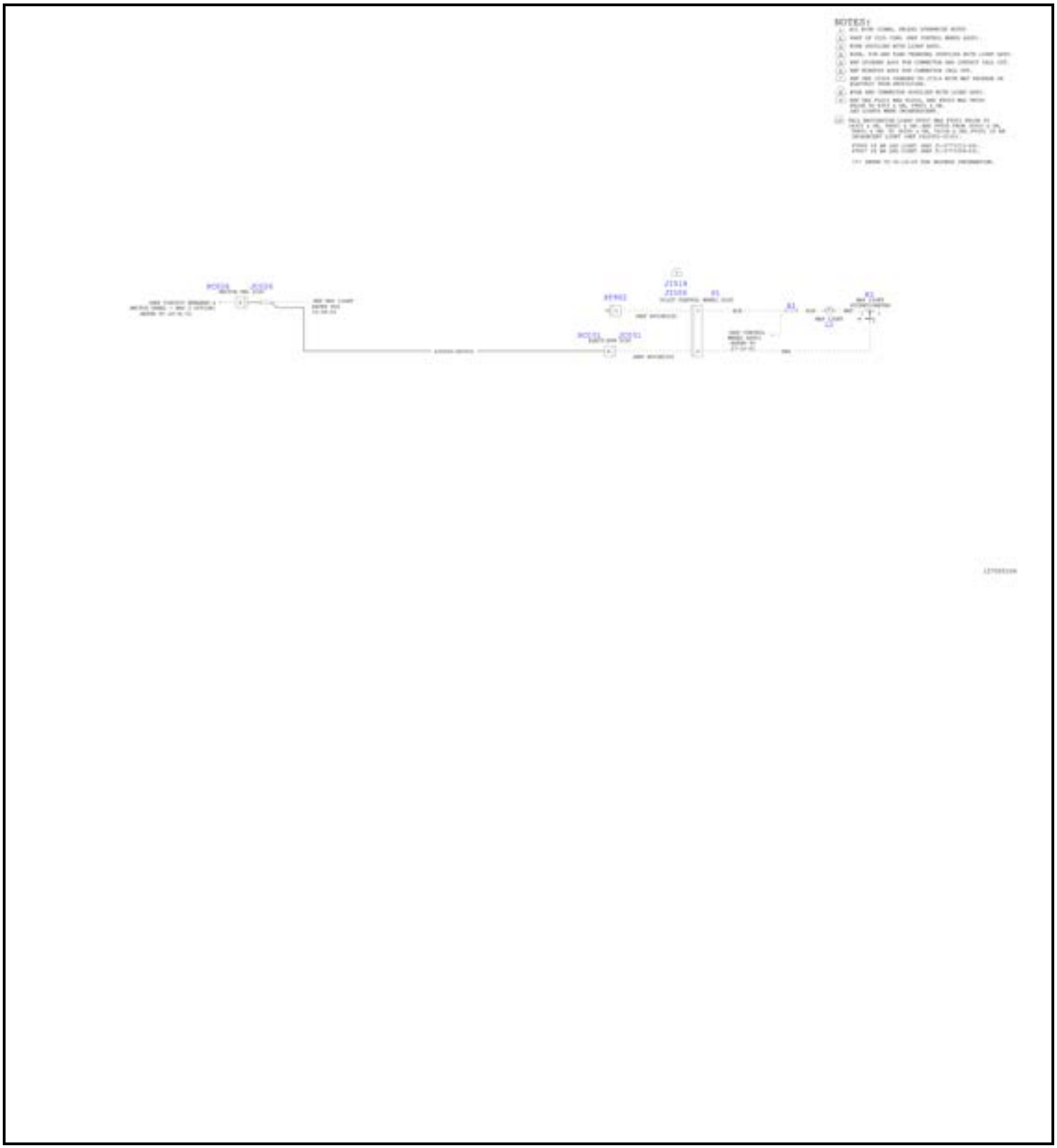
MAP LIGHTS

AIRPLANES (206) 08215 & ON WITH NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
A1	S1370-1	CONNECTOR - SWITCH PANEL DISCONNECT		(206) 08215 & ON	01
JC026	S2350-3	RECEPTACLE - SWITCH PANEL DISCONNECT (ZONE 120)		(206) 08215 & ON	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
	S2353-6	. CONTACT			AR
	S3373-1	. CONTACT			AR
	S2353-3	. PIN	V00779		AR
JC031	S2350-4	CONNECTOR - ELECTRICAL/AVIONIC DISCONNECT	V00779	(206) 08215 & ON	01
	S2353-5	. PIN			AR
JI506	S1641-6	CONNECTOR - PILOT CONTROL WHEEL DISCONNECT (ZONE 222) * AIRPLANES (206) 08001 & ON WITHOUT NON-CANCELLABLE BRAKE MASTER CAUTION WARNING * AIRPLANES (T206) 08001 & ON WITHOUT NON-CANCELLABLE BRAKE MASTER CAUTION WARNING		(206) *08001 & ON (T206) *08001 & ON	02
	S1636-1	. CONTACT			03
JI514	S1641-9	CONNECTOR - PILOT'S CONTROL WHEEL (ZONE 222)		(206) 08215 & ON	01
	S1636-1	. CONTACT			AR
L1	24RB	LIGHT - MAP (ZONE 222)	V80204	(206) 08215 & ON	01
	S2521-1	. SOCKET			AR
P1	S2035-1	CONNECTOR - STALL WARNING HORN DISCONNECT (ZONE 620, 520)		(206) 08215 & ON	01
	S1635-1	. CONTACT	V49367		AR
PC026	S2349-1	PLUG - SWITCH PANEL DISCONNECT	V00779	(206) 08215 & ON	01
	S2099-3	. CONTACT			02
	S2099-4	. CONTACT	V00779		09
	S3373-2	. CONTACT			AR
PC031	S2349-3	CONNECTOR - ELECTRICAL/AVIONIC DISCONNECT		(206) 08215 & ON	01
	S2099-4	. CONTACT	V00779		06
PF902	SK2701	CONNECTOR - GROUND (ZONE 211)	V28198	(206) 08215 & ON	01
	FC116N2	. CRIMP CONTACT	V28198		AR
	FC120N2	. CRIMP CONTACT	V28198		AR
R1	3852A162-152A	POTENTIOMETER - MAP LIGHT (ZONE 222) FOR SPARES ORDER (MUST REPLACE WITH): S2619-1	V00779	(206) 08215 & ON	01
	S2619-1	POTENTIOMETER	V81640	(206) 08215 & ON	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 04 : Sheet 01 : MAP LIGHTS



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

INTERIOR AND WING COURTESY LIGHTS

AIRPLANES (206) 08001 THRU 08138 AND AIRPLANES (T206) 08001 THRU 08259

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
FC002	4595-1	LIGHT - PILOT DOME (ZONE 210)	V83564	(206) 08001 - 08138 (T206) 08001 - 08259	01
FC005	4595-1	LIGHT - CENTER PASSENGER DOME (ZONE 210)	V83564	(206) 08001 - 08138 (T206) 08001 - 08259	01
FC007	4595-1	LIGHT - AFT PASSENGER DOME (ZONE 210)	V83564	(206) 08001 - 08138 (T206) 08001 - 08259	01
FF002	4595-1	LIGHT - CO-PILOT DOME (ZONE 210)	V83564	(206) 08001 - 08138 (T206) 08001 - 08259	01
FL004	MS35489-134	LIGHT - LEFT COURTESY (ZONE 510)		(206) 08001 - 08138 (T206) 08001 - 08259	01
FR002	MS35489-134	LIGHT - RIGHT COURTESY (ZONE 610)		(206) 08001 - 08138 (T206) 08001 - 08259	01
GI001	S2527-1	GROUND STUD FOR SPARES ORDER (MUST REPLACE WITH): S2099-2		(206) 08001 - 08138 (T206) 08001 - 08259	01
	S2099-2	CONTACT		(206) 08001 - 08138 (T206) 08001 - 08259	AR
	200838-2	. BLOCK	V00779		AR
	S2527-3	. CLAMP			AR
	S2099-13	. CONTACT			AR
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		02
	201846-1	. JACKSCREW	V00779		AR
	203618-1	. JACKSCREW	V00779		02
GL010	1208001-2	GROUND STUD (ZONE 510)		(206) 08001 - 08138 (T206) 08001 - 08259	01
GR010	1208001-2	GROUND STUD (ZONE 610)		(206) 08001 - 08138 (T206) 08001 - 08259	01
HI003	S1360-5L	CIRCUIT BREAKER		(206) 08001 - 08138 (T206) 08001 - 08259	01
J1		CONNECTOR			RF
J2	S1637-2	CONNECTOR - LEFT COURTESY LIGHT DISCONNECT (ZONE 510)		(206) 08001 - 08138 (T206) 08001 - 08259	01
J2	S1637-2	CONNECTOR - RIGHT COURTESY LIGHT DISCONNECT (ZONE 610)		(206) 08001 - 08138 (T206) 08001 - 08259	01
JC001	S2349-5	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08001 - 08138 (T206) 08001 - 08259	01
	S1636-2	. CONTACT			AR
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
JC011	S1641-9	CONNECTOR - OVERHEAD DISCONNECT (ZONE 210)		(206) 08001 - 08138 (T206) 08001 - 08259	01
	S1636-1	. CONTACT			AR
	S1636-2	. CONTACT			AR
JI003	S1641-9	CONNECTOR - DIMMING MODULE DISCONNECT (ZONE 211)		(206) 08001 - 08138 (T206) 08001 - 08259	01
	S1636-1	. CONTACT			07
	S1636-2	. CONTACT			02
JI026	S1641-6	CONNECTOR - DIMMING MODULE DISC (ZONE 224)		(206) 08001 - 08138 (T206) 08001 - 08259	01
	S1636-1	. CONTACT			06
JL002	S1641-12	CONNECTOR - LEFT WING DISCONNECT (ZONE 520)		(206) 08001 - 08138 (T206) 08001 - 08259	01
	S1636-1	. CONTACT			AR
	S1636-2	. CONTACT			AR
JR001	S1636-2	CONNECTOR - RIGHT WING DISCONNECT (ZONE 620)		(206) 08001 - 08138 (T206) 08001 - 08259	01
	S1636-1	. CONTACT			AR
	S1641-9	. SOCKET			AR
P1	S1640-9	CONNECTOR - DIMMING MODULE DISCONNECT (ZONE 211)		(206) 08001 - 08138 (T206) 08001 - 08259	01
	S1635-1	. CONTACT	V49367		08
PC001	S2350-10	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08001 - 08138 (T206) 08001 - 08259	01
	S2350-4	. CONTACT	V00779		01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PC011	S1640-9	CONNECTOR - OVERHEAD DISCONNECT (ZONE 210)		(206) 08001 - 08138 (T206) 08001 - 08259	01
	S1635-1	. CONTACT	V49367		AR
	S1635-2	. CONTACT			AR
PL002	S1640-12	CONNECTOR - LEFT WING DISCONNECT (ZONE 510, 520)		(206) 08001 - 08138 (T206) 08001 - 08259	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

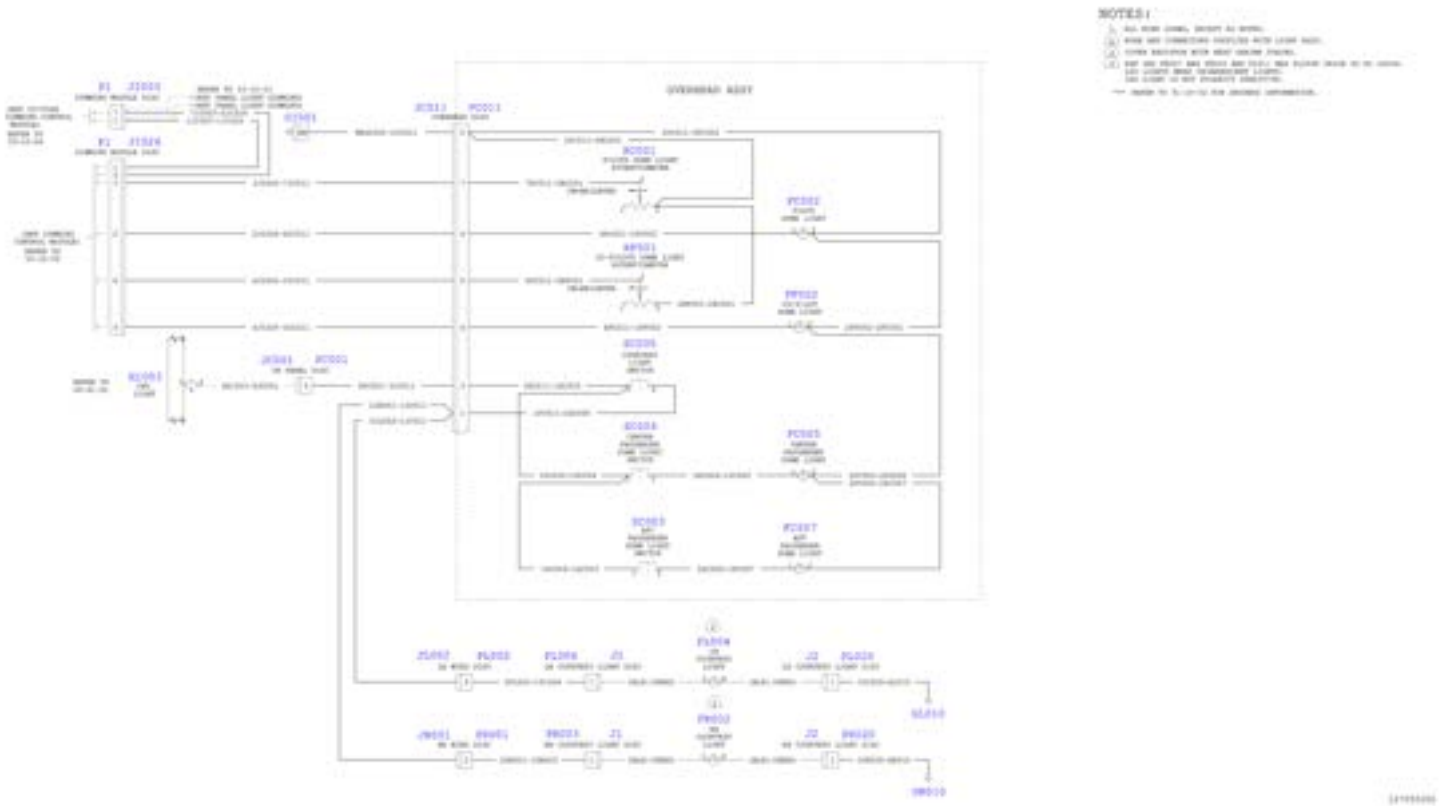
INTERIOR AND WING COURTESY LIGHTS

AIRPLANES (206) 08001 THRU 08138 AND AIRPLANES (T206) 08001 THRU 08259

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
	S1635-1	. CONTACT	V49367		AR
	S1635-2	. CONTACT			AR
PL004	S1637-1	CONNECTOR - LEFT COURTESY LIGHT DISCONNECT (ZONE 510)		(206) 08001 - 08138 (T206) 08001 - 08259	01
	S1635-1	. CONTACT	V49367		AR
PL020	S1637-1	CONNECTOR - LEFT COURTESY LIGHT DISCONNECT (ZONE 510)		(206) 08001 - 08138 (T206) 08001 - 08259	01
	S1635-1	. CONTACT	V49367		AR
PR001	S1640-9	CONNECTOR - RIGHT WING DISCONNECT (ZONE 620)		(206) 08001 - 08138 (T206) 08001 - 08259	01
	S1635-1	. CONTACT	V49367		AR
	S1635-2	. PIN			AR
PR003	S1637-1	CONNECTOR - RIGHT COURTESY LIGHT DISCONNECT (ZONE 620)		(206) 08001 - 08138 (T206) 08001 - 08259	01
	S1635-1	. PIN	V49367		AR
PR020	S1637-1	CONNECTOR - RIGHT COURTESY LIGHT DISCONNECT (ZONE 610)		(206) 08001 - 08138 (T206) 08001 - 08259	01
	S1635-1	. PIN	V49367		AR
RC001	S2619-1	POTENTIOMETER - PILOT'S DOME LIGHT (ZONE 210)	V81640	(206) 08001 - 08138 (T206) 08001 - 08259	01
RF001	S2619-1	POTENTIOMETER - CO-PILOT'S DOME LIGHT (ZONE 210)	V81640	(206) 08001 - 08138 (T206) 08001 - 08259	01
SC003	J20125-32	SWITCH - AFT PASSENGER DOME LIGHT (ZONE 210)	V81640	(206) 08001 - 08138 (T206) 08001 - 08259	01
SC004	J20125-32	SWITCH - CENTER PASSENGER DOME LIGHT (ZONE 210)	V81640	(206) 08001 - 08138 (T206) 08001 - 08259	01
SC005	J20125-32	SWITCH - COURTESY LIGHT (ZONE 210)	V81640	(206) 08001 - 08138 (T206) 08001 - 08259	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 01 : Sheet 01 : INTERIOR AND WING COURTESY LIGHTS



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

INTERIOR AND WING COURTESY LIGHTS

AIRPLANES (206) 08139 THRU 08208 AND AIRPLANES (T206) 08260 THRU 08437

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
FC002	4595-1	LIGHT - PILOT DOME (ZONE 210)	V83564	(206) 08139 - 08208 (T206) 08260 - 08437	01
FC005	4595-1	LIGHT - CENTER PASSENGER DOME (ZONE 210)	V83564	(206) 08139 - 08208 (T206) 08260 - 08437	01
FC007	4595-1	LIGHT - AFT PASSENGER DOME (ZONE 210)	V83564	(206) 08139 - 08208 (T206) 08260 - 08437	01
FF002	4595-1	LIGHT - CO-PILOT DOME (ZONE 210)	V83564	(206) 08139 - 08208 (T206) 08260 - 08437	01
FL004	MS35489-134	LIGHT - LEFT COURTESY (ZONE 510)		(206) 08139 - 08208 (T206) 08260 - 08437	01
FR002	MS35489-134	LIGHT - RIGHT COURTESY (ZONE 610)		(206) 08139 - 08208 (T206) 08260 - 08437	01
GI001	S2527-1	GROUND STUD FOR SPARES ORDER (MUST REPLACE WITH): S2099-2		(206) 08139 - 08208 (T206) 08260 - 08437	01
	S2099-2	CONTACT		(206) 08139 - 08208 (T206) 08260 - 08437	AR
	200838-2	. BLOCK	V00779		AR
	S2527-3	. CLAMP			AR
	S2099-13	. CONTACT			AR
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		02
	201846-1	. JACKSCREW	V00779		AR
	203618-1	. JACKSCREW	V00779		02
GL010	1208001-2	GROUND STUD (ZONE 510)		(206) 08139 - 08208 (T206) 08260 - 08437	01
GR010	1208001-2	GROUND STUD (ZONE 610)		(206) 08139 - 08208 (T206) 08260 - 08437	01
HI015	S1360-5L	CIRCUIT BREAKER - CABIN LIGHTS/POWER (ZONE 224)		(206) 08139 - 08208 (T206) 08260 - 08437	01
J1		CONNECTOR			RF
J2	S1637-2	CONNECTOR - RIGHT COURTESY LIGHT DISCONNECT (ZONE 610)		(206) 08139 - 08208 (T206) 08260 - 08437	01
J2	S1637-2	CONNECTOR - LEFT COURTESY LIGHT DISCONNECT (ZONE 510)		(206) 08139 - 08208 (T206) 08260 - 08437	01
JC001	S2349-5	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08139 - 08208 (T206) 08260 - 08437	01
	S1636-2	. CONTACT			AR
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
JC011	S1641-9	CONNECTOR - OVERHEAD DISCONNECT (ZONE 210)		(206) 08139 - 08208 (T206) 08260 - 08437	01
	S1636-1	. CONTACT			AR
	S1636-2	. CONTACT			AR
JI003	S1641-9	CONNECTOR - DIMMING MODULE DISCONNECT (ZONE 211)		(206) 08139 - 08208 (T206) 08260 - 08437	01
	S1636-1	. CONTACT			07
	S1636-2	. CONTACT			02
JI026	S1641-6	CONNECTOR - DIMMING MODULE DISC (ZONE 224)		(206) 08139 - 08208 (T206) 08260 - 08437	01
	S1636-1	. CONTACT			06
JL002	S1641-12	CONNECTOR - LEFT WING DISCONNECT (ZONE 520)		(206) 08139 - 08208 (T206) 08260 - 08437	01
	S1636-1	. CONTACT			AR
	S1636-2	. CONTACT			AR
JR001	S1636-2	CONNECTOR - RIGHT WING DISCONNECT (ZONE 620)		(206) 08139 - 08208 (T206) 08260 - 08437	01
	S1636-1	. CONTACT			AR
	S1641-9	. SOCKET			AR
P1	S1640-9	CONNECTOR - DIMMING MODULE DISCONNECT (ZONE 211)		(206) 08139 - 08208 (T206) 08260 - 08437	01
	S1635-1	. CONTACT	V49367		08
P1	S2035-1	CONNECTOR - STALL WARNING HORN DISCONNECT (ZONE 620, 520)		(206) 08139 - 08208 (T206) 08260 - 08437	01
	S1635-1	. CONTACT	V49367		AR
PC001	S2350-10	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08139 - 08208 (T206) 08260 - 08437	01
	S2350-4	. CONTACT	V00779		01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PC011	S1640-9	CONNECTOR - OVERHEAD DISCONNECT (ZONE 210)		(206) 08139 - 08208 (T206) 08260 - 08437	01
	S1635-1	. CONTACT	V49367		AR

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

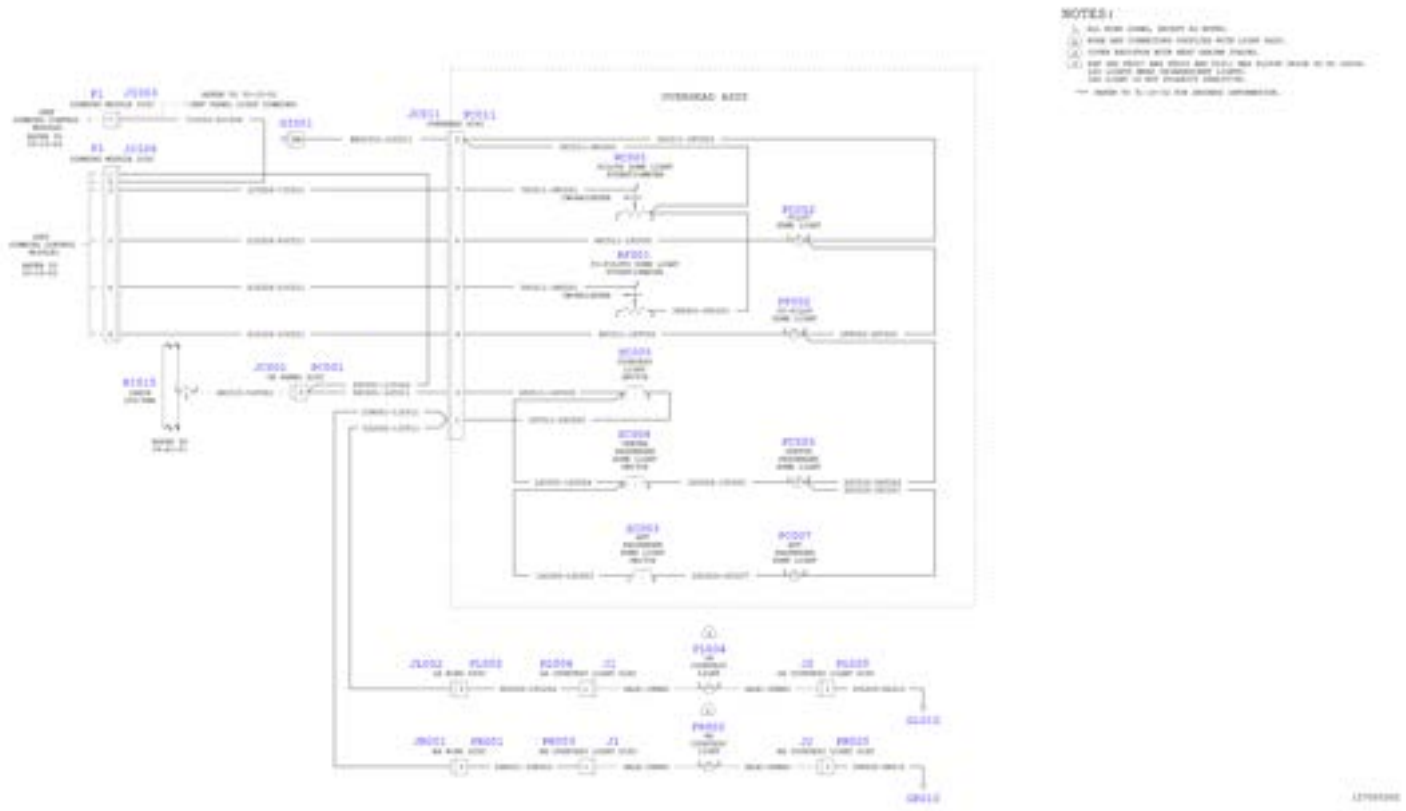
INTERIOR AND WING COURTESY LIGHTS

AIRPLANES (206) 08139 THRU 08208 AND AIRPLANES (T206) 08260 THRU 08437

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
	S1635-2	. CONTACT			AR
PL002	S1640-12	CONNECTOR - LEFT WING DISCONNECT (ZONE 510, 520)		(206) 08139 - 08208 (T206) 08260 - 08437	01
	S1635-1	. CONTACT	V49367		AR
	S1635-2	. CONTACT			AR
PL004	S1637-1	CONNECTOR - LEFT COURTESY LIGHT DISCONNECT (ZONE 510)		(206) 08139 - 08208 (T206) 08260 - 08437	01
	S1635-1	. CONTACT	V49367		AR
PL020	S1637-1	CONNECTOR - LEFT COURTESY LIGHT DISCONNECT (ZONE 510)		(206) 08139 - 08208 (T206) 08260 - 08437	01
	S1635-1	. CONTACT	V49367		AR
PR001	S1640-9	CONNECTOR - RIGHT WING DISCONNECT (ZONE 620)		(206) 08139 - 08208 (T206) 08260 - 08437	01
	S1635-1	. CONTACT	V49367		AR
	S1635-2	. PIN			AR
PR003	S1637-1	CONNECTOR - RIGHT COURTESY LIGHT DISCONNECT (ZONE 620)		(206) 08139 - 08208 (T206) 08260 - 08437	01
	S1635-1	. PIN	V49367		AR
PR020	S1637-1	CONNECTOR - RIGHT COURTESY LIGHT DISCONNECT (ZONE 610)		(206) 08139 - 08208 (T206) 08260 - 08437	01
	S1635-1	. PIN	V49367		AR
RC001	S2619-1	POTENTIOMETER - PILOT'S DOME LIGHT (ZONE 210)	V81640	(206) 08139 - 08208 (T206) 08260 - 08437	01
RF001	S2619-1	POTENTIOMETER - CO-PILOT'S DOME LIGHT (ZONE 210)	V81640	(206) 08139 - 08208 (T206) 08260 - 08437	01
SC003	J20125-32	SWITCH - AFT PASSENGER DOME LIGHT (ZONE 210)	V81640	(206) 08139 - 08208 (T206) 08260 - 08437	01
SC004	J20125-32	SWITCH - CENTER PASSENGER DOME LIGHT (ZONE 210)	V81640	(206) 08139 - 08208 (T206) 08260 - 08437	01
SC005	J20125-32	SWITCH - COURTESY LIGHT (ZONE 210)	V81640	(206) 08139 - 08208 (T206) 08260 - 08437	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 02 : Sheet 01 : INTERIOR AND WING COURTESY LIGHTS



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

INTERIOR AND WING COURTESY LIGHTS

AIRPLANES (206) 08209 & ON WITHOUT NAV III OPTION AND AIRPLANES (T206) 08438 & ON WITHOUT NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
FC008	RL6870-1	LIGHT - PILOT DOME (ZONE 210)	V1XE65	(206) 08209 & ON (T206) 08438 & ON	01
FC010	RL6870-1	LIGHT - CENTER PASSENGER DOME (ZONE .)	V1XE65	(206) 08209 & ON (T206) 08438 & ON	01
FC011	RL6870-1	LIGHT - AFT PASSENGER DOME (ZONE 210)	V1XE65	(206) 08209 & ON (T206) 08438 & ON	01
FF003	RL6870-1	LIGHT - CO-PILOT DOME (ZONE 210)	V1XE65	(206) 08209 & ON (T206) 08438 & ON	01
FL011		LIGHT ASSY - LEFT COURTESY, LED			RF
FR007		LIGHT ASSY - RIGHT COURTESY, LED			RF
GI001	S3270-2	GROUND BLOCK (ZONE 211) FOR SPARES ORDER (MUST REPLACE WITH): S2099-2		(206) 08209 & ON (T206) 08438 & ON	01
	S2099-2	GROUND STUD		(206) 08209 & ON (T206) 08438 & ON	01
	S2099-4	. CONTACT	V00779		AR
GL010	1208001-2	GROUND STUD (ZONE 510)		(206) 08209 & ON (T206) 08438 & ON	01
GR010	1208001-2	GROUND STUD (ZONE 610)		(206) 08209 & ON (T206) 08438 & ON	01
HI015	S1360-5L	CIRCUIT BREAKER - CABIN LIGHTS/POWER (ZONE 224)		(206) 08209 & ON (T206) 08438 & ON	01
J1	S1637-2	CONNECTOR - LEFT COURTESY LIGHT DISCONNECT (ZONE 510)		(206) 08209 & ON (T206) 08438 & ON	01
J2	S1637-2	CONNECTOR - LEFT COURTESY LIGHT DISCONNECT (ZONE 510)		(206) 08209 & ON (T206) 08438 & ON	01
JC001	S2349-5	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08209 & ON (T206) 08438 & ON	01
	S1636-2	. CONTACT			AR
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
JC011	S1641-9	CONNECTOR - OVERHEAD DISCONNECT (ZONE 210)		(206) 08209 & ON (T206) 08438 & ON	01
	S1636-1	. CONTACT			AR
	S1636-2	. CONTACT			AR
JI003	S1641-9	CONNECTOR - DIMMING MODULE DISCONNECT (ZONE 211)		(206) 08209 & ON (T206) 08438 & ON	01
	S1636-1	. CONTACT			07
	S1636-2	. CONTACT			02
JI026	S1641-6	CONNECTOR - DIMMING MODULE DISC (ZONE 224)		(206) 08209 & ON (T206) 08438 & ON	01
	S1636-1	. CONTACT			06
JL002	S1641-12	CONNECTOR - LEFT WING DISCONNECT (ZONE 520)		(206) 08209 & ON (T206) 08438 & ON	01
	S1636-1	. CONTACT			AR
	S1636-2	. CONTACT			AR
JR001	S1636-2	CONNECTOR - RIGHT WING DISCONNECT (ZONE 620)		(206) 08209 & ON (T206) 08438 & ON	01
	S1636-1	. CONTACT			AR
	S1641-9	. SOCKET			AR
P1	S1640-9	CONNECTOR - DIMMING MODULE DISCONNECT (ZONE 211)		(206) 08209 & ON (T206) 08438 & ON	01
	S1635-1	. CONTACT	V49367		08
PC001	S2350-10	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08209 & ON (T206) 08438 & ON	01
	S2350-4	. CONTACT	V00779		01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PC011	S1640-9	CONNECTOR - OVERHEAD DISCONNECT (ZONE 210)		(206) 08209 & ON (T206) 08438 & ON	01
	S1635-1	. CONTACT	V49367		AR
	S1635-2	. CONTACT			AR
PL002	S1640-12	CONNECTOR - LEFT WING DISCONNECT (ZONE 510, 520)		(206) 08209 & ON (T206) 08438 & ON	01
	S1635-1	. CONTACT	V49367		AR
	S1635-2	. CONTACT			AR
PL004	S1637-1	CONNECTOR - LEFT COURTESY LIGHT DISCONNECT (ZONE 510)		(206) 08209 & ON (T206) 08438 & ON	01
	S1635-1	. CONTACT	V49367		AR
PL020	S1637-1	CONNECTOR - LEFT COURTESY LIGHT DISCONNECT (ZONE 510)		(206) 08209 & ON (T206) 08438 & ON	01
	S1635-1	. CONTACT	V49367		AR

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

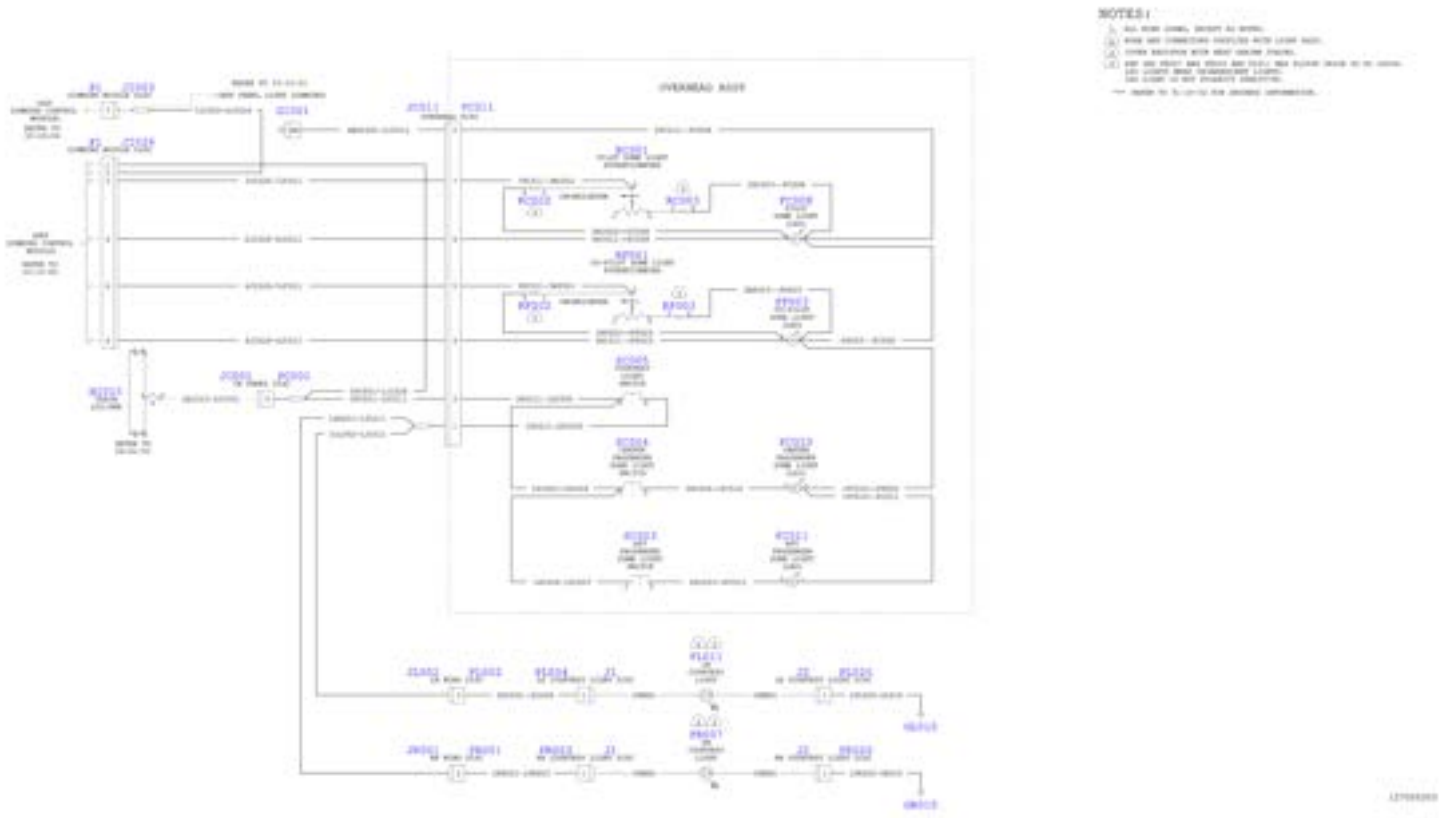
INTERIOR AND WING COURTESY LIGHTS

AIRPLANES (206) 08209 & ON WITHOUT NAV III OPTION AND AIRPLANES (T206) 08438 & ON WITHOUT NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
PR001	S1640-9	CONNECTOR - RIGHT WING DISCONNECT (ZONE 620)		(206) 08209 & ON (T206) 08438 & ON	01
	S1635-1	. CONTACT	V49367		AR
	S1635-2	. PIN			AR
PR003	S1637-1	CONNECTOR - RIGHT COURTESY LIGHT DISCONNECT (ZONE 620)		(206) 08209 & ON (T206) 08438 & ON	01
	S1635-1	. PIN	V49367		AR
PR020	S1637-1	CONNECTOR - RIGHT COURTESY LIGHT DISCONNECT (ZONE 610)		(206) 08209 & ON (T206) 08438 & ON	01
	S1635-1	. PIN	V49367		AR
RC001	S2619-1	POTENTIOMETER - PILOT'S DOME LIGHT (ZONE 210)	V81640	(206) 08209 & ON (T206) 08438 & ON	01
RC002	CCF-5595R3F	RESISTOR - PILOT'S DOME LIGHT (ZONE 210)	V91637	(206) 08209 & ON (T206) 08438 & ON	01
RC003	CCF-554320F	RESISTOR - PILOT'S DOME LIGHT (ZONE 210)	V91637	(206) 08209 & ON (T206) 08438 & ON	01
RF001	S2619-1	POTENTIOMETER - CO-PILOT'S DOME LIGHT (ZONE 210)	V81640	(206) 08209 & ON (T206) 08438 & ON	01
RF002	CCF-5595R3F	RESISTOR - CO-PILOT'S DOME LIGHT (ZONE 210)	V91637	(206) 08209 & ON (T206) 08438 & ON	01
RF003	CCF-554320F	RESISTOR - CO-PILOT'S DOME LIGHT	V91637	(206) 08209 & ON (T206) 08438 & ON	01
SC003	J20125-32	SWITCH - AFT PASSENGER DOME LIGHT (ZONE 210)	V81640	(206) 08209 & ON (T206) 08438 & ON	01
SC004	J20125-32	SWITCH - CENTER PASSENGER DOME LIGHT (ZONE 210)	V81640	(206) 08209 & ON (T206) 08438 & ON	01
SC005	J20125-32	SWITCH - COURTESY LIGHT (ZONE 210)	V81640	(206) 08209 & ON (T206) 08438 & ON	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 03 : Sheet 01 : INTERIOR AND WING COURTESY LIGHTS



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

INTERIOR AND WING COURTESY LIGHTS

AIRPLANES (206) 08215 THRU 08257 WITH NAV III OPTION AND AIRPLANES (T206) 08450 THRU 08585 WITH NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
FC008	RL6870-1	LIGHT - PILOT DOME (ZONE 210)	V1XE65	(206) 08215 - 08257 (T206) 08450 - 08585	01
FC010	RL6870-1	LIGHT - CENTER PASSENGER DOME (ZONE .)	V1XE65	(206) 08215 - 08257 (T206) 08450 - 08585	01
FC011	RL6870-1	LIGHT - AFT PASSENGER DOME (ZONE 210)	V1XE65	(206) 08215 - 08257 (T206) 08450 - 08585	01
FF003	RL6870-1	LIGHT - CO-PILOT DOME (ZONE 210)	V1XE65	(206) 08215 - 08257 (T206) 08450 - 08585	01
FL004	MS35489-134	LIGHT - LEFT COURTESY (ZONE 510)		(206) 08215 - 08257 (T206) 08450 - 08585	01
FR002	MS35489-134	LIGHT - RIGHT COURTESY (ZONE 610)		(206) 08215 - 08257 (T206) 08450 - 08585	01
GI001	S2527-1	GROUND STUD FOR SPARES ORDER (MUST REPLACE WITH): S2099-2		(206) 08215 - 08257 (T206) 08450 - 08585	01
	S2099-2	CONTACT		(206) 08215 - 08257 (T206) 08450 - 08585	AR
	200838-2	. BLOCK	V00779		AR
	S2527-3	. CLAMP			AR
	S2099-13	. CONTACT			AR
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		02
	201846-1	. JACKSCREW	V00779		AR
	203618-1	. JACKSCREW	V00779		02
GL010	1208001-2	GROUND STUD (ZONE 510)		(206) 08215 - 08257 (T206) 08450 - 08585	01
GR010	1208001-2	GROUND STUD (ZONE 610)		(206) 08215 - 08257 (T206) 08450 - 08585	01
J1		CONNECTOR			RF
J2	S1637-2	CONNECTOR - LEFT COURTESY LIGHT DISCONNECT (ZONE 510)		(206) 08215 - 08257 (T206) 08450 - 08585	01
J2	S1637-2	CONNECTOR - RIGHT COURTESY LIGHT DISCONNECT (ZONE 610)		(206) 08215 - 08257 (T206) 08450 - 08585	01
JC011	S1641-9	CONNECTOR - OVERHEAD DISCONNECT (ZONE 210)		(206) 08215 - 08257 (T206) 08450 - 08585	01
	S1636-1	. CONTACT			AR
	S1636-2	. CONTACT			AR
JC024	S2350-4	CONNECTOR - ELECTRICAL CIRCUIT BREAKER PANEL DISCONNECT (ZONE 120)	V00779	(206) 08215 - 08257 (T206) 08450 - 08585	01
	S2353-4	. PIN			01
	S2353-5	. PIN			01
JI003	S1641-9	CONNECTOR - DIMMING MODULE DISCONNECT (ZONE 211)		(206) 08215 - 08257 (T206) 08450 - 08585	01
	S1636-1	. CONTACT			07
	S1636-2	. CONTACT			02
JI026	S1641-6	CONNECTOR - DIMMING MODULE DISC (ZONE 224)		(206) 08215 - 08257 (T206) 08450 - 08585	01
	S1636-1	. CONTACT			06
JL002	S1641-12	CONNECTOR - LEFT WING DISCONNECT (ZONE 520)		(206) 08215 - 08257 (T206) 08450 - 08585	01
	S1636-1	. CONTACT			AR
	S1636-2	. CONTACT			AR
JR001	S1636-2	CONNECTOR - RIGHT WING DISCONNECT (ZONE 620)		(206) 08215 - 08257 (T206) 08450 - 08585	01
	S1636-1	. CONTACT			AR
	S1641-9	. SOCKET			AR
P1	S1640-9	CONNECTOR - DIMMING MODULE DISCONNECT (ZONE 211)		(206) 08215 - 08257 (T206) 08450 - 08585	01
	S1635-1	. CONTACT	V49367		08
PC011	S1640-9	CONNECTOR - OVERHEAD DISCONNECT (ZONE 210)		(206) 08215 - 08257 (T206) 08450 - 08585	01
	S1635-1	. CONTACT	V49367		AR
	S1635-2	. CONTACT			AR
PC024	S2349-3	CONNECTOR - ELECTRICAL CIRCUIT BREAKER PANEL DISCONNECT		(206) 08215 - 08257 (T206) 08450 - 08585	01
	S2099-3	. CONTACT			03
	S2099-4	. CONTACT	V00779		06
PL002	S1640-12	CONNECTOR - LEFT WING DISCONNECT (ZONE 510, 520)		(206) 08215 - 08257 (T206) 08450 - 08585	01
	S1635-1	. CONTACT	V49367		AR
	S1635-2	. CONTACT			AR
PL004	S1637-1	CONNECTOR - LEFT COURTESY LIGHT DISCONNECT (ZONE 510)		(206) 08215 - 08257 (T206) 08450 - 08585	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

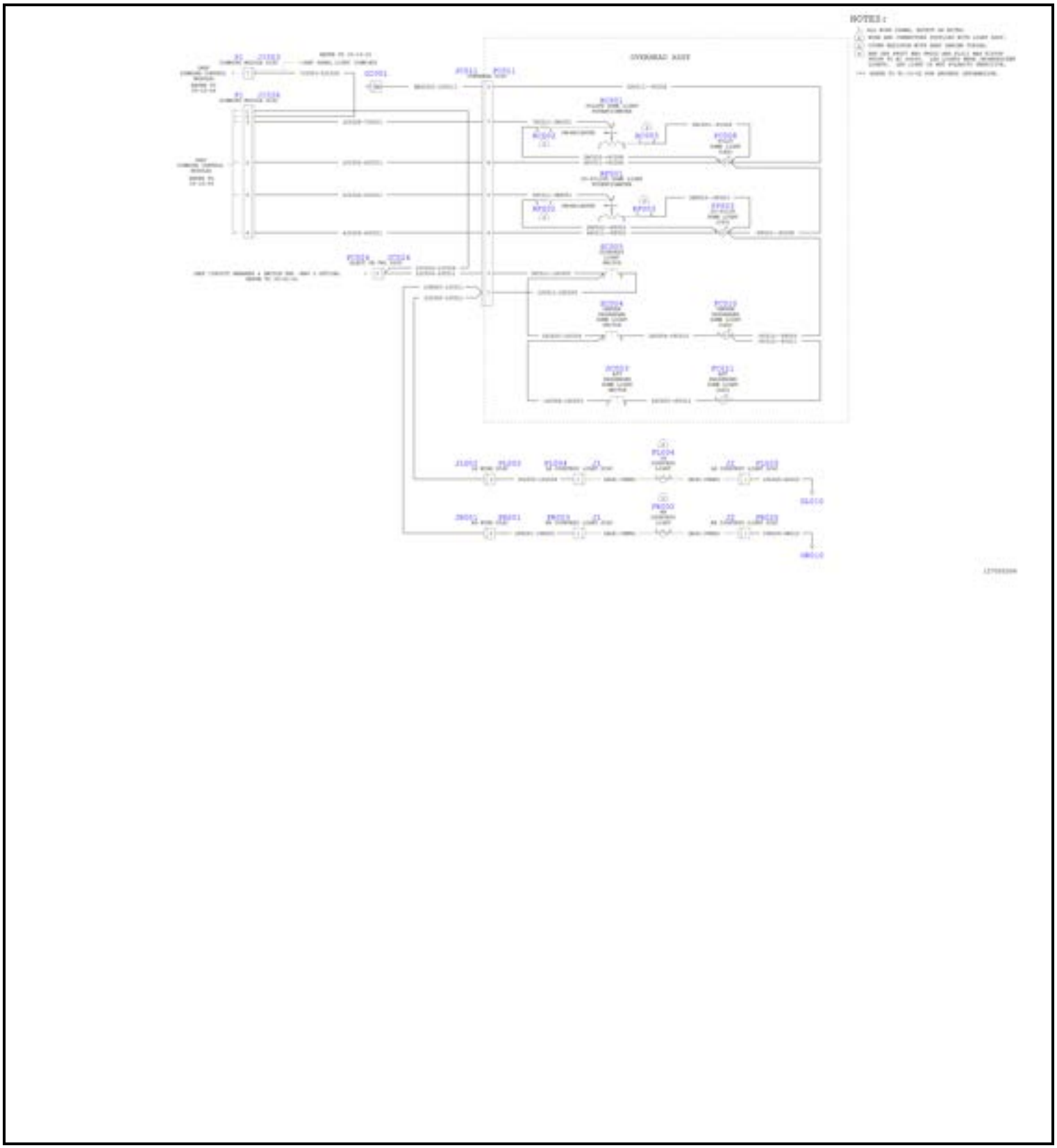
INTERIOR AND WING COURTESY LIGHTS

AIRPLANES (206) 08215 THRU 08257 WITH NAV III OPTION AND AIRPLANES (T206) 08450 THRU 08585 WITH NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
	S1635-1	. CONTACT	V49367		AR
PL020	S1637-1	CONNECTOR - LEFT COURTESY LIGHT DISCONNECT (ZONE 510)		(206) 08215 - 08257 (T206) 08450 - 08585	01
	S1635-1	. CONTACT	V49367		AR
PR001	S1640-9	CONNECTOR - RIGHT WING DISCONNECT (ZONE 620)		(206) 08215 - 08257 (T206) 08450 - 08585	01
	S1635-1	. CONTACT	V49367		AR
	S1635-2	. PIN			AR
PR003	S1637-1	CONNECTOR - RIGHT COURTESY LIGHT DISCONNECT (ZONE 620)		(206) 08215 - 08257 (T206) 08450 - 08585	01
	S1635-1	. PIN	V49367		AR
PR020	S1637-1	CONNECTOR - RIGHT COURTESY LIGHT DISCONNECT (ZONE 610)		(206) 08215 - 08257 (T206) 08450 - 08585	01
	S1635-1	. PIN	V49367		AR
RC001	S2619-1	POTENTIOMETER - PILOT'S DOME LIGHT (ZONE 210)	V81640	(206) 08215 - 08257 (T206) 08450 - 08585	01
RC002	CCF-5595R3F	RESISTOR - PILOT'S DOME LIGHT (ZONE 210)	V91637	(206) 08215 - 08257 (T206) 08450 - 08585	01
RC003	CCF-554320F	RESISTOR - PILOT'S DOME LIGHT (ZONE 210)	V91637	(206) 08215 - 08257 (T206) 08450 - 08585	01
RF001	S2619-1	POTENTIOMETER - CO-PILOT'S DOME LIGHT (ZONE 210)	V81640	(206) 08215 - 08257 (T206) 08450 - 08585	01
RF002	CCF-5595R3F	RESISTOR - CO-PILOT'S DOME LIGHT (ZONE 210)	V91637	(206) 08215 - 08257 (T206) 08450 - 08585	01
RF003	CCF-554320F	RESISTOR - CO-PILOT'S DOME LIGHT	V91637	(206) 08215 - 08257 (T206) 08450 - 08585	01
SC003	J20125-32	SWITCH - AFT PASSENGER DOME LIGHT (ZONE 210)	V81640	(206) 08215 - 08257 (T206) 08450 - 08585	01
SC004	J20125-32	SWITCH - CENTER PASSENGER DOME LIGHT (ZONE 210)	V81640	(206) 08215 - 08257 (T206) 08450 - 08585	01
SC005	J20125-32	SWITCH - COURTESY LIGHT (ZONE 210)	V81640	(206) 08215 - 08257 (T206) 08450 - 08585	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 04 : Sheet 01 : INTERIOR AND WING COURTESY LIGHTS



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

INTERIOR AND WING COURTESY LIGHTS

AIRPLANES (206) 08258 & ON WITH NAV III OPTION AND AIRPLANES (T206) 08586 & ON WITH NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
FC010	RL6870-1	LIGHT - CENTER PASSENGER DOME (ZONE .)	V1XE65	(206) 08258 & ON (T206) 08586 & ON	01
FC011	RL6870-1	LIGHT - AFT PASSENGER DOME (ZONE 210)	V1XE65	(206) 08258 & ON (T206) 08586 & ON	01
FC012	RL6870-1	LIGHT - LED,PILOT FLOOD	V1XE65	(206) 08258 & ON (T206) 08586 & ON	01
FF004	RL6870-1	LIGHT - LED,CO-PILOT	V1XE65	(206) 08258 & ON (T206) 08586 & ON	01
FL011		LIGHT ASSY - LEFT COURTESY, LED			RF
FR007		LIGHT ASSY - RIGHT COURTESY, LED			RF
GI001	S2527-1	GROUND STUD FOR SPARES ORDER (MUST REPLACE WITH): S2099-2		(206) 08258 & ON (T206) 08586 & ON	01
	S2099-2	CONTACT		(206) 08258 & ON (T206) 08586 & ON	AR
	200838-2	. BLOCK	V00779		AR
	S2527-3	. CLAMP			AR
	S2099-13	. CONTACT			AR
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		02
	201846-1	. JACKSCREW	V00779		AR
	203618-1	. JACKSCREW	V00779		02
GL010	1208001-2	GROUND STUD (ZONE 510)		(206) 08258 & ON (T206) 08586 & ON	01
GR010	1208001-2	GROUND STUD (ZONE 610)		(206) 08258 & ON (T206) 08586 & ON	01
J1	S1637-2	CONNECTOR - LEFT COURTESY LIGHT DISCONNECT (ZONE 510)		(206) 08258 & ON (T206) 08586 & ON	01
J2	S1637-2	CONNECTOR - LEFT COURTESY LIGHT DISCONNECT (ZONE 510)		(206) 08258 & ON (T206) 08586 & ON	01
JC011	S1641-9	CONNECTOR - OVERHEAD DISCONNECT (ZONE 210)		(206) 08258 & ON (T206) 08586 & ON	01
	S1636-1	. CONTACT			AR
	S1636-2	. CONTACT			AR
JC024	S2350-4	CONNECTOR - ELECTRICAL CIRCUIT BREAKER PANEL DISCONNECT (ZONE 120)	V00779	(206) 08258 & ON (T206) 08586 & ON	01
	S2353-4	. PIN			01
	S2353-5	. PIN			01
JI003	S1641-9	CONNECTOR - DIMMING MODULE DISCONNECT (ZONE 211)		(206) 08258 & ON (T206) 08586 & ON	01
	S1636-1	. CONTACT			07
	S1636-2	. CONTACT			02
JI026	S1641-6	CONNECTOR - DIMMING MODULE DISC (ZONE 224)		(206) 08258 & ON (T206) 08586 & ON	01
	S1636-1	. CONTACT			06
JL002	S1641-12	CONNECTOR - LEFT WING DISCONNECT (ZONE 520)		(206) 08258 & ON (T206) 08586 & ON	01
	S1636-1	. CONTACT			AR
	S1636-2	. CONTACT			AR
JR001	S1636-2	CONNECTOR - RIGHT WING DISCONNECT (ZONE 620)		(206) 08258 & ON (T206) 08586 & ON	01
	S1636-1	. CONTACT			AR
	S1641-9	. SOCKET			AR
P1	S1640-9	CONNECTOR - DIMMING MODULE DISCONNECT (ZONE 211)		(206) 08258 & ON (T206) 08586 & ON	01
	S1635-1	. CONTACT	V49367		08
PC011	S1640-9	CONNECTOR - OVERHEAD DISCONNECT (ZONE 210)		(206) 08258 & ON (T206) 08586 & ON	01
	S1635-1	. CONTACT	V49367		AR
	S1635-2	. CONTACT			AR
PC024	S2349-3	CONNECTOR - ELECTRICAL CIRCUIT BREAKER PANEL DISCONNECT		(206) 08258 & ON (T206) 08586 & ON	01
	S2099-3	. CONTACT			03
	S2099-4	. CONTACT	V00779		06
PL002	S1640-12	CONNECTOR - LEFT WING DISCONNECT (ZONE 510, 520)		(206) 08258 & ON (T206) 08586 & ON	01
	S1635-1	. CONTACT	V49367		AR
	S1635-2	. CONTACT			AR
PL004	S1637-1	CONNECTOR - LEFT COURTESY LIGHT DISCONNECT (ZONE 510)		(206) 08258 & ON (T206) 08586 & ON	01
	S1635-1	. CONTACT	V49367		AR
PL020	S1637-1	CONNECTOR - LEFT COURTESY LIGHT DISCONNECT (ZONE 510)		(206) 08258 & ON (T206) 08586 & ON	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

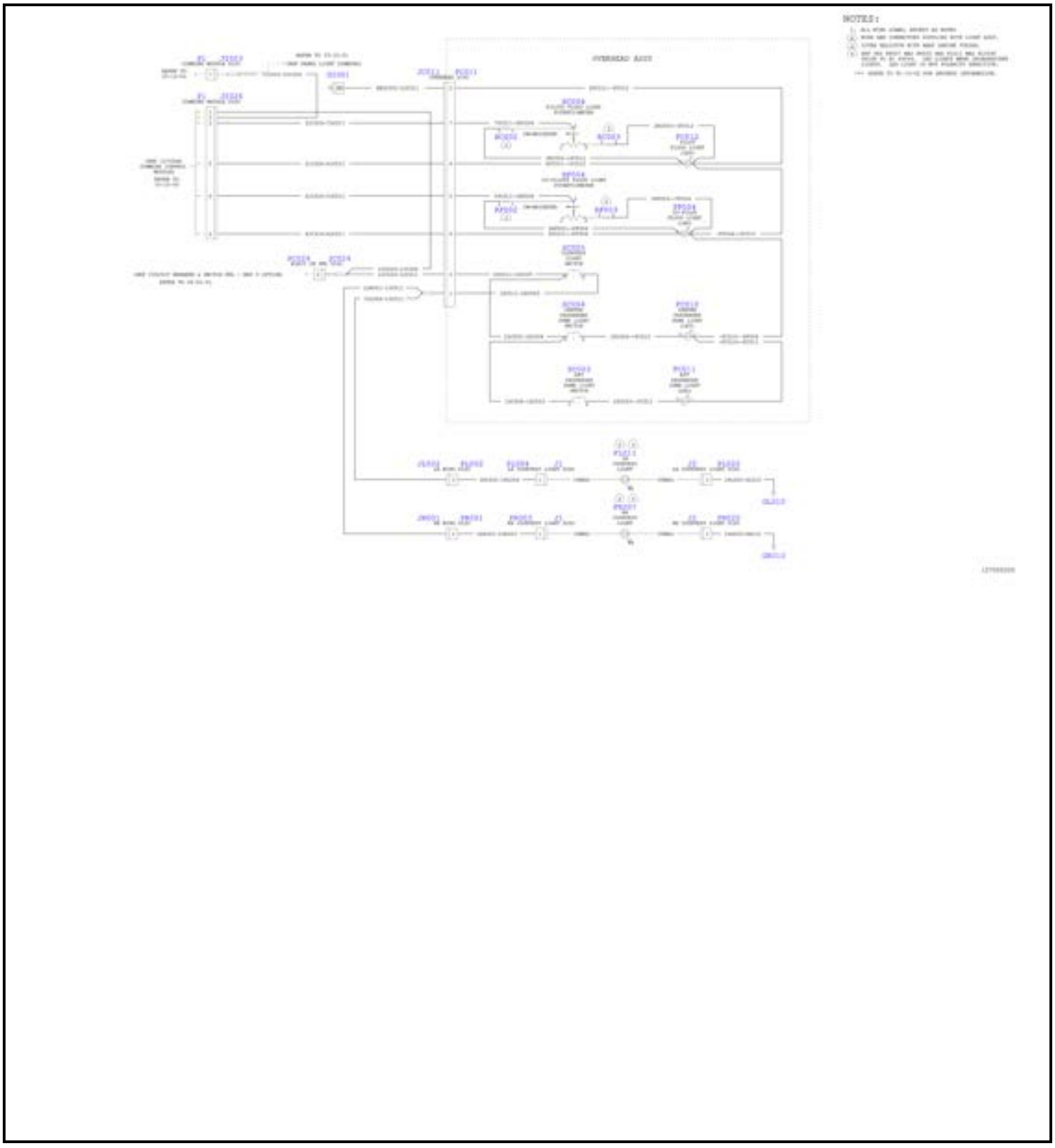
INTERIOR AND WING COURTESY LIGHTS

AIRPLANES (206) 08258 & ON WITH NAV III OPTION AND AIRPLANES (T206) 08586 & ON WITH NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
	S1635-1	. CONTACT	V49367		AR
PR001	S1640-9	CONNECTOR - RIGHT WING DISCONNECT (ZONE 620)		(206) 08258 & ON (T206) 08586 & ON	01
	S1635-1	. CONTACT	V49367		AR
	S1635-2	. PIN			AR
PR003	S1637-1	CONNECTOR - RIGHT COURTESY LIGHT DISCONNECT (ZONE 620)		(206) 08258 & ON (T206) 08586 & ON	01
	S1635-1	. PIN	V49367		AR
PR020	S1637-1	CONNECTOR - RIGHT COURTESY LIGHT DISCONNECT (ZONE 610)		(206) 08258 & ON (T206) 08586 & ON	01
	S1635-1	. PIN	V49367		AR
RC002	CCF-5595R3F	RESISTOR - PILOT'S DOME LIGHT (ZONE 210)	V91637	(206) 08258 & ON (T206) 08586 & ON	01
RC003	CCF-554320F	RESISTOR - PILOT'S DOME LIGHT (ZONE 210)	V91637	(206) 08258 & ON (T206) 08586 & ON	01
RC004	S2619-1	POTENTIOMETER - PILOTS FLOOD LIGHT	V81640	(206) 08258 & ON (T206) 08586 & ON	01
RF002	CCF-5595R3F	RESISTOR - CO-PILOT'S DOME LIGHT (ZONE 210)	V91637	(206) 08258 & ON (T206) 08586 & ON	01
RF003	CCF-554320F	RESISTOR - CO-PILOT'S DOME LIGHT	V91637	(206) 08258 & ON (T206) 08586 & ON	01
RF004	S2619-1	POTENTIOMETER - CO-PILOTS FLOOD LIGHT	V81640	(206) 08258 & ON (T206) 08586 & ON	01
SC003	J20125-32	SWITCH - AFT PASSENGER DOME LIGHT (ZONE 210)	V81640	(206) 08258 & ON (T206) 08586 & ON	01
SC004	J20125-32	SWITCH - CENTER PASSENGER DOME LIGHT (ZONE 210)	V81640	(206) 08258 & ON (T206) 08586 & ON	01
SC005	J20125-32	SWITCH - COURTESY LIGHT (ZONE 210)	V81640	(206) 08258 & ON (T206) 08586 & ON	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 05 : Sheet 01 : INTERIOR AND WING COURTESY LIGHTS



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

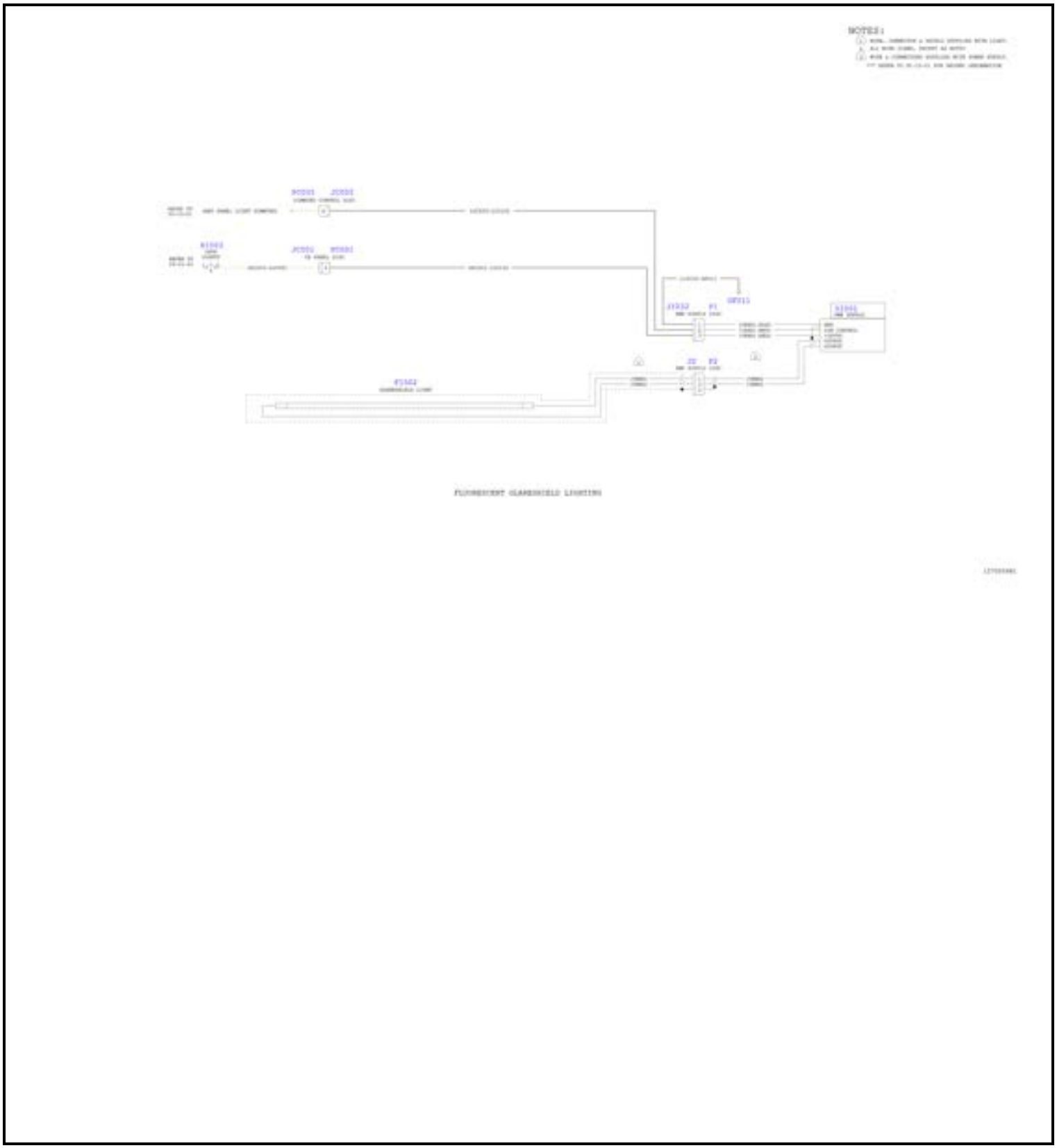
GLARESHIELD LIGHTING

AIRPLANES (206) 08001 THRU 08138 AND AIRPLANES (T206) 08001 THRU 08259

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
FI002	7300248-5	LIGHT ASSEMBLY - GLARESHIELD	V33497	(206) 08001 - 08138 (T206) 08001 - 08259	01
GF011	1208001-2	GROUND STUD (ZONE 120)		(206) 08001 - 08138 (T206) 08001 - 08259	01
HI003	S1360-5L	CIRCUIT BREAKER		(206) 08001 - 08138 (T206) 08001 - 08259	01
J2	1-480305-0	CONNECTOR - POWER SUPPLY DISCONNECT (ZONE 121)	V00779	(206) 08001 - 08138 (T206) 08001 - 08259	01
	60618-1	. PIN	V33497		01
JC001	S2349-5	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08001 - 08138 (T206) 08001 - 08259	01
	S1636-2	. CONTACT			AR
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
JC005	S1641-9	CONNECTOR - DIMMING CONTROL DISCONNECT (ZONE 224)		(206) 08001 - 08138 (T206) 08001 - 08259	01
	S1636-1	. CONTACT			AR
	S1636-2	. SOCKET			AR
JI032	S1636-1	SOCKET - POWER SUPPLY DISCONNECT (ZONE 221)		(206) 08001 - 08138 (T206) 08001 - 08259	01
	S1638-1	. PLUG			01
P1	350767-1	CONNECTOR - POWER SUPPLY DISCONNECT (ZONE 223)	V33497	(206) 08001 - 08138 (T206) 08001 - 08259	01
	350547-7	. PIN	V00779		03
P2	350767-1	CONNECTOR - POWER SUPPLY DISCONNECT	V33497	(206) 08001 - 08138 (T206) 08001 - 08259	01
	350547-7	. PIN	V00779		03
PC001	S2350-10	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08001 - 08138 (T206) 08001 - 08259	01
	S2350-4	. CONTACT	V00779		01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PC005	S1640-9	CONNECTOR - DIMMING CONTROL DISCONNECT (ZONE 224)		(206) 08001 - 08138 (T206) 08001 - 08259	01
	S1635-1	. CONTACT	V49367		06
	S1635-2	. CONTACT			01
UI001	6900173	INVERTER - LIGHTING (ZONE 210)	V33497	(206) 08001 - 08138 (T206) 08001 - 08259	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 01 : Sheet 01 : GLARESHIELD LIGHTING



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

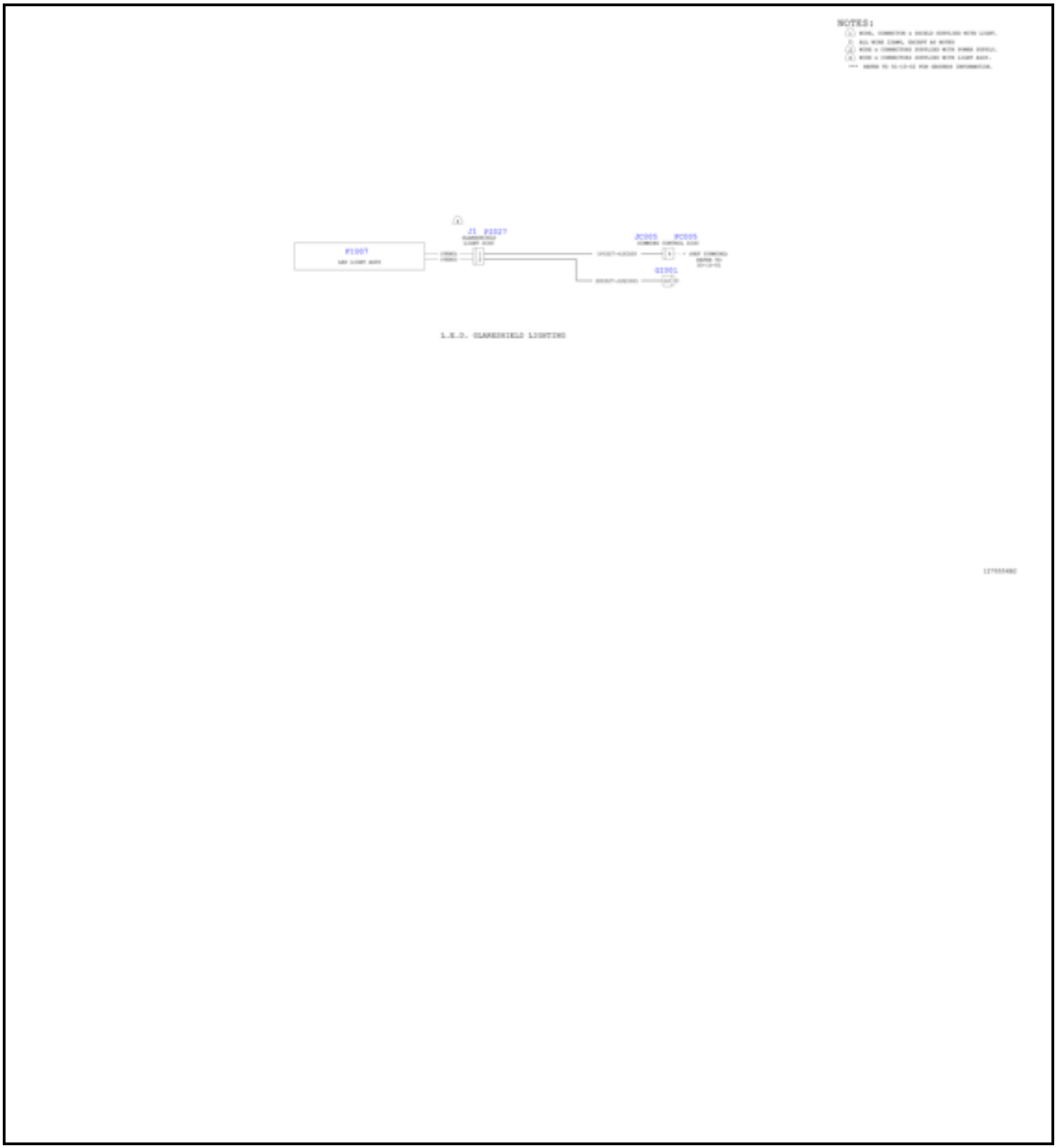
GLARESHIELD LIGHTING

AIRPLANES (206) 08139 & ON AND AIRPLANES (T206) 08260 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
FI007	CSELGT-01	LIGHT ASSEMBLY - LED GLARESHIELD (ZONE 220)	V0GZF3	(206) 08139 & ON (T206) 08260 & ON	01
GI001	S2527-1	GROUND STUD FOR SPARES ORDER (MUST REPLACE WITH): S2099-2		(206) 08139 & ON (T206) 08260 & ON	01
	S2099-2	CONTACT		(206) 08139 & ON (T206) 08260 & ON	AR
	200838-2	. BLOCK	V00779		AR
	S2527-3	. CLAMP			AR
	S2099-13	. CONTACT			AR
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		02
	201846-1	. JACKSCREW	V00779		AR
	203618-1	. JACKSCREW	V00779		02
J1	1-480351-0	CONNECTOR - GLARESHIELD LIGHT DISCONNECT	V10402	(206) 08139 & ON (T206) 08260 & ON	01
JC005	S1641-9	CONNECTOR - DIMMING CONTROL DISCONNECT (ZONE 224)		(206) 08139 & ON (T206) 08260 & ON	01
	S1636-1	. CONTACT			AR
	S1636-2	. SOCKET			AR
PC005	S1640-9	CONNECTOR - DIMMING CONTROL DISCONNECT (ZONE 224)		(206) 08139 & ON (T206) 08260 & ON	01
	S1635-1	. CONTACT	V49367		06
	S1635-2	. CONTACT			01
PI027	S2035-2	CONNECTOR - GLARESHIELD LIGHT DISCONNECT (ZONE 210)	V00779	(206) 08139 & ON (T206) 08260 & ON	01
	S1636-1	. SOCKET			AR

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 02 : Sheet 01 : GLARESHIELD LIGHTING



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

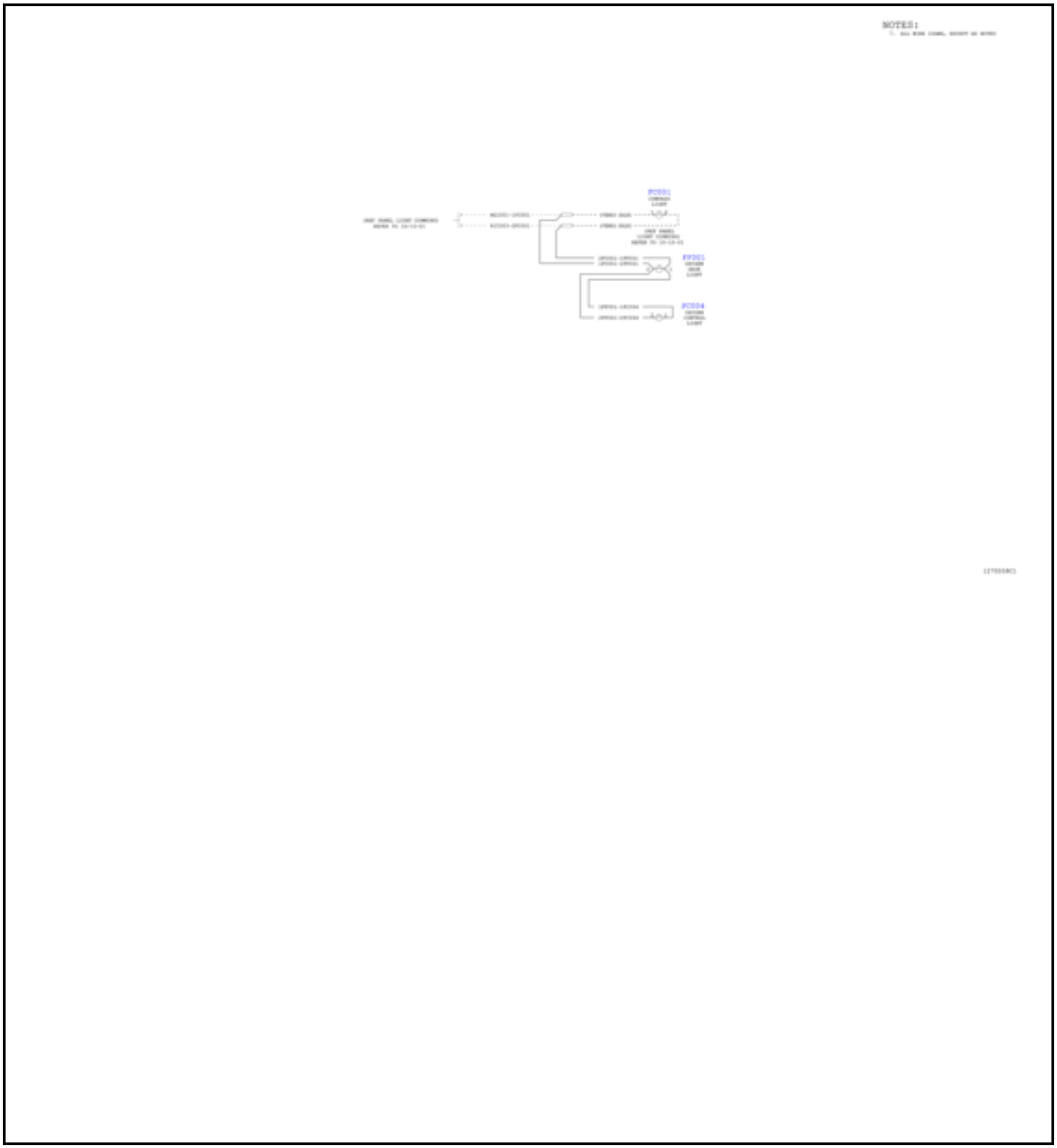
OXYGEN LIGHTING

AIRPLANES (T206) 08001 & ON WITHOUT NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
FC001	MS25237-327	LIGHT - COMPASS (ZONE 210)	V96906	(T206) 08001 & ON	01
FC004	S1899-3	LIGHT ASSEMBLY - OXYGEN (ZONE 210)		(T206) 08001 & ON	01
FF001	S1899-4	LIGHT ASSEMBLY - OXYGEN GAGE (ZONE 210)	V08717	(T206) 08001 & ON	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 01 : Sheet 01 : OXYGEN LIGHTING



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

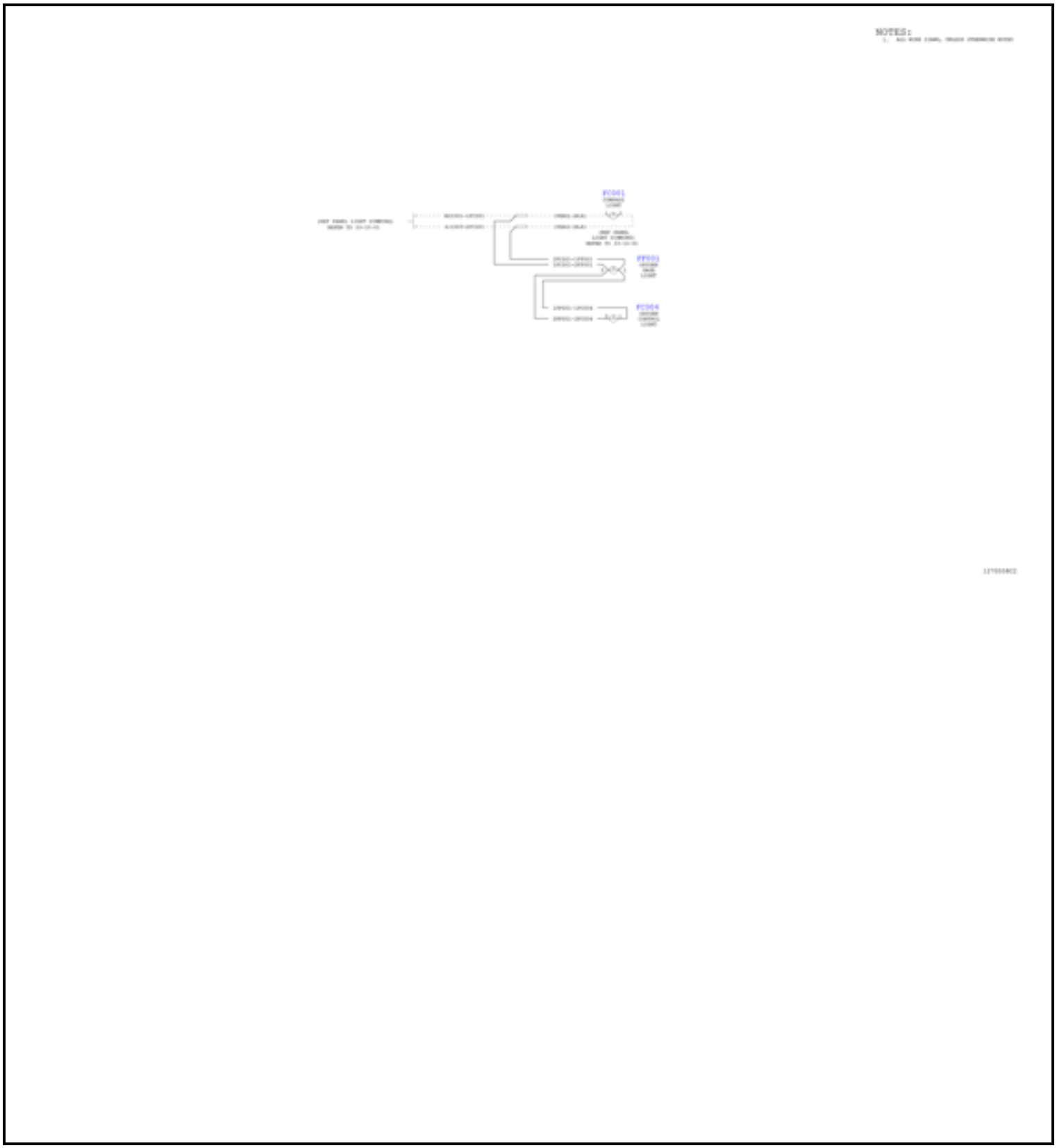
OXYGEN LIGHTING

AIRPLANES (T206) 08450 THRU 08585 WITH NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
FC001	MS25237-327	LIGHT - COMPASS (ZONE 210)	V96906	(T206) 08450 - 08585	01
FC004	S1899-3	LIGHT ASSEMBLY - OXYGEN (ZONE 210)		(T206) 08450 - 08585	01
FF001	S1899-4	LIGHT ASSEMBLY - OXYGEN GAGE (ZONE 210)	V08717	(T206) 08450 - 08585	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 02 : Sheet 01 : OXYGEN LIGHTING



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

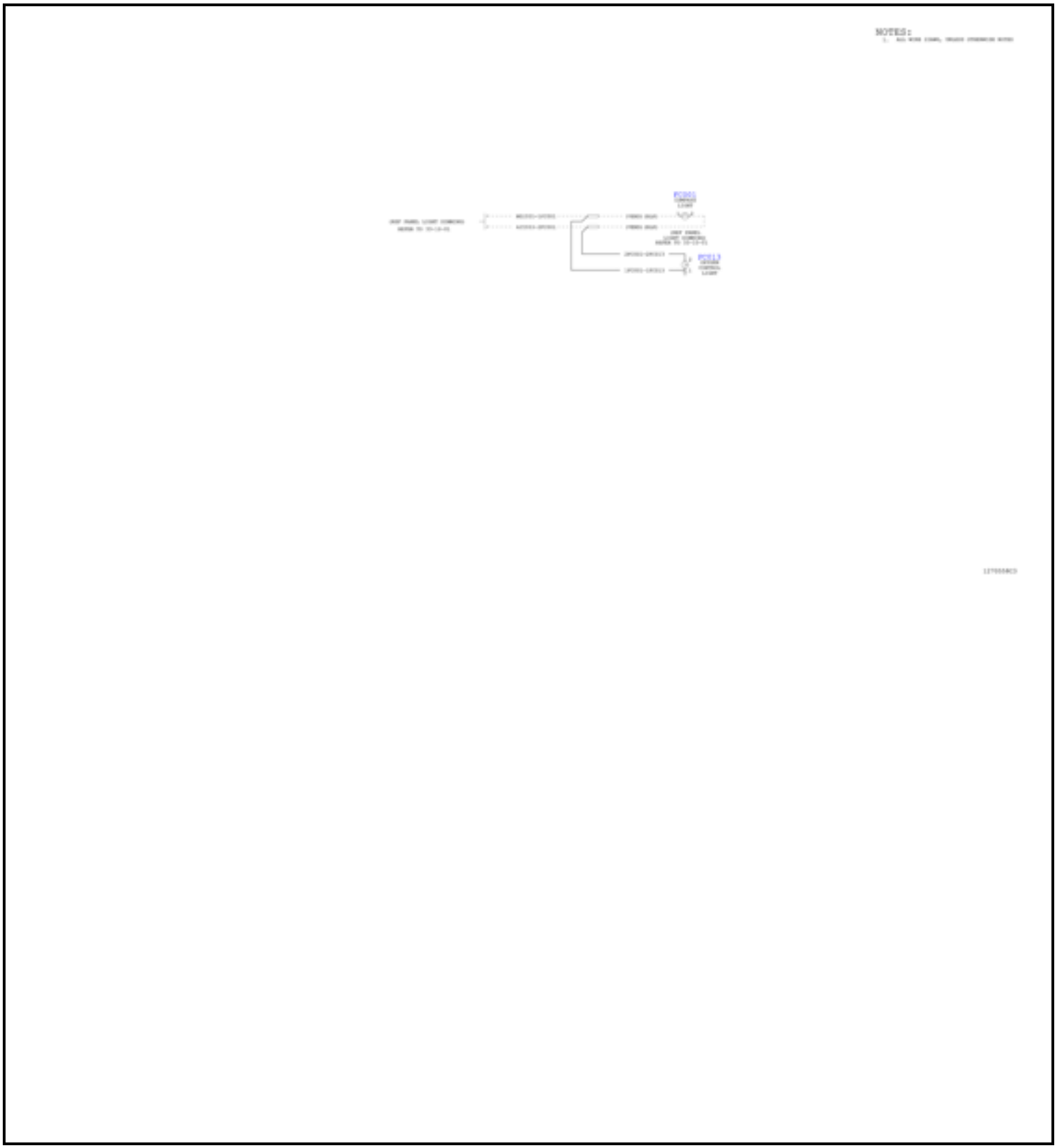
OXYGEN LIGHTING

AIRPLANES (T206) 08586 & ON WITH NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
FC001	MS25237-327	LIGHT - COMPASS (ZONE 210)	V96906	(T206) 08586 & ON	01
FC013	S1873-1	LIGHT - OXYGEN CONTROL		(T206) 08586 & ON	01
	327	. LAMP	V81590		01
	2-328975-3	. TERMINAL	V00779		01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 03 : Sheet 01 : OXYGEN LIGHTING



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

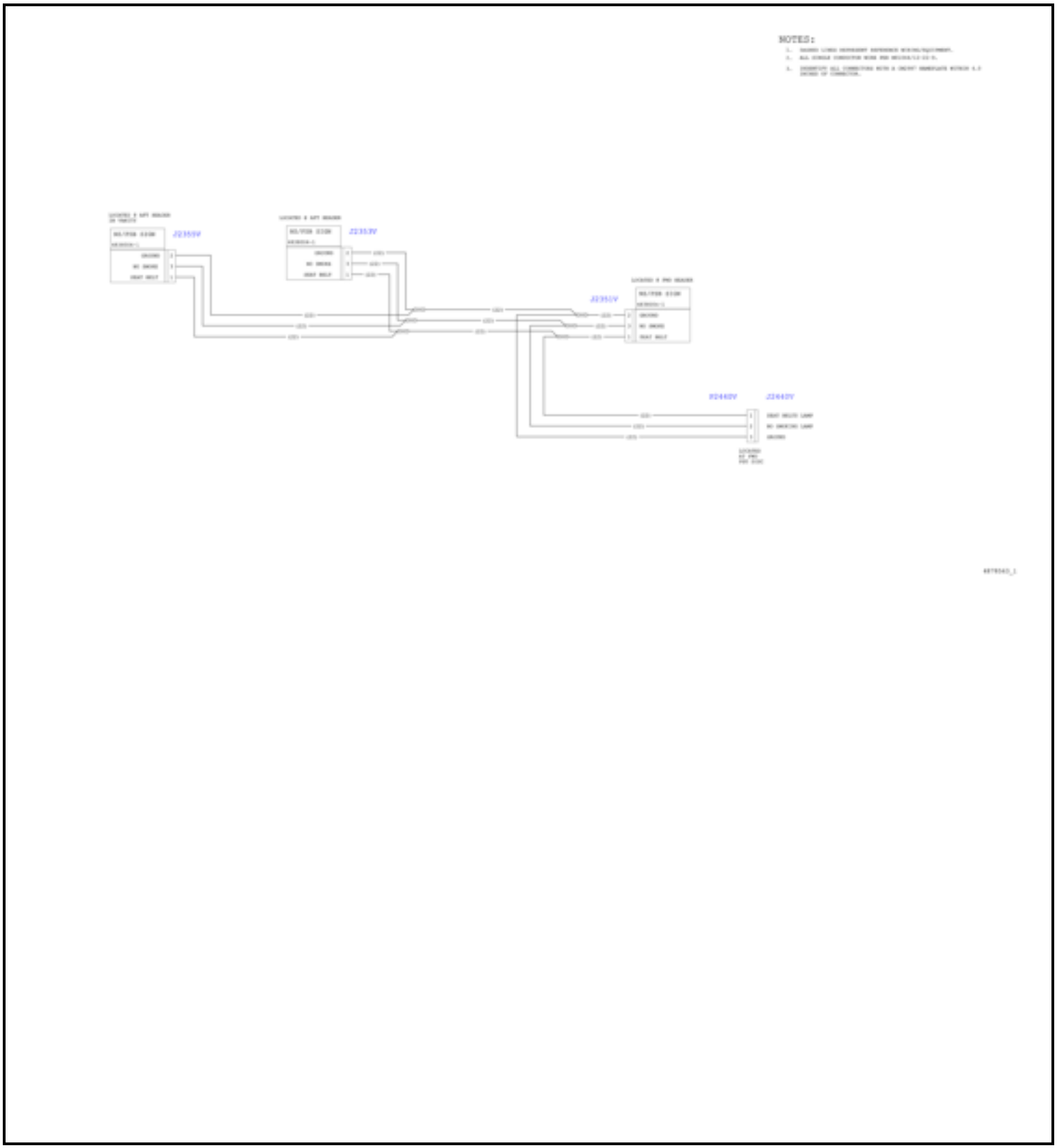
PASSENGER SAFETY SIGN

AIRPLANES (206) 08001 & ON AND AIRPLANES (T206) 08001 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
J2351V	03-06-1032	CONNECTOR	V27264	(206) 08001 & ON (T206) 08001 & ON	01
	S2216-4	. SOCKET	V27264		03
J2353V	03-06-1032	CONNECTOR	V27264	(206) 08001 & ON (T206) 08001 & ON	01
	S2216-4	. SOCKET	V27264		03
J2355V	03-06-1032	CONNECTOR	V27264	(206) 08001 & ON (T206) 08001 & ON	01
	S2216-4	. SOCKET	V27264		03
J2440V		CONNECTOR			RF
P2440V	S2350-4	CONNECTOR	V00779	(206) 08001 & ON (T206) 08001 & ON	01
	S2351-3	. CLAMP			01
	S2353-3	. PIN	V00779		03

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 01 : Sheet 01 : PASSENGER SAFETY SIGN



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

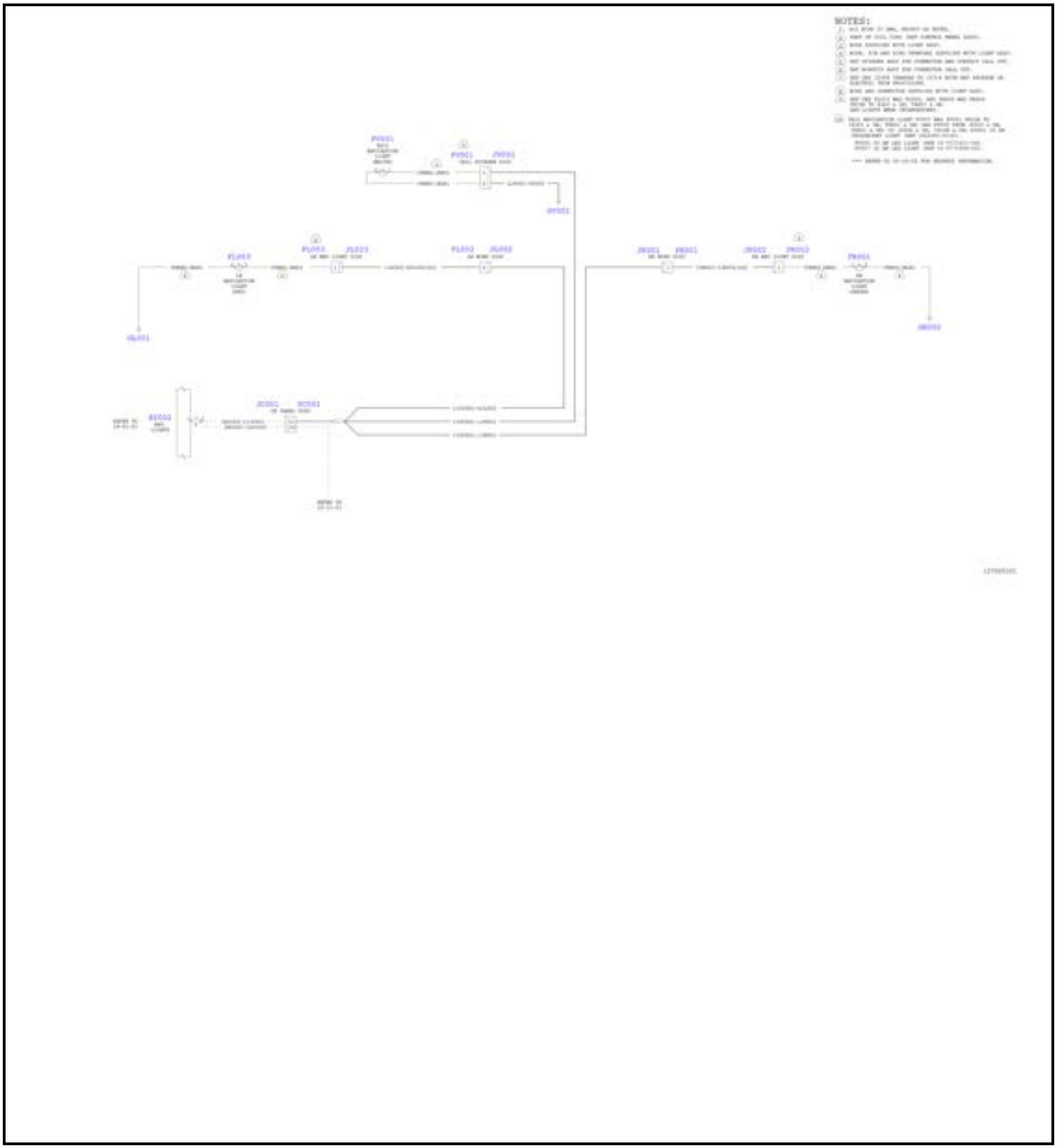
NAVIGATION LIGHTS

AIRPLANES (206) 08001 THRU 08173 AND AIRPLANES (T206) 08001 THRU 08361

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
FL003	MS25309-7512	LIGHT - LEFT NAVIGATION RED (ZONE 520) FOR SPARES ORDER (MUST REPLACE WITH): 34-0428020-65 A-7512-24 W1290-28		(206) 08001 - 08173 (T206) 08001 - 08361	01
	34-0428020-65	LIGHT	V10402	(206) 08001 - 08173 (T206) 08001 - 08361	01
	A-7512-24	LIGHT	V72914	(206) 08001 - 08173 (T206) 08001 - 08361	01
	W1290-28	LIGHT	V10402	(206) 08001 - 08173 (T206) 08001 - 08361	01
FR001	MS25309-7512	LIGHT - RIGHT NAVIGATION GREEN (ZONE 620) FOR SPARES ORDER (MUST REPLACE WITH): 34-0428020-65 A-7512-24 W1290-28		(206) 08001 - 08173 (T206) 08001 - 08361	01
	34-0428020-65	LIGHT	V10402	(206) 08001 - 08173 (T206) 08001 - 08361	01
	A-7512-24	LIGHT	V72914	(206) 08001 - 08173 (T206) 08001 - 08361	01
	W1290-28	LIGHT	V10402	(206) 08001 - 08173 (T206) 08001 - 08361	01
FV001	MS35478-1683	LIGHT - TAIL NAVIGATION (WHITE) (ZONE 340)		(206) 08001 - 08173 (T206) 08001 - 08361	01
GL001	2-36153-2	GROUND STUD (ZONE 520)	V10402	(206) 08001 - 08173 (T206) 08001 - 08361	01
GR002	2-36153-2	GROUND STUD (ZONE 620)	V10402	(206) 08001 - 08173 (T206) 08001 - 08361	01
GV001	1208001-2	GROUND STUD		(206) 08001 - 08173 (T206) 08001 - 08361	01
HI002	CM3589-5	CIRCUIT BREAKER - NAVIGATION LIGHTS (ZONE 224)		(206) 08001 - 08173 (T206) 08001 - 08361	01
JC001	S2349-5	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08001 - 08173 (T206) 08001 - 08361	01
	S1636-2	. CONTACT			AR
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
JL002	S1641-12	CONNECTOR - LEFT WING DISCONNECT (ZONE 520)		(206) 08001 - 08173 (T206) 08001 - 08361	01
	S1636-1	. CONTACT			AR
	S1636-2	. CONTACT			AR
JL003	S1637-2	CONNECTOR - LEFT NAVIGATION LIGHT DISCONNECT (ZONE 520)		(206) 08001 - 08173 (T206) 08001 - 08361	01
	S1636-1	. CONTACT			AR
JR001	S1636-2	CONNECTOR - RIGHT WING DISCONNECT (ZONE 620)		(206) 08001 - 08173 (T206) 08001 - 08361	01
	S1636-1	. CONTACT			AR
	S1641-9	. SOCKET			AR
JR002	S1637-2	CONNECTOR - RIGHT NAVIGATION LIGHT DISCONNECT (ZONE 620)		(206) 08001 - 08173 (T206) 08001 - 08361	01
	S1636-1	. CONTACT			01
JV001	S2035-2	CONNECTOR - TAIL STINGER DISCONNECT (ZONE 340)	V00779	(206) 08001 - 08173 (T206) 08001 - 08361	01
	S1636-1	. CONTACT			02
PC001	S2350-10	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08001 - 08173 (T206) 08001 - 08361	01
	S2350-4	. CONTACT	V00779		01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PL002	S1640-12	CONNECTOR - LEFT WING DISCONNECT (ZONE 510, 520)		(206) 08001 - 08173 (T206) 08001 - 08361	01
	S1635-1	. CONTACT	V49367		AR
	S1635-2	. CONTACT			AR
PL003	S1537-1	CONNECTOR - LEFT NAVIGATION LIGHT DISCONNECT (ZONE 520)		(206) 08001 - 08173 (T206) 08001 - 08361	01
PR001	S1640-9	CONNECTOR - RIGHT WING DISCONNECT (ZONE 620)		(206) 08001 - 08173 (T206) 08001 - 08361	01
	S1635-1	. CONTACT	V49367		AR
	S1635-2	. PIN			AR
PR002	S1637-1	CONNECTOR - RIGHT NAVIGATION LIGHT DISCONNECT (ZONE 620)		(206) 08001 - 08173 (T206) 08001 - 08361	01
PV001	S2035-1	CONNECTOR - TAIL STINGER DISCONNECT (ZONE 340)		(206) 08001 - 08173 (T206) 08001 - 08361	01
	S1635-1	. PIN	V49367		AR

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 01 : Sheet 01 : NAVIGATION LIGHTS



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

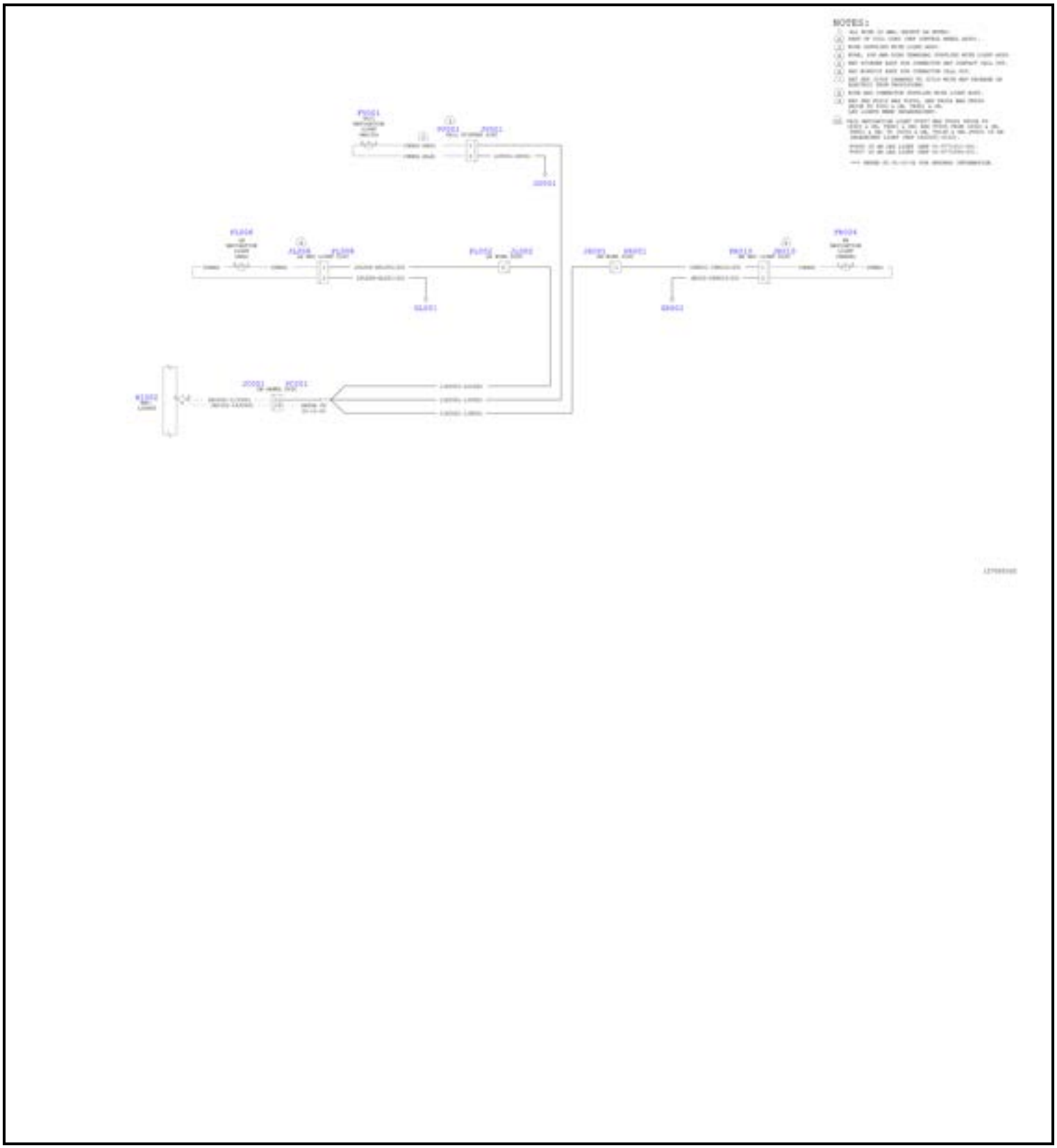
NAVIGATION LIGHTS

AIRPLANES (206) 08174 THRU 08208 AND AIRPLANES (T206) 08362 THRU 08437

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
FL006	01-0770082-12	LIGHT - LEFT NAVIGATION LIGHT (RED) (ZONE 520)	V10402	(206) 08174 - 08208 (T206) 08362 - 08437	01
FR004	01-0770082-13	LIGHT - RIGHT NAVIGATION (GREEN) (ZONE 620)	V10402	(206) 08174 - 08208 (T206) 08362 - 08437	01
FV001	MS35478-1683	LIGHT - TAIL NAVIGATION (WHITE) (ZONE 340)		(206) 08174 - 08208 (T206) 08362 - 08437	01
GL001	2-36153-2	GROUND STUD (ZONE 520)	V10402	(206) 08174 - 08208 (T206) 08362 - 08437	01
GR002	2-36153-2	GROUND STUD (ZONE 620)	V10402	(206) 08174 - 08208 (T206) 08362 - 08437	01
GV001	1208001-2	GROUND STUD		(206) 08174 - 08208 (T206) 08362 - 08437	01
HI002	CM3589-5	CIRCUIT BREAKER - NAVIGATION LIGHTS (ZONE 224)		(206) 08174 - 08208 (T206) 08362 - 08437	01
JC001	S2349-5	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08174 - 08208 (T206) 08362 - 08437	01
	S1636-2	. CONTACT			AR
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
JL002	S1641-12	CONNECTOR - LEFT WING DISCONNECT (ZONE 520)		(206) 08174 - 08208 (T206) 08362 - 08437	01
	S1636-1	. CONTACT			AR
	S1636-2	. CONTACT			AR
JL008	S1637-2	CONNECTOR - LEFT NAVIGATION LIGHT DISCONNECT (ZONE 520)		(206) 08174 - 08208 (T206) 08362 - 08437	01
	S1636-1	. CONTACT			AR
JR001	S1636-2	CONNECTOR - RIGHT WING DISCONNECT (ZONE 620)		(206) 08174 - 08208 (T206) 08362 - 08437	01
	S1636-1	. CONTACT			AR
	S1641-9	. SOCKET			AR
JR010	S1637-2	CONNECTOR - RIGHT NAVIGATION LIGHT DISCONNECT (ZONE 620)		(206) 08174 - 08208 (T206) 08362 - 08437	01
	S1636-1	. CONTACT			01
JV001	S2035-2	CONNECTOR - TAIL STINGER DISCONNECT (ZONE 340)	V00779	(206) 08174 - 08208 (T206) 08362 - 08437	01
	S1636-1	. CONTACT			02
PC001	S2350-10	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08174 - 08208 (T206) 08362 - 08437	01
	S2350-4	. CONTACT	V00779		01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PL002	S1640-12	CONNECTOR - LEFT WING DISCONNECT (ZONE 510, 520)		(206) 08174 - 08208 (T206) 08362 - 08437	01
	S1635-1	. CONTACT	V49367		AR
	S1635-2	. CONTACT			AR
PL008	S2035-2	CONNECTOR - LEFT NAVIGATION LIGHT DISCONNECT (ZONE 510)	V00779	(206) 08174 - 08208 (T206) 08362 - 08437	01
	S1636-1	. CONTACT			02
PR001	S1640-9	CONNECTOR - RIGHT WING DISCONNECT (ZONE 620)		(206) 08174 - 08208 (T206) 08362 - 08437	01
	S1635-1	. CONTACT	V49367		AR
	S1635-2	. PIN			AR
PR010	S2035-2	CONNECTOR - RIGHT NAVIGATION LIGHT DISCONNECT (ZONE 620)	V00779	(206) 08174 - 08208 (T206) 08362 - 08437	01
	S1636-1	. CONTACT			02
PV001	S2035-1	CONNECTOR - TAIL STINGER DISCONNECT (ZONE 340)		(206) 08174 - 08208 (T206) 08362 - 08437	01
	S1635-1	. PIN	V49367		AR

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 02 : Sheet 01 : NAVIGATION LIGHTS



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

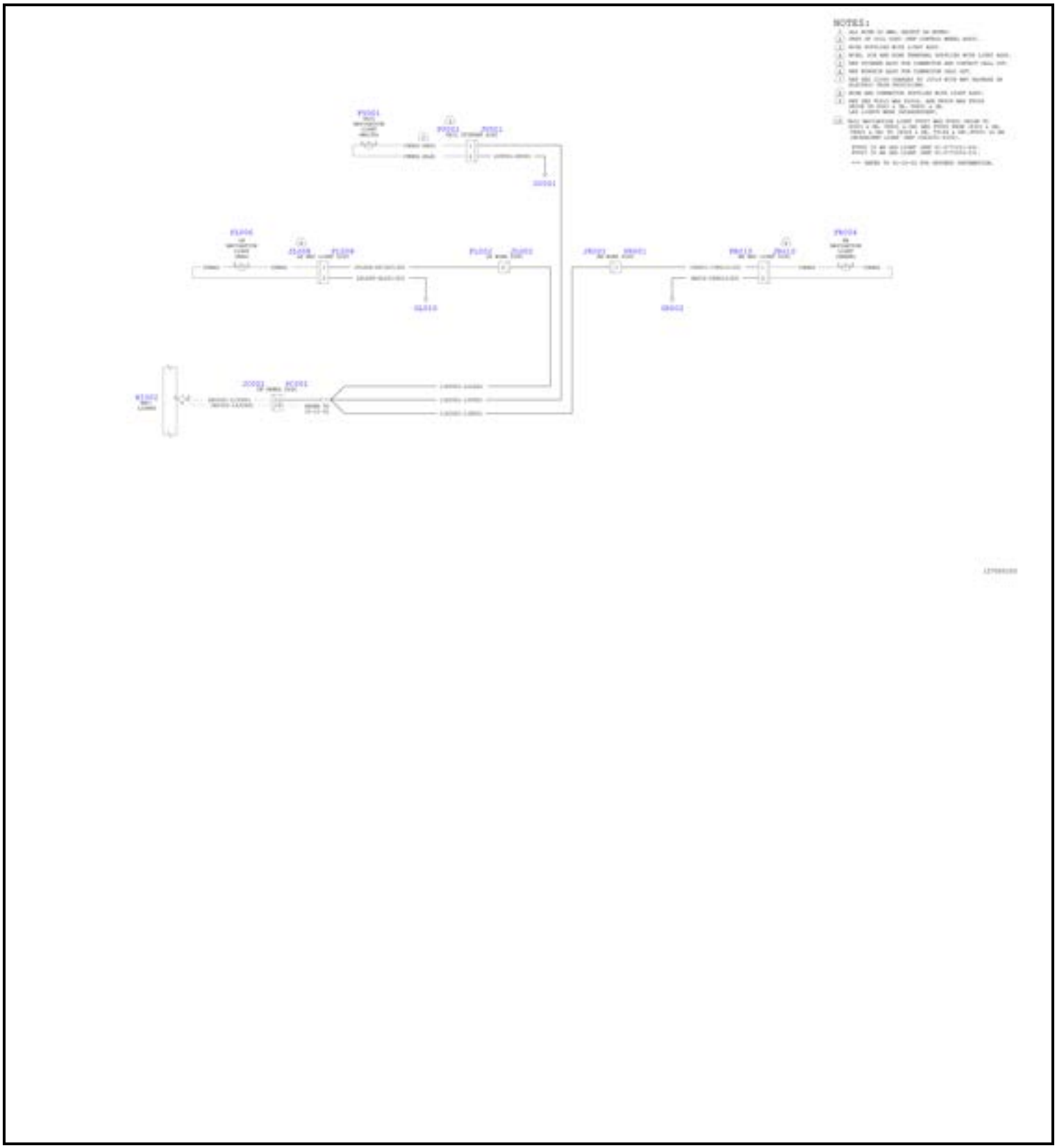
NAVIGATION LIGHTS

AIRPLANES (206) 08209 & ON AND AIRPLANES (T206) 08438 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
FL006	01-0770082-12	LIGHT - LEFT NAVIGATION LIGHT (RED) (ZONE 520)	V10402	(206) 08209 & ON (T206) 08438 & ON	01
FR004	01-0770082-13	LIGHT - RIGHT NAVIGATION (GREEN) (ZONE 620)	V10402	(206) 08209 & ON (T206) 08438 & ON	01
FV001	MS35478-1683	LIGHT - TAIL NAVIGATION (WHITE) (ZONE 340)		(206) 08209 & ON (T206) 08438 & ON	01
GL010	1208001-2	GROUND STUD (ZONE 510)		(206) 08209 & ON (T206) 08438 & ON	01
GR002	2-36153-2	GROUND STUD (ZONE 620)	V10402	(206) 08209 & ON (T206) 08438 & ON	01
GV001	1208001-2	GROUND STUD		(206) 08209 & ON (T206) 08438 & ON	01
HI002	CM3589-5	CIRCUIT BREAKER - NAVIGATION LIGHTS (ZONE 224)		(206) 08209 & ON (T206) 08438 & ON	01
JC001	S2349-5	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08209 & ON (T206) 08438 & ON	01
	S1636-2	. CONTACT			AR
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
JL002	S1641-12	CONNECTOR - LEFT WING DISCONNECT (ZONE 520)		(206) 08209 & ON (T206) 08438 & ON	01
	S1636-1	. CONTACT			AR
	S1636-2	. CONTACT			AR
JL008	S1637-2	CONNECTOR - LEFT NAVIGATION LIGHT DISCONNECT (ZONE 520)		(206) 08209 & ON (T206) 08438 & ON	01
	S1636-1	. CONTACT			AR
JR001	S1636-2	CONNECTOR - RIGHT WING DISCONNECT (ZONE 620)		(206) 08209 & ON (T206) 08438 & ON	01
	S1636-1	. CONTACT			AR
	S1641-9	. SOCKET			AR
JR010	S1637-2	CONNECTOR - RIGHT NAVIGATION LIGHT DISCONNECT (ZONE 620)		(206) 08209 & ON (T206) 08438 & ON	01
	S1636-1	. CONTACT			01
JV001	S2035-2	CONNECTOR - TAIL STINGER DISCONNECT (ZONE 340)	V00779	(206) 08209 & ON (T206) 08438 & ON	01
	S1636-1	. CONTACT			02
PC001	S2350-10	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08209 & ON (T206) 08438 & ON	01
	S2350-4	. CONTACT	V00779		01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PL002	S1640-12	CONNECTOR - LEFT WING DISCONNECT (ZONE 510, 520)		(206) 08209 & ON (T206) 08438 & ON	01
	S1635-1	. CONTACT	V49367		AR
	S1635-2	. CONTACT			AR
PL008	S2035-2	CONNECTOR - LEFT NAVIGATION LIGHT DISCONNECT (ZONE 510)	V00779	(206) 08209 & ON (T206) 08438 & ON	01
	S1636-1	. CONTACT			02
PR001	S1640-9	CONNECTOR - RIGHT WING DISCONNECT (ZONE 620)		(206) 08209 & ON (T206) 08438 & ON	01
	S1635-1	. CONTACT	V49367		AR
	S1635-2	. PIN			AR
PR010	S2035-2	CONNECTOR - RIGHT NAVIGATION LIGHT DISCONNECT (ZONE 620)	V00779	(206) 08209 & ON (T206) 08438 & ON	01
	S1636-1	. CONTACT			02
PV001	S2035-1	CONNECTOR - TAIL STINGER DISCONNECT (ZONE 340)		(206) 08209 & ON (T206) 08438 & ON	01
	S1635-1	. PIN	V49367		AR

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 03 : Sheet 01 : NAVIGATION LIGHTS



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

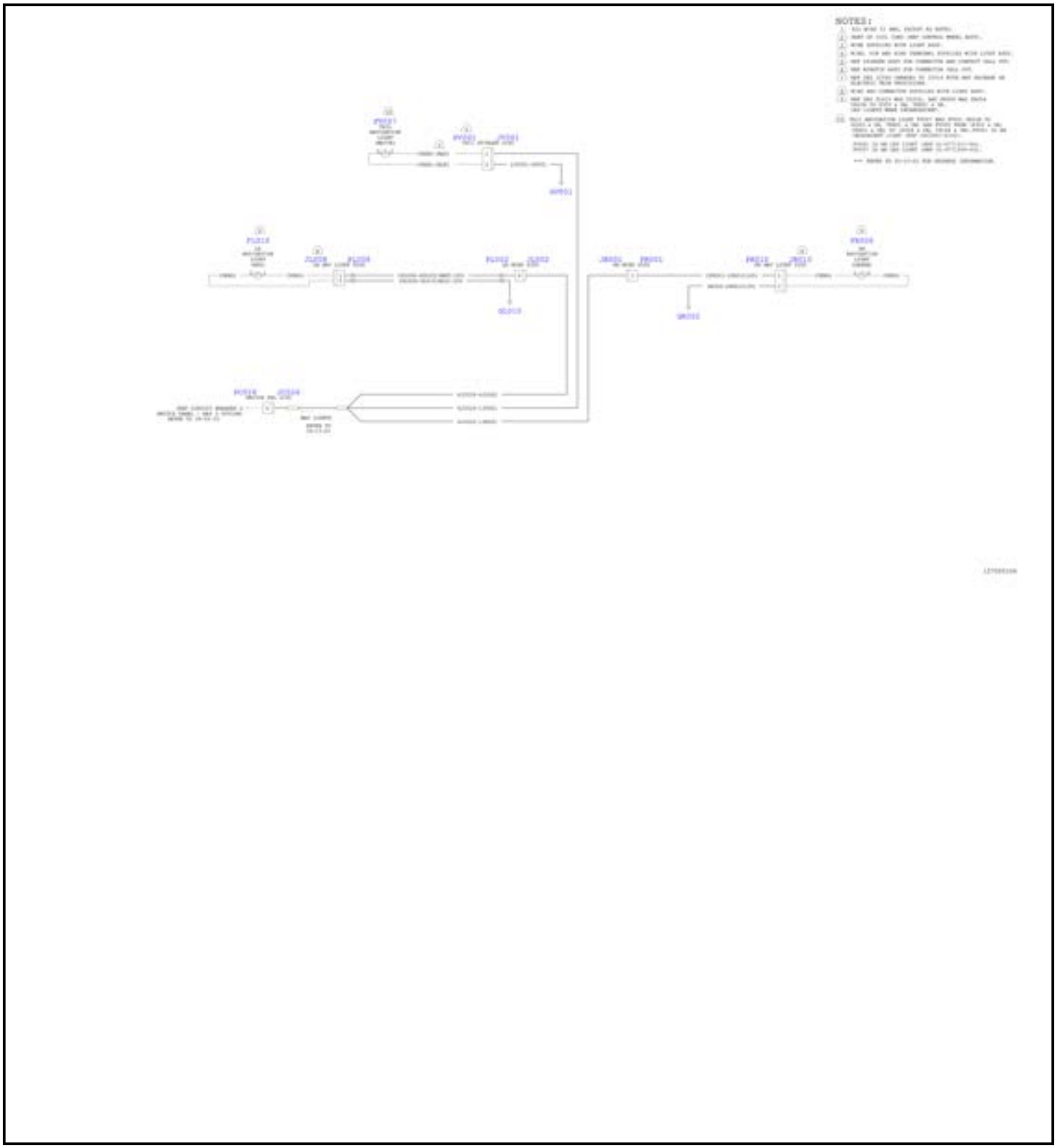
NAVIGATION LIGHTS

AIRPLANES (206) 08215 & ON WITH NAV III OPTION AND AIRPLANES (T206) 08450 & ON WITH NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
FL010	01-0771015-08	LIGHT - NAVIGATION (RED) (ZONE 520)	V10402	(206) 08215 & ON (T206) 08450 & ON	01
FR006	01-0771015-07	LIGHT - NAVIGATION (GREEN) (ZONE 620)	V10402	(206) 08215 & ON (T206) 08450 & ON	01
FV007	01-0771554-03	LIGHT-LED - TAIL NAVIGATION (WHITE)	V10402	(206) 08215 & ON (T206) 08450 & ON	01
GL010	1208001-2	GROUND STUD (ZONE 510)		(206) 08215 & ON (T206) 08450 & ON	01
GR002	2-36153-2	GROUND STUD (ZONE 620)	V10402	(206) 08215 & ON (T206) 08450 & ON	01
GV001	1208001-2	GROUND STUD		(206) 08215 & ON (T206) 08450 & ON	01
JC026	S2350-3	RECEPTACLE - SWITCH PANEL DISCONNECT (ZONE 120)		(206) 08215 & ON (T206) 08450 & ON	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
	S2353-6	. CONTACT			AR
	S3373-1	. CONTACT			AR
	S2353-3	. PIN	V00779		AR
JL002	S1641-12	CONNECTOR - LEFT WING DISCONNECT (ZONE 520)		(206) 08215 & ON (T206) 08450 & ON	01
	S1636-1	. CONTACT			AR
	S1636-2	. CONTACT			AR
JL008	S1637-2	CONNECTOR - LEFT NAVIGATION LIGHT DISCONNECT (ZONE 520)		(206) 08215 & ON (T206) 08450 & ON	01
	S1636-1	. CONTACT			AR
JR001	S1636-2	CONNECTOR - RIGHT WING DISCONNECT (ZONE 620)		(206) 08215 & ON (T206) 08450 & ON	01
	S1636-1	. CONTACT			AR
	S1641-9	. SOCKET			AR
JR010	S1637-2	CONNECTOR - RIGHT NAVIGATION LIGHT DISCONNECT (ZONE 620)		(206) 08215 & ON (T206) 08450 & ON	01
	S1636-1	. CONTACT			01
JV001	S2035-2	CONNECTOR - TAIL STINGER DISCONNECT (ZONE 340)	V00779	(206) 08215 & ON (T206) 08450 & ON	01
	S1636-1	. CONTACT			02
PC026	S2349-1	PLUG - SWITCH PANEL DISCONNECT	V00779	(206) 08215 & ON (T206) 08450 & ON	01
	S2099-3	. CONTACT			02
	S2099-4	. CONTACT	V00779		09
	S3373-2	. CONTACT			AR
PL002	S1640-12	CONNECTOR - LEFT WING DISCONNECT (ZONE 510, 520)		(206) 08215 & ON (T206) 08450 & ON	01
	S1635-1	. CONTACT	V49367		AR
	S1635-2	. CONTACT			AR
PL008	S2035-2	CONNECTOR - LEFT NAVIGATION LIGHT DISCONNECT (ZONE 510)	V00779	(206) 08215 & ON (T206) 08450 & ON	01
	S1636-1	. CONTACT			02
PR001	S1640-9	CONNECTOR - RIGHT WING DISCONNECT (ZONE 620)		(206) 08215 & ON (T206) 08450 & ON	01
	S1635-1	. CONTACT	V49367		AR
	S1635-2	. PIN			AR
PR010	S2035-2	CONNECTOR - RIGHT NAVIGATION LIGHT DISCONNECT (ZONE 620)	V00779	(206) 08215 & ON (T206) 08450 & ON	01
	S1636-1	. CONTACT			02
PV001	S2035-1	CONNECTOR - TAIL STINGER DISCONNECT (ZONE 340)		(206) 08215 & ON (T206) 08450 & ON	01
	S1635-1	. PIN	V49367		AR

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 04 : Sheet 01 : NAVIGATION LIGHTS



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

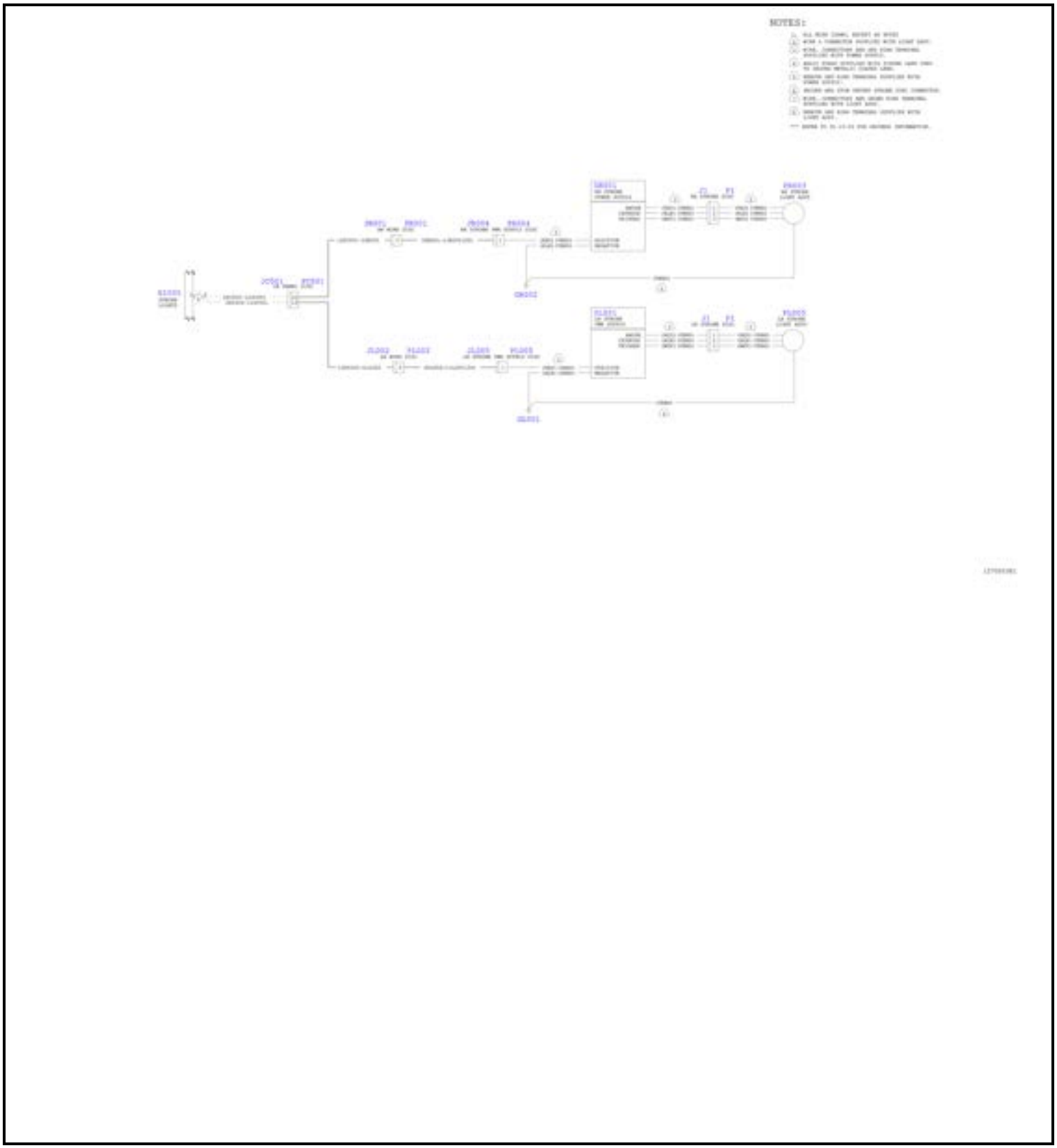
STROBE LIGHTS

AIRPLANES (206) 08001 THRU 08173 AND AIRPLANES (T206) 08001 THRU 08361

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
FL005	C622003-0101	LIGHT ASSEMBLY - LEFT STROBE (ZONE 520) FOR SPARES ORDER (MUST REPLACE WITH): 02-0250274-05		(206) 08001 - 08173 (T206) 08001 - 08361	01
	02-0250274-05	LIGHT ASSEMBLY	V10402	(206) 08001 - 08173 (T206) 08001 - 08361	01
FR003	C622003-0101	LIGHT ASSEMBLY - RIGHT STROBE (ZONE 620) FOR SPARES ORDER (MUST REPLACE WITH): 02-0250274-05		(206) 08001 - 08173 (T206) 08001 - 08361	01
	02-0250274-05	LIGHT ASSEMBLY	V10402	(206) 08001 - 08173 (T206) 08001 - 08361	01
GL001	2-36153-2	GROUND STUD (ZONE 520)	V10402	(206) 08001 - 08173 (T206) 08001 - 08361	01
GR002	2-36153-2	GROUND STUD (ZONE 620)	V10402	(206) 08001 - 08173 (T206) 08001 - 08361	01
HI005	CM3589-5	CIRCUIT BREAKER - STROBE LIGHTS (ZONE 224)		(206) 08001 - 08173 (T206) 08001 - 08361	01
J1	39-0403013-04	CONNECTOR - RIGHT STROBE DISCONNECT	V10402	(206) 08001 - 08173 (T206) 08001 - 08361	01
J1	39-0403023-04	CONNECTOR - LEFT STROBE DISCONNECT	V10402	(206) 08001 - 08173 (T206) 08001 - 08361	01
JC001	S2349-5	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08001 - 08173 (T206) 08001 - 08361	01
	S1636-2	. CONTACT			AR
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
JL002	S1641-12	CONNECTOR - LEFT WING DISCONNECT (ZONE 520)		(206) 08001 - 08173 (T206) 08001 - 08361	01
	S1636-1	. CONTACT			AR
	S1636-2	. CONTACT			AR
JL005	S1637-2	CONNECTOR - STROBE LIGHT POWER SUPPLY DISCONNECT		(206) 08001 - 08173 (T206) 08001 - 08361	01
	S1636-1	. CONTACT			01
JR001	S1636-2	CONNECTOR - RIGHT WING DISCONNECT (ZONE 620)		(206) 08001 - 08173 (T206) 08001 - 08361	01
	S1636-1	. CONTACT			AR
	S1641-9	. SOCKET			AR
JR004	S1637-2	CONNECTOR - RIGHT STROBE POWER SUPPLY DISCONNECT (ZONE 620)		(206) 08001 - 08173 (T206) 08001 - 08361	01
	S1636-1	. CONTACT			01
P1	39-0403013-04	CONNECTOR - STROBE DISCONNECT	V10402	(206) 08001 - 08173 (T206) 08001 - 08361	01
PC001	S2350-10	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08001 - 08173 (T206) 08001 - 08361	01
	S2350-4	. CONTACT	V00779		01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PL002	S1640-12	CONNECTOR - LEFT WING DISCONNECT (ZONE 510, 520)		(206) 08001 - 08173 (T206) 08001 - 08361	01
	S1635-1	. CONTACT	V49367		AR
	S1635-2	. CONTACT			AR
PL005	39-0403023-04	CONNECTOR - LEFT STROBE POWER SUPPLY DISCONNECT (ZONE 520)	V10402	(206) 08001 - 08173 (T206) 08001 - 08361	01
PR001	S1640-9	CONNECTOR - RIGHT WING DISCONNECT (ZONE 620)		(206) 08001 - 08173 (T206) 08001 - 08361	01
	S1635-1	. CONTACT	V49367		AR
	S1635-2	. PIN			AR
PR004	39-0403023-04	CONNECTOR - RIGHT STROBE POWER SUPPLY DISCONNECT (ZONE 620)	V10402	(206) 08001 - 08173 (T206) 08001 - 08361	01
UL001	01-0770006-12	POWER SUPPLY - LEFT STROBE LIGHT (ZONE 520)	V10402	(206) 08001 - 08173 (T206) 08001 - 08361	01
UR001	01-0770006-12	POWER SUPPLY - RIGHT STROBE LIGHT (ZONE 620)	V10402	(206) 08001 - 08173 (T206) 08001 - 08361	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 01 : Sheet 01 : STROBE LIGHTS



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

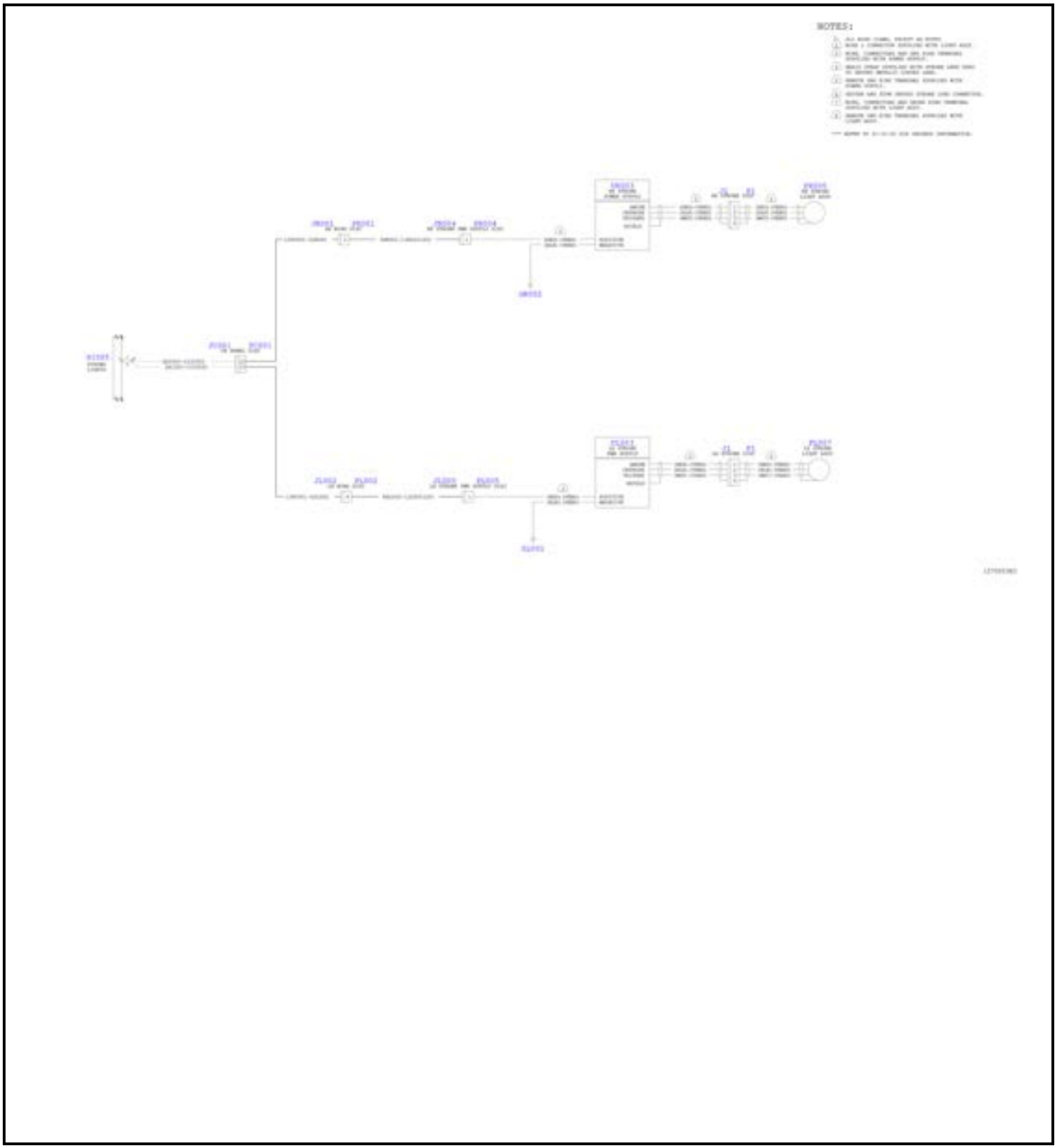
STROBE LIGHTS

AIRPLANES (206) 08174 THRU 08208 AND AIRPLANES (T206) 08362 THRU 08437

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
FL007	01-0770818-00	LIGHT ASSEMBLY - LEFT STROBE (ZONE 520)	V10402	(206) 08174 - 08208 (T206) 08362 - 08437	01
FR005	01-0770818-00	LIGHT ASSEMBLY - RIGHT STROBE (ZONE 620)	V10402	(206) 08174 - 08208 (T206) 08362 - 08437	01
GL001	2-36153-2	GROUND STUD (ZONE 520)	V10402	(206) 08174 - 08208 (T206) 08362 - 08437	01
GR002	2-36153-2	GROUND STUD (ZONE 620)	V10402	(206) 08174 - 08208 (T206) 08362 - 08437	01
HI005	CM3589-5	CIRCUIT BREAKER - STROBE LIGHTS (ZONE 224)		(206) 08174 - 08208 (T206) 08362 - 08437	01
J1	1-480424-1	CONNECTOR - RIGHT STROBE DISCONNECT (ZONE 620)	V10402	(206) 08174 & ON (206) 08362 & ON	01
J1	1-480424-1	CONNECTOR - LEFT STROBE DISCONNECT (ZONE 520)	V10402	(206) 08174 & ON (206) 08362 & ON	01
JC001	S2349-5	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08174 - 08208 (T206) 08362 - 08437	01
	S1636-2	. CONTACT			AR
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
JL002	S1641-12	CONNECTOR - LEFT WING DISCONNECT (ZONE 520)		(206) 08174 - 08208 (T206) 08362 - 08437	01
	S1636-1	. CONTACT			AR
	S1636-2	. CONTACT			AR
JL005	S1637-2	CONNECTOR - STROBE LIGHT POWER SUPPLY DISCONNECT		(206) 08174 - 08208 (T206) 08362 - 08437	01
	S1636-1	. CONTACT			01
JR001	S1636-2	CONNECTOR - RIGHT WING DISCONNECT (ZONE 620)		(206) 08174 - 08208 (T206) 08362 - 08437	01
	S1636-1	. CONTACT			AR
	S1641-9	. SOCKET			AR
JR004	S1637-2	CONNECTOR - RIGHT STROBE POWER SUPPLY DISCONNECT (ZONE 620)		(206) 08174 - 08208 (T206) 08362 - 08437	01
	S1636-1	. CONTACT			01
P1	39-0403013-04	CONNECTOR - STROBE DISCONNECT	V10402	(206) 08174 - 08208 (T206) 08362 - 08437	01
PC001	S2350-10	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08174 - 08208 (T206) 08362 - 08437	01
	S2350-4	. CONTACT	V00779		01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PL002	S1640-12	CONNECTOR - LEFT WING DISCONNECT (ZONE 510, 520)		(206) 08174 - 08208 (T206) 08362 - 08437	01
	S1635-1	. CONTACT	V49367		AR
	S1635-2	. CONTACT			AR
PL005	39-0403023-04	CONNECTOR - LEFT STROBE POWER SUPPLY DISCONNECT (ZONE 520)	V10402	(206) 08174 - 08208 (T206) 08362 - 08437	01
PR001	S1640-9	CONNECTOR - RIGHT WING DISCONNECT (ZONE 620)		(206) 08174 - 08208 (T206) 08362 - 08437	01
	S1635-1	. CONTACT	V49367		AR
	S1635-2	. PIN			AR
PR004	39-0403023-04	CONNECTOR - RIGHT STROBE POWER SUPPLY DISCONNECT (ZONE 620)	V10402	(206) 08174 - 08208 (T206) 08362 - 08437	01
UL003	01-0770006-17	POWER SUPPLY - LEFT STROBE LIGHT (ZONE 520)	V10402	(206) 08174 - 08208 (T206) 08362 - 08437	01
UR003	01-0770006-17	POWER SUPPLY - RIGHT STROBE LIGHT (ZONE 620)	V10402	(206) 08174 - 08208 (T206) 08362 - 08437	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 02 : Sheet 01 : STROBE LIGHTS



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

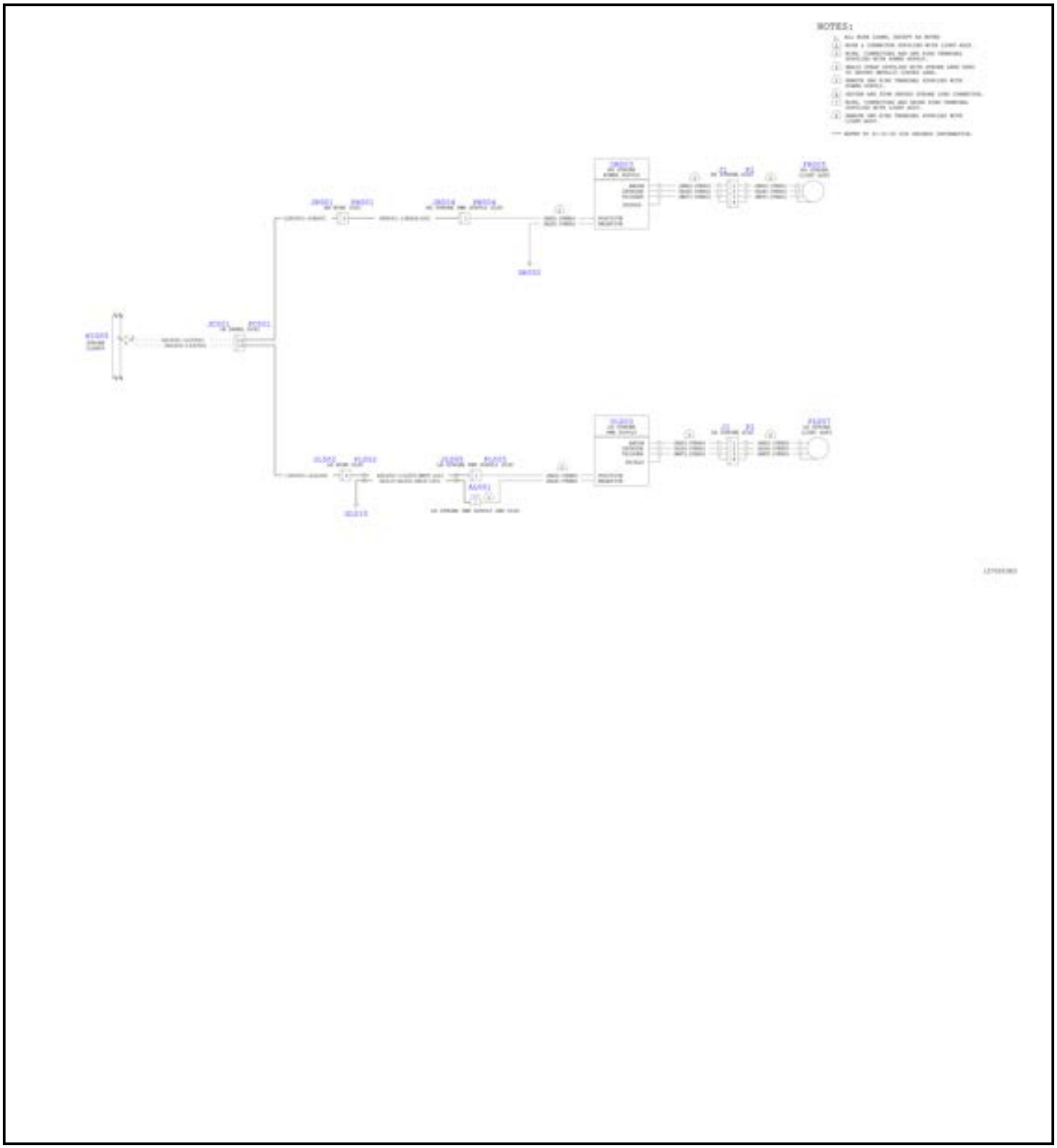
STROBE LIGHTS

AIRPLANES (206) 08209 & ON WITHOUT NAV III OPTION AND AIRPLANES (T206) 08438 & ON WITHOUT NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
AL001	796753-1	GROUND BLOCK - POWER SUPPLY GROUND DISCONNECT (ZONE 510)	V00779	(206) 08209 & ON (T206) 08438 & ON	01
FL007	01-0770818-00	LIGHT ASSEMBLY - LEFT STROBE (ZONE 520)	V10402	(206) 08209 & ON (T206) 08438 & ON	01
FR005	01-0770818-00	LIGHT ASSEMBLY - RIGHT STROBE (ZONE 620)	V10402	(206) 08209 & ON (T206) 08438 & ON	01
GL010	1208001-2	GROUND STUD (ZONE 510)		(206) 08209 & ON (T206) 08438 & ON	01
GR002	2-36153-2	GROUND STUD (ZONE 620)	V10402	(206) 08209 & ON (T206) 08438 & ON	01
HI005	CM3589-5	CIRCUIT BREAKER - STROBE LIGHTS (ZONE 224)		(206) 08209 & ON (T206) 08438 & ON	01
J1	1-480424-1	CONNECTOR - RIGHT STROBE DISCONNECT (ZONE 620)	V10402	(206) 08174 & ON (206) 08362 & ON	01
J1	1-480424-1	CONNECTOR - LEFT STROBE DISCONNECT (ZONE 520)	V10402	(206) 08174 & ON (206) 08362 & ON	01
JC001	S2349-5	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08209 & ON (T206) 08438 & ON	01
	S1636-2	. CONTACT			AR
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
JL002	S1641-12	CONNECTOR - LEFT WING DISCONNECT (ZONE 520)		(206) 08209 & ON (T206) 08438 & ON	01
	S1636-1	. CONTACT			AR
	S1636-2	. CONTACT			AR
JL005	S1637-2	CONNECTOR - STROBE LIGHT POWER SUPPLY DISCONNECT		(206) 08209 & ON (T206) 08438 & ON	01
	S1636-1	. CONTACT			01
JR001	S1636-2	CONNECTOR - RIGHT WING DISCONNECT (ZONE 620)		(206) 08209 & ON (T206) 08438 & ON	01
	S1636-1	. CONTACT			AR
	S1641-9	. SOCKET			AR
JR004	S1637-2	CONNECTOR - RIGHT STROBE POWER SUPPLY DISCONNECT (ZONE 620)		(206) 08209 & ON (T206) 08438 & ON	01
	S1636-1	. CONTACT			01
P1	39-0403013-04	CONNECTOR - STROBE DISCONNECT	V10402	(206) 08209 & ON (T206) 08438 & ON	01
P1	S2035-1	CONNECTOR - STALL WARNING HORN DISCONNECT (ZONE 620, 520)		(206) 08209 & ON (T206) 08438 & ON	01
	S1635-1	. CONTACT	V49367		AR
PC001	S2350-10	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08209 & ON (T206) 08438 & ON	01
	S2350-4	. CONTACT	V00779		01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PL002	S1640-12	CONNECTOR - LEFT WING DISCONNECT (ZONE 510, 520)		(206) 08209 & ON (T206) 08438 & ON	01
	S1635-1	. CONTACT	V49367		AR
	S1635-2	. CONTACT			AR
PL005	39-0403023-04	CONNECTOR - LEFT STROBE POWER SUPPLY DISCONNECT (ZONE 520)	V10402	(206) 08209 & ON (T206) 08438 & ON	01
PR001	S1640-9	CONNECTOR - RIGHT WING DISCONNECT (ZONE 620)		(206) 08209 & ON (T206) 08438 & ON	01
	S1635-1	. CONTACT	V49367		AR
	S1635-2	. PIN			AR
PR004	39-0403023-04	CONNECTOR - RIGHT STROBE POWER SUPPLY DISCONNECT (ZONE 620)	V10402	(206) 08209 & ON (T206) 08438 & ON	01
UL003	01-0770006-17	POWER SUPPLY - LEFT STROBE LIGHT (ZONE 520)	V10402	(206) 08209 & ON (T206) 08438 & ON	01
UR003	01-0770006-17	POWER SUPPLY - RIGHT STROBE LIGHT (ZONE 620)	V10402	(206) 08209 & ON (T206) 08438 & ON	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 03 : Sheet 01 : STROBE LIGHTS



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

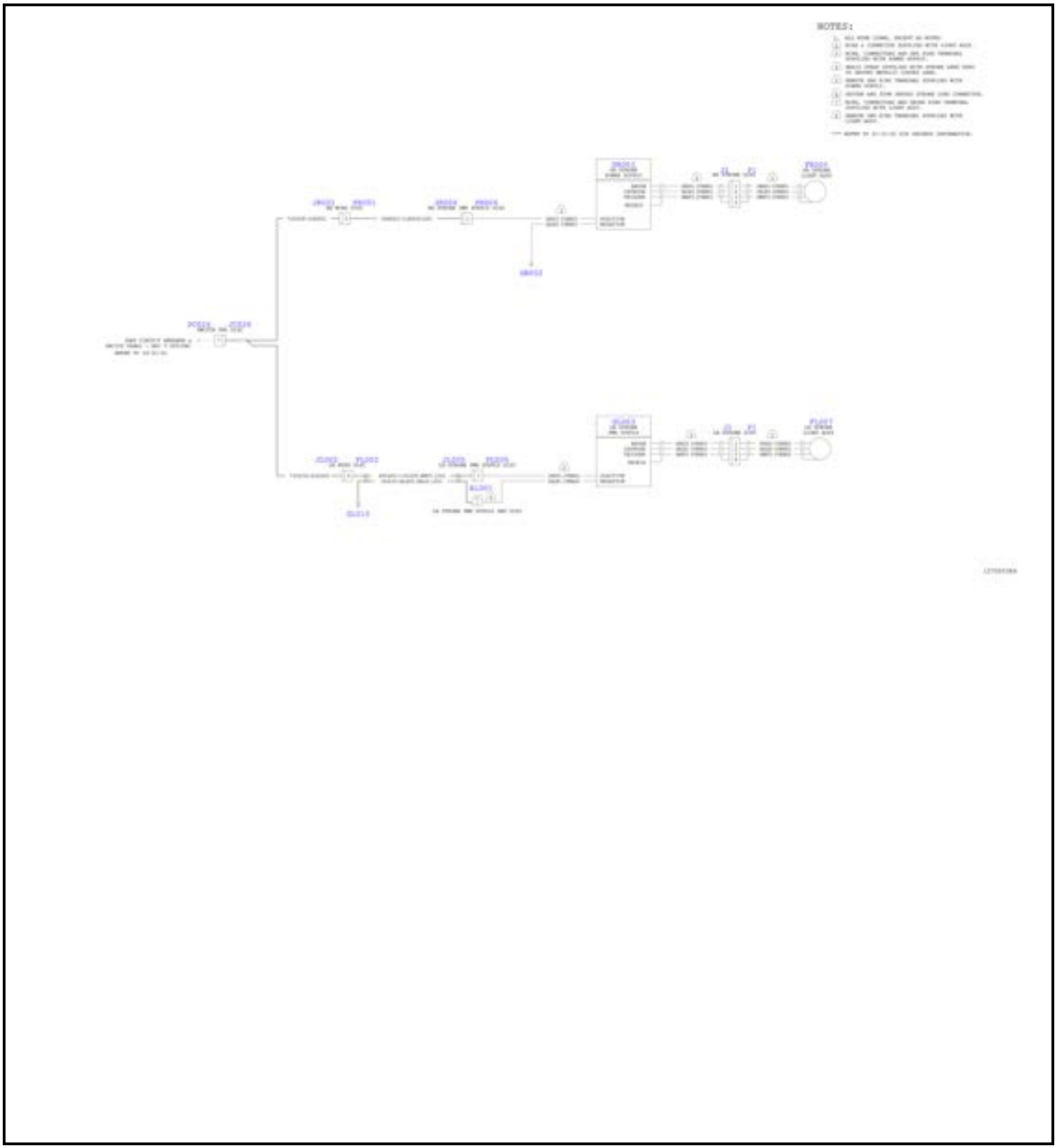
STROBE LIGHTS

AIRPLANES (206) 08215 & ON WITH NAV III OPTION AND AIRPLANES (T206) 08450 THRU 09587 WITH NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
AL001	796753-1	GROUND BLOCK - POWER SUPPLY GROUND DISCONNECT (ZONE 510)	V00779	(206) 08215 & ON (T206) 08450 - 09587	01
FL007	01-0770818-00	LIGHT ASSEMBLY - LEFT STROBE (ZONE 520)	V10402	(206) 08215 & ON (T206) 08450 - 09587	01
FR005	01-0770818-00	LIGHT ASSEMBLY - RIGHT STROBE (ZONE 620)	V10402	(206) 08215 & ON (T206) 08450 - 09587	01
GL010	1208001-2	GROUND STUD (ZONE 510)		(206) 08215 & ON (T206) 08450 - 09587	01
GR002	2-36153-2	GROUND STUD (ZONE 620)	V10402	(206) 08215 & ON (T206) 08450 - 09587	01
J1	S1640-6	CONNECTOR - JUNCTION BOX DISCONNECT (ZONE 510)		(206) 08215 & ON (T206) 08450 - 09587	01
	S1635-1	. CONTACT	V49367		AR
JC026	S2350-3	RECEPTACLE - SWITCH PANEL DISCONNECT (ZONE 120)		(206) 08215 & ON (T206) 08450 - 09587	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
	S2353-6	. CONTACT			AR
	S3373-1	. CONTACT			AR
	S2353-3	. PIN	V00779		AR
JL002	S1641-12	CONNECTOR - LEFT WING DISCONNECT (ZONE 520)		(206) 08215 & ON (T206) 08450 - 09587	01
	S1636-1	. CONTACT			AR
	S1636-2	. CONTACT			AR
JL005	S1637-2	CONNECTOR - STROBE LIGHT POWER SUPPLY DISCONNECT		(206) 08215 & ON (T206) 08450 - 09587	01
	S1636-1	. CONTACT			01
JR001	S1636-2	CONNECTOR - RIGHT WING DISCONNECT (ZONE 620)		(206) 08215 & ON (T206) 08450 - 09587	01
	S1636-1	. CONTACT			AR
	S1641-9	. SOCKET			AR
JR004	S1637-2	CONNECTOR - RIGHT STROBE POWER SUPPLY DISCONNECT (ZONE 620)		(206) 08215 & ON (T206) 08450 - 09587	01
	S1636-1	. CONTACT			01
P1	S2035-1	CONNECTOR - STALL WARNING HORN DISCONNECT (ZONE 620, 520)		(206) 08215 & ON (T206) 08450 - 09587	01
	S1635-1	. CONTACT	V49367		AR
PC026	S2349-1	PLUG - SWITCH PANEL DISCONNECT	V00779	(206) 08215 & ON (T206) 08450 - 09587	01
	S2099-3	. CONTACT			02
	S2099-4	. CONTACT	V00779		09
	S3373-2	. CONTACT			AR
PL002	S1640-12	CONNECTOR - LEFT WING DISCONNECT (ZONE 510, 520)		(206) 08215 & ON (T206) 08450 - 09587	01
	S1635-1	. CONTACT	V49367		AR
	S1635-2	. CONTACT			AR
PL005	39-0403023-04	CONNECTOR - LEFT STROBE POWER SUPPLY DISCONNECT (ZONE 520)	V10402	(206) 08215 & ON (T206) 08450 - 09587	01
PR001	S1640-9	CONNECTOR - RIGHT WING DISCONNECT (ZONE 620)		(206) 08215 & ON (T206) 08450 - 09587	01
	S1635-1	. CONTACT	V49367		AR
	S1635-2	. PIN			AR
PR004	39-0403023-04	CONNECTOR - RIGHT STROBE POWER SUPPLY DISCONNECT (ZONE 620)	V10402	(206) 08215 & ON (T206) 08450 - 09587	01
UL003	01-0770006-17	POWER SUPPLY - LEFT STROBE LIGHT (ZONE 520)	V10402	(206) 08215 & ON (T206) 08450 - 09587	01
UR003	01-0770006-17	POWER SUPPLY - RIGHT STROBE LIGHT (ZONE 620)	V10402	(206) 08215 & ON (T206) 08450 - 09587	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 04 : Sheet 01 : STROBE LIGHTS



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

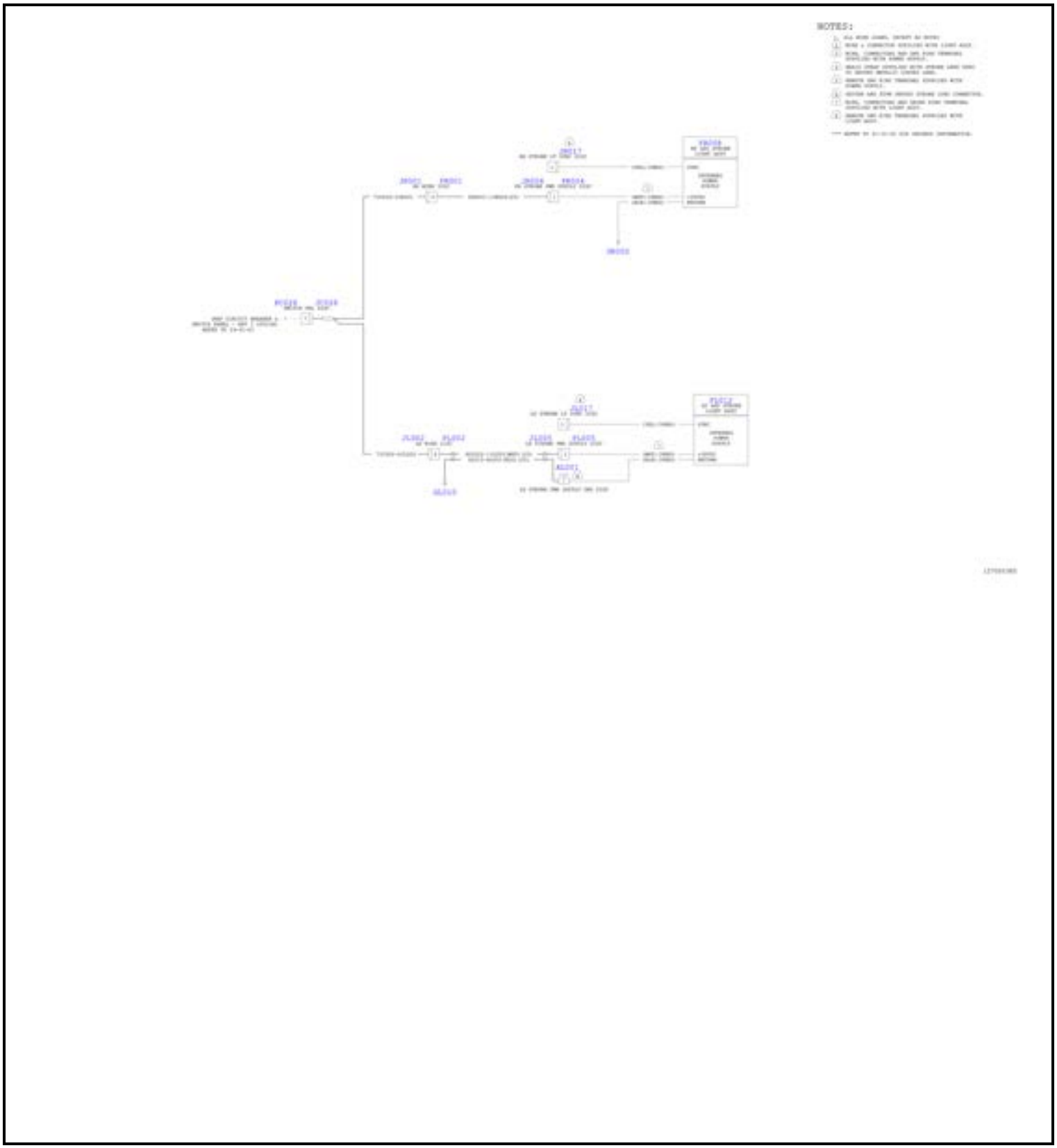
STROBE LIGHTS

AIRPLANES (T206) 09588 & ON WITH NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
AL001	796753-1	GROUND BLOCK - POWER SUPPLY GROUND DISCONNECT (ZONE 510)	V00779	(T206) 09588 & ON	01
FL012		LED STROBE LIGHT ASSY - LEFT			RF
FR008		LED STROBE LIGHT ASSY - RIGHT			RF
GL010		GROUND			RF
GR002		GROUND			RF
JC026	S2350-3	RECEPTACLE - SWITCH PANEL DISCONNECT (ZONE 120)		(T206) 09588 & ON	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
	S2353-6	. CONTACT			AR
	S3373-1	. CONTACT			AR
	S2353-3	. PIN	V00779		AR
JL002	S1641-12	CONNECTOR - LEFT WING DISCONNECT (ZONE 520)		(T206) 09588 & ON	01
	S1636-1	. CONTACT			AR
	S1636-2	. CONTACT			AR
JL005	S1637-2	CONNECTOR - STROBE LIGHT POWER SUPPLY DISCONNECT		(T206) 09588 & ON	01
	S1636-1	. CONTACT			01
JL017		CONNECTOR			RF
JR001	S1636-2	CONNECTOR - RIGHT WING DISCONNECT (ZONE 620)		(T206) 09588 & ON	01
	S1636-1	. CONTACT			AR
	S1641-9	. SOCKET			AR
JR004	S1637-2	CONNECTOR - RIGHT STROBE POWER SUPPLY DISCONNECT (ZONE 620)		(T206) 09588 & ON	01
	S1636-1	. CONTACT			01
JR017		CONNECTOR			RF
PC026	S2349-1	PLUG - SWITCH PANEL DISCONNECT	V00779	(T206) 09588 & ON	01
	S2099-3	. CONTACT			02
	S2099-4	. CONTACT	V00779		09
	S3373-2	. CONTACT			AR
PL002	S1640-12	CONNECTOR - LEFT WING DISCONNECT (ZONE 510, 520)		(T206) 09588 & ON	01
	S1635-1	. CONTACT	V49367		AR
	S1635-2	. CONTACT			AR
PL005		CONNECTOR			RF
PR001	S1640-9	CONNECTOR - RIGHT WING DISCONNECT (ZONE 620)		(T206) 09588 & ON	01
	S1635-1	. CONTACT	V49367		AR
	S1635-2	. PIN			AR
PR004		CONNECTOR			RF

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 05 : Sheet 01 : STROBE LIGHTS



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

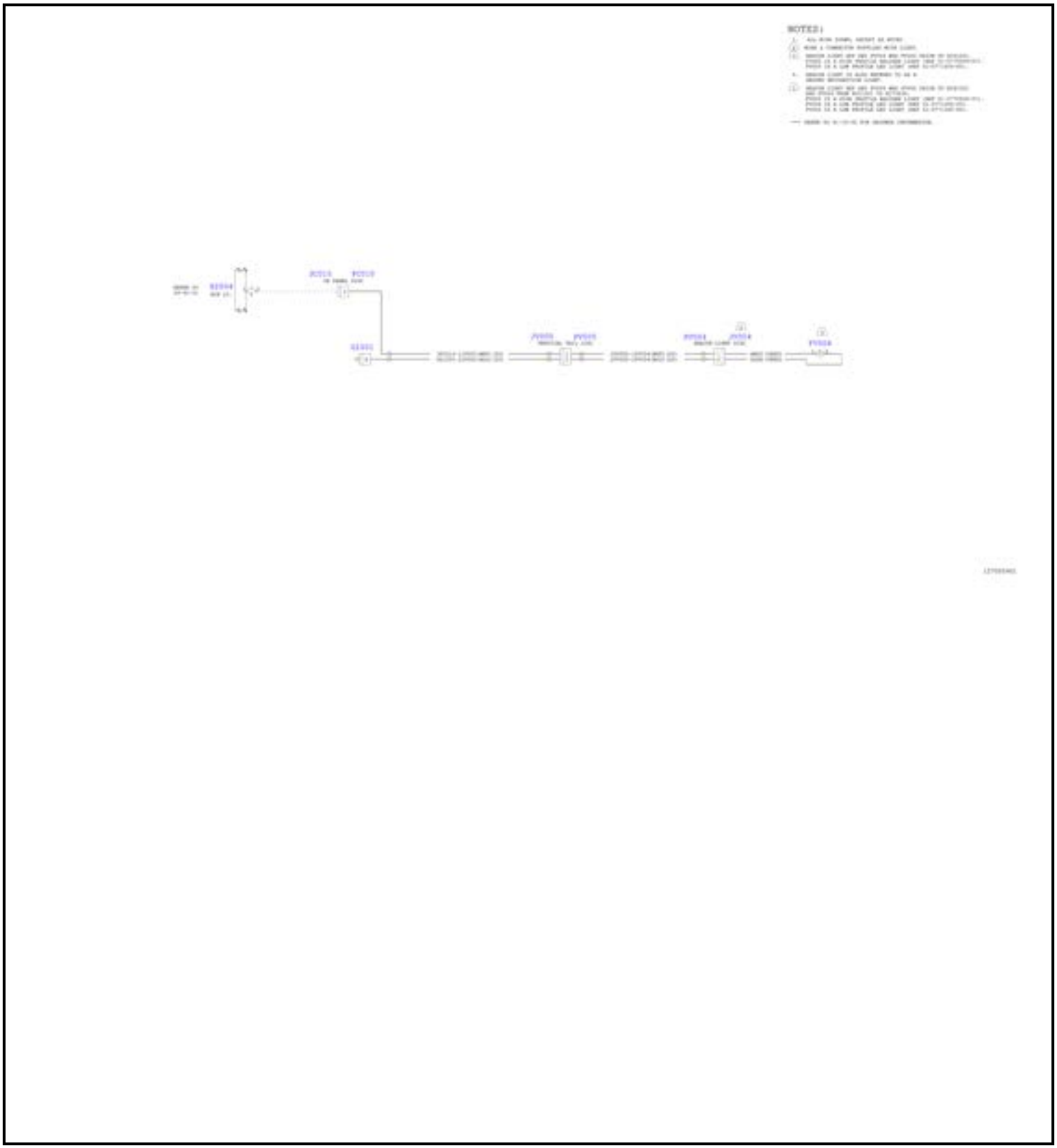
FLASHING BEACON

AIRPLANES (206) 08001 & ON AND AIRPLANES (T206) 08001 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
FV004	01-0771050-00	LIGHT - GROUND RECOGNITION (ZONE 340)	V10402	(206) 08001 & ON (T206) 08001 & ON	01
GI001	S3270-2	GROUND BLOCK (ZONE 211) FOR SPARES ORDER (MUST REPLACE WITH): S2099-2		(206) 08001 & ON (T206) 08001 & ON	01
	S2099-2	GROUND STUD		(206) 08001 & ON (T206) 08001 & ON	01
	S2099-4	. CONTACT	V00779		AR
HI004	CM3589-5	CIRCUIT BREAKER - BEACON LIGHT (ZONE 224)		(206) 08001 & ON (T206) 08001 & ON	01
JC010	S1641-9	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08001 & ON (T206) 08001 & ON	01
	S1636-2	. CONTACT			AR
JV004	39-0402023-04	CONNECTOR - BEACON LIGHT DISCONNECT (ZONE 340)	V10402	(206) 08001 & ON (T206) 08001 & ON	01
JV005	S2035-2	CONNECTOR - VERTICAL TAIL DISCONNECT (ZONE 340)	V00779	(206) 08001 & ON (T206) 08001 & ON	01
	S1636-1	. CONTACT			02
PC010	S1640-9	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08001 & ON (T206) 08001 & ON	01
	S1635-1	. CONTACT	V49367		AR
	S1635-2	. CONTACT			AR
PV004	S2035-1	CONNECTOR - BEACON LIGHT (ZONE 340)		(206) 08001 & ON (T206) 08001 & ON	01
	S1635-1	. CONTACT	V49367		02
PV005	S2035-1	CONNECTOR - VERTICAL TAIL DISCONNECT (ZONE 340)		(206) 08001 & ON (T206) 08001 & ON	01
	S1635-1	. CONTACT	V49367		02

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 01 : Sheet 01 : FLASHING BEACON



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

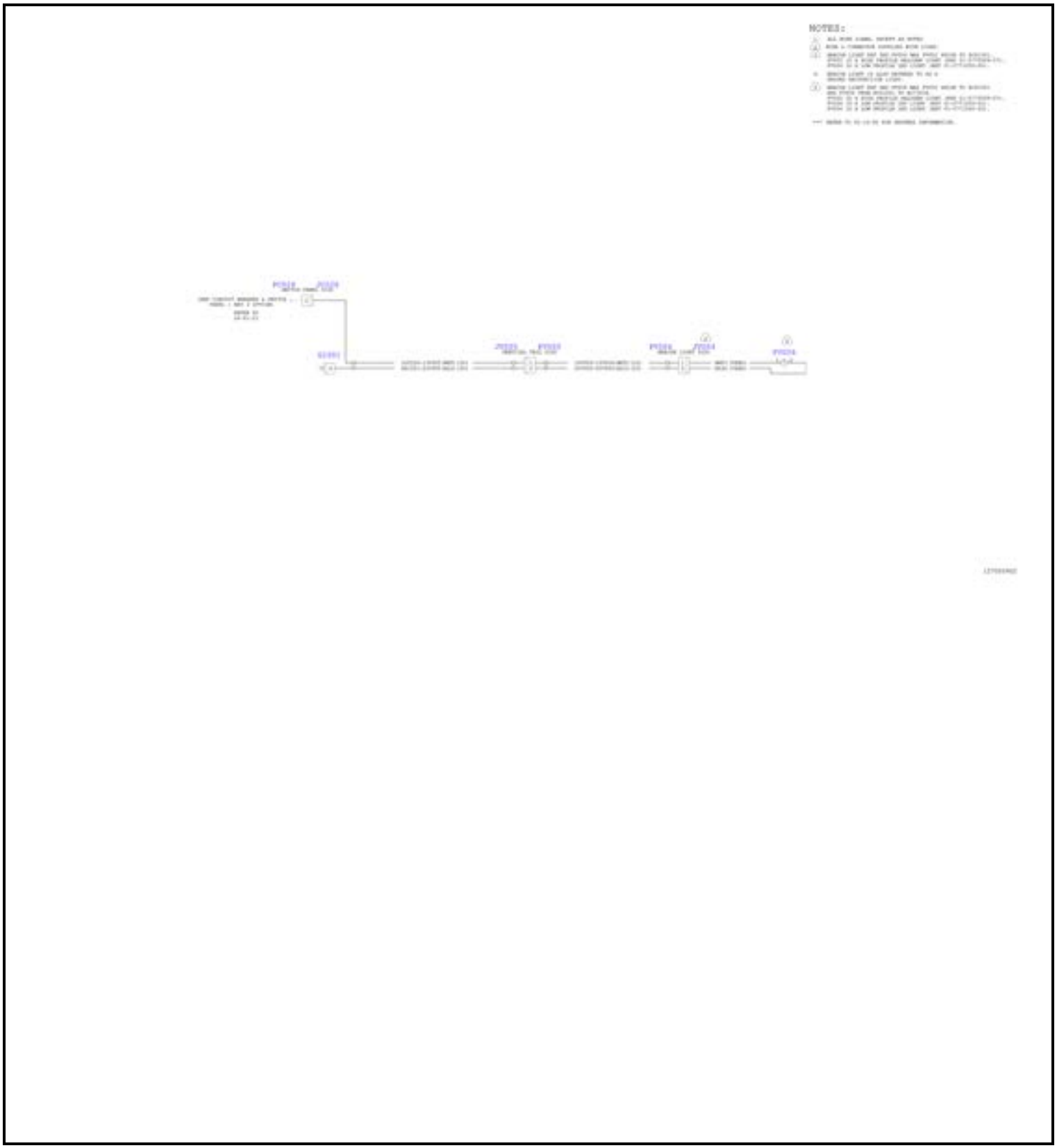
FLASHING BEACON

AIRPLANES (206) 08215 & ON WITH NAV III OPTION AND AIRPLANES (T206) 08450 & ON WITH NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
FV006	01-0771560-00	LIGHT	V10402	(206) 08215 & ON (T206) 08450 & ON	01
GI001	S3270-2	GROUND BLOCK (ZONE 211) FOR SPARES ORDER (MUST REPLACE WITH): S2099-2		(206) 08215 & ON (T206) 08450 & ON	01
	S2099-2	GROUND STUD		(206) 08215 & ON (T206) 08450 & ON	01
	S2099-4	. CONTACT	V00779		AR
JC026	S2350-3	RECEPTACLE - SWITCH PANEL DISCONNECT (ZONE 120)		(206) 08215 & ON (T206) 08450 & ON	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
	S2353-6	. CONTACT			AR
	S3373-1	. CONTACT			AR
	S2353-3	. PIN	V00779		AR
JV004	39-0402023-04	CONNECTOR - BEACON LIGHT DISCONNECT (ZONE 340)	V10402	(206) 08215 & ON (T206) 08450 & ON	01
JV005	S2035-2	CONNECTOR - VERTICAL TAIL DISCONNECT (ZONE 340)	V00779	(206) 08215 & ON (T206) 08450 & ON	01
	S1636-1	. CONTACT			02
PC026	S2349-1	PLUG - SWITCH PANEL DISCONNECT	V00779	(206) 08215 & ON (T206) 08450 & ON	01
	S2099-3	. CONTACT			02
	S2099-4	. CONTACT	V00779		09
	S3373-2	. CONTACT			AR
PV004	S2035-1	CONNECTOR - BEACON LIGHT (ZONE 340)		(206) 08215 & ON (T206) 08450 & ON	01
	S1635-1	. CONTACT	V49367		02
PV005	S2035-1	CONNECTOR - VERTICAL TAIL DISCONNECT (ZONE 340)		(206) 08215 & ON (T206) 08450 & ON	01
	S1635-1	. CONTACT	V49367		02

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 02 : Sheet 01 : FLASHING BEACON



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

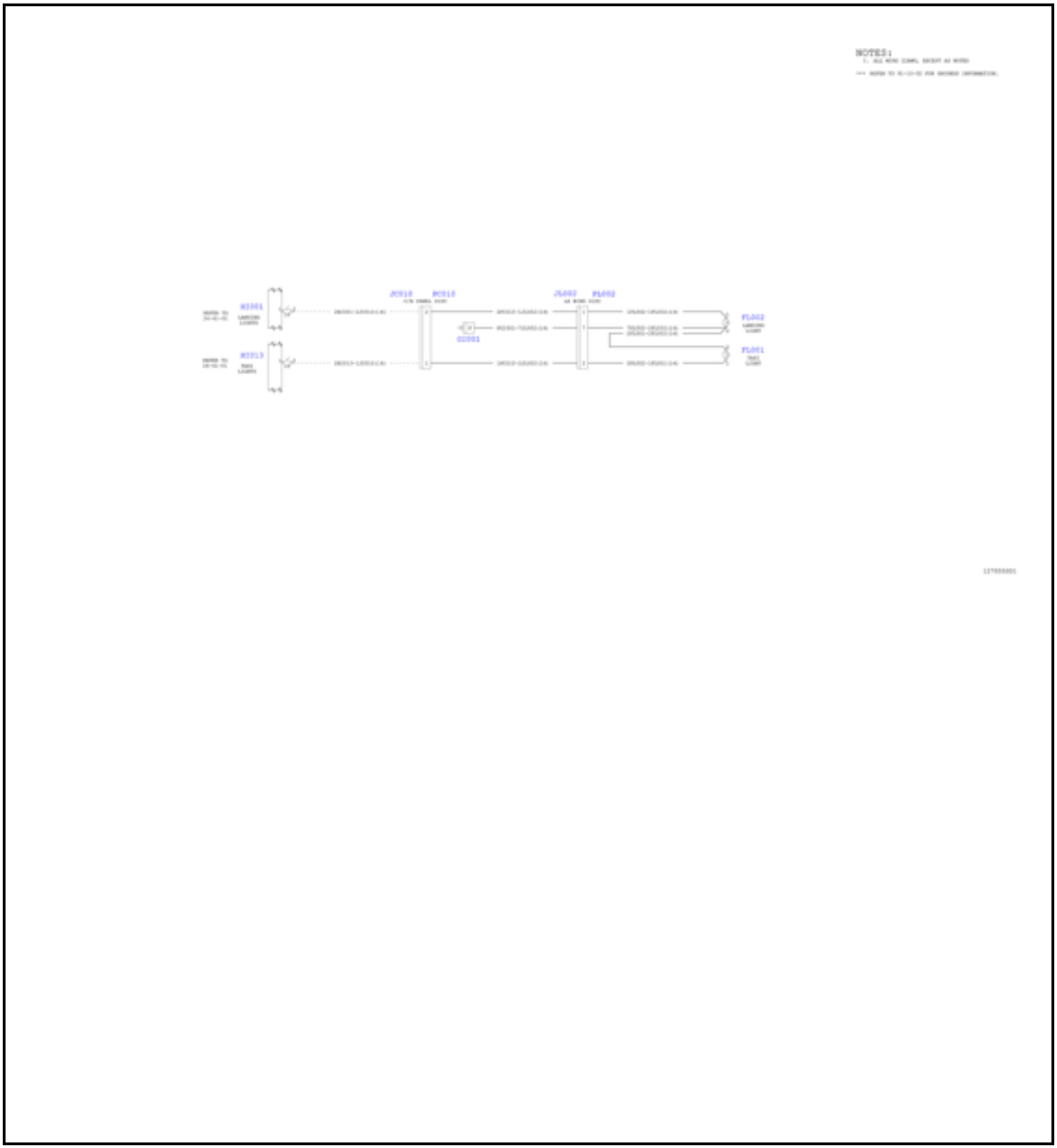
LANDING AND TAXI LIGHTS

AIRPLANES (206) 08001 THRU 08226 WITHOUT NAV III OPTION AND AIRPLANES (T206) 08001 THRU 08506 WITHOUT NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
FL001	34-0750707-00	LIGHT - TAXI (ZONE 520)	V10402	(206) 08001 - 08189 (T206) 08001 - 08387	01
	4626	. LIGHT	V80204		01
FL001	4626	LIGHT - TAXI (ZONE 520)	V80204	(206) 08190 & ON (T206) 08388 & ON	01
FL002	34-0750692-00	LIGHT - LANDING (ZONE 520) FOR SPARES ORDER (MUST REPLACE WITH): 4594	V10402	(206) 08001 - 08189 (T206) 08001 - 08387	01
	4594	LIGHT	V80204	(206) 08001 - 08226 (T206) 08001 - 08506	01
FL002	4594	LIGHT - LANDING (ZONE 520)	V80204	(206) 08190 & ON (T206) 08388 & ON	01
GI001	S2527-1	GROUND STUD FOR SPARES ORDER (MUST REPLACE WITH): S2099-2		(206) 08001 - 08226 (T206) 08001 - 08506	01
	S2099-2	CONTACT		(206) 08001 - 08226 (T206) 08001 - 08506	AR
	200838-2	. BLOCK	V00779		AR
	S2527-3	. CLAMP			AR
	S2099-13	. CONTACT			AR
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		02
	201846-1	. JACKSCREW	V00779		AR
	203618-1	. JACKSCREW	V00779		02
HI001	CM3589-10	CIRCUIT BREAKER - LANDING LIGHTS (ZONE 224)		(206) 08001 - 08226 (T206) 08001 - 08506	01
HI013	CM3589-10	CIRCUIT BREAKER - TAXI LIGHTS (ZONE 224)		(206) 08001 - 08226 (T206) 08001 - 08506	01
JC010	S1641-9	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08001 - 08226 (T206) 08001 - 08506	01
	S1636-2	. CONTACT			AR
JL002	S1641-12	CONNECTOR - LEFT WING DISCONNECT (ZONE 520)		(206) 08001 - 08226 (T206) 08001 - 08506	01
	S1636-1	. CONTACT			AR
	S1636-2	. CONTACT			AR
PC010	S1640-9	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08001 - 08226 (T206) 08001 - 08506	01
	S1635-1	. CONTACT	V49367		AR
	S1635-2	. CONTACT			AR
PL002	S1640-12	CONNECTOR - LEFT WING DISCONNECT (ZONE 510, 520)		(206) 08001 - 08226 (T206) 08001 - 08506	01
	S1635-1	. CONTACT	V49367		AR
	S1635-2	. CONTACT			AR

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 01 : Sheet 01 : LANDING AND TAXI LIGHTS



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

LANDING AND TAXI LIGHTS

AIRPLANES (206) 08215 THRU 08226 WITH NAV III OPTION AND AIRPLANES (T206) 08450 THRU 08506 WITH NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
FL001	4626	LIGHT - TAXI (ZONE 520)	V80204	(206) 08190 & ON (T206) 08388 & ON	01
FL002	4594	LIGHT - LANDING (ZONE 520)	V80204	(206) 08190 & ON (T206) 08388 & ON	01
GI001	S2527-1	GROUND STUD FOR SPARES ORDER (MUST REPLACE WITH): S2099-2		(206) 08215 - 08226 (T206) 08450 - 08506	01
	S2099-2	CONTACT		(206) 08215 - 08226 (T206) 08450 - 08506	AR
	200838-2	. BLOCK	V00779		AR
	S2527-3	. CLAMP			AR
	S2099-13	. CONTACT			AR
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		02
	201846-1	. JACKSCREW	V00779		AR
	203618-1	. JACKSCREW	V00779		02
JC026	S2350-3	RECEPTACLE - SWITCH PANEL DISCONNECT (ZONE 120)		(206) 08215 - 08226 (T206) 08450 - 08506	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
	S2353-6	. CONTACT			AR
	S3373-1	. CONTACT			AR
	S2353-3	. PIN	V00779		AR
JL002	S1641-12	CONNECTOR - LEFT WING DISCONNECT (ZONE 520)		(206) 08215 - 08226 (T206) 08450 - 08506	01
	S1636-1	. CONTACT			AR
	S1636-2	. CONTACT			AR
PC026	S2349-1	PLUG - SWITCH PANEL DISCONNECT	V00779	(206) 08215 - 08226 (T206) 08450 - 08506	01
	S2099-3	. CONTACT			02
	S2099-4	. CONTACT	V00779		09
	S3373-2	. CONTACT			AR
PL002	S1640-12	CONNECTOR - LEFT WING DISCONNECT (ZONE 510, 520)		(206) 08215 - 08226 (T206) 08450 - 08506	01
	S1635-1	. CONTACT	V49367		AR
	S1635-2	. CONTACT			AR

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 02 : Sheet 01 : LANDING AND TAXI LIGHTS



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

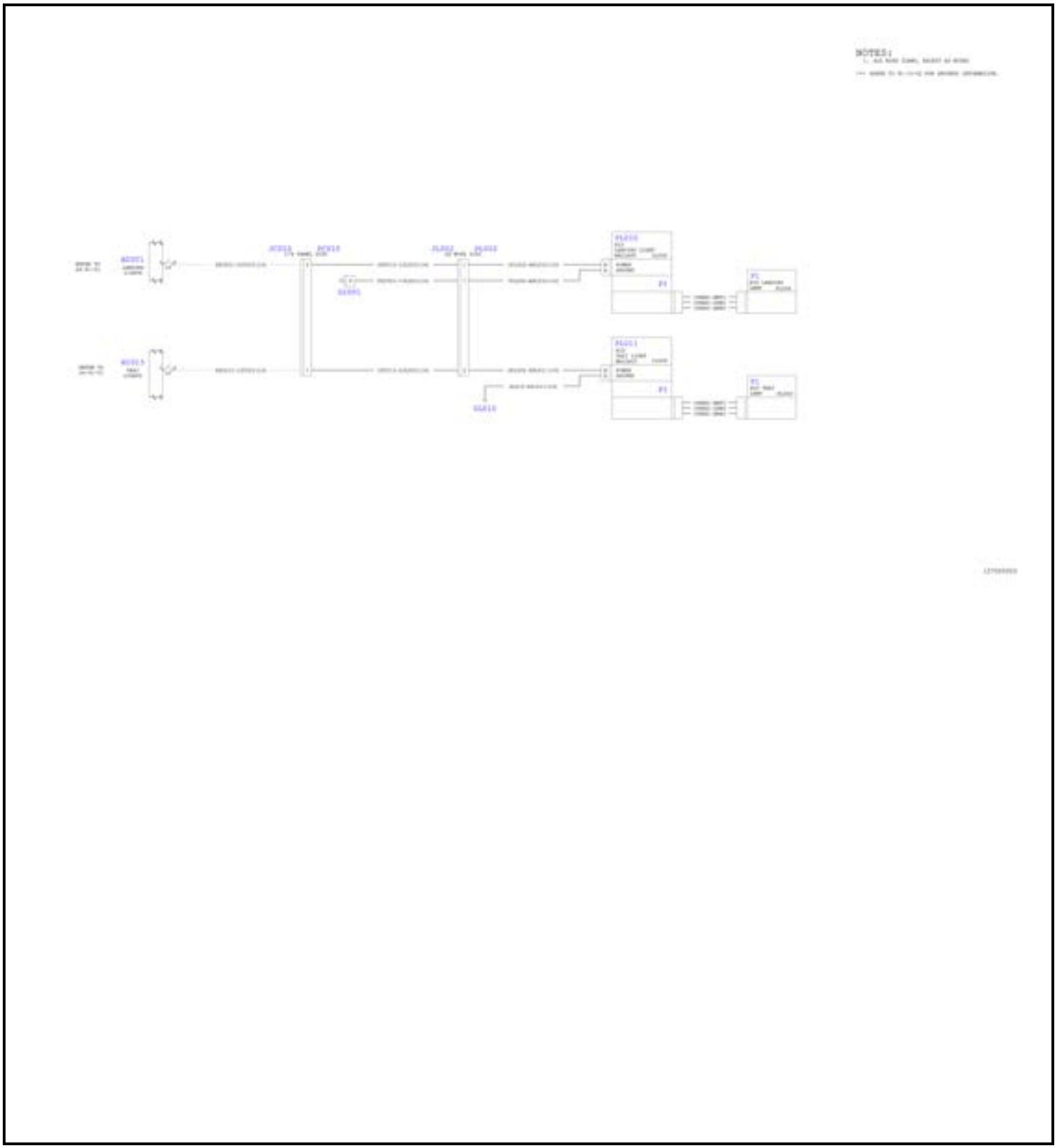
LANDING AND TAXI LIGHTS

AIRPLANES (206) 08227 & ON WITHOUT NAV III OPTION AND AIRPLANES (T206) 08507 & ON WITHOUT NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GI001	S3270-2	GROUND BLOCK (ZONE 211) FOR SPARES ORDER (MUST REPLACE WITH): S2099-2		(206) 08227 & ON (T206) 08507 & ON	01
	S2099-2	GROUND STUD		(206) 08227 & ON (T206) 08507 & ON	01
	S2099-4	. CONTACT	V00779		AR
GL010	1208001-2	GROUND STUD (ZONE 510)		(206) 08227 & ON (T206) 08507 & ON	01
HI001	CM3589-10	CIRCUIT BREAKER - LANDING LIGHTS (ZONE 224)		(206) 08227 & ON (T206) 08507 & ON	01
HI013	CM3589-10	CIRCUIT BREAKER - TAXI LIGHTS (ZONE 224)		(206) 08227 & ON (T206) 08507 & ON	01
JC010	S1641-9	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08227 & ON (T206) 08507 & ON	01
	S1636-2	. CONTACT			AR
JL002	S1641-12	CONNECTOR - LEFT WING DISCONNECT (ZONE 520)		(206) 08227 & ON (T206) 08507 & ON	01
	S1636-1	. CONTACT			AR
	S1636-2	. CONTACT			AR
P1		CONNECTOR			RF
PC010	S1640-9	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08227 & ON (T206) 08507 & ON	01
	S1635-1	. CONTACT	V49367		AR
	S1635-2	. CONTACT			AR
PL002	S1640-12	CONNECTOR - LEFT WING DISCONNECT (ZONE 510, 520)		(206) 08227 & ON (T206) 08507 & ON	01
	S1635-1	. CONTACT	V49367		AR
	S1635-2	. CONTACT			AR
PL010	AEKTKSAD0409	CONNECTOR KIT (ZONE 520)	V1F242	(206) 08227 & ON (T206) 08507 & ON	01
PL011	AEKTKSAD0409	CONNECTOR KIT (ZONE 520)	V1F242	(206) 08227 & ON (T206) 08507 & ON	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 03 : Sheet 01 : LANDING AND TAXI LIGHTS



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

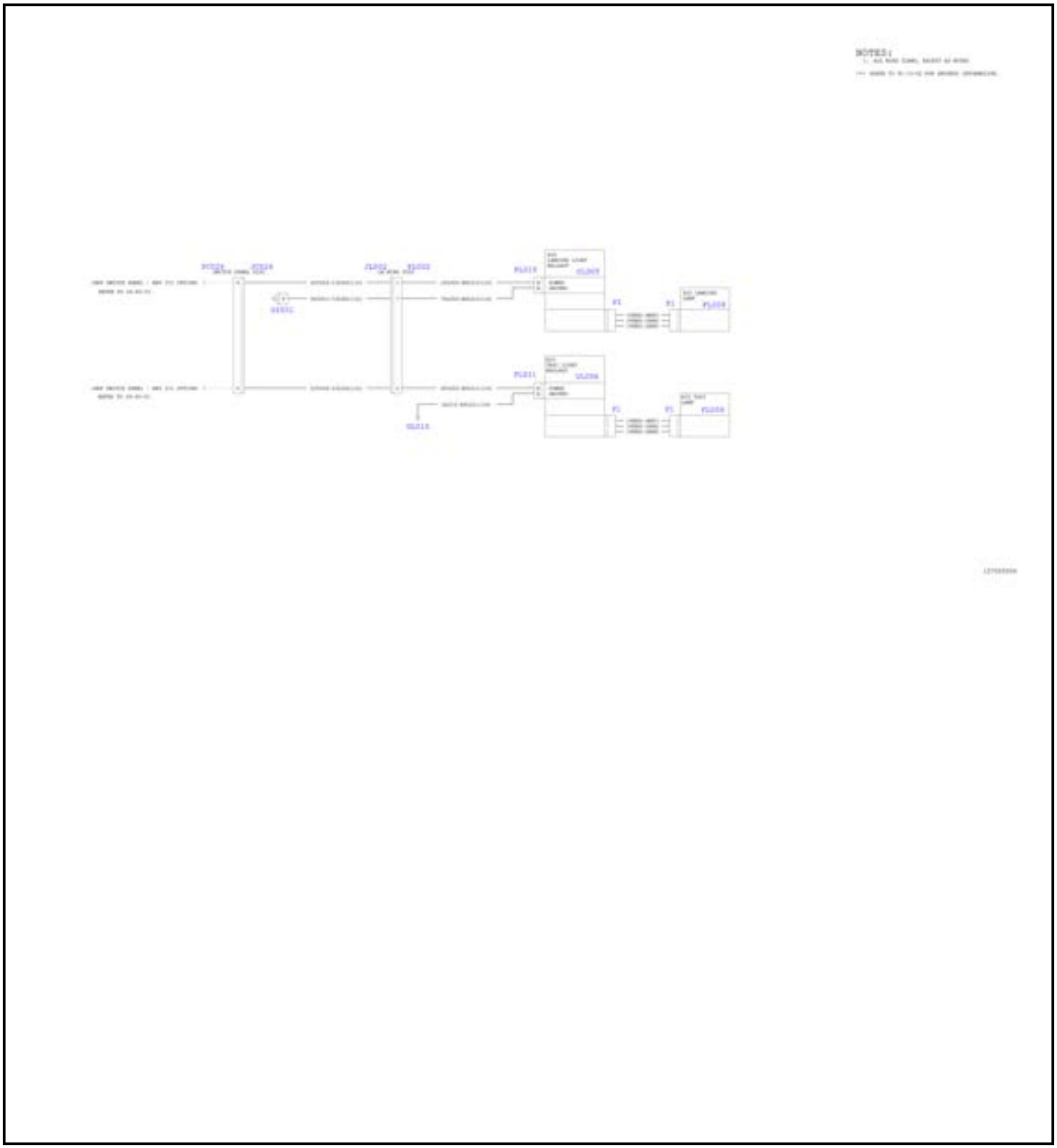
LANDING AND TAXI LIGHTS

AIRPLANES (206) 08227 & ON WITH NAV III OPTION AND AIRPLANES (T206) 08507 & ON WITH NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
FL008	81008-1	HID LIGHT ASSEMBLY - LANDING (ZONE 520) FOR SPARES ORDER (MUST REPLACE WITH): 81010-1	V32890	(206) 08227 & ON (T206) 08507 & ON	01
	81010-1	HID LIGHT ASSEMBLY	V32890	(206) 08227 & ON (T206) 08507 & ON	01
FL009	81009-1	HID LIGHT ASSEMBLY - TAXI (ZONE 520) FOR SPARES ORDER (MUST REPLACE WITH): 81011-1	V32890	(206) 08227 & ON (T206) 08507 & ON	01
	81011-1	HID LIGHT ASSEMBLY	V32890	(206) 08227 & ON (T206) 08507 & ON	01
GI001	S3270-2	GROUND BLOCK (ZONE 211) FOR SPARES ORDER (MUST REPLACE WITH): S2099-2		(206) 08227 & ON (T206) 08507 & ON	01
	S2099-2	GROUND STUD		(206) 08227 & ON (T206) 08507 & ON	01
	S2099-4	. CONTACT	V00779		AR
GL010	1208001-2	GROUND STUD (ZONE 510)		(206) 08227 & ON (T206) 08507 & ON	01
JC026	S2350-3	RECEPTACLE - SWITCH PANEL DISCONNECT (ZONE 120)		(206) 08227 & ON (T206) 08507 & ON	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
	S2353-6	. CONTACT			AR
	S3373-1	. CONTACT			AR
	S2353-3	. PIN	V00779		AR
JL002	S1641-12	CONNECTOR - LEFT WING DISCONNECT (ZONE 520)		(206) 08227 & ON (T206) 08507 & ON	01
	S1636-1	. CONTACT			AR
	S1636-2	. CONTACT			AR
P1		CONNECTOR			RF
PC026	S2349-1	PLUG - SWITCH PANEL DISCONNECT	V00779	(206) 08227 & ON (T206) 08507 & ON	01
	S2099-3	. CONTACT			02
	S2099-4	. CONTACT	V00779		09
	S3373-2	. CONTACT			AR
PL002	S1640-12	CONNECTOR - LEFT WING DISCONNECT (ZONE 510, 520)		(206) 08227 & ON (T206) 08507 & ON	01
	S1635-1	. CONTACT	V49367		AR
	S1635-2	. CONTACT			AR
PL010	AEKTKSAD0409	CONNECTOR KIT (ZONE 520)	V1F242	(206) 08227 & ON (T206) 08507 & ON	01
PL011	AEKTKSAD0409	CONNECTOR KIT (ZONE 520)	V1F242	(206) 08227 & ON (T206) 08507 & ON	01
UL005	81007-1	BALLAST KIT	V32890	(206) 08227 & ON (T206) 08507 & ON	01
UL006	81007-1	BALLAST KIT	V32890	(206) 08227 & ON (T206) 08507 & ON	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 04 : Sheet 01 : LANDING AND TAXI LIGHTS



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

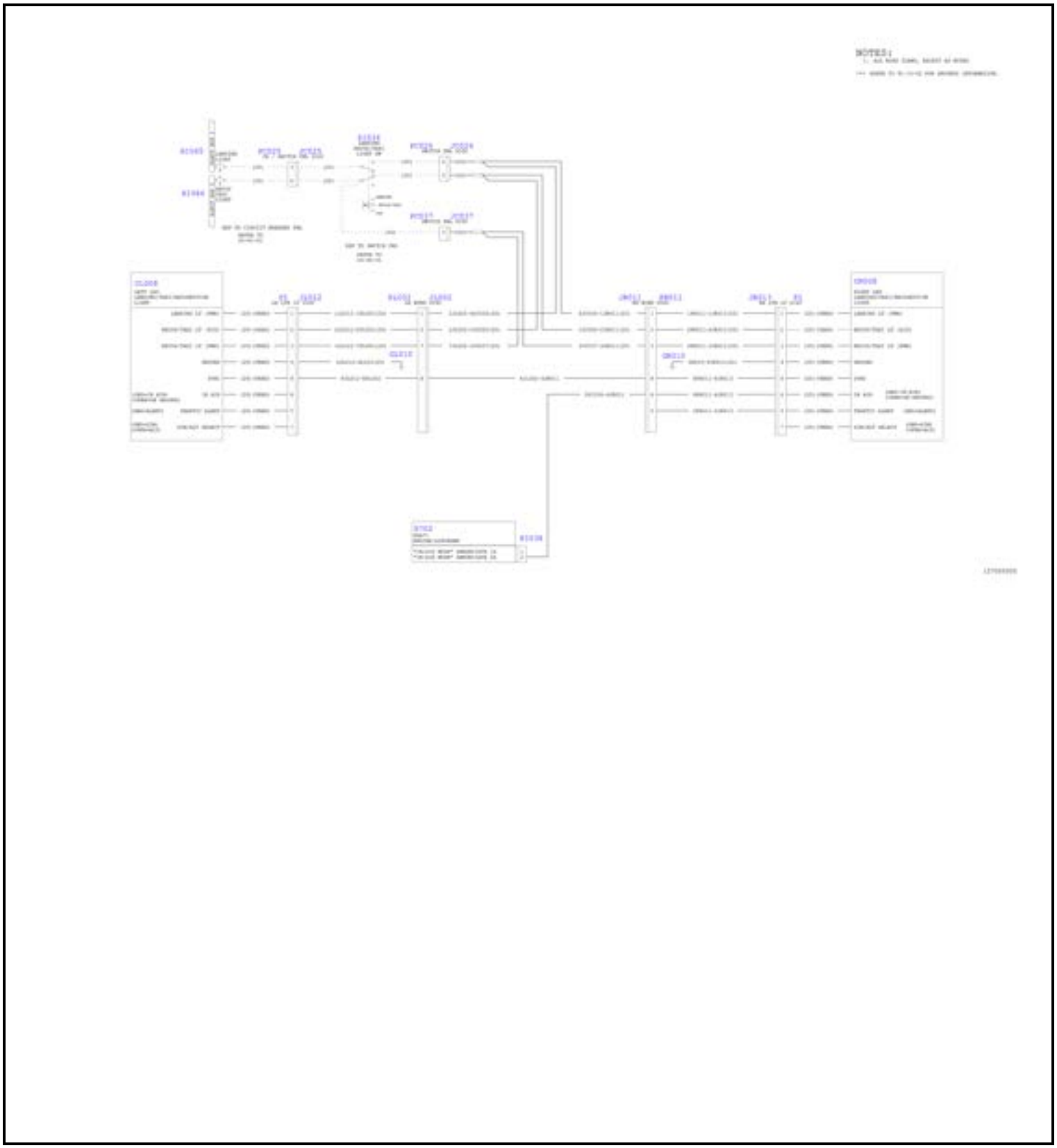
LANDING AND TAXI LIGHTS

AIRPLANES (206) 08327 THRU 08340 WITH NAV III OPTION AND AIRPLANES (T206) 09001 THRU 09056 WITH NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GL010	1208001-2	GROUND STUD (ZONE 510)		(206) 08327 - 08340 (T206) 09001 - 09056	01
GR010	1208001-2	GROUND STUD (ZONE 610)		(206) 08327 - 08340 (T206) 09001 - 09056	01
HI065	S1360-5L	CIRCUIT BREAKER		(206) 08327 - 08340 (T206) 09001 - 09056	01
HI066	S1360-5L	CIRCUIT BREAKER		(206) 08327 - 08340 (T206) 09001 - 09056	01
JC025	S2350-3	RECEPTACLE - SWITCH PANEL DISCONNECT		(206) 08327 - 08340 (T206) 09001 - 09056	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
	S3373-1	. CONTACT			AR
	S2353-6	. PIN			05
JC026	S2350-3	RECEPTACLE - SWITCH PANEL DISCONNECT (ZONE 120)		(206) 08327 - 08340 (T206) 09001 - 09056	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
	S2353-6	. CONTACT			AR
	S3373-1	. CONTACT			AR
	S2353-3	. PIN	V00779		AR
JC037	S2350-5	CONNECTOR - SWITCH PANEL DISCONNECT	V00779	(206) 08327 - 08340 (T206) 09001 - 09056	01
	S2099-4	. CONTACT	V00779		AR
JL002	S1641-12	CONNECTOR - LEFT WING DISCONNECT (ZONE 520)		(206) 08327 - 08340 (T206) 09001 - 09056	01
	S1636-1	. CONTACT			AR
	S1636-2	. CONTACT			AR
JL012		CONNECTOR			RF
JR011	M39029/63-368	SOCKET CONTACT	V28198	(206) 08327 - 08340 (T206) 09001 - 09056	01
	S2351-2	. BACKSHELL	V00779		01
	206433-2	. CONNECTOR	V00779		01
JR013	M39029/63-368	SOCKET CONTACT	V28198	(206) 08327 - 08340 (T206) 09001 - 09056	01
	S2351-2	. BACKSHELL	V00779		01
	206433-2	. CONNECTOR	V00779		01
P1		CONNECTOR			RF
P702		CONNECTOR			RF
PC025	S3373-2	CONNECTOR - CIRCUIT BREAKER/SWITCH PANEL DISCONNECT		(206) 08327 - 08340 (T206) 09001 - 09056	01
	S2099-13	. CONTACT			06
	S2099-3	. CONTACT			02
	S2099-4	. CONTACT	V00779		05
	S2349-1	. PLUG	V00779		01
PC026	S2349-1	PLUG - SWITCH PANEL DISCONNECT	V00779	(206) 08327 - 08340 (T206) 09001 - 09056	01
	S2099-3	. CONTACT			02
	S2099-4	. CONTACT	V00779		09
	S3373-2	. CONTACT			AR
PC037	S2349-2	CONNECTOR - POWER CONVERTER DISCONNECT	V00779	(206) 08327 - 08340 (T206) 09001 - 09056	01
	S2099-4	. CONTACT	V00779		AR
PI038	330-00195-78	CONNECTOR - ENGINE/AIRFRAME MONITOR (ZONE 220)	V0TRC3	(206) 08327 - 08340 (T206) 09001 - 09056	01
PL002	S1640-12	CONNECTOR - LEFT WING DISCONNECT (ZONE 510, 520)		(206) 08327 - 08340 (T206) 09001 - 09056	01
	S1635-1	. CONTACT	V49367		AR
	S1635-2	. CONTACT			AR
PR011	206434-1	CONNECTOR	V00779	(206) 08327 - 08340 (T206) 09001 - 09056	01
	S2351-2	. BACKSHELL	V00779		01
	M39029/64-369	. CONTACT PIN	V28198		01
SI034	MS27407-1	SWITCH - LANDING RECOGNITION TAXI LIGHTS	V96906	(206) 08327 & ON (T206) 09001 & ON	01
UL008		LH TAXI LIGHT			RF
UR008		RH TAXI LIGHT			RF

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 05 : Sheet 01 : LANDING AND TAXI LIGHTS



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

LANDING AND TAXI LIGHTS

AIRPLANES (206) 08341 & ON WITH NAV III OPTION AND AIRPLANES (T206) 09357 & ON WITH NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GL010	1208001-2	GROUND STUD (ZONE 510)		(206) 08341 & ON (T206) 09357 & ON	01
GR010	1208001-2	GROUND STUD (ZONE 610)		(206) 08341 & ON (T206) 09357 & ON	01
HI065	S1360-5L	CIRCUIT BREAKER		(206) 08341 & ON (T206) 09357 & ON	01
HI066	S1360-5L	CIRCUIT BREAKER		(206) 08341 & ON (T206) 09357 & ON	01
JC025	S2350-3	RECEPTACLE - SWITCH PANEL DISCONNECT		(206) 08341 & ON (T206) 09357 & ON	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
	S3373-1	. CONTACT			AR
	S2353-6	. PIN			05
JC026	S2350-3	RECEPTACLE - SWITCH PANEL DISCONNECT (ZONE 120)		(206) 08341 & ON (T206) 09357 & ON	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
	S2353-6	. CONTACT			AR
	S3373-1	. CONTACT			AR
	S2353-3	. PIN	V00779		AR
JC037	S2350-5	CONNECTOR - SWITCH PANEL DISCONNECT	V00779	(206) 08341 & ON (T206) 09357 & ON	01
	S2099-4	. CONTACT	V00779		AR
JL002	S1641-12	CONNECTOR - LEFT WING DISCONNECT (ZONE 520)		(206) 08341 & ON (T206) 09357 & ON	01
	S1636-1	. CONTACT			AR
	S1636-2	. CONTACT			AR
JL012		CONNECTOR			RF
JR011	M39029/63-368	SOCKET CONTACT	V28198	(206) 08341 & ON (T206) 09357 & ON	01
	S2351-2	. BACKSHELL	V00779		01
	206433-2	. CONNECTOR	V00779		01
JR013	M39029/63-368	SOCKET CONTACT	V28198	(206) 08341 & ON (T206) 09357 & ON	01
	S2351-2	. BACKSHELL	V00779		01
	206433-2	. CONNECTOR	V00779		01
JT005	206152-1	RECEPTACLE	V00779	(206) 08341 & ON (T206) 09357 & ON	01
	S2351-1	. BACKSHELL	V00779		01
	M39029/64-369	. CONTACT PIN	V28198		AR
P1	S2035-1	CONNECTOR - STALL WARNING HORN DISCONNECT (ZONE 620, 520)		(206) 08341 & ON (T206) 09357 & ON	01
	S1635-1	. CONTACT	V49367		AR
P702		CONNECTOR			RF
PC025	S3373-2	CONNECTOR - CIRCUIT BREAKER/SWITCH PANEL DISCONNECT		(206) 08341 & ON (T206) 09357 & ON	01
	S2099-13	. CONTACT			06
	S2099-3	. CONTACT			02
	S2099-4	. CONTACT	V00779		05
	S2349-1	. PLUG	V00779		01
PC026	S2349-1	PLUG - SWITCH PANEL DISCONNECT	V00779	(206) 08341 & ON (T206) 09357 & ON	01
	S2099-3	. CONTACT			02
	S2099-4	. CONTACT	V00779		09
	S3373-2	. CONTACT			AR
PC037	S2349-2	CONNECTOR - POWER CONVERTER DISCONNECT	V00779	(206) 08341 & ON (T206) 09357 & ON	01
	S2099-4	. CONTACT	V00779		AR
PI038	330-00195-78	CONNECTOR - ENGINE/AIRFRAME MONITOR (ZONE 220)	V0TRC3	(206) 08341 & ON (T206) 09357 & ON	01
PL002	S1640-12	CONNECTOR - LEFT WING DISCONNECT (ZONE 510, 520)		(206) 08341 & ON (T206) 09357 & ON	01
	S1635-1	. CONTACT	V49367		AR
	S1635-2	. CONTACT			AR
PR011	206434-1	CONNECTOR	V00779	(206) 08341 & ON (T206) 09357 & ON	01
	S2351-2	. BACKSHELL	V00779		01
	M39029/64-369	. CONTACT PIN	V28198		01
PT005	205839-3	CONNECTOR	V00779	(206) 08341 & ON (T206) 09357 & ON	01
	S2351-1	. BACKSHELL	V00779		01
	M39029/63-368	. SOCKET CONTACT	V28198		AR

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

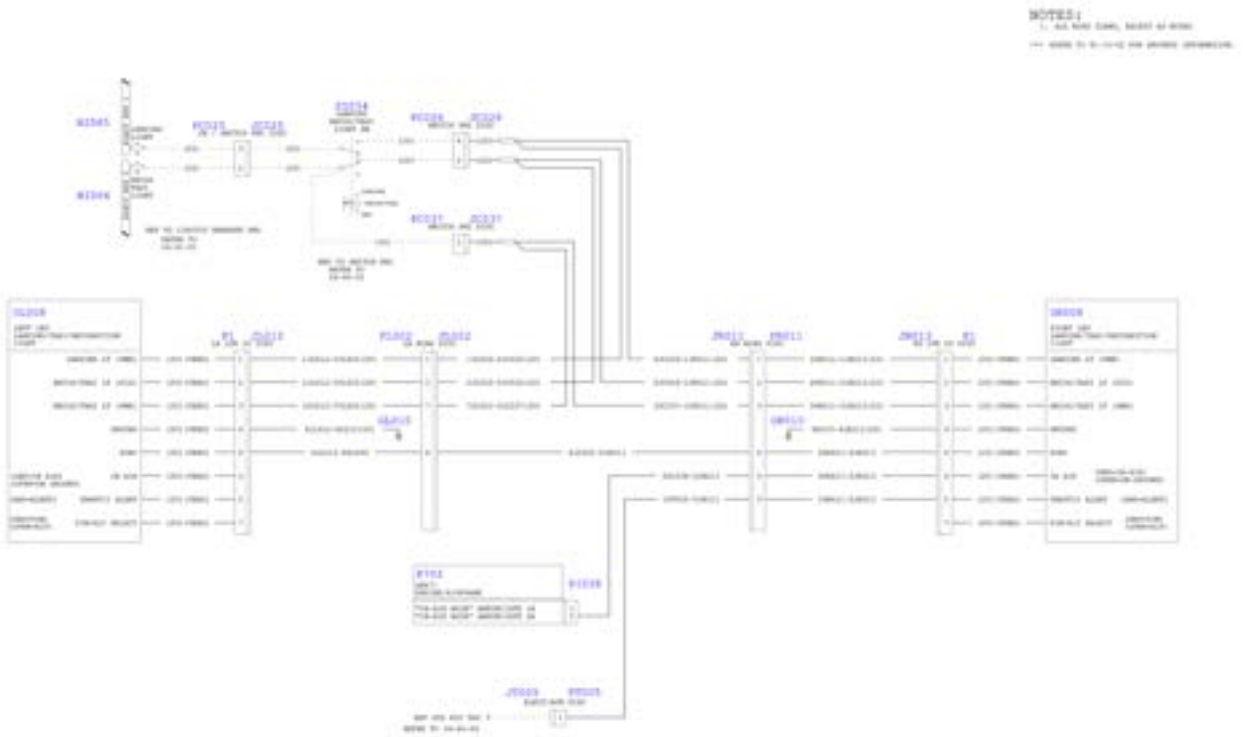
LANDING AND TAXI LIGHTS

AIRPLANES (206) 08341 & ON WITH NAV III OPTION AND AIRPLANES (T206) 09357 & ON WITH NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
SI034	MS27407-1	SWITCH - LANDING RECOGNITION TAXI LIGHTS	V96906	(206) 08327 & ON (T206) 09001 & ON	01
UL008		LH TAXI LIGHT			RF
UR008		RH TAXI LIGHT			RF

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 06 : Sheet 01 : LANDING AND TAXI LIGHTS



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

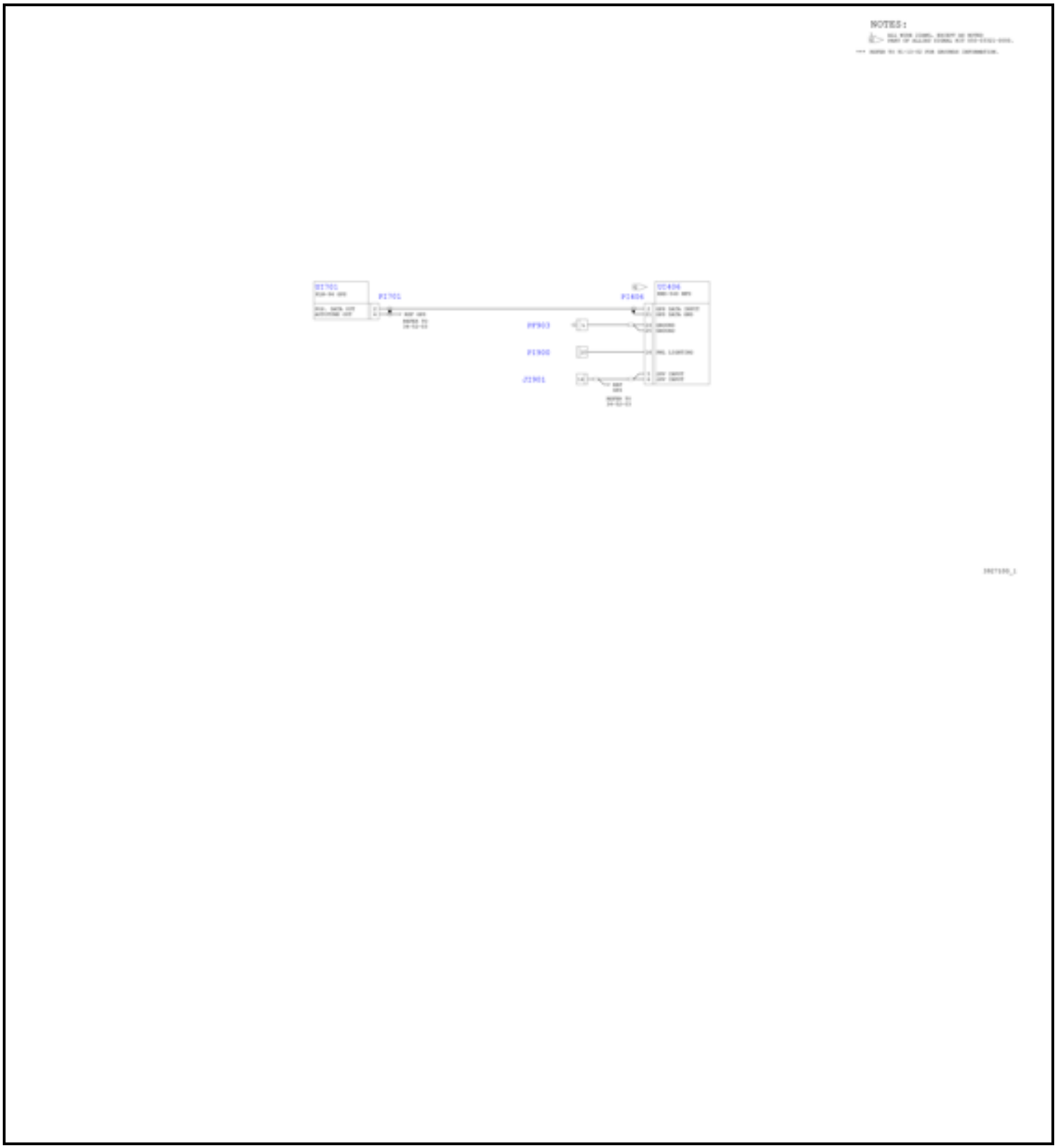
KMD-540 MULTI-FUNCTION DISPLAY

AIRPLANES (206) 08139 THRU 08173 AND AIRPLANES (T206) 08260 THRU 08361

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
JI901	S2350-3	RECEPTACLE - AVIONICS CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08139 - 08173 (T206) 08260 - 08361	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PF903	SK2701	CONNECTOR - GROUND (ZONE 221)	V28198	(206) 08139 - 08173 (T206) 08260 - 08361	01
	FC116N2	. CONTACT	V28198	(206) 08215 - 08283 (T206) 08450 - 08704	AR
	FC120N2	. CONTACT	V28198		AR
PI406	030-01175-0010	CONNECTOR - KMD-540 MULTI-FUNCTION DISPLAY (ZONE 225)	V22373	(206) 08139 - 08173 (T206) 08260 - 08361	01
	030-01157-0011	. CONTACT	V22373		AR
PI701	030-03272-0000	CONNECTOR - KLN-94 GPS (ZONE 225)	V22373	(206) 08139 - 08173 (T206) 08260 - 08361	01
PI900	S3070-9	CONNECTOR KIT - PANEL LIGHTING (ZONE 225)	V49367	(206) 08139 - 08173 (T206) 08260 - 08361	01
	LMD6106P	. MODULE	V49367		01
	LMS01T-TL	. SPLICE	V49367		01
UI406	066-04035-0101	MULTI-FUNCTION DISPLAY - KMD-540	V22373	(206) 08139 - 08173 (T206) 08260 - 08361	01
UI701	069-01034-0102	RECEIVER - KLN-94 GPS	V22373	(206) 08139 - 08173 (T206) 08260 - 08361	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 01 : Sheet 01 : KMD-540 MULTI-FUNCTION DISPLAY



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

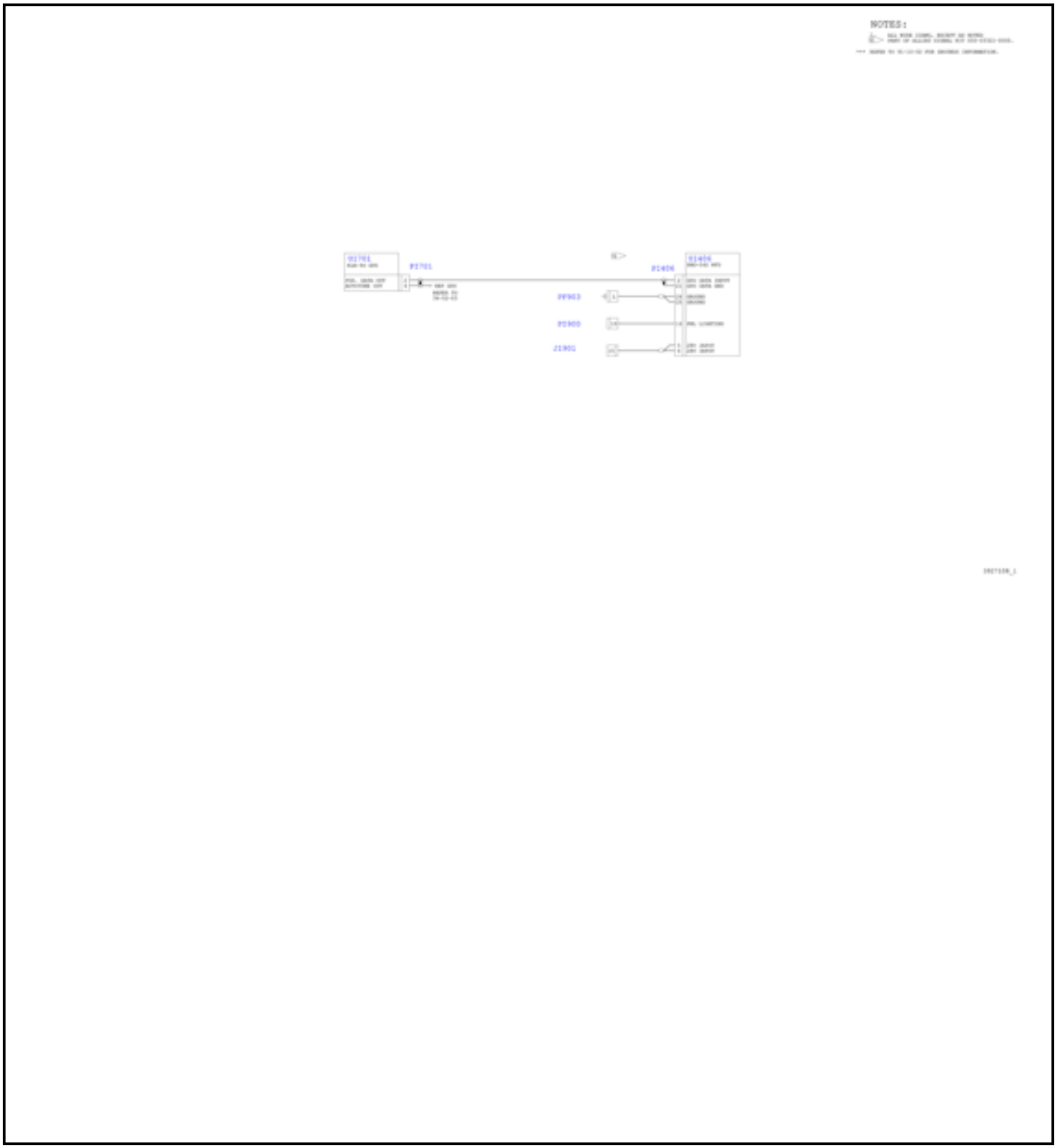
KMD-540 MULTI-FUNCTION DISPLAY

AIRPLANES (206) 08174 & ON AND AIRPLANES (T206) 08362 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
JI901	S2350-3	RECEPTACLE - AVIONICS CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08174 & ON (T206) 08362 & ON	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PF903	SK2701	CONNECTOR - GROUND (ZONE 221)	V28198	(206) 08174 & ON (T206) 08362 & ON	01
	FC116N2	. CONTACT	V28198	(206) 08215 - 08283 (T206) 08450 - 08704	AR
	FC120N2	. CONTACT	V28198		AR
PI406	030-01175-0010	CONNECTOR - KMD-540 MULTI-FUNCTION DISPLAY (ZONE 225)	V22373	(206) 08174 & ON (T206) 08362 & ON	01
	030-01157-0011	. CONTACT	V22373		AR
PI701	030-03272-0000	CONNECTOR - KLN-94 GPS (ZONE 225)	V22373	(206) 08174 & ON (T206) 08362 & ON	01
PI900	S3070-9	CONNECTOR KIT - PANEL LIGHTING (ZONE 225)	V49367	(206) 08174 & ON (T206) 08362 & ON	01
	LMD6106P	. MODULE	V49367		01
	LMS01T-TL	. SPLICE	V49367		01
UI406	066-04035-0101	MULTI-FUNCTION DISPLAY - KMD-540	V22373	(206) 08174 & ON (T206) 08362 & ON	01
UI701	069-01034-0102	RECEIVER - KLN-94 GPS	V22373	(206) 08174 & ON (T206) 08362 & ON	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 02 : Sheet 01 : KMD-540 MULTI-FUNCTION DISPLAY



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

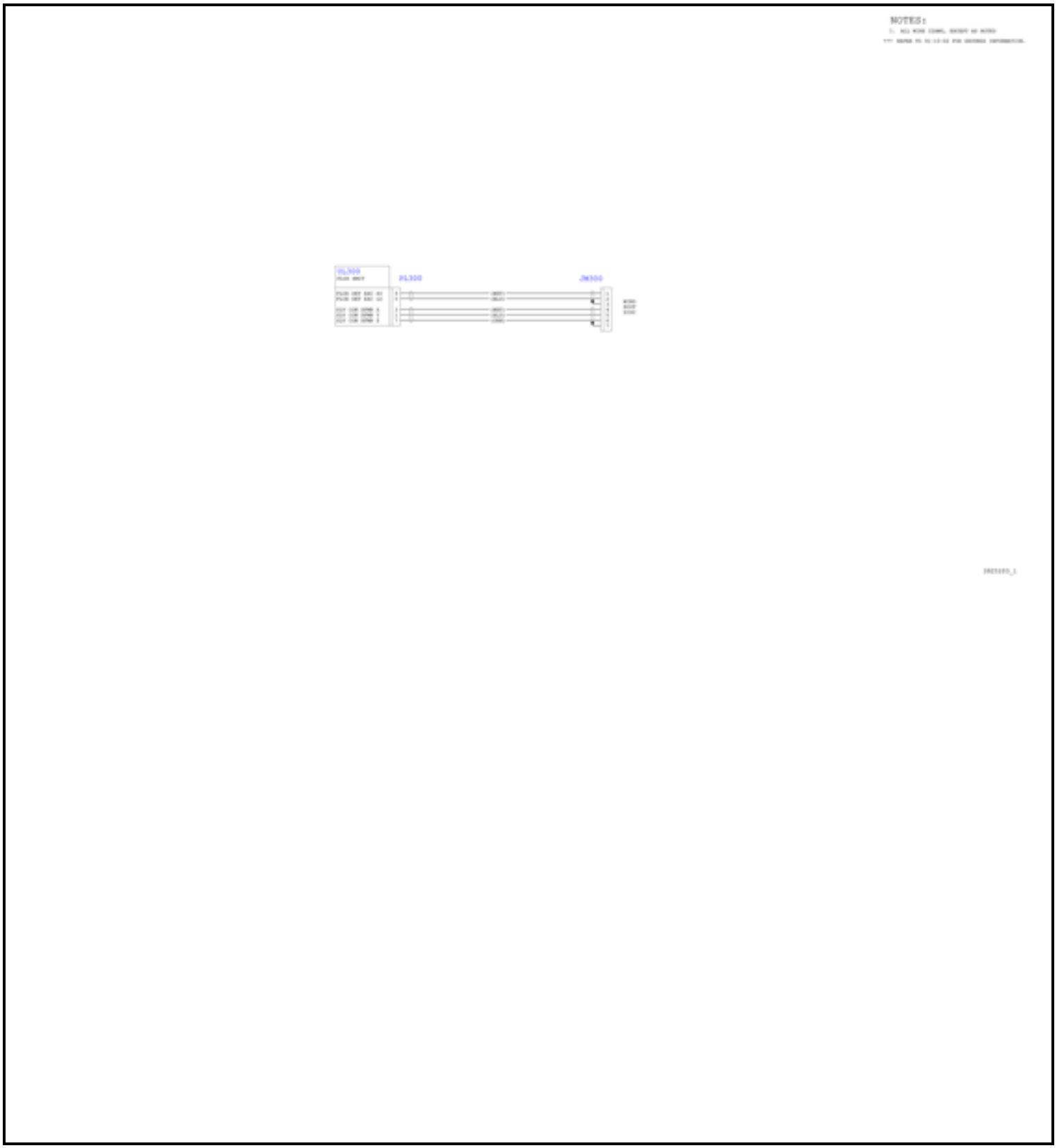
FLUX DETECTOR

AIRPLANES (206) 08083 THRU 08138 AND AIRPLANES (T206) 08147 THRU 08259

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
JM300	206434-1	CONNECTOR - WING ROOT DISCONNECT (ZONE 510)	V00779	(206) 08083 - 08138 (T206) 08147 - 08259	01
	206062-3	. BACKSHELL	V00779		01
	5-66506-9	. PIN	V00779		07
PL300	S2349-3	CONNECTOR - FLUX TRANSMITTER (ZONE 520)		(206) 08083 - 08138 (T206) 08147 - 08259	01
	S2351-3	. CLAMP			01
	S2099-9	. CONTACT			01
UL300	1B495-4	FLUX DETECTOR		(206) 08083 - 08138 (T206) 08147 - 08259	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 01 : Sheet 01 : FLUX DETECTOR



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

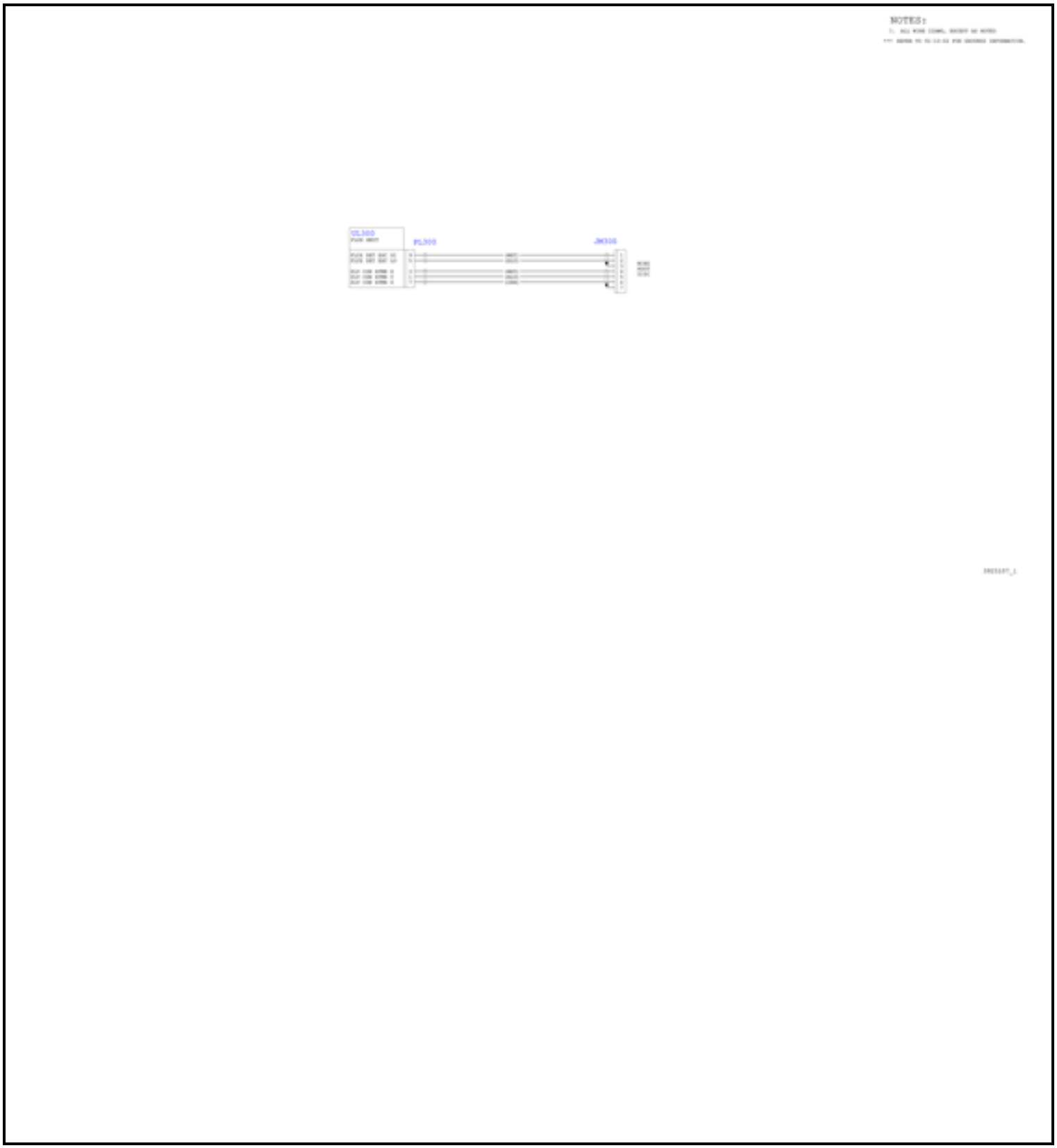
FLUX DETECTOR

AIRPLANES (206) 08139 THRU 08173 AND AIRPLANES (T206) 08260 THRU 08361

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
JM300	206434-1	CONNECTOR - WING ROOT DISCONNECT (ZONE 510)	V00779	(206) 08139 - 08173 (T206) 08260 - 08361	01
	206062-3	. BACKSHELL	V00779		01
	5-66506-9	. PIN	V00779		07
PL300	S2349-3	CONNECTOR - FLUX TRANSMITTER (ZONE 520)		(206) 08139 - 08173 (T206) 08260 - 08361	01
	S2351-3	. CLAMP			01
	S2099-9	. CONTACT			01
UL300	1B495-4	FLUX DETECTOR		(206) 08139 - 08173 (T206) 08260 - 08361	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 02 : Sheet 01 : FLUX DETECTOR



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

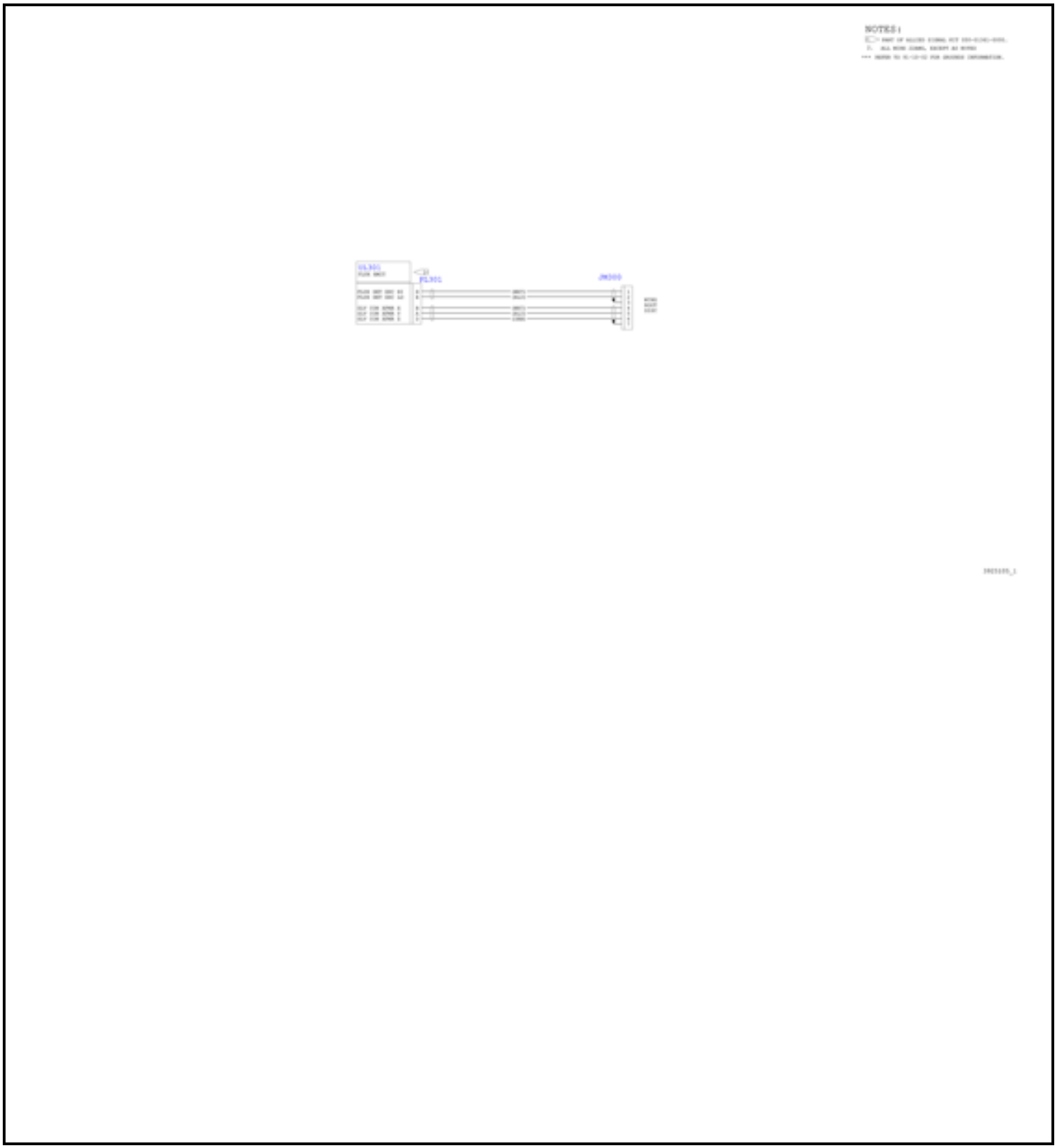
FLUX DETECTOR

AIRPLANES (206) 08174 & ON AND AIRPLANES (T206) 08362 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
JM300	206434-1	CONNECTOR - WING ROOT DISCONNECT (ZONE 510)	V00779	(206) 08174 & ON (T206) 08362 & ON	01
	206062-3	. BACKSHELL	V00779		01
	5-66506-9	. PIN	V00779		07
PL301	030-02190-0000	CONNECTOR - FLUX TRANSMITTER DISCONNECT (ZONE 520)	V22373	(206) 08174 & ON (T206) 08362 & ON	01
UL301	071-1052-00	FLUX DETECTOR - KCS-55A	V22373	(206) 08174 & ON (T206) 08362 & ON	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 03 : Sheet 01 : FLUX DETECTOR



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

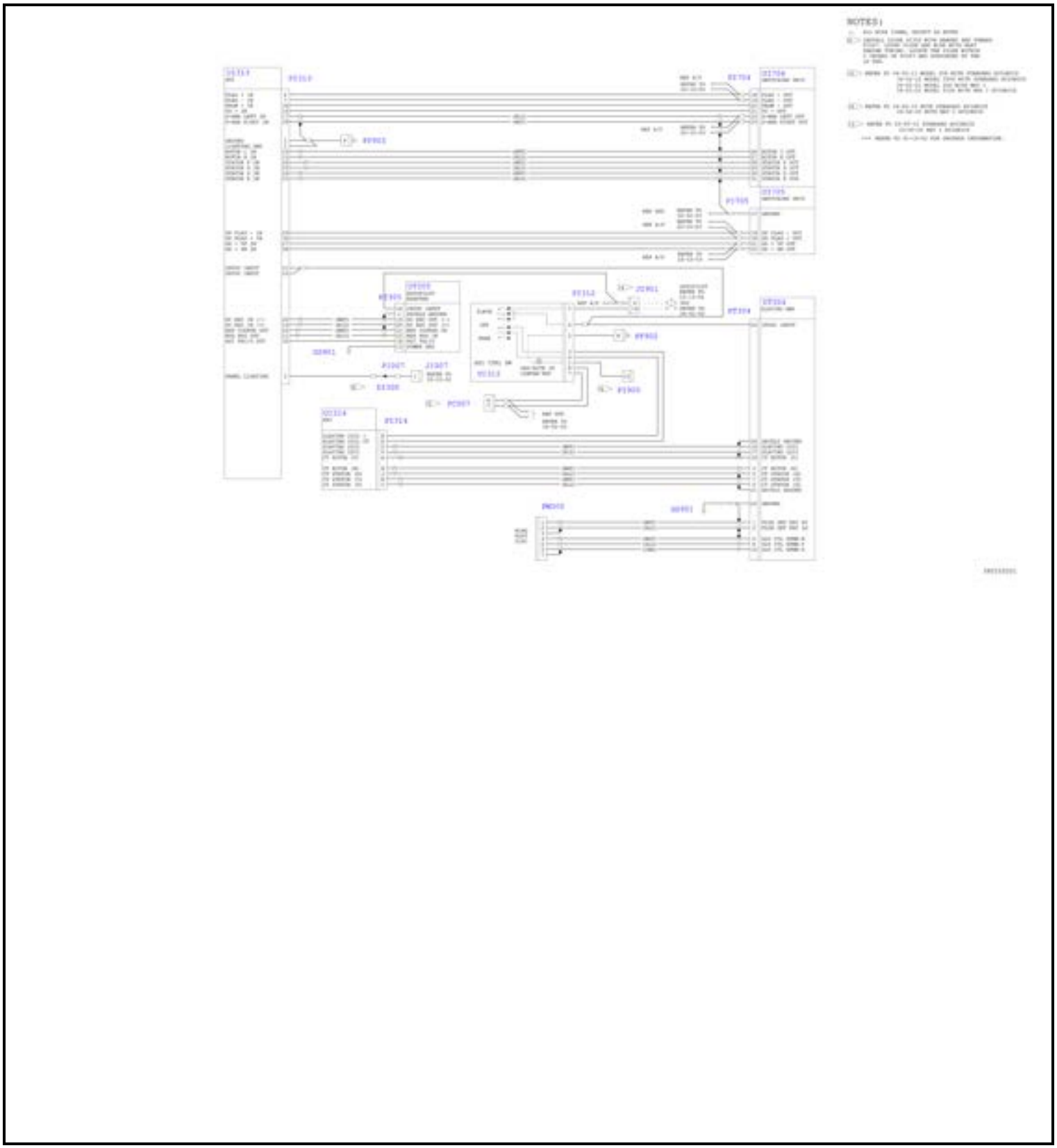
HORIZONTAL SITUATION INDICATOR

AIRPLANES (206) 08083 THRU 08138 WITH NAV I OPTION AND AIRPLANES (T206) 08147 THRU 08259 WITH NAV I OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
DI300	1N4730A	DIODE (ZONE 224)	V07688	(206) 08083 - 08138 (T206) 08147 - 08259	01
GS901	3940359-2	GROUND STUD - ELT (ZONE 310)		(206) 08083 - 08138 (T206) 08147 - 08259	01
JI007	S2035-2	CONNECTOR - DIRECTIONAL GYRO (ZONE 220)	V00779	(206) 08083 - 08138 (T206) 08147 - 08259	01
	S1636-2	. CONTACT			AR
	S1636-1	. SOCKET			AR
JI901	S2350-3	RECEPTACLE - AVIONICS CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08083 - 08138 (T206) 08147 - 08259	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PC007	S1640-9	CONNECTOR - AVIONICS/ELECTRICAL DISCONNECT (ZONE 224)		(206) 08083 - 08138 (T206) 08147 - 08259	01
	S1635-1	. CONTACT	V49367		AR
	S1636-1	. SOCKET			AR
PF902	SK2701	CONNECTOR - GROUND (ZONE 211)	V28198	(206) 08083 - 08138 (T206) 08147 - 08259	01
	FC116N2	. CRIMP CONTACT	V28198		AR
	FC120N2	. CRIMP CONTACT	V28198		AR
PF903	SK2701	CONNECTOR - GROUND (ZONE 221)	V28198	(206) 08083 - 08138 (T206) 08147 - 08259	01
	FC116N2	. CONTACT	V28198	(206) 08215 - 08283 (T206) 08450 - 08704	AR
	FC120N2	. CONTACT	V28198		AR
PI007	S2035-1	CONNECTOR - HORIZONTAL SITUATION INDICATOR (ZONE 224)		(206) 08083 - 08138 (T206) 08147 - 08259	01
	S1635-1	. CONTACT	V49367		01
PI312	RD9F00JVL0	CONNECTOR - AUTOPILOT (ZONE 225)	V28198	(206) 08083 - 08138 (T206) 08147 - 08259	01
	FC6020D	. CONTACT	V28198		AR
PI313	011-01010-00	CONNECTOR KIT - GDC-74 (ZONE 225)	V0TRC3	(206) 08083 - 08138 (T206) 08147 - 08259	01
	57-30360	. 36 PIN CENTRONICS PLUG	VSPCT		01
PI314	GH9FSCLRH19C	CONNECTOR - AUTOPILOT (ZONE 225)	V28198	(206) 08083 - 08138 (T206) 08147 - 08259	01
PI704	RD50F10JVL0	CONNECTOR - SWITCHING UNIT (ZONE 225)	V28198	(206) 08083 - 08138 (T206) 08147 - 08259	01
PI705	RD50M10JVL0	CONNECTOR - SWITCHING UNIT (ZONE 225)	V28198	(206) 08083 - 08138 (T206) 08147 - 08259	01
PI900	S3070-9	CONNECTOR KIT - PANEL LIGHTING (ZONE 225)	V49367	(206) 08083 - 08138 (T206) 08147 - 08259	01
	LMD6106P	. MODULE	V49367		01
	LMS01T-TL	. SPLICE	V49367		01
PM800	206433-2	CONNECTOR - WING ROOT DISCONNECT (ZONE 510)	V00779	(206) 08083 - 08138 (T206) 08147 - 08259	01
	206062-3	. BACKSHELL	V00779		01
	5-66504-7	. CONTACT	V00779		07
PT304	57-30240	CONNECTOR - INTEGRATED AVIONIC #1 (ZONE 340)	V02660	(206) 08083 - 08173 (T206) 08147 - 08361	01
PT305	050-00398-0000	INSTALLATION KIT	V22373	(206) 08083 - 08138 (T206) 08147 - 08259	02
UI312	011-00972-00	MULTI FUNCTION DISPLAY - DAY/NIGHT LIGHTING TEST	V0TRC3	(206) 08083 - 08138 (T206) 08147 - 08259	01
UI313	066-03046-0007	INDICATOR - HORIZONTAL SITUATION	V22373	(206) 08083 - 08138 (T206) 08147 - 08259	01
UI314	066-03046-0007	INDICATOR - HORIZONTAL SITUATION	V22373	(206) 08083 - 08138 (T206) 08147 - 08259	01
UI704	MD41-229	SELECTOR - GPS/NAV	V59742	(206) 08083 - 08138 (T206) 08147 - 08259	01
UI705	MD41-229	SELECTOR - GPS/NAV	V59742	(206) 08083 - 08138 (T206) 08147 - 08259	01
UT304		COMPUTER INTEGRATED AVIONICS			RF
UT305	AS5194D0302	AUTOPILOT ADAPTOR		(206) 08083 - 08138 (T206) 08147 - 08259	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 01 : Sheet 01 : HORIZONTAL SITUATION INDICATOR



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

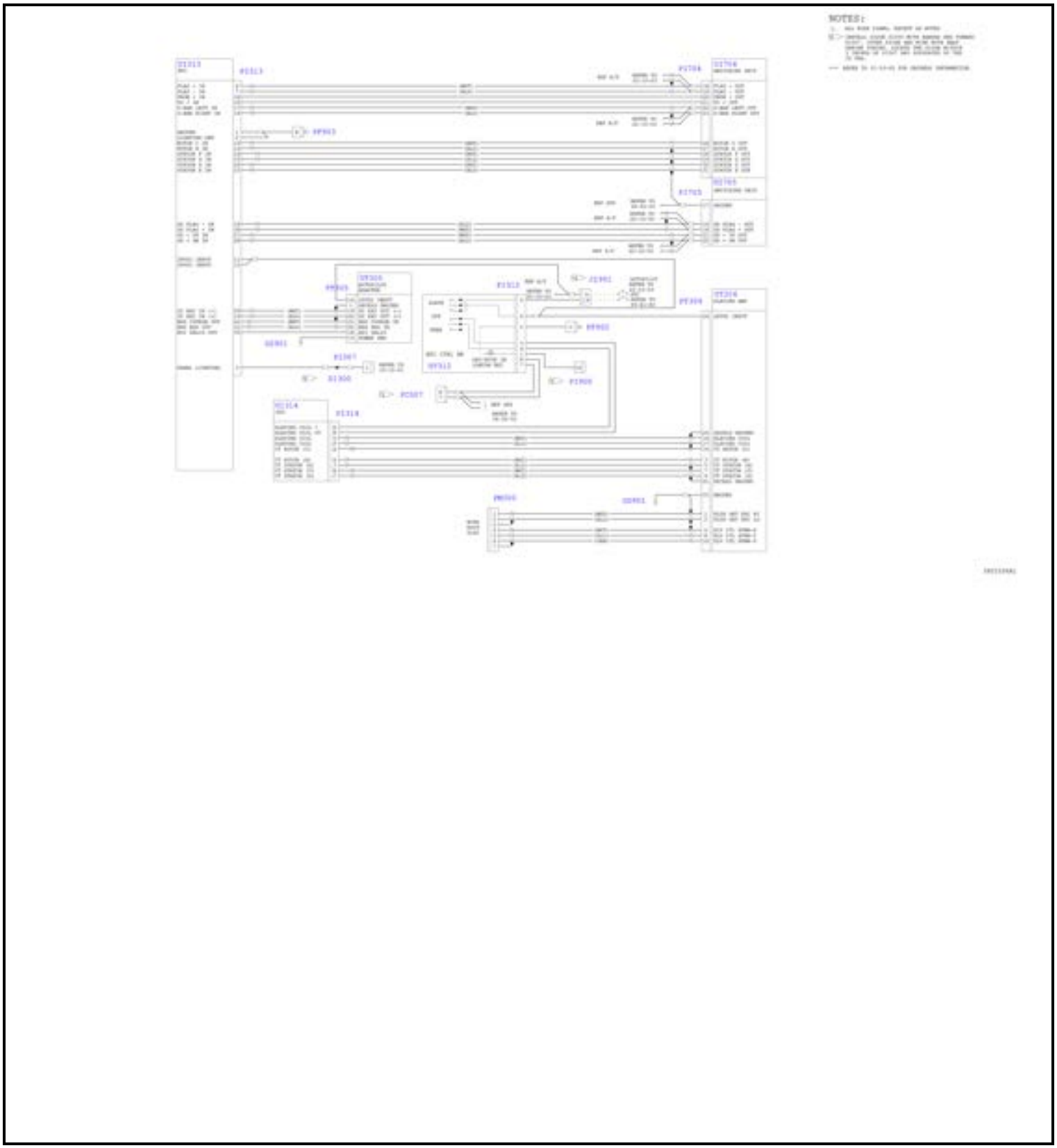
HORIZONTAL SITUATION INDICATOR

AIRPLANES (206) 08139 THRU 08173 WITH NAV II OPTION AND AIRPLANES (T206) 08260 THRU 08361 WITH NAV II OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
DI300	1N4730A	DIODE (ZONE 224)	V07688	(206) 08139 - 08173 (T206) 08260 - 08361	01
GS901	3940359-2	GROUND STUD - ELT (ZONE 310)		(206) 08139 - 08173 (T206) 08260 - 08361	01
JI901	S2350-3	RECEPTACLE - AVIONICS CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08139 - 08173 (T206) 08260 - 08361	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PC007	S1640-9	CONNECTOR - AVIONICS/ELECTRICAL DISCONNECT (ZONE 224)		(206) 08139 - 08173 (T206) 08260 - 08361	01
	S1635-1	. CONTACT	V49367		AR
	S1636-1	. SOCKET			AR
PF902	SK2701	CONNECTOR - GROUND (ZONE 211)	V28198	(206) 08139 - 08173 (T206) 08260 - 08361	01
	FC116N2	. CRIMP CONTACT	V28198		AR
	FC120N2	. CRIMP CONTACT	V28198		AR
PF903	SK2701	CONNECTOR - GROUND (ZONE 221)	V28198	(206) 08139 - 08173 (T206) 08260 - 08361	01
	FC116N2	. CONTACT	V28198	(206) 08215 - 08283 (T206) 08450 - 08704	AR
	FC120N2	. CONTACT	V28198		AR
PI007	S2035-1	CONNECTOR - HORIZONTAL SITUATION INDICATOR (ZONE 224)		(206) 08139 - 08173 (T206) 08260 - 08361	01
	S1635-1	. CONTACT	V49367		01
PI312	RD9F00JVL0	CONNECTOR - AUTOPILOT (ZONE 225)	V28198	(206) 08139 - 08173 (T206) 08260 - 08361	01
	FC6020D	. CONTACT	V28198		AR
PI313	011-01010-00	CONNECTOR KIT - GDC-74 (ZONE 225)	V0TRC3	(206) 08139 - 08173 (T206) 08260 - 08361	01
	57-30360	. 36 PIN CENTRONICS PLUG	VSPCT		01
PI314	GH9FSCLRH19C	CONNECTOR - AUTOPILOT (ZONE 225)	V28198	(206) 08139 - 08173 (T206) 08260 - 08361	01
PI704	RD50F10JVL0	CONNECTOR - SWITCHING UNIT (ZONE 225)	V28198	(206) 08139 - 08173 (T206) 08260 - 08361	01
PI705	RD50M10JVL0	CONNECTOR - SWITCHING UNIT (ZONE 225)	V28198	(206) 08139 - 08173 (T206) 08260 - 08361	01
PI900	S3070-9	CONNECTOR KIT - PANEL LIGHTING (ZONE 225)	V49367	(206) 08139 - 08173 (T206) 08260 - 08361	01
	LMD6106P	. MODULE	V49367		01
	LMS01T-TL	. SPLICE	V49367		01
PM300	206433-2	CONNECTOR - WING ROOT DISCONNECT (ZONE 510)	V00779	(206) 08139 - 08173 (T206) 08260 - 08361	01
	206062-3	. BACKSHELL	V00779		01
	5-66504-7	. CONTACT	V00779		07
PT304	57-30240	CONNECTOR - INTEGRATED AVIONIC #1 (ZONE 340)	V02660	(206) 08083 - 08173 (T206) 08147 - 08361	01
PT305	57-30240	CONNECTOR - AUTOPILOT (ZONE 340)	V02660	(206) 08139 - 08173 (T206) 08260 - 08361	01
UI313	066-03046-0007	INDICATOR - HORIZONTAL SITUATION	V22373	(206) 08139 - 08173 (T206) 08260 - 08361	01
UI314	066-03046-0007	INDICATOR - HORIZONTAL SITUATION	V22373	(206) 08139 - 08173 (T206) 08260 - 08361	01
UI704	MD41-229	SELECTOR - GPS/NAV	V59742	(206) 08139 - 08173 (T206) 08260 - 08361	01
UI705	MD41-229	SELECTOR - GPS/NAV	V59742	(206) 08139 - 08173 (T206) 08260 - 08361	01
UT304		COMPUTER INTEGRATED AVIONICS			RF
UT305	AS5194D0302	AUTOPILOT ADAPTOR		(206) 08139 - 08173 (T206) 08260 - 08361	01
UT312	071-1242-06	SWITCH - HSI TEST	V22373	(206) 08139 - 08173 (T206) 08260 - 08361	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 02 : Sheet 01 : HORIZONTAL SITUATION INDICATOR



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

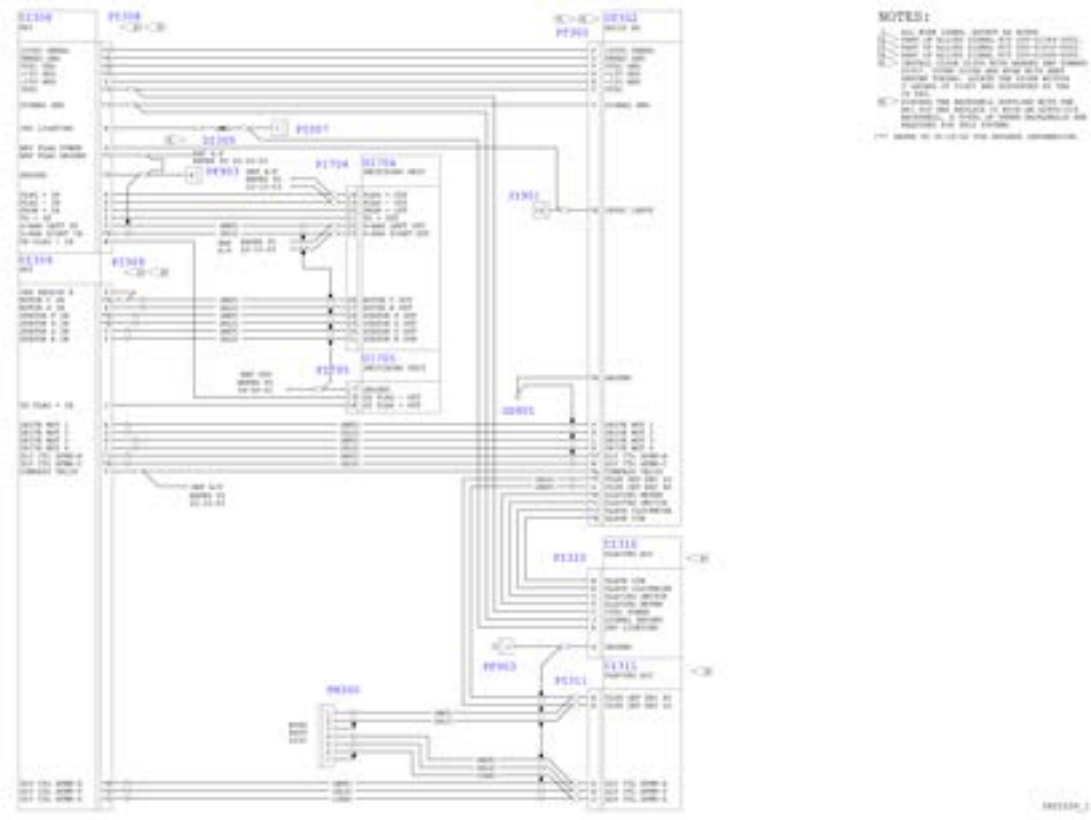
HORIZONTAL SITUATION INDICATOR

AIRPLANES (206) 08174 & ON WITH NAV II OPTION AND AIRPLANES (T206) 08362 & ON WITH NAV II OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
DI300	1N4730A	DIODE (ZONE 224)	V07688	(206) 08174 & ON (T206) 08362 & ON	01
GS901	3940359-2	GROUND STUD - ELT (ZONE 310)		(206) 08174 & ON (T206) 08362 & ON	01
JI901	S2350-3	RECEPTACLE - AVIONICS CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08174 & ON (T206) 08362 & ON	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PF903	SK2701	CONNECTOR - GROUND (ZONE 221)	V28198	(206) 08174 & ON (T206) 08362 & ON	01
	FC116N2	. CONTACT	V28198	(206) 08215 - 08283 (T206) 08450 - 08704	AR
	FC120N2	. CONTACT	V28198		AR
PI007	S2035-1	CONNECTOR - HORIZONTAL SITUATION INDICATOR (ZONE 224)		(206) 08174 & ON (T206) 08362 & ON	01
	S1635-1	. CONTACT	V49367		01
PI308	030-02153-0000	CONNECTOR - HORIZONTAL SITUATION INDICATOR	V22373	(206) 08174 & ON (T206) 08362 & ON	01
	S2800-216	. BACKSHELL			01
PI309	030-02178-0000	CONNECTOR - HORIZONTAL SITUATION INDICATOR (ZONE 225)	V22373	(206) 08174 & ON (T206) 08362 & ON	01
	S2800-216	. BACKSHELL			01
PI310	030-02421-0000	CONNECTOR - SLAVING ACCESSORY	V22373	(206) 08174 & ON (T206) 08362 & ON	01
PI311	030-02423-0000	CONNECTOR - SLAVING ACCESSORY	V22373	(206) 08174 & ON (T206) 08362 & ON	01
PI704	RD50F10JVL0	CONNECTOR - SWITCHING UNIT (ZONE 225)	V28198	(206) 08174 & ON (T206) 08362 & ON	01
PI705	RD50M10JVL0	CONNECTOR - SWITCHING UNIT (ZONE 225)	V28198	(206) 08174 & ON (T206) 08362 & ON	01
PM300	206433-2	CONNECTOR - WING ROOT DISCONNECT (ZONE 510)	V00779	(206) 08174 & ON (T206) 08362 & ON	01
	206062-3	. BACKSHELL	V00779		01
	5-66504-7	. CONTACT	V00779		07
PT302	050-01410-0002	CONNECTOR - KG-102 DIRECTIONAL GYRO	V22373	(206) 08174 & ON (T206) 08362 & ON	01
	S2800-216	. BACKSHELL			03
UI308	066-3046-07	INDICATOR - HORIZONTAL SITUATION INDICATOR	V22373	(206) 08174 & ON (T206) 08362 & ON	01
UI309	066-3046-07	INDICATOR - HORIZONTAL SITUATION	V22373	(206) 08174 & ON (T206) 08362 & ON	01
UI310	071-01242-0006	MODULE - SLAVING	V22373	(206) 08174 & ON (T206) 08362 & ON	01
UI311	071-01242-0006	MODULE - SLAVING	V22373	(206) 08174 & ON (T206) 08362 & ON	01
UI704	MD41-229	SELECTOR - GPS/NAV	V59742	(206) 08174 & ON (T206) 08362 & ON	01
UI705	MD41-229	SELECTOR - GPS/NAV	V59742	(206) 08174 & ON (T206) 08362 & ON	01
UT302	S3330-2	INDICATOR - KG102 DIRECTIONAL GYRO		(206) 08174 & ON (T206) 08362 & ON	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 03 : Sheet 01 : HORIZONTAL SITUATION INDICATOR



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

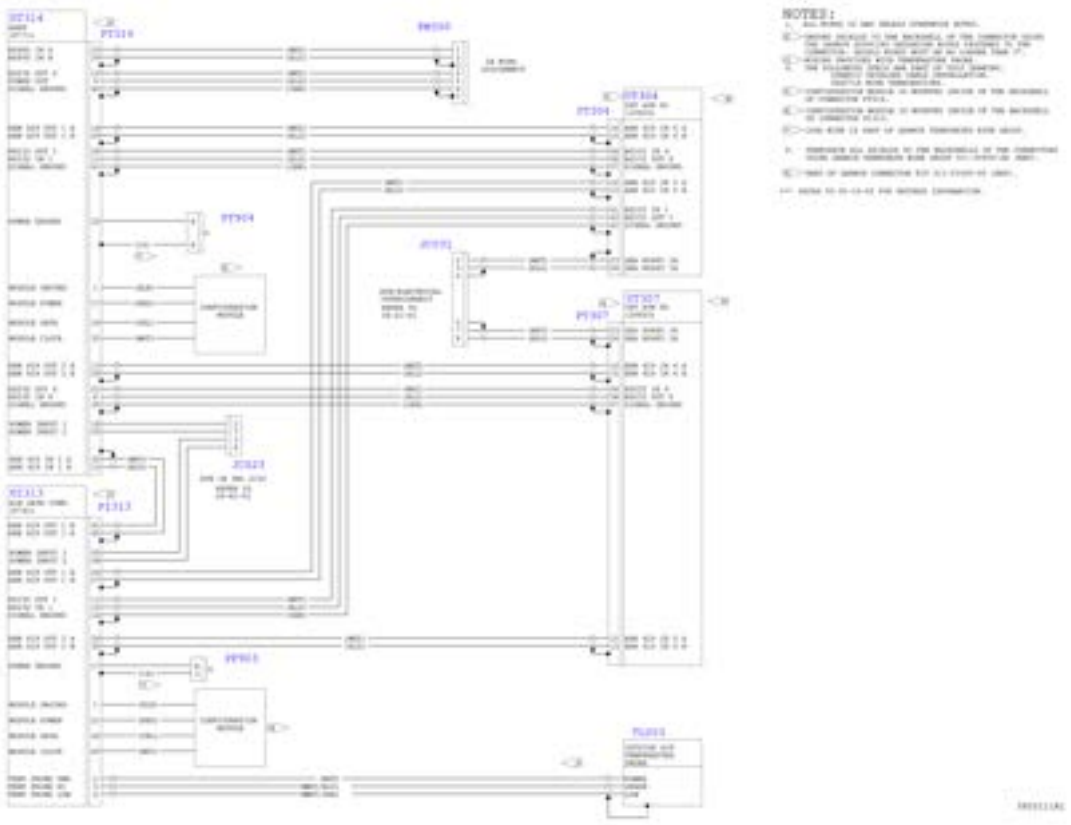
AHRS AND AIR DATA COMPUTER - WITH NAV III

AIRPLANES (206) 08215 THRU 08283 AND AIRPLANES (T206) 08450 THRU 08704

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
JC023	S2350-10	CONNECTOR - AVIONIC CIRCUIT BREAKER DISCONNECT		(206) 08215 - 08283 (T206) 08450 - 08704	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
	S2353-7	. PIN			AR
JC031	S2350-4	CONNECTOR - ELECTRICAL/AVIONIC DISCONNECT	V00779	(206) 08215 - 08283 (T206) 08450 - 08704	01
	S2353-5	. PIN			AR
PF903	SK2701	CONNECTOR - GROUND (ZONE 221)	V28198	(206) 08215 - 08283 (T206) 08450 - 08704	01
	FC116N2	. CONTACT	V28198	(206) 08215 - 08283 (T206) 08450 - 08704	AR
	FC120N2	. CONTACT	V28198		AR
PI313	011-01010-00	CONNECTOR KIT - GDC-74 (ZONE 225)	V0TRC3	(206) 08215 - 08283 (T206) 08450 - 08704	01
	57-30360	. 36 PIN CENTRONICS PLUG	VSPCT		01
PM300	206433-2	CONNECTOR - WING ROOT DISCONNECT (ZONE 510)	V00779	(206) 08215 - 08283 (T206) 08450 - 08704	01
	206062-3	. BACKSHELL	V00779		01
	5-66504-7	. CONTACT	V00779		07
PT304	330-00185-78	CONNECTOR - INTEGRATED AVIONICS COMPUTER	V0TRC3	(206) 08215 - 08283 (T206) 08450 - 08704	01
PT307	330-00366-62	CONNECTOR - AVIONIC #2	V0TRC3	(206) 08215 - 08283 (T206) 08450 - 08704	01
PT314	011-00869-00	CONNECTOR KIT - GRS-77	V0TRC3	(206) 08215 - 08283 (T206) 08450 - 08704	01
PT904	SK2701	CONNECTOR	V28198	(206) 08215 - 08283 (T206) 08450 - 08704	01
	FC120N2	. CONTACT	V28198		AR
TL003		PROBE - OUTSIDE AIR TEMPERATURE			RF
UI313		COMPUTER - AIR DATA			RF
UT304		COMPUTER - INTEGRATED AVIONICS #1			RF
UT307		COMPUTER - INTEGRATED AVIONICS #2			RF
UT314		COMPUTER - ATTITUDE AND HEADING REFERENCE SYSTEM			RF

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 01 : Sheet 01 : AHRS AND AIR DATA COMPUTER - WITH NAV III



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

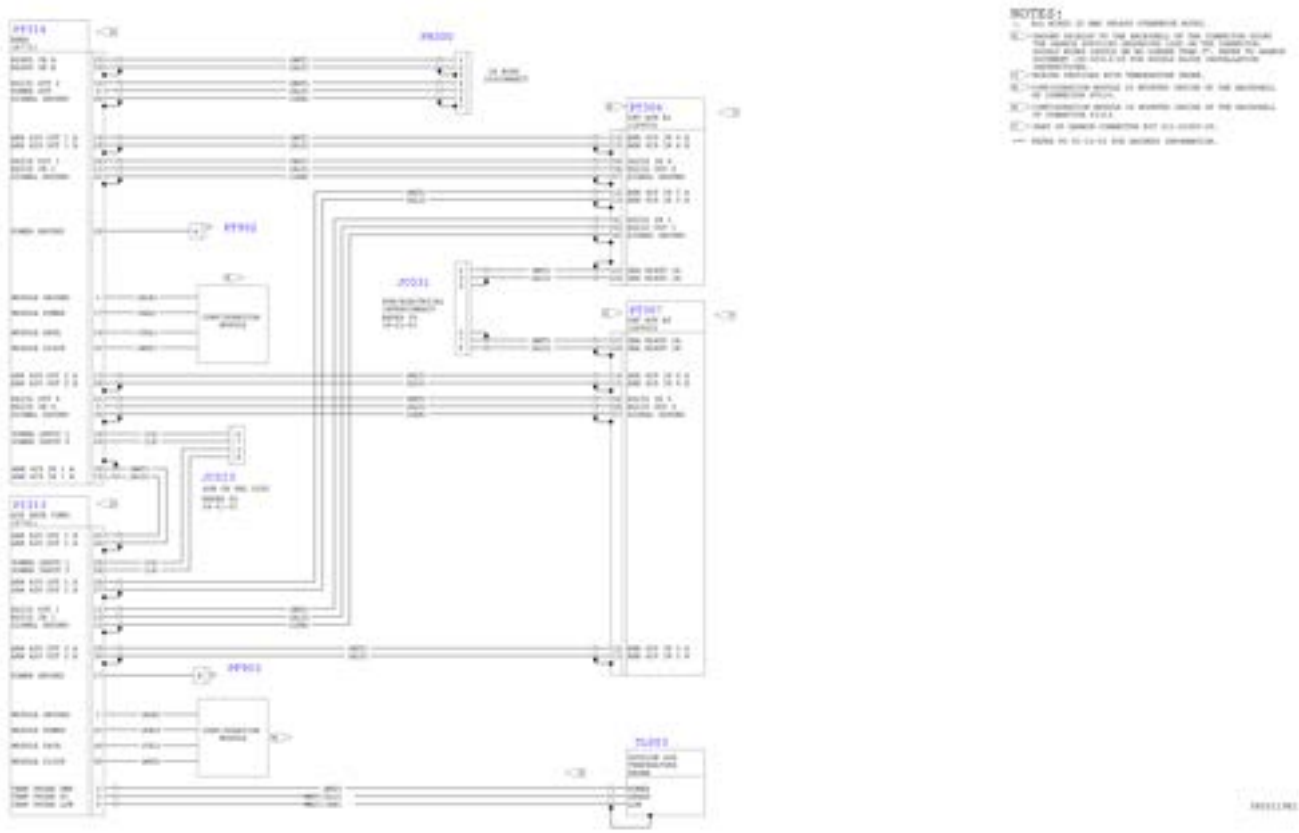
AHRS AND AIR DATA COMPUTER - WITH NAV III

AIRPLANES (206) 08284 & ON AND AIRPLANES (T206) 08705 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
JC023	S2350-10	CONNECTOR - AVIONIC CIRCUIT BREAKER DISCONNECT		(206) 08284 & ON (T206) 08705 & ON	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
	S2353-7	. PIN			AR
JC031	S2350-4	CONNECTOR - ELECTRICAL/AVIONIC DISCONNECT	V00779	(206) 08284 & ON (T206) 08705 & ON	01
	S2353-5	. PIN			AR
PF903	SK2701	CONNECTOR - GROUND (ZONE 221)	V28198	(206) 08284 & ON (T206) 08705 & ON	01
	FC116N2	. CONTACT	V28198	(206) 08215 - 08283 (T206) 08450 - 08704	AR
	FC120N2	. CONTACT	V28198		AR
PI313	011-01010-01	CONNECTOR KIT - GDC-7X	V0TRC3	(206) 08284 & ON (T206) 08705 & ON	01
PM300	206433-2	CONNECTOR - WING ROOT DISCONNECT (ZONE 510)	V00779	(206) 08284 & ON (T206) 08705 & ON	01
	206062-3	. BACKSHELL	V00779		01
	5-66504-7	. CONTACT	V00779		07
PT304	330-00185-78	CONNECTOR - INTEGRATED AVIONICS COMPUTER	V0TRC3	(206) 08284 & ON (T206) 08705 & ON	01
PT307	330-00185-78	CONNECTOR	V0TRC3	(206) 08284 & ON (T206) 08705 & ON	01
PT314	011-00869-01	CONNECTOR KIT - GRS-77	V0TRC3	(206) 08215 - 08283 (T206) 08450 & ON	01
PT902	SK2701	CONNECTOR	V28198	(206) 08284 & ON (T206) 08705 & ON	01
	FC120N2	. CONTACT	V28198		AR
TL003		PROBE - OUTSIDE AIR TEMPERATURE			RF

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 02 : Sheet 01 : AHRS AND AIR DATA COMPUTER - WITH NAV III



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

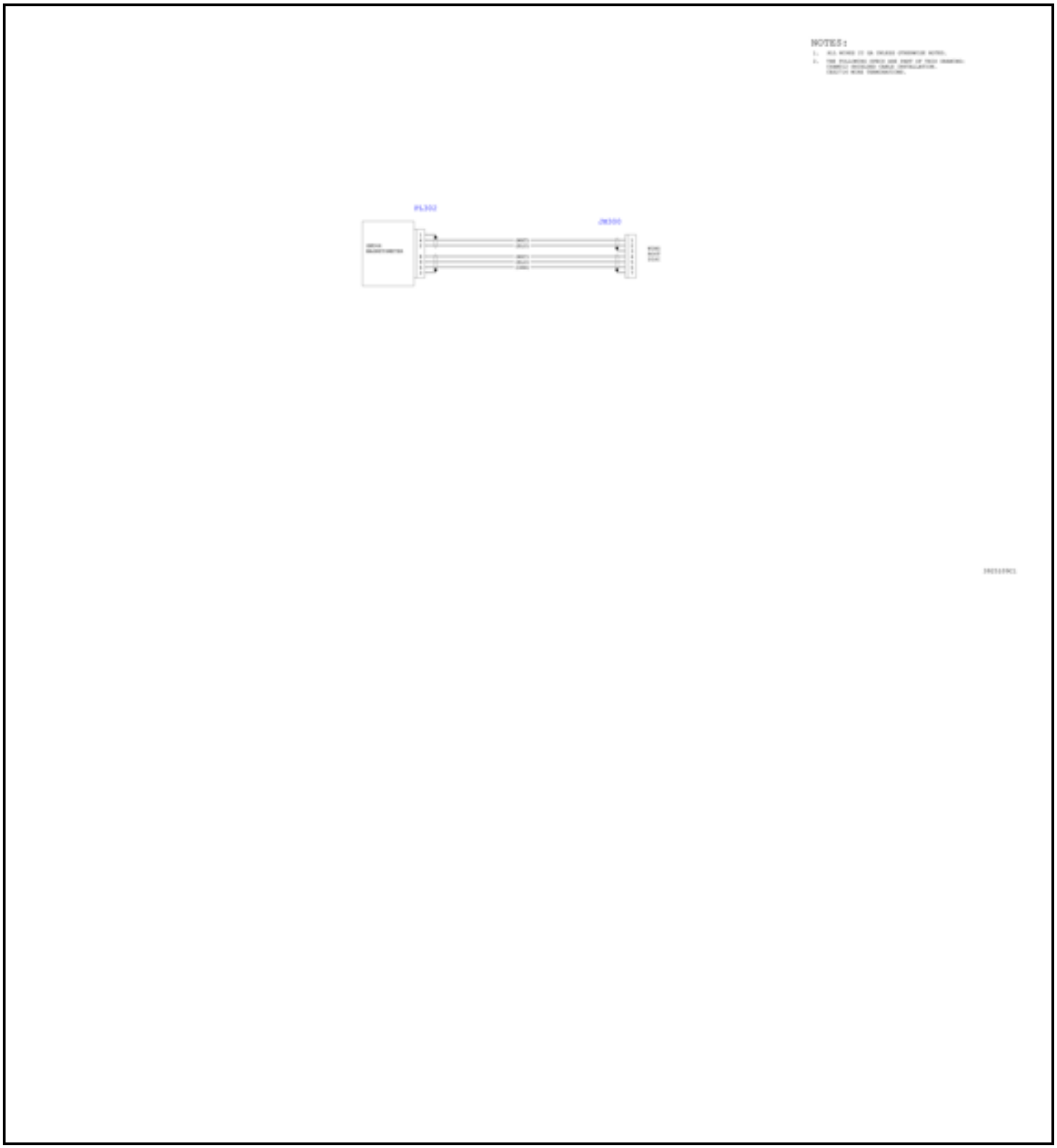
GARMIN MAGNETOMETER - WITH NAV III

AIRPLANES (206) 08001 & ON AND AIRPLANES (T206) 08001 THRU 09762

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
JM300	206434-1	CONNECTOR - WING ROOT DISCONNECT (ZONE 510)	V00779	(206) 08001 & ON (T206) 08001 - 09762	01
	206062-3	. BACKSHELL	V00779		01
	5-66506-9	. PIN	V00779		07
PL302	011-00871-00	CONNECTOR - GMJ-44	V0TRC3	(206) 08215 & ON (T206) 08319 & ON	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 01 : Sheet 01 : GARMIN MAGNETOMETER - WITH NAV III



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

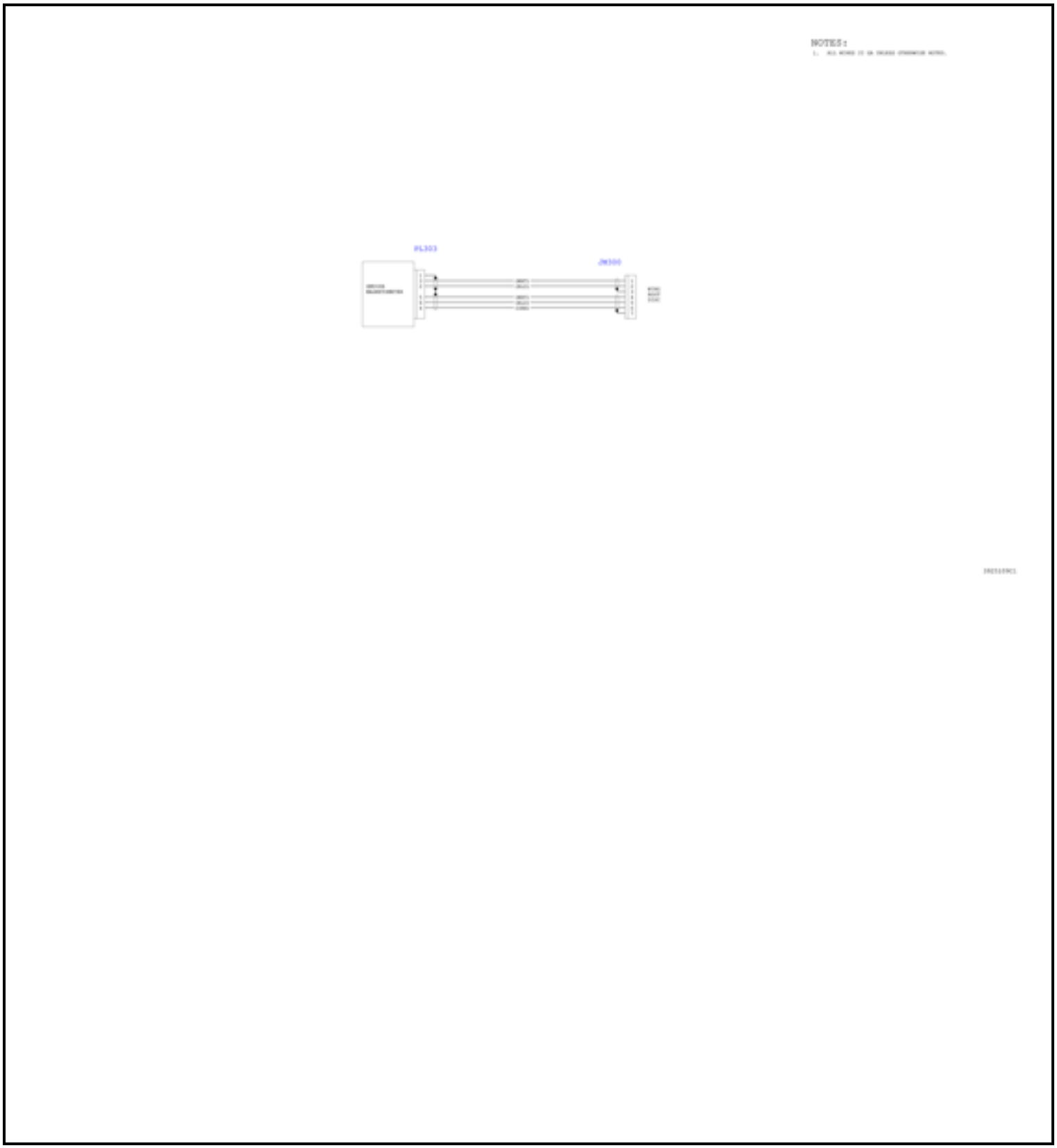
GARMIN MAGNETOMETER - WITH NAV III

AIRPLANES (T206) 09763 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
JM300	206434-1	CONNECTOR - WING ROOT DISCONNECT (ZONE 510)	V00779	(T206) 09763 & ON	01
	206062-3	. BACKSHELL	V00779		01
	5-66506-9	. PIN	V00779		07
PL303		CONNECTOR KIT			RF

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 02 : Sheet 01 : GARMIN MAGNETOMETER - WITH NAV III



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

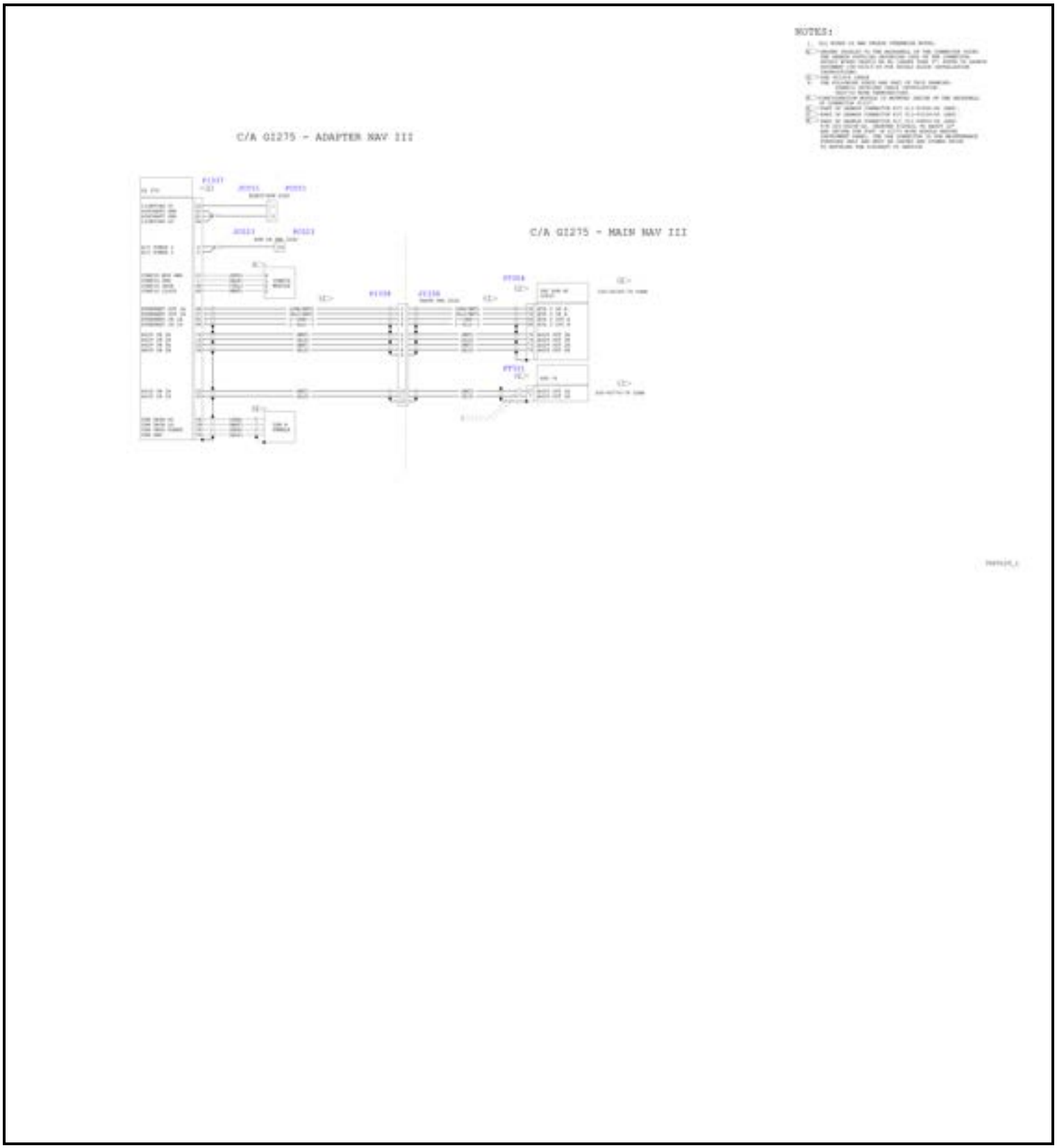
GI275 STBY

AIRPLANES (T206) 09639 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
JC023	S2350-10	CONNECTOR - AVIONIC CIRCUIT BREAKER DISCONNECT		(T206) 09639 & ON	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
	S2353-7	. PIN			AR
JC051	S2350-2	CONNECTOR		(T206) 09639 & ON	01
	S2351-2	. BACKSHELL	V00779		01
	S2353-5	. PIN			01
JI338	LMD-4003-S	CONNECTOR	V49367	(T206) 09639 & ON	01
	LMD-4122-96LD	. CONTACT	V49367		01
	LMS-01T-TL	. SPLICE CONNECTOR	V49367		01
PC023	S2349-5	CONNECTOR		(T206) 09639 & ON	01
	S2099-3	. CONTACT			06
	S2099-4	. CONTACT	V00779		17
PC051	S2349-2	PLUG	V00779	(T206) 09639 & ON	01
	S2099-4	. CONTACT	V00779		01
PI337	011-04809-00	GI 275 CONNECTOR KIT	V0TRC3	(T206) 09639 & ON	01
PI338	LMD-4003-P	CONNECTOR	V49367	(T206) 09639 & ON	01
	LMD-4022-36LJ	. PIN	V49367		01
PT304		CONNECTOR			RF
PT321	330-00776-78	CONNECTOR	V0TRC3	(T206) 09639 & ON	01
	011-01855-04	. BACKSHELL	V0TRC3		01
	M39029/58-360	. CONTACT PIN	V0TRC3		01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 01 : Sheet 01 : GI275 STBY



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

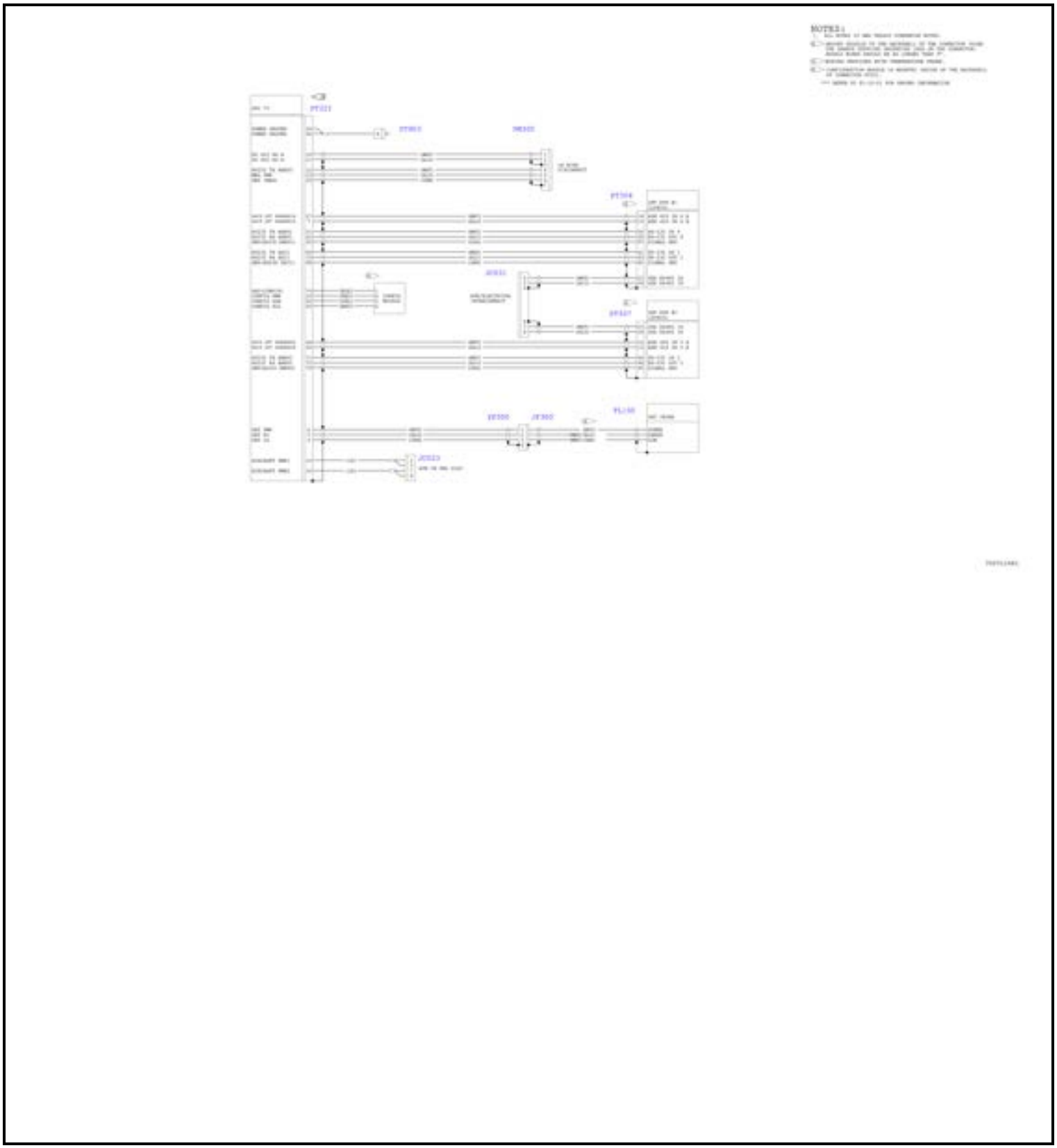
GSU75 ADAHRS - WITH NAV III

AIRPLANES (T206) 09763 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
JC023	S2350-10	CONNECTOR - AVIONIC CIRCUIT BREAKER DISCONNECT		(T206) 09763 & ON	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
	S2353-7	. PIN			AR
JC031	S2350-4	CONNECTOR - ELECTRICAL/AVIONIC DISCONNECT	V00779	(T206) 09763 & ON	01
	S2353-5	. PIN			AR
JF300	S3556-11	CONNECTOR		(T206) 09763 & ON	01
	S3556-21	. PIN			01
PF300	S3556-4	CONNECTOR		(T206) 09763 & ON	01
	S3556-25	. CONTACT			01
PM300	206433-2	CONNECTOR - WING ROOT DISCONNECT (ZONE 510)	V00779	(T206) 09763 & ON	01
	206062-3	. BACKSHELL	V00779		01
	5-66504-7	. CONTACT	V00779		07
PT304		CONNECTOR			RF
PT307		CONNECTOR			RF
PT321	330-00776-78	CONNECTOR	V0TRC3	(T206) 09763 & ON	01
	011-01855-04	. BACKSHELL	V0TRC3		01
	M39029/58-360	. CONTACT PIN	V0TRC3		01
PT903	SK2701	CONNECTOR	V28198	(T206) 09763 & ON	01
	FC116N2	. CONTACT	V28198		AR
	FC120N2	. CONTACT	V28198		AR
TL100	011-00978-00	OAT PROBE	V0TRC3	(T206) 09763 & ON	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 01 : Sheet 01 : GSU75 ADAHRS - WITH NAV III



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

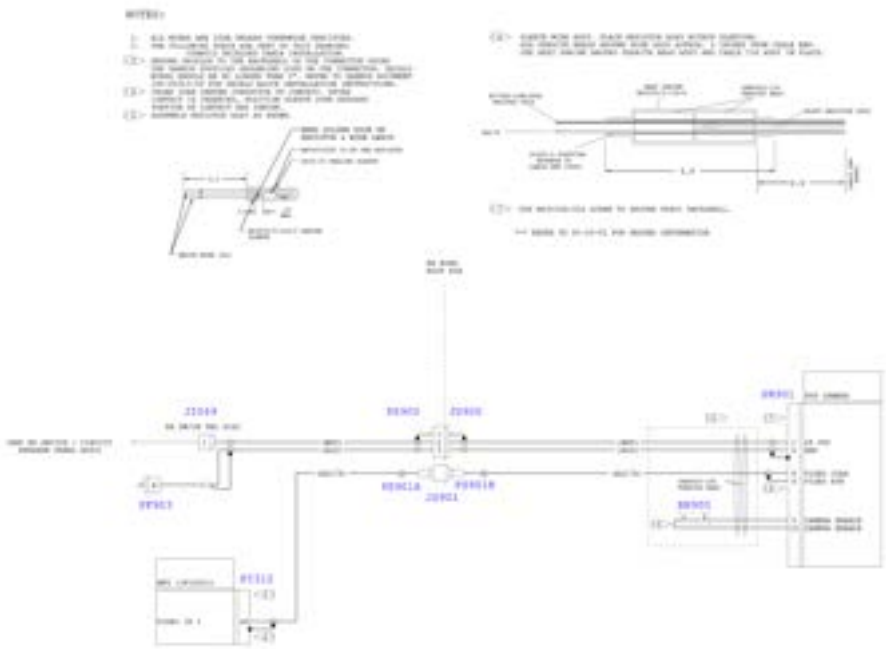
MAX-VIZ EVS-600 VIDEO

AIRPLANES (206) 08329 & ON AND AIRPLANES (T206) 09022 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
JI049	206429-1	PLUG	V00779	(206) 08329 & ON (T206) 09022 & ON	01
	S2351-2	. BACKSHELL	V00779		AR
	S2353-5	. PIN			AR
JS900	S1638-2	CAP		(206) 08329 & ON (T206) 09022 & ON	01
	S1635-1	. PIN	V49367		01
JS901	UG492D/U	ADAPTER	V07688	(206) 08329 & ON (T206) 09022 & ON	01
PF903	SK2701	CONNECTOR - GROUND (ZONE 221)	V28198	(206) 08329 & ON (T206) 09022 & ON	01
	FC116N2	. CONTACT	V28198	(206) 08215 - 08283 (T206) 08450 - 08704	AR
	FC120N2	. CONTACT	V28198		AR
PI312	011-00820-01	CONNECTOR KIT	V0TRC3	(206) 08329 & ON (T206) 09022 & ON	01
PR901	756500053	CAMERA ASSEMBLY - EVS-600	V1WH29	(206) 08329 & ON (T206) 09022 & ON	01
	360MA060M0704	. BACKSHELL CONNECTOR	V06324		01
	S2800-1120	. CONNECTOR, 10 CONTACT			01
PS900	S1638-1	PLUG		(206) 08329 & ON (T206) 09022 & ON	01
	S1636-1	. SOCKET			01
PS901A	1-1337440-0	CONNECTOR - BNC , 90 DEG	V00779	(206) 08329 & ON (T206) 09022 & ON	01
PS901B	1-1337440-0	CONNECTOR - BNC , 90 DEG	V00779	(206) 08329 & ON (T206) 09022 & ON	01
RR900	RN55C3322F	RESISTOR		(206) 08329 & ON (T206) 09022 & ON	01
	D436-33	. SEALING SLEEVE	V06090		01
	M23053/5-104-9	. SLEEVING			01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 01 : Sheet 01 : MAX-VIZ EVS-600 VIDEO



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

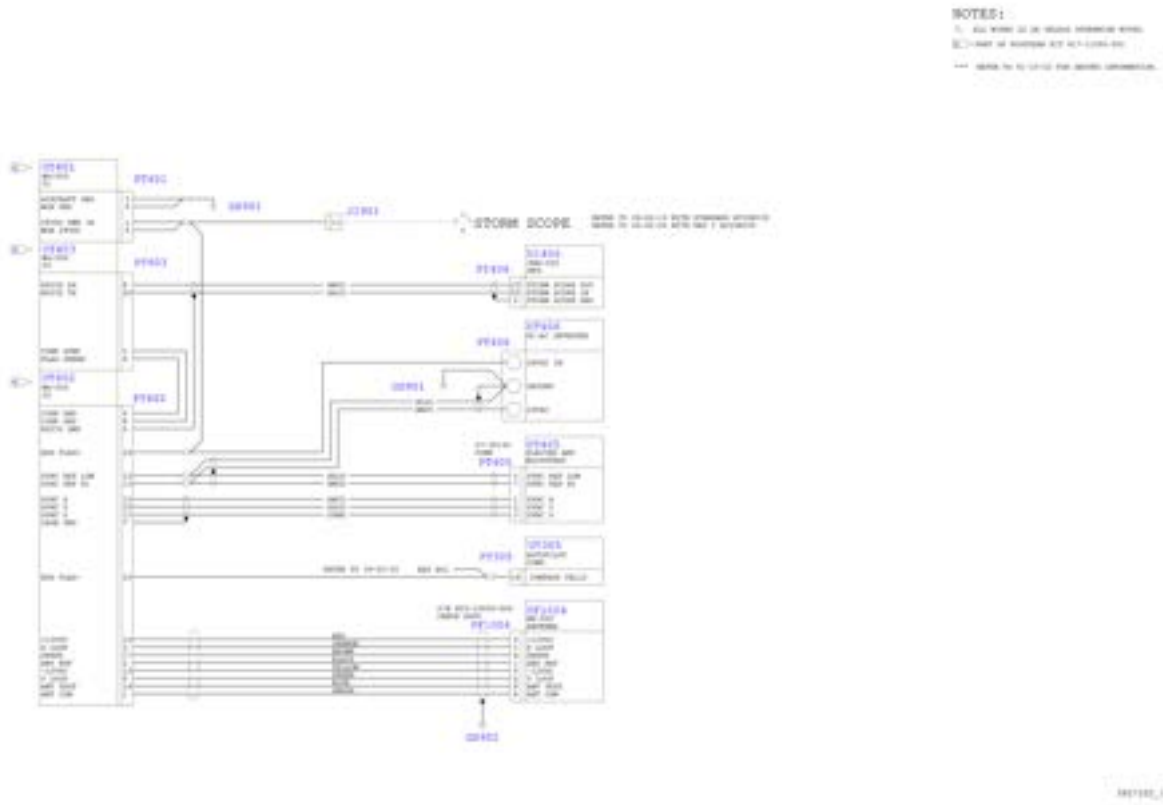
STORMSCOPE

AIRPLANES (206) 08139 THRU 08173 AND AIRPLANES (T206) 08260 THRU 08361

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GS901	3940359-2	GROUND STUD - ELT (ZONE 310)		(206) 08139 - 08173 (T206) 08260 - 08361	01
GS902		GROUND STUD - ELT (ZONE 310)			RF
JI901	S2350-3	RECEPTACLE - AVIONICS CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08139 - 08173 (T206) 08260 - 08361	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PF1004	614A0022	CONNECTOR - WX-500 ANTENNA (ZONE 210)	V25583	(206) 08139 - 08173 (T206) 08260 - 08361	01
PI406	030-01175-0010	CONNECTOR - KMD-540 MULTI-FUNCTION DISPLAY (ZONE 225)	V22373	(206) 08139 - 08173 (T206) 08260 - 08361	01
	030-01157-0011	. CONTACT	V22373		AR
PT305	57-30240	CONNECTOR - AUTOPILOT (ZONE 340)	V02660	(206) 08139 - 08173 (T206) 08260 - 08361	01
PT401	614A0022	CONNECTOR - STORMSCOPE (ZONE 310)	V25583	(206) 08139 - 08173 (T206) 08260 - 08361	01
PT402	614A0024	CONNECTOR - STORMSCOPE (ZONE 310)	V25583	(206) 08139 - 08173 (T206) 08260 - 08361	01
PT403	614A0024	CONNECTOR - STORMSCOPE (ZONE 310)	V25583	(206) 08139 - 08173 (T206) 08260 - 08361	01
PT405	57-30140	CONNECTOR (ZONE 340)	V02660	(206) 08139 - 08173 (T206) 08260 - 08361	01
PT406	614A0022	CONNECTOR - DC-AC INVERTER (ZONE 310)	V25583	(206) 08139 - 08173 (T206) 08260 - 08361	01
UF1004	805-10930-001	ANTENNA - STORMSCOPE	V25583	(206) 08139 - 08173 (T206) 08260 - 08361	01
UI406	066-04035-0101	MULTI-FUNCTION DISPLAY - KMD-540	V22373	(206) 08139 - 08173 (T206) 08260 - 08361	01
UT305	AS5194D0302	AUTOPILOT ADAPTOR		(206) 08139 - 08173 (T206) 08260 - 08361	01
UT401	805-11500-001	INDICATOR - WX-500 STORMSCOPE	V25583	(206) 08139 - 08173 (T206) 08260 - 08361	01
UT402	805-11500-001	INDICATOR - WX-500 STORMSCOPE	V25583	(206) 08139 - 08173 (T206) 08260 - 08361	01
UT403	805-11500-001	INDICATOR - WX-500 STORMSCOPE	V25583	(206) 08139 - 08173 (T206) 08260 - 08361	01
UT405	1D755	MODULE - BOOTSTRAP	V56172	(206) 08139 - 08173 (T206) 08260 - 08361	01
UT406	MD26-28	INVERTER - DC-AC	V59742	(206) 08139 - 08173 (T206) 08260 - 08361	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 01 : Sheet 01 : STORMSCOPE



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

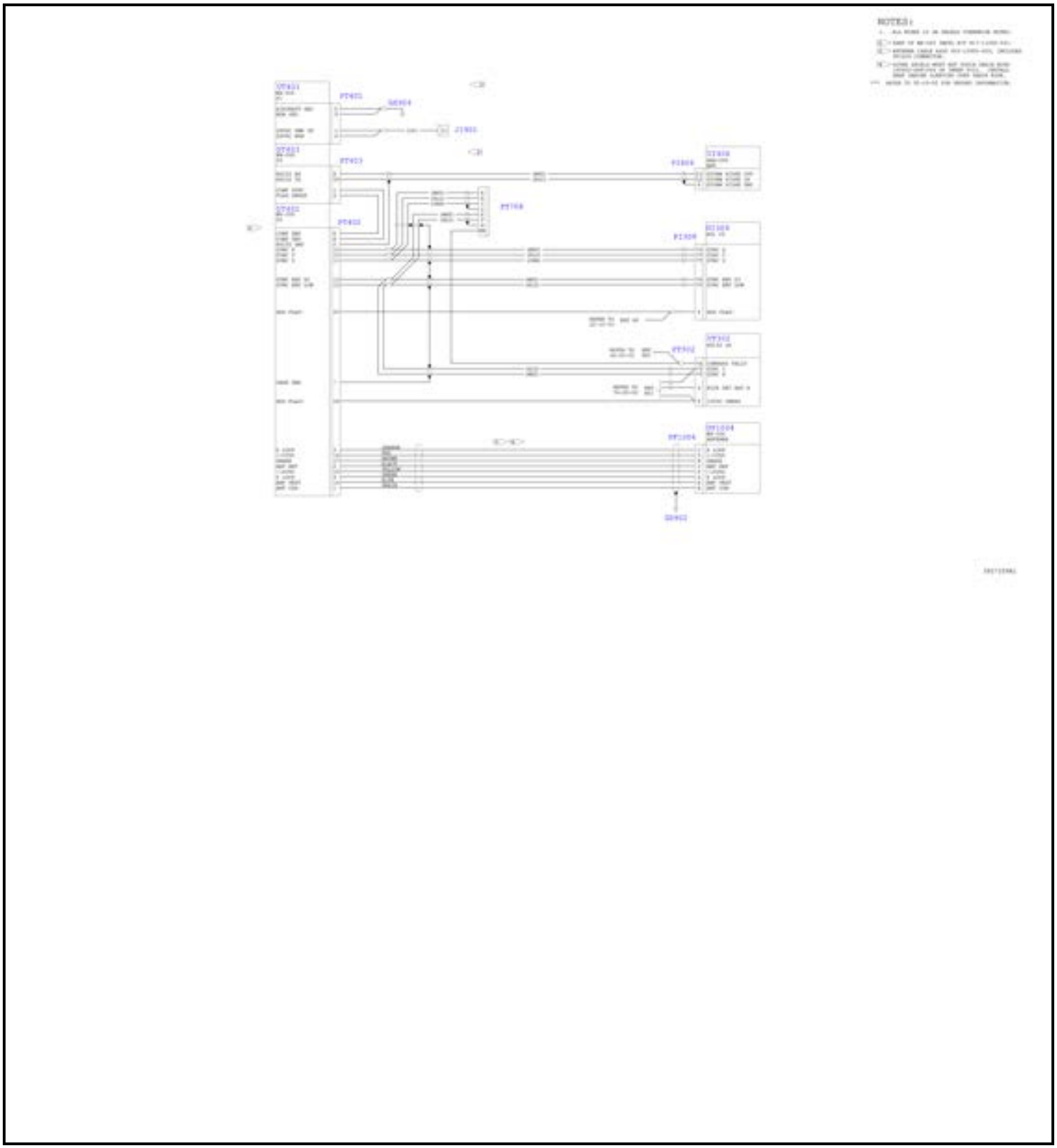
STORMSCOPE

AIRPLANES (206) 08174 THRU 08188 AND AIRPLANES (T206) 08362 THRU 08386

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GS902		GROUND STUD - ELT (ZONE 310)			RF
GS904	3940359-2	GROUND STUD - ELT (ZONE 310)		(206) 08174 - 08188 (T206) 08362 - 08386	03
JI901	S2350-3	RECEPTACLE - AVIONICS CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08174 - 08188 (T206) 08362 - 08386	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PF1004	614A0022	CONNECTOR - WX-500 ANTENNA (ZONE 210)	V25583	(206) 08174 - 08188 (T206) 08362 - 08386	01
PI309	030-02178-0000	CONNECTOR - HORIZONTAL SITUATION INDICATOR (ZONE 225)	V22373	(206) 08174 - 08188 (T206) 08362 - 08386	01
	S2800-216	. BACKSHELL			01
PI406	030-01175-0010	CONNECTOR - KMD-540 MULTI-FUNCTION DISPLAY (ZONE 225)	V22373	(206) 08174 - 08188 (T206) 08362 - 08386	01
	030-01157-0011	. CONTACT	V22373		AR
PT302	050-01410-0002	CONNECTOR - KG-102 DIRECTIONAL GYRO	V22373	(206) 08174 - 08188 (T206) 08362 - 08386	01
	S2800-216	. BACKSHELL			03
PT401	614A0022	CONNECTOR - STORMSCOPE (ZONE 310)	V25583	(206) 08174 - 08188 (T206) 08362 - 08386	01
PT402	614A0024	CONNECTOR - STORMSCOPE (ZONE 310)	V25583	(206) 08174 - 08188 (T206) 08362 - 08386	01
PT403	614A0024	CONNECTOR - STORMSCOPE (ZONE 310)	V25583	(206) 08174 - 08188 (T206) 08362 - 08386	01
PT708	SGMC34F0E100J0	CONNECTOR	V28198	(206) 08174 - 08188 (T206) 08362 - 08386	01
	FC422N2	. CONTACT	V28198		AR
UF1004	805-10930-001	ANTENNA - STORMSCOPE	V25583	(206) 08174 - 08188 (T206) 08362 - 08386	01
UI309	066-3046-07	INDICATOR - HORIZONTAL SITUATION	V22373	(206) 08174 - 08188 (T206) 08362 - 08386	01
UI406	066-04035-0101	MULTI-FUNCTION DISPLAY - KMD-540	V22373	(206) 08174 - 08188 (T206) 08362 - 08386	01
UT302	S3330-2	INDICATOR - KG102 DIRECTIONAL GYRO		(206) 08174 - 08188 (T206) 08362 - 08386	01
UT401	805-11500-001	INDICATOR - WX-500 STORMSCOPE	V25583	(206) 08174 - 08188 (T206) 08362 - 08386	01
UT402	805-11500-001	INDICATOR - WX-500 STORMSCOPE	V25583	(206) 08174 - 08188 (T206) 08362 - 08386	01
UT403	805-11500-001	INDICATOR - WX-500 STORMSCOPE	V25583	(206) 08174 - 08188 (T206) 08362 - 08386	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 02 : Sheet 01 : STORMSCOPE



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

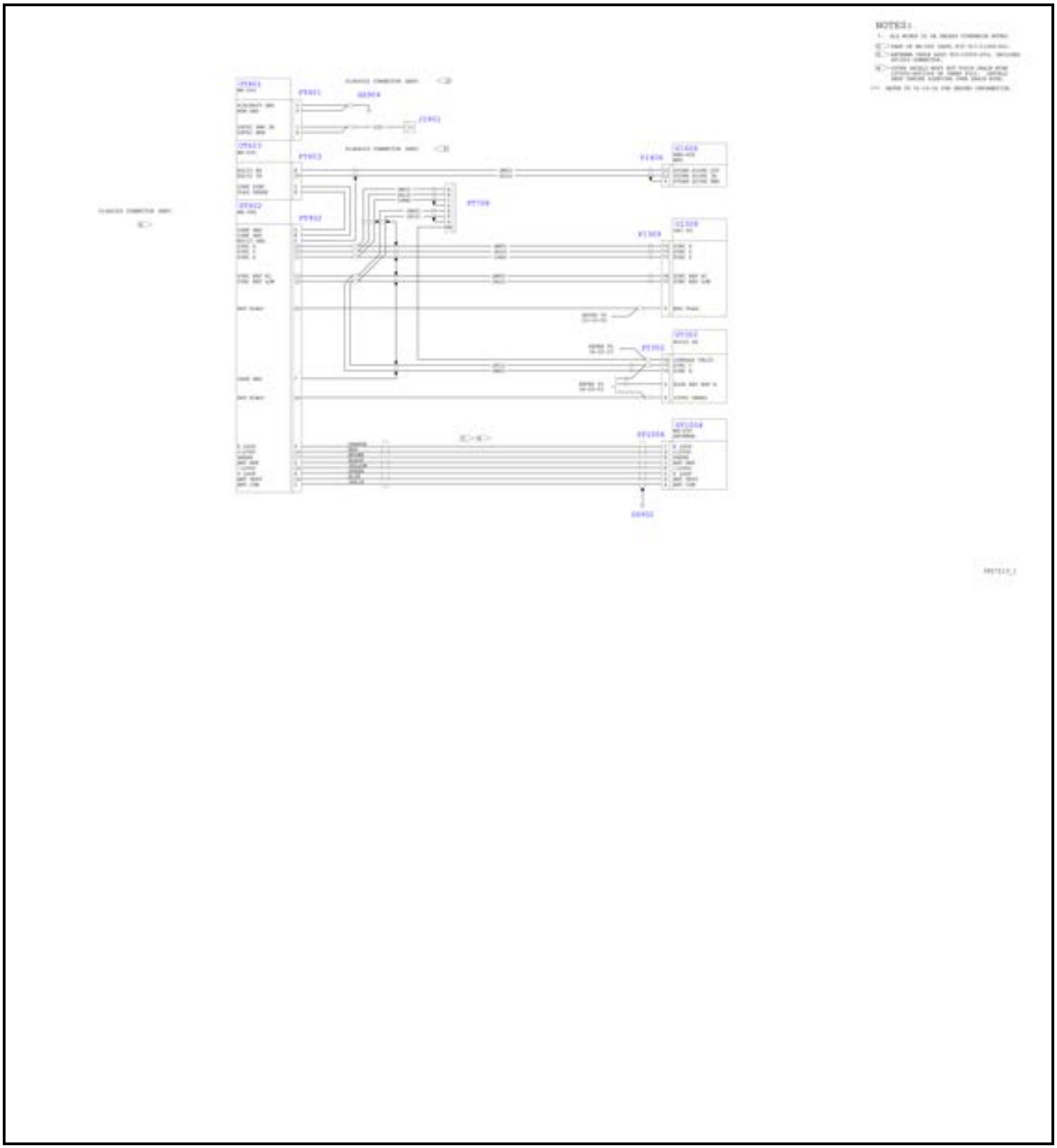
STORMSCOPE

AIRPLANES (206) 08189 THRU 08214 AND AIRPLANES (T206) 08387 THRU 08449

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GS902		GROUND STUD - ELT (ZONE 310)			RF
GS904	3940359-2	GROUND STUD - ELT (ZONE 310)		(206) 08189 - 08214 (T206) 08387 - 08449	03
JI901	S2350-3	RECEPTACLE - AVIONICS CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08189 - 08214 (T206) 08387 - 08449	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PF1004	614A0022	CONNECTOR - WX-500 ANTENNA (ZONE 210)	V25583	(206) 08189 - 08214 (T206) 08387 - 08449	01
PI309	030-02178-0000	CONNECTOR - HORIZONTAL SITUATION INDICATOR (ZONE 225)	V22373	(206) 08189 - 08214 (T206) 08387 - 08449	01
	S2800-216	. BACKSHELL			01
PI406	030-01175-0010	CONNECTOR - KMD-540 MULTI-FUNCTION DISPLAY (ZONE 225)	V22373	(206) 08189 - 08214 (T206) 08387 - 08449	01
	030-01157-0011	. CONTACT	V22373		AR
PT302	050-01410-0002	CONNECTOR - KG-102 DIRECTIONAL GYRO	V22373	(206) 08189 - 08214 (T206) 08387 - 08449	01
	S2800-216	. BACKSHELL			03
PT401	614A0022	CONNECTOR - STORMSCOPE (ZONE 310)	V25583	(206) 08189 - 08214 (T206) 08387 - 08449	01
PT402	614A0024	CONNECTOR - STORMSCOPE (ZONE 310)	V25583	(206) 08189 - 08214 (T206) 08387 - 08449	01
PT403	614A0024	CONNECTOR - STORMSCOPE (ZONE 310)	V25583	(206) 08189 - 08214 (T206) 08387 - 08449	01
PT708	57-30140	CONNECTOR (ZONE 340)	V02660	(206) 08189 - 08214 (T206) 08387 - 08449	01
UF1004	805-10930-001	ANTENNA - STORMSCOPE	V25583	(206) 08189 - 08214 (T206) 08387 - 08449	01
UI309	066-3046-07	INDICATOR - HORIZONTAL SITUATION	V22373	(206) 08189 - 08214 (T206) 08387 - 08449	01
UI406	066-04035-0101	MULTI-FUNCTION DISPLAY - KMD-540	V22373	(206) 08189 - 08214 (T206) 08387 - 08449	01
UT302	S3330-2	INDICATOR - KG102 DIRECTIONAL GYRO		(206) 08189 - 08214 (T206) 08387 - 08449	01
UT401	S3100-276	INDICATOR - WX-500 STORMSCOPE		(206) 08189 - 08214 (T206) 08387 - 08449	01
UT402	S3100-276	INDICATOR - WX-500 STORMSCOPE		(206) 08189 - 08214 (T206) 08387 - 08449	01
UT403	S3100-276	INDICATOR - WX-500 STORMSCOPE		(206) 08189 - 08214 (T206) 08387 - 08449	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 03 : Sheet 01 : STORMSCOPE



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

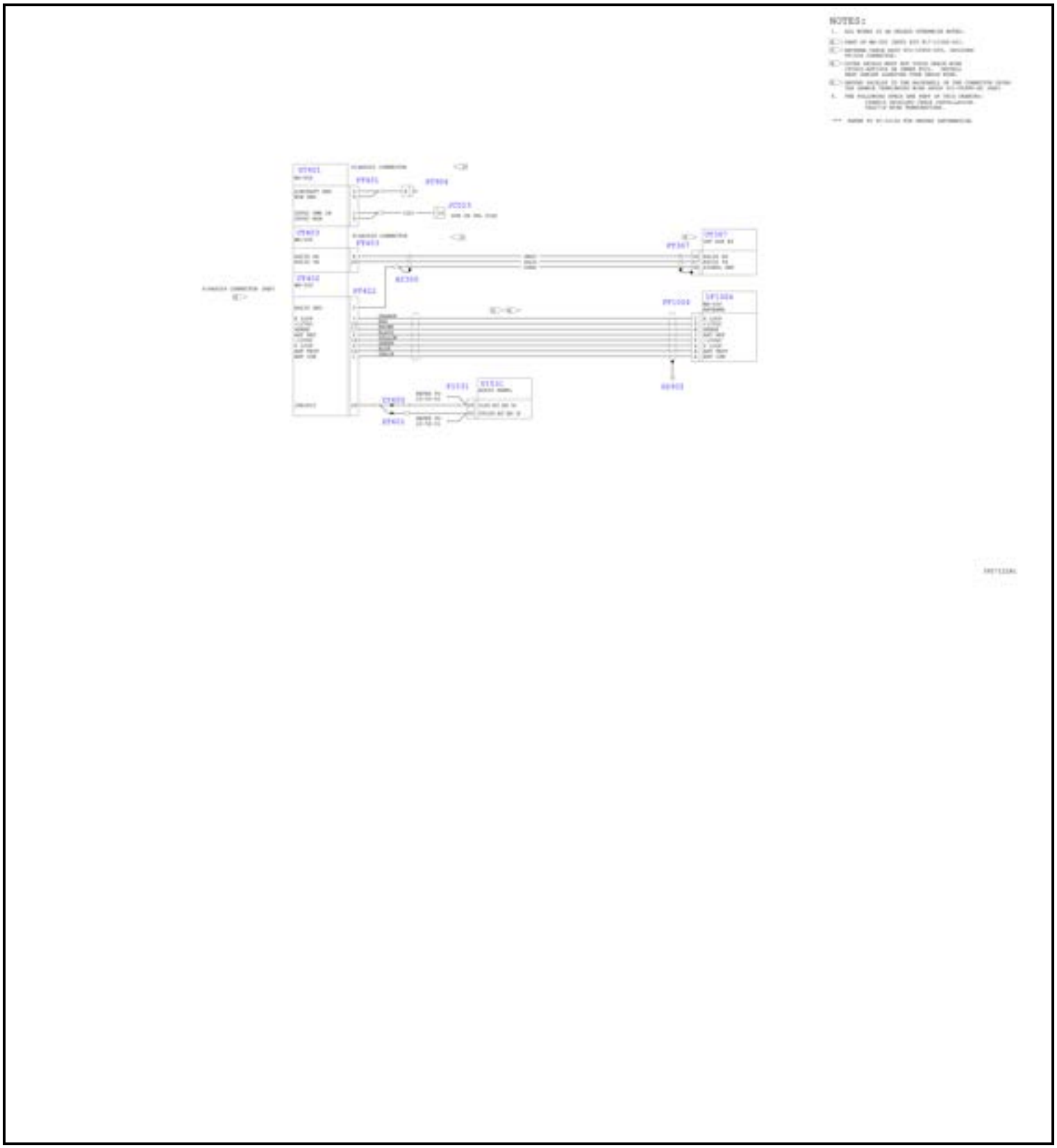
STORMSCOPE - NAV III

AIRPLANES (206) 08215 THRU 08283 AND AIRPLANES (T206) 08450 THRU 08704

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
AT300		SPLICE			RF
DT600	S3106-4	DIODE	V03508	(206) 08215 - 08283 (T206) 08450 - 08704	01
DT601	S3106-4	DIODE	V03508	(206) 08215 - 08283 (T206) 08450 - 08704	01
GS902		GROUND STUD - ELT (ZONE 310)			RF
JC023	S2350-10	CONNECTOR - AVIONIC CIRCUIT BREAKER DISCONNECT		(206) 08215 - 08283 (T206) 08450 - 08704	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
	S2353-7	. PIN			AR
PF1004	614A0022	CONNECTOR - WX-500 ANTENNA (ZONE 210)	V25583	(206) 08215 - 08283 (T206) 08450 - 08704	01
PI531	330-00185-78	CONNECTOR - AUDIO PANEL	V0TRC3	(206) 08215 - 08283 (T206) 08450 - 08704	01
PT307	330-00366-62	CONNECTOR - AVIONIC #2	V0TRC3	(206) 08215 - 08283 (T206) 08450 - 08704	01
PT401	614A0022	CONNECTOR - STORMSCOPE (ZONE 310)	V25583	(206) 08215 - 08283 (T206) 08450 - 08704	01
PT402	614A0024	CONNECTOR - STORMSCOPE (ZONE 310)	V25583	(206) 08215 - 08283 (T206) 08450 - 08704	01
PT403	614A0024	CONNECTOR - STORMSCOPE (ZONE 310)	V25583	(206) 08215 - 08283 (T206) 08450 - 08704	01
PT904	SK2701	CONNECTOR	V28198	(206) 08215 - 08283 (T206) 08450 - 08704	01
	FC120N2	. CONTACT	V28198		AR
UF1004	805-10930-001	ANTENNA - STORMSCOPE	V25583	(206) 08215 - 08283 (T206) 08450 - 08704	01
UI531	011-00809-00	PANEL - AUDIO	V0TRC3	(206) 08215 - 08283 (T206) 08450 - 08704	01
UT307		COMPUTER - INTEGRATED AVIONICS #2			RF
UT401	S3100-276	INDICATOR - WX-500 STORMSCOPE		(206) 08215 - 08283 (T206) 08450 - 08704	01
UT402	S3100-276	INDICATOR - WX-500 STORMSCOPE		(206) 08215 - 08283 (T206) 08450 - 08704	01
UT403	S3100-276	INDICATOR - WX-500 STORMSCOPE		(206) 08215 - 08283 (T206) 08450 - 08704	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 04 : Sheet 01 : STORMSCOPE - NAV III



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

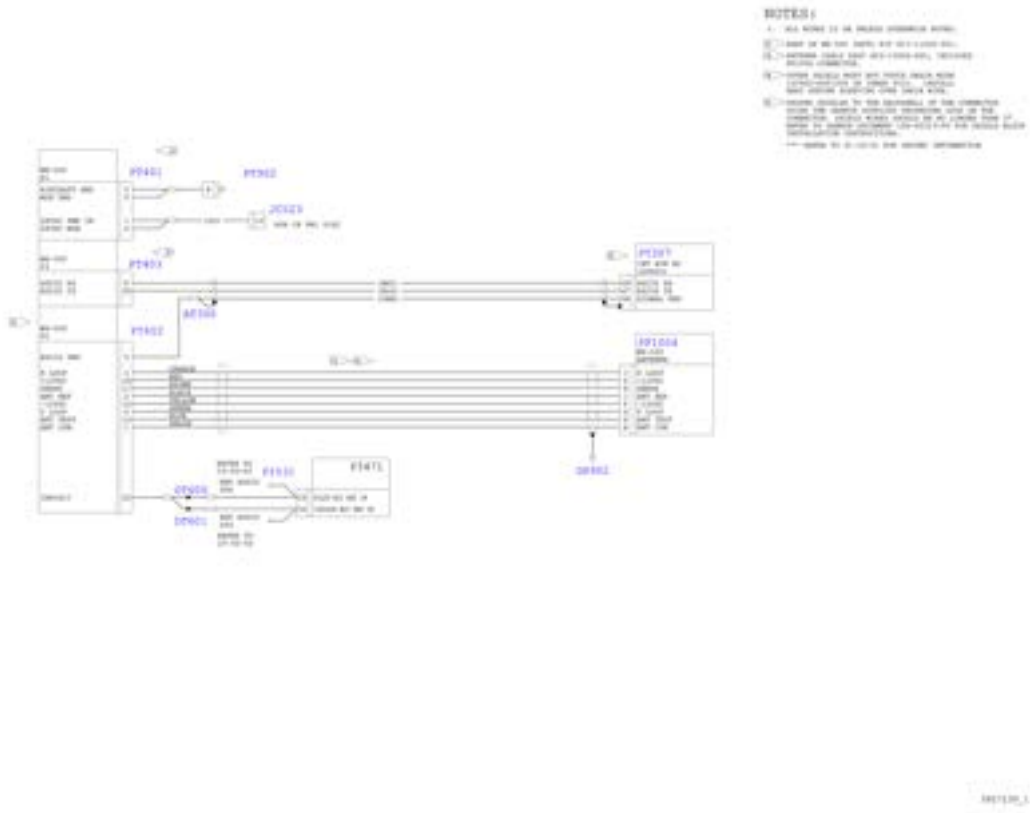
STORMSCOPE - NAV III

AIRPLANES (206) 08284 & ON AND AIRPLANES (T206) 08705 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
AT300		SPLICE			RF
DT600	S3106-4	DIODE	V03508	(206) 08284 & ON (T206) 08705 & ON	01
DT601	S3106-4	DIODE	V03508	(206) 08284 & ON (T206) 08705 & ON	01
GS902		GROUND STUD - ELT (ZONE 310)			RF
JC023	S2350-10	CONNECTOR - AVIONIC CIRCUIT BREAKER DISCONNECT		(206) 08284 & ON (T206) 08705 & ON	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
	S2353-7	. PIN			AR
PF1004		CONNECTOR			RF
PI531	330-00185-78	CONNECTOR - AUDIO PANEL	V0TRC3	(206) 08284 & ON (T206) 08705 & ON	01
PT307	330-00185-78	CONNECTOR	V0TRC3	(206) 08284 & ON (T206) 08705 & ON	01
PT401	614A0022	CONNECTOR - STORMSCOPE (ZONE 310)	V25583	(206) 08284 & ON (T206) 08705 & ON	01
PT402	614A0024	CONNECTOR - STORMSCOPE (ZONE 310)	V25583	(206) 08284 & ON (T206) 08705 & ON	01
PT403	614A0024	CONNECTOR - STORMSCOPE (ZONE 310)	V25583	(206) 08284 & ON (T206) 08705 & ON	01
PT902	SK2701	CONNECTOR	V28198	(206) 08284 & ON (T206) 08705 & ON	01
	FC120N2	. CONTACT	V28198		AR

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 05 : Sheet 01 : STORMSCOPE - NAV III



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

KMH-880 MULTI-HAZARD AWARENESS SYSTEM PROVISIONS

AIRPLANES (206) 08174 THRU 08208 AND AIRPLANES (T206) 08362 THRU 08437

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GS309	3940359-2	GROUND STUD (ZONE 224)		(206) 08174 - 08208 (T206) 08362 - 08437	01
JI901	S2350-3	RECEPTACLE - AVIONICS CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08174 - 08208 (T206) 08362 - 08437	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PF800	DEMA9P	CONNECTOR - ENCODING ALTIMETER	V71468	(206) 08174 - 08208 (T206) 08362 - 08437	01
	M85049/48-2-1	. BACKSHELL	V71468		01
	M24308/25-9	. SCREW LOCK ASSEMBLY			02
PI406	030-01175-0010	CONNECTOR - KMD-540 MULTI-FUNCTION DISPLAY (ZONE 225)	V22373	(206) 08174 - 08208 (T206) 08362 - 08437	01
	030-01157-0011	. CONTACT	V22373		AR
PI407	030-01175-0010	CONNECTOR - KMD-540 MULTI-FUNCTION DISPLAY	V22373	(206) 08174 - 08208 (T206) 08362 - 08437	01
PI516	050-01094-0058	CONNECTOR - KMA 28 AUDIO PANEL		(206) 08174 - 08208 (T206) 08362 - 08437	01
PI706	RD15F00JVL0	CONNECTOR - GPS/TRR ANNUNCIATOR (ZONE 225)	V28198	(206) 08174 - 08208 (T206) 08362 - 08437	01
	FC6020D	. CONTACT	V28198		AR
PI800	030-1094-02	CONNECTOR - KT-76C TRANSPONDER (ZONE 310)	V22373	(206) 08174 - 08208 (T206) 08362 - 08437	01
PT708	57-30140	CONNECTOR (ZONE 340)	V02660	(206) 08174 - 08208 (T206) 08362 - 08437	01
UF800	SSD120-30A	INDICATOR - ENCODING ALTIMETER (ZONE 120)	V57323	(206) 08001 & ON	01
UF800	SSD120-35A	INDICATOR - ENCODING ALTIMETER (ZONE 120)	V57323	(T206) 08001 & ON	01
UI406	066-04035-0101	MULTI-FUNCTION DISPLAY - KMD-540	V22373	(206) 08174 - 08208 (T206) 08362 - 08437	01
UI407	066-04035-0101	MULTI-FUNCTION DISPLAY - KMD-540	V22373	(206) 08174 - 08208 (T206) 08362 - 08437	01
UI516	066-01176-0101	PANEL - AUDIO	V22373	(206) 08174 - 08208 (T206) 08362 - 08437	01
UI706	CSEWCA-01	ANNUNCIATOR - GPS/TERRAIN (ZONE 225)	V0GZF3	(206) 08174 - 08208 (T206) 08362 - 08437	01
UI800		TRANSPONDER - KT-76C (ZONE 225)			RF

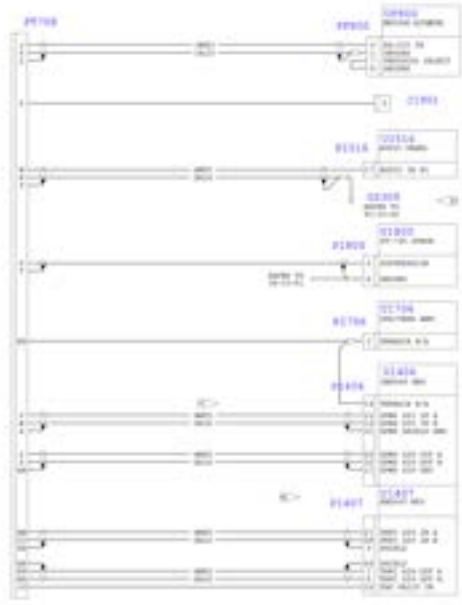
KMH-880 MULTI-HAZARD AWARENESS SYSTEM PROVISIONS

AIRPLANES (206) 08174 THRU 08208 AND AIRPLANES (T206) 08362 THRU 08437

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
PF1005	225555-6	COAX CONNECTOR - DIRECTIONAL ANTENNA COAX (ZONE 225)	V00779	(206) 08174 - 08208 (T206) 08362 - 08437	01
PF1006	225555-6	COAX CONNECTOR - DIRECTIONAL ANTENNA COAX (ZONE 225)	V00779	(206) 08174 - 08208 (T206) 08362 - 08437	01
PF1007	225555-6	COAX CONNECTOR - DIRECTIONAL ANTENNA COAX (ZONE 225)	V00779	(206) 08174 - 08208 (T206) 08362 - 08437	01
PF1008	225555-6	COAX CONNECTOR - DIRECTIONAL ANTENNA COAX (ZONE 225)	V00779	(206) 08174 - 08208 (T206) 08362 - 08437	01
PF1009	225555-6	COAX CONNECTOR - BOTTOM OMNI ANTENNA COAX (ZONE 225)	V00779	(206) 08174 - 08208 (T206) 08362 - 08437	01
PT1003	225555-6	COAX CONNECTOR - DIRECTIONAL ANTENNA COAX (ZONE 225)	V00779	(206) 08174 - 08208 (T206) 08362 - 08437	01
PT1004	225555-6	COAX CONNECTOR - DIRECTIONAL ANTENNA COAX (ZONE 225)	V00779	(206) 08174 - 08208 (T206) 08362 - 08437	01
PT1005	225555-6	COAX CONNECTOR - DIRECTIONAL ANTENNA COAX (ZONE 225)	V00779	(206) 08174 - 08208 (T206) 08362 - 08437	01
PT1006	UG88C/U	CONNECTOR - DIRECTIONAL ANTENNA COAX	V07688	(206) 08174 - 08208 (T206) 08362 - 08437	01
PT1007	225555-6	COAX CONNECTOR - OMNI ANTENNA COAX (ZONE 225)	V00779	(206) 08174 - 08208 (T206) 08362 - 08437	01
UF1009		CONNECTOR			RF

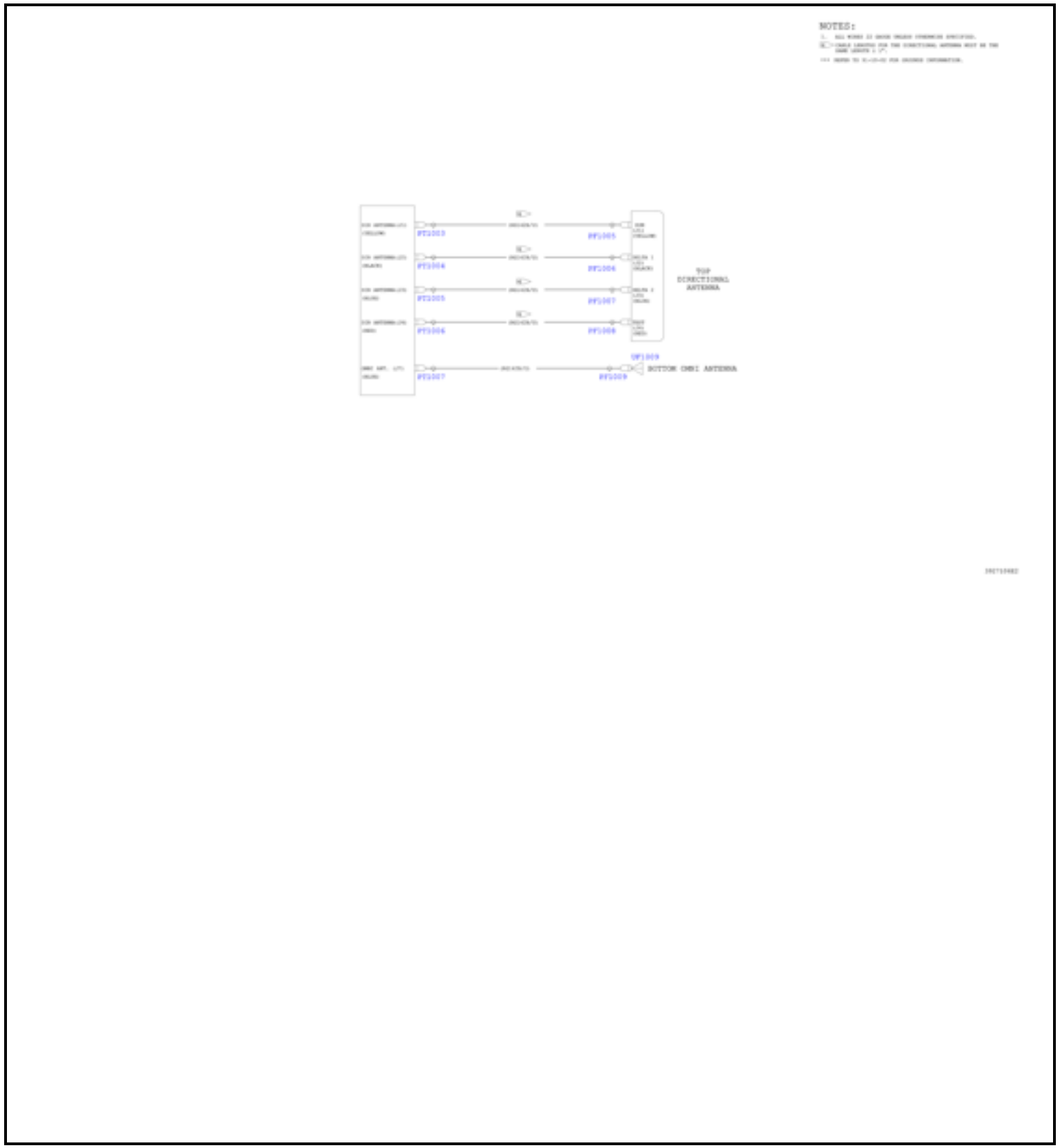
Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 01 : Sheet 01 : KMH-880 MULTI-HAZARD AWARENESS SYSTEM PROVISIONS



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 01 : Sheet 02 : KMH-880 MULTI-HAZARD AWARENESS SYSTEM PROVISIONS



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

KMH-880 MULTI-HAZARD AWARENESS SYSTEM PROVISIONS

AIRPLANES (206) 08209 & ON AND AIRPLANES (T206) 08438 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GS309	3940359-2	GROUND STUD (ZONE 224)		(206) 08209 & ON (T206) 08438 & ON	01
JI901	S2350-3	RECEPTACLE - AVIONICS CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08209 & ON (T206) 08438 & ON	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PF800	DEMA9P	CONNECTOR - ENCODING ALTIMETER	V71468	(206) 08209 & ON (T206) 08438 & ON	01
	M85049/48-2-1	. BACKSHELL	V71468		01
	M24308/25-9	. SCREW LOCK ASSEMBLY			02
PI406	030-01175-0010	CONNECTOR - KMD-540 MULTI-FUNCTION DISPLAY (ZONE 225)	V22373	(206) 08209 & ON (T206) 08438 & ON	01
	030-01157-0011	. CONTACT	V22373		AR
PI407	030-01175-0010	CONNECTOR - KMD-540 MULTI-FUNCTION DISPLAY	V22373	(206) 08209 & ON (T206) 08438 & ON	01
PI516	050-01094-0058	CONNECTOR - KMA 28 AUDIO PANEL		(206) 08209 & ON (T206) 08438 & ON	01
PI701	030-03272-0000	CONNECTOR - KLN-94 GPS (ZONE 225)	V22373	(206) 08209 & ON (T206) 08438 & ON	01
PI706	RD15F00JVL0	CONNECTOR - GPS/TRR ANNUNCIATOR (ZONE 225)	V28198	(206) 08209 & ON (T206) 08438 & ON	01
	FC6020D	. CONTACT	V28198		AR
PI800	030-1094-02	CONNECTOR - KT-76C TRANSPONDER (ZONE 310)	V22373	(206) 08209 & ON (T206) 08438 & ON	01
PT708	SGMC34F0E100J0	CONNECTOR	V28198	(206) 08209 & ON (T206) 08438 & ON	01
	FC422N2	. CONTACT	V28198		AR
PT708	57-30140	CONNECTOR (ZONE 340)	V02660	(206) 08209 & ON (T206) 08438 & ON	01
UF800	SSD120-30A	INDICATOR - ENCODING ALTIMETER (ZONE 120)	V57323	(206) 08001 & ON	01
UF800	SSD120-35A	INDICATOR - ENCODING ALTIMETER (ZONE 120)	V57323	(T206) 08001 & ON	01
UI406	066-04035-0101	MULTI-FUNCTION DISPLAY - KMD-540	V22373	(206) 08209 & ON (T206) 08438 & ON	01
UI407	066-04035-0101	MULTI-FUNCTION DISPLAY - KMD-540	V22373	(206) 08209 & ON (T206) 08438 & ON	01
UI516	066-01176-0101	PANEL - AUDIO	V22373	(206) 08209 & ON (T206) 08438 & ON	01
UI701	069-01034-0102	RECEIVER - KLN-94 GPS	V22373	(206) 08209 & ON (T206) 08438 & ON	01
UI706	CSEWCA-01	ANNUNCIATOR - GPS/TERRAIN (ZONE 225)	V0GZF3	(206) 08209 & ON (T206) 08438 & ON	01
UI800		TRANSPONDER - KT-76C (ZONE 225)			RF

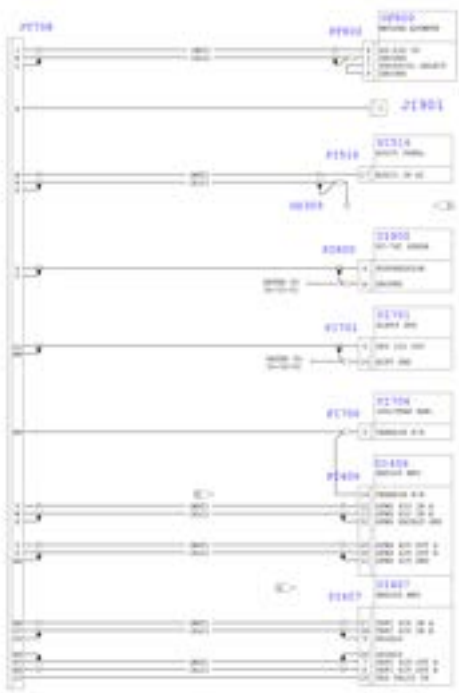
KMH-880 MULTI-HAZARD AWARENESS SYSTEM PROVISIONS

AIRPLANES (206) 08209 & ON AND AIRPLANES (T206) 08438 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
PF1005	225555-6	COAX CONNECTOR - DIRECTIONAL ANTENNA COAX (ZONE 225)	V00779	(206) 08209 & ON (T206) 08438 & ON	01
PF1006	225555-6	COAX CONNECTOR - DIRECTIONAL ANTENNA COAX (ZONE 225)	V00779	(206) 08209 & ON (T206) 08438 & ON	01
PF1007	225555-6	COAX CONNECTOR - DIRECTIONAL ANTENNA COAX (ZONE 225)	V00779	(206) 08209 & ON (T206) 08438 & ON	01
PF1008	225555-6	COAX CONNECTOR - DIRECTIONAL ANTENNA COAX (ZONE 225)	V00779	(206) 08209 & ON (T206) 08438 & ON	01
PF1009	225555-6	COAX CONNECTOR - BOTTOM OMNI ANTENNA COAX (ZONE 225)	V00779	(206) 08209 & ON (T206) 08438 & ON	01
PT1003	225555-6	COAX CONNECTOR - DIRECTIONAL ANTENNA COAX (ZONE 225)	V00779	(206) 08209 & ON (T206) 08438 & ON	01
PT1004	225555-6	COAX CONNECTOR - DIRECTIONAL ANTENNA COAX (ZONE 225)	V00779	(206) 08209 & ON (T206) 08438 & ON	01
PT1005	225555-6	COAX CONNECTOR - DIRECTIONAL ANTENNA COAX (ZONE 225)	V00779	(206) 08209 & ON (T206) 08438 & ON	01
PT1006	UG88C/U	CONNECTOR - DIRECTIONAL ANTENNA COAX	V07688	(206) 08209 & ON (T206) 08438 & ON	01
PT1007	225555-6	COAX CONNECTOR - OMNI ANTENNA COAX (ZONE 225)	V00779	(206) 08209 & ON (T206) 08438 & ON	01
UF1009		CONNECTOR			RF

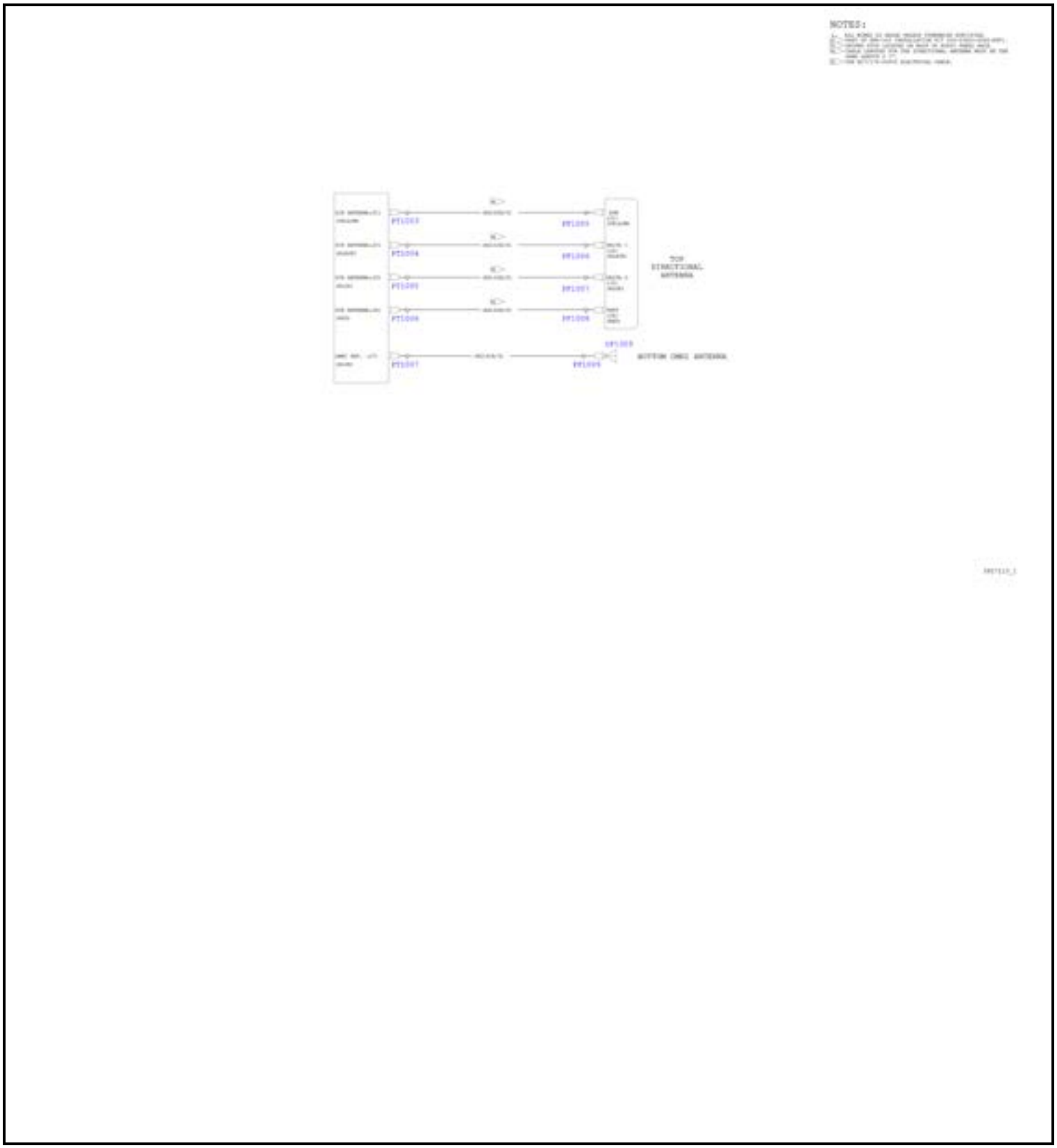
Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 02 : Sheet 01 : KMH-880 MULTI-HAZARD AWARENESS SYSTEM PROVISIONS



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 02 : Sheet 02 : KMH-880 MULTI-HAZARD AWARENESS SYSTEM PROVISIONS



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

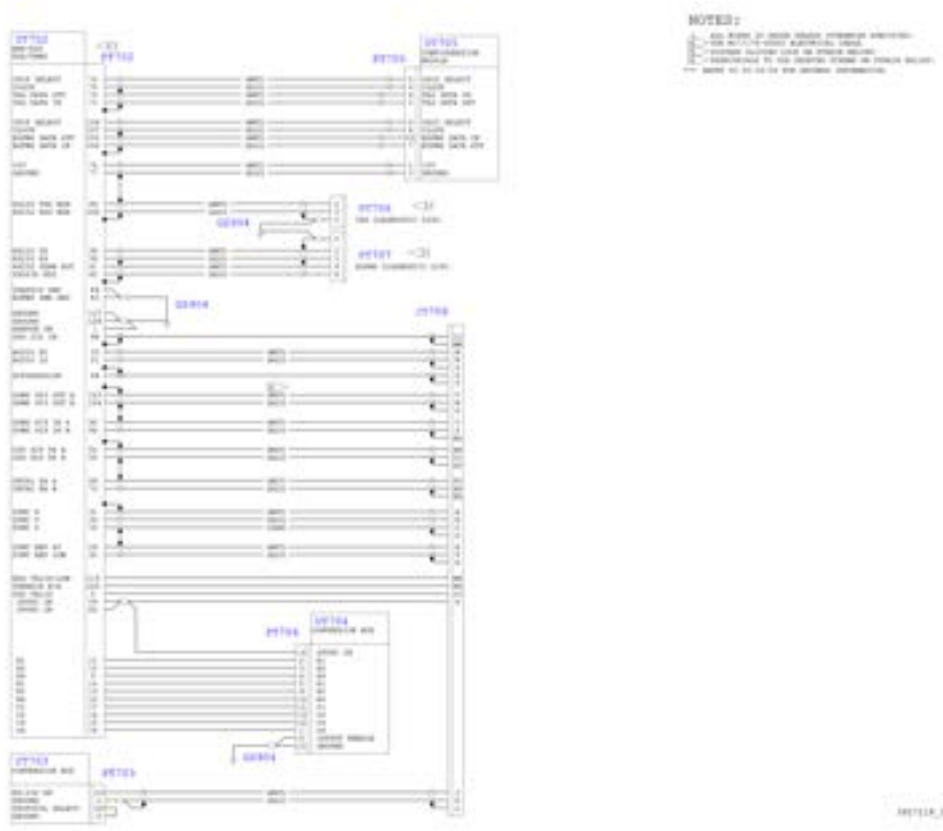
KMH-880 MULTI-HAZARD AWARENESS SYSTEM

AIRPLANES (206) 08209 & ON AND AIRPLANES (T206) 08438 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GS904	3940359-2	GROUND STUD - ELT (ZONE 310)		(206) 08209 & ON (T206) 08438 & ON	03
JT708	SGMC34M0E100J0	CONNECTOR	V28198	(206) 08209 & ON (T206) 08438 & ON	01
	MC422N	. CONTACT	V28198		AR
PT702	D38999/26FJ35SN	CONNECTOR - KMH-880		(206) 08209 & ON (T206) 08438 & ON	01
	M85049/38S25N	. STRAIN RELEIF			01
PT703	DAMA15P	CONNECTOR - CONVERSION BOX FOR SPARES ORDER (MUST REPLACE WITH): M24308/4-2	V71468	(206) 08209 & ON (T206) 08438 & ON	01
	M24308/4-2	CONNECTOR	V49367	(206) 08209 & ON (T206) 08438 & ON	01
	M85049/48-2-2F	. STRAIN RELIEF	V71468		AR
PT704	DAMA15S	CONNECTOR - CONVERSION BOX FOR SPARES ORDER (MUST REPLACE WITH): M24308/4-2	V71468	(206) 08209 & ON (T206) 08438 & ON	01
	M24308/4-2	CONNECTOR	V49367	(206) 08209 & ON (T206) 08438 & ON	01
	M85049/48-2-2F	. STRAIN RELIEF	V71468		AR
PT705	ODD15F10JVL0	CONNECTOR - CONFIGURATION MODULE	V28198	(206) 08209 & ON (T206) 08438 & ON	01
PT706	RD9F10000	CONNECTOR - TAS DIAGNOSTIC DISCONNECT	V28198	(206) 08209 & ON (T206) 08438 & ON	01
	D9000KVL0	. STRAIN RELIEF	V28198		01
PT707	RD9F10000	CONNECTOR - EGPWS DIAGNOSTIC DISCONNECT	V28198	(206) 08209 & ON (T206) 08438 & ON	01
	D9000KVL0	. STRAIN RELIEF	V28198		01
UT702	S3100-274	PROCESSOR - TERRAIN AWARENESS WARNING SYSTEM		(206) 08209 & ON (T206) 08438 & ON	01
UT703	IA-RS232C-R	CONVERSION BOX	V57323	(206) 08209 & ON (T206) 08438 & ON	01
UT704	IA-RS232C-R	CONVERSION BOX	V57323	(206) 08209 & ON (T206) 08438 & ON	01
UT705	071-00112-0100	CONFIGURATION MODULE	V22373	(206) 08209 & ON (T206) 08438 & ON	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 03 : Sheet 01 : KMH-880 MULTI-HAZARD AWARENESS SYSTEM



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

KTA-870 TRAFFIC ADVISORY SYSTEM - NAV III

AIRPLANES (206) 08257 THRU 08283 AND AIRPLANES (T206) 08585 THRU 08704

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GS904	3940359-2	GROUND STUD - ELT (ZONE 310)		(206) 08257 - 08283 (T206) 08585 - 08704	03
JC023	S2350-10	CONNECTOR - AVIONIC CIRCUIT BREAKER DISCONNECT		(206) 08257 - 08283 (T206) 08585 - 08704	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
	S2353-7	. PIN			AR
PI531	330-00185-78	CONNECTOR - AUDIO PANEL	V0TRC3	(206) 08257 - 08283 (T206) 08585 - 08704	01
PT307	330-00366-62	CONNECTOR - AVIONIC #2	V0TRC3	(206) 08257 - 08283 (T206) 08585 - 08704	01
PT308		CONNECTOR			RF
PT311	330-00185-44	CONNECTOR	V0TRC3	(206) 08257 - 08283 (T206) 08585 - 08704	01
PT702	D38999/26FJ35SN	CONNECTOR - KMH-880		(206) 08257 - 08283 (T206) 08585 - 08704	01
	M85049/38S25N	. STRAIN RELEIF			01
PT705	ODD15F10JVL0	CONNECTOR - CONFIGURATION MODULE	V28198	(206) 08257 - 08283 (T206) 08585 - 08704	01
PT707	RD9F10000	CONNECTOR - EGPWS DIAGNOSTIC DISCONNECT	V28198	(206) 08257 - 08283 (T206) 08585 - 08704	01
	D9000KVL0	. STRAIN RELIEF	V28198		01
PT800	011-01012-01	CONNECTOR	V0TRC3	(206) 08257 - 08283 (T206) 08585 - 08704	01

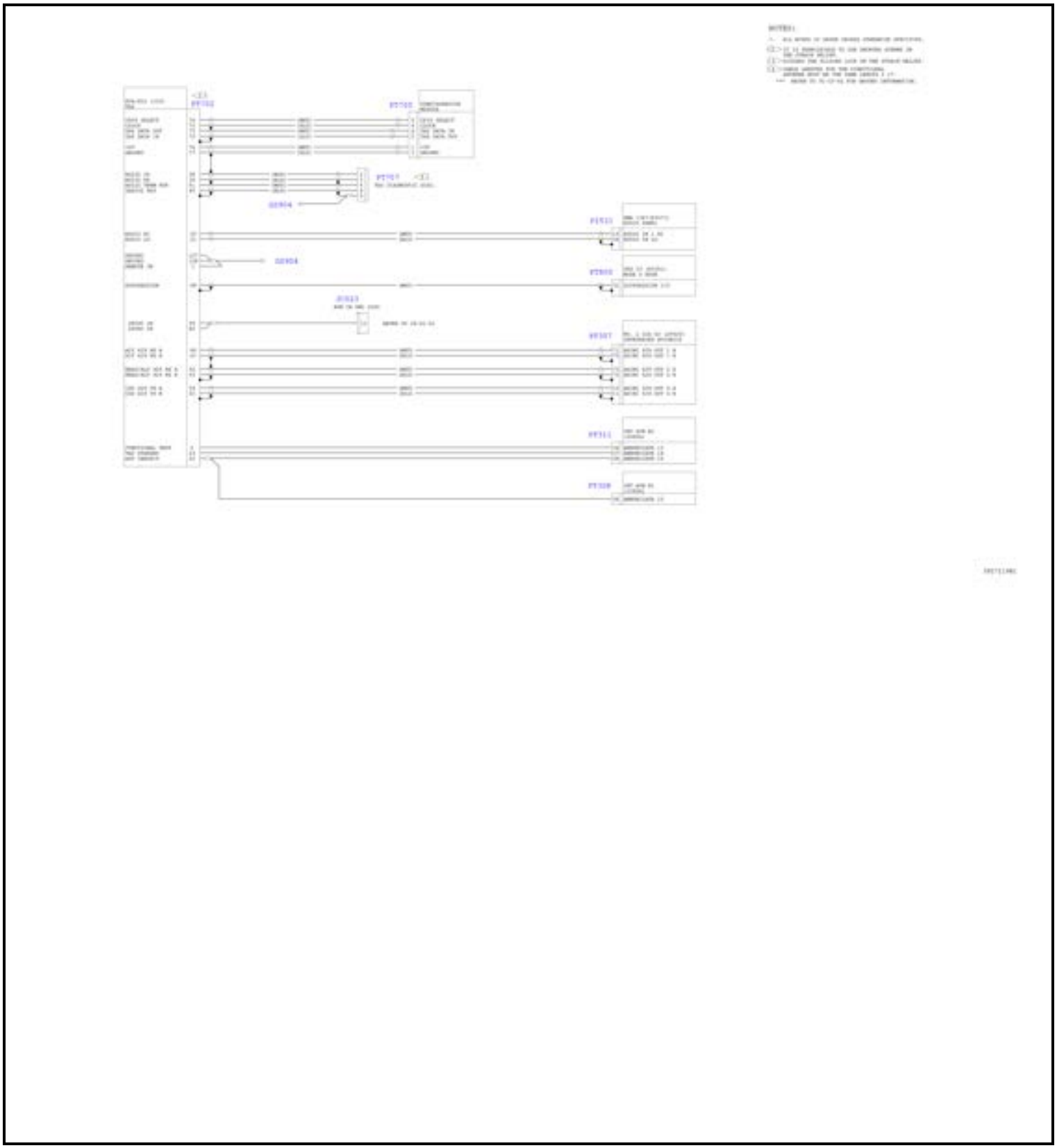
KTA-870 TRAFFIC ADVISORY SYSTEM - NAV III

AIRPLANES (206) 08257 THRU 08283 AND AIRPLANES (T206) 08585 THRU 08704

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
PF1005	225555-6	COAX CONNECTOR - DIRECTIONAL ANTENNA COAX (ZONE 225)	V00779	(206) 08257 - 08283 (T206) 08585 - 08704	01
PF1006	225555-6	COAX CONNECTOR - DIRECTIONAL ANTENNA COAX (ZONE 225)	V00779	(206) 08257 - 08283 (T206) 08585 - 08704	01
PF1007	225555-6	COAX CONNECTOR - DIRECTIONAL ANTENNA COAX (ZONE 225)	V00779	(206) 08257 - 08283 (T206) 08585 - 08704	01
PF1008	225555-6	COAX CONNECTOR - DIRECTIONAL ANTENNA COAX (ZONE 225)	V00779	(206) 08257 - 08283 (T206) 08585 - 08704	01
PF1009	225555-6	COAX CONNECTOR - BOTTOM OMNI ANTENNA COAX (ZONE 225)	V00779	(206) 08257 - 08283 (T206) 08585 - 08704	01
PT1003	225555-6	COAX CONNECTOR - DIRECTIONAL ANTENNA COAX (ZONE 225)	V00779	(206) 08257 - 08283 (T206) 08585 - 08704	01
PT1004	225555-6	COAX CONNECTOR - DIRECTIONAL ANTENNA COAX (ZONE 225)	V00779	(206) 08257 - 08283 (T206) 08585 - 08704	01
PT1005	225555-6	COAX CONNECTOR - DIRECTIONAL ANTENNA COAX (ZONE 225)	V00779	(206) 08257 - 08283 (T206) 08585 - 08704	01
PT1006	UG88C/U	CONNECTOR - DIRECTIONAL ANTENNA COAX	V07688	(206) 08257 - 08283 (T206) 08585 - 08704	01
PT1007	225555-6	COAX CONNECTOR - OMNI ANTENNA COAX (ZONE 225)	V00779	(206) 08257 - 08283 (T206) 08585 - 08704	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 01 : Sheet 01 : KTA-870 TRAFFIC ADVISORY SYSTEM - NAV III



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 01 : Sheet 02 : KTA-870 TRAFFIC ADVISORY SYSTEM - NAV III



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

KTA-870 TRAFFIC ADVISORY SYSTEM - NAV III

AIRPLANES (206) 08284 & ON AND AIRPLANES (T206) 08705 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
JC023	S2350-10	CONNECTOR - AVIONIC CIRCUIT BREAKER DISCONNECT		(206) 08284 & ON (T206) 08705 & ON	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
	S2353-7	. PIN			AR
PI531	330-00185-78	CONNECTOR - AUDIO PANEL	V0TRC3	(206) 08284 & ON (T206) 08705 & ON	01
PT307	330-00185-78	CONNECTOR	V0TRC3	(206) 08284 & ON (T206) 08705 & ON	01
PT308		CONNECTOR			RF
PT311	330-00185-44	CONNECTOR	V0TRC3	(206) 08284 & ON (T206) 08705 & ON	01
PT702	D38999/26FJ35SN	CONNECTOR - KMH-880		(206) 08284 & ON (T206) 08705 & ON	01
	M85049/38S25N	. STRAIN RELEIF			01
PT705	ODD15F10JVL0	CONNECTOR - CONFIGURATION MODULE	V28198	(206) 08284 & ON (T206) 08705 & ON	01
PT707	RD9F10000	CONNECTOR - EGPWS DIAGNOSTIC DISCONNECT	V28198	(206) 08284 & ON (T206) 08705 & ON	01
	D9000KVL0	. STRAIN RELIEF	V28198		01
PT800	011-01012-01	CONNECTOR	V0TRC3	(206) 08284 & ON (T206) 08705 & ON	01
PT902	SK2701	CONNECTOR	V28198	(206) 08284 & ON (T206) 08705 & ON	01
	FC120N2	. CONTACT	V28198		AR

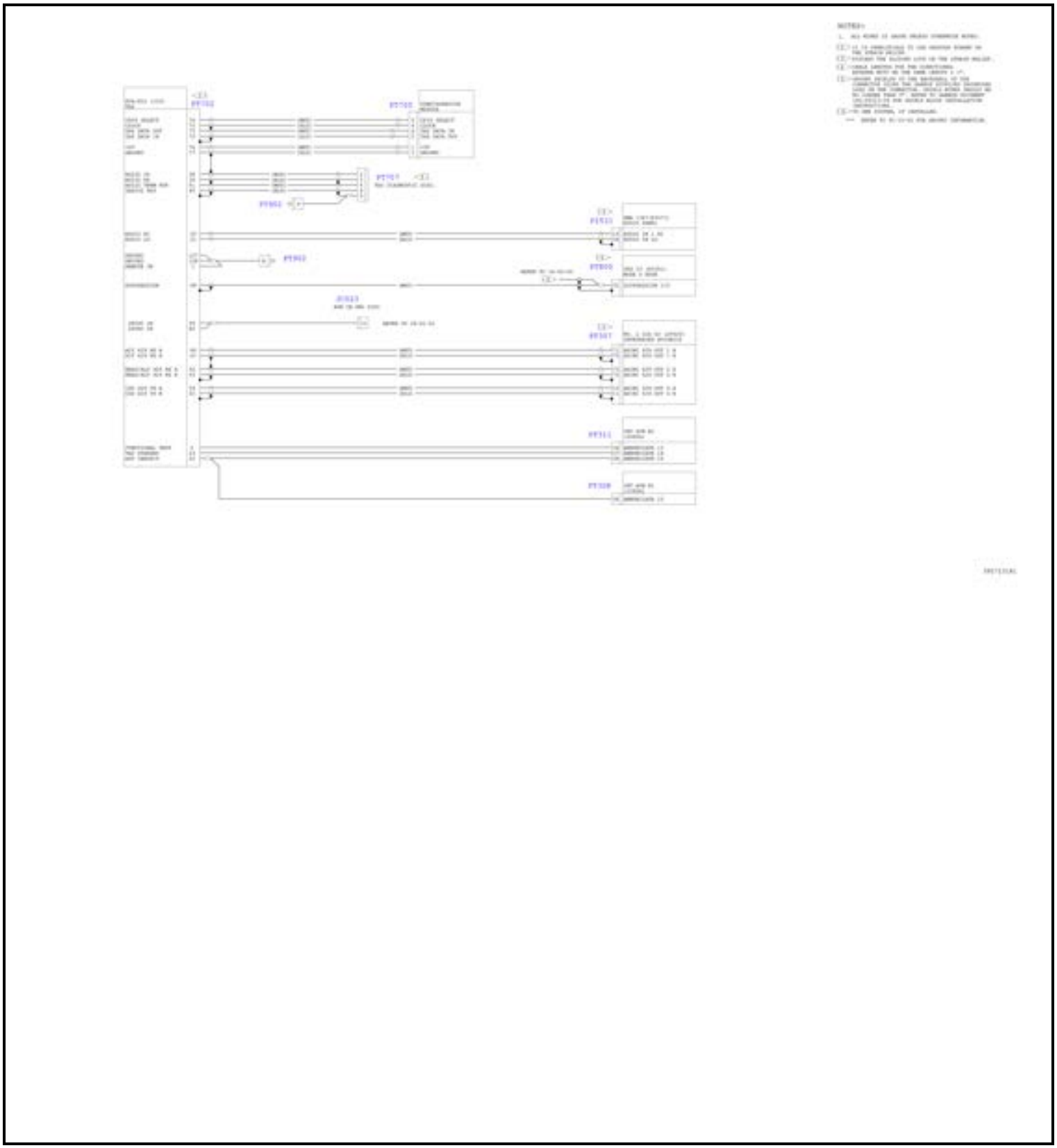
KTA-870 TRAFFIC ADVISORY SYSTEM - NAV III

AIRPLANES (206) 08284 & ON AND AIRPLANES (T206) 08705 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
PF1005	225555-6	COAX CONNECTOR - DIRECTIONAL ANTENNA COAX (ZONE 225)	V00779	(206) 08284 & ON (T206) 08705 & ON	01
PF1006	225555-6	COAX CONNECTOR - DIRECTIONAL ANTENNA COAX (ZONE 225)	V00779	(206) 08284 & ON (T206) 08705 & ON	01
PF1007	225555-6	COAX CONNECTOR - DIRECTIONAL ANTENNA COAX (ZONE 225)	V00779	(206) 08284 & ON (T206) 08705 & ON	01
PF1008	225555-6	COAX CONNECTOR - DIRECTIONAL ANTENNA COAX (ZONE 225)	V00779	(206) 08284 & ON (T206) 08705 & ON	01
PF1009	225555-6	COAX CONNECTOR - BOTTOM OMNI ANTENNA COAX (ZONE 225)	V00779	(206) 08284 & ON (T206) 08705 & ON	01
PT1003	225555-6	COAX CONNECTOR - DIRECTIONAL ANTENNA COAX (ZONE 225)	V00779	(206) 08284 & ON (T206) 08705 & ON	01
PT1004	225555-6	COAX CONNECTOR - DIRECTIONAL ANTENNA COAX (ZONE 225)	V00779	(206) 08284 & ON (T206) 08705 & ON	01
PT1005	225555-6	COAX CONNECTOR - DIRECTIONAL ANTENNA COAX (ZONE 225)	V00779	(206) 08284 & ON (T206) 08705 & ON	01
PT1006	UG88C/U	CONNECTOR - DIRECTIONAL ANTENNA COAX	V07688	(206) 08284 & ON (T206) 08705 & ON	01
PT1007	225555-6	COAX CONNECTOR - OMNI ANTENNA COAX (ZONE 225)	V00779	(206) 08284 & ON (T206) 08705 & ON	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 02 : Sheet 01 : KTA-870 TRAFFIC ADVISORY SYSTEM - NAV III



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 02 : Sheet 02 : KTA-870 TRAFFIC ADVISORY SYSTEM - NAV III



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

GTS 800 TRAFFIC ADVISORY SYSTEM - NAV III

AIRPLANES (206) 08341 THRU 08353 AND AIRPLANES (T206) 09057 THRU 09107

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
JC023	S2350-10	CONNECTOR - AVIONIC CIRCUIT BREAKER DISCONNECT		(206) 08341 - 08353 (T206) 09057 - 09107	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
	S2353-7	. PIN			AR
JT005	206152-1	RECEPTACLE	V00779	(206) 08341 - 08353 (T206) 09057 - 09107	01
	S2351-1	. BACKSHELL	V00779		01
	M39029/64-369	. CONTACT PIN	V28198		AR
JT700	S2350-3	RECEPTACLE		(206) 08341 & ON (T206) 09057 & ON	01
	S2351-1	. BACKSHELL	V00779		AR
	S2353-3	. PIN	V00779		AR
PI317	330-00366-62	CONNECTOR - PRIMARY FLIGHT DISPLAY FOR SPARES ORDER (MUST REPLACE WITH): 011-00820-01	V0TRC3	(206) 08341 - 08353 (T206) 09057 - 09107	01
	011-00820-01	GDU10XX, SUB ASSEMBLY	V0TRC3	(206) 08341 - 08353 (T206) 09057 - 09107	01
	011-00979-00	. CONFIGURATION MODULE KIT	V0TRC3		01
PI531	330-00185-78	CONNECTOR - AUDIO PANEL	V0TRC3	(206) 08341 - 08353 (T206) 09057 - 09107	01
PT308		CONNECTOR			RF
PT311	330-00185-44	CONNECTOR	V0TRC3	(206) 08341 - 08353 (T206) 09057 - 09107	01
PT312	330-00185-78	CONNECTOR	V0TRC3	(206) 08341 - 08353 (T206) 09057 - 09107	01
PT700	S2349-1	PLUG	V00779	(206) 08341 & ON (T206) 09057 & ON	01
	S2351-1	. BACKSHELL	V00779		01
	S2099-4	. CONTACT	V00779		01
PT710	330-00366-78	CONNECTOR	V0TRC3	(206) 08341 & ON (T206) 09057 & ON	01
	011-01855-04	. BACKSHELL	V0TRC3		01
	336-00021-00	. PINS	V0TRC3		01
PT711	330-00366-78	CONNECTOR	V0TRC3	(206) 08341 & ON (T206) 09057 & ON	01
	011-01855-04	. BACKSHELL	V0TRC3		01
	336-00021-00	. PINS	V0TRC3		01
PT712	330-00502-37	CONNECTOR	V0TRC3	(206) 08341 & ON (T206) 09057 & ON	01
	011-01855-03	. BACKSHELL	V0TRC3		01
	336-00022-00	. SOCKETS	V0TRC3		01
PT800	011-01012-01	CONNECTOR	V0TRC3	(206) 08341 - 08353 (T206) 09057 - 09107	01
PT902	SK2701	CONNECTOR	V28198	(206) 08341 - 08353 (T206) 09057 - 09107	01
	FC120N2	. CONTACT	V28198		AR

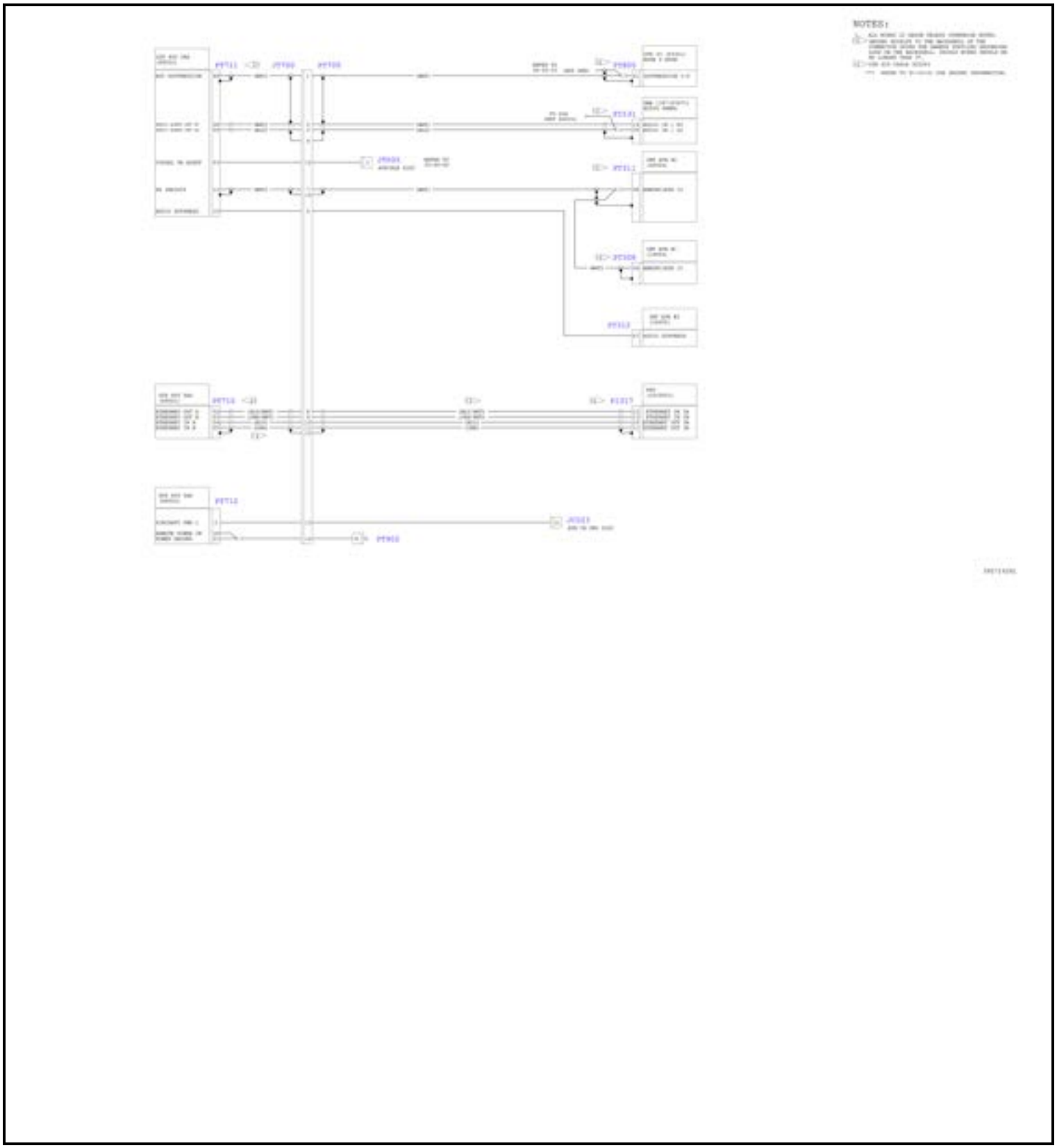
GTS 800 TRAFFIC ADVISORY SYSTEM - NAV III

AIRPLANES (206) 08341 THRU 08353 AND AIRPLANES (T206) 09057 THRU 09107

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	EFFECTIVITY	UNITS PER ASSY
PF1013		COAX CONNECTOR		RF
PF1014		COAX CONNECTOR		RF
PF1015		COAX CONNECTOR		RF
PF1016		COAX CONNECTOR		RF
PF1017		COAX CONNECTOR		RF
PT1045		COAX CONNECTOR		RF
PT1046		COAX CONNECTOR		RF
PT1047		COAX CONNECTOR		RF
PT1048		COAX CONNECTOR		RF
PT1049		COAX CONNECTOR		RF

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 01 : Sheet 01 : GTS 800 TRAFFIC ADVISORY SYSTEM - NAV III



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 01 : Sheet 02 : GTS 800 TRAFFIC ADVISORY SYSTEM - NAV III



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

GTS 800 TRAFFIC ADVISORY SYSTEM - NAV III

AIRPLANES (206) 08354 & ON AND AIRPLANES (T206) 09108 THRU 09762

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
JC023	S2350-10	CONNECTOR - AVIONIC CIRCUIT BREAKER DISCONNECT		(206) 08354 & ON (T206) 09108 - 09762	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
	S2353-7	. PIN			AR
JT005	206152-1	RECEPTACLE	V00779	(206) 08354 & ON (T206) 09108 - 09762	01
	S2351-1	. BACKSHELL	V00779		01
	M39029/64-369	. CONTACT PIN	V28198		AR
JT700	S2350-3	RECEPTACLE		(206) 08341 & ON (T206) 09057 & ON	01
	S2351-1	. BACKSHELL	V00779		AR
	S2353-3	. PIN	V00779		AR
PI317	011-00820-01	CONNECTOR - GDU10XX SUB-ASSY	V0TRC3	(T206) 08801 & ON	01
	011-00979-00	. CONFIGURATION MODULE	V0TRC3		01
PI531		CONNECTOR			RF
PT308		CONNECTOR			RF
PT311		CONNECTOR			RF
PT312		CONNECTOR			RF
PT700	S2349-1	PLUG	V00779	(206) 08341 & ON (T206) 09057 & ON	01
	S2351-1	. BACKSHELL	V00779		01
	S2099-4	. CONTACT	V00779		01
PT710	330-00366-78	CONNECTOR	V0TRC3	(206) 08341 & ON (T206) 09057 & ON	01
	011-01855-04	. BACKSHELL	V0TRC3		01
	336-00021-00	. PINS	V0TRC3		01
PT711	330-00366-78	CONNECTOR	V0TRC3	(206) 08341 & ON (T206) 09057 & ON	01
	011-01855-04	. BACKSHELL	V0TRC3		01
	336-00021-00	. PINS	V0TRC3		01
PT712	330-00502-37	CONNECTOR	V0TRC3	(206) 08341 & ON (T206) 09057 & ON	01
	011-01855-03	. BACKSHELL	V0TRC3		01
	336-00022-00	. SOCKETS	V0TRC3		01
PT800	011-01012-01	CONNECTOR	V0TRC3	(206) 08354 & ON (T206) 09108 - 09762	01
PT902	SK2701	CONNECTOR	V28198	(206) 08354 & ON (T206) 09108 - 09762	01
	FC120N2	. CONTACT	V28198		AR

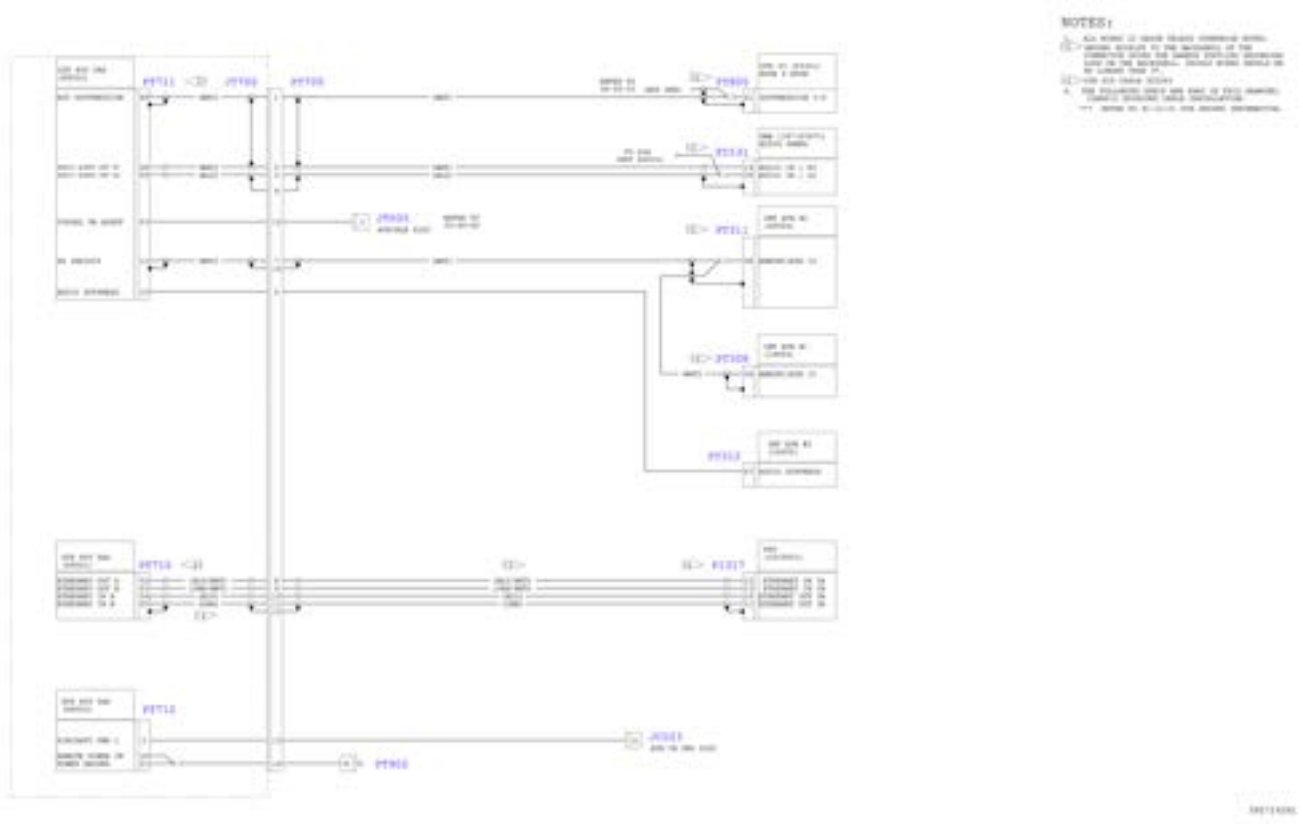
GTS 800 TRAFFIC ADVISORY SYSTEM - NAV III

AIRPLANES (206) 08354 & ON AND AIRPLANES (T206) 09108 THRU 09762

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	EFFECTIVITY	UNITS PER ASSY
PF1013		COAX CONNECTOR		RF
PF1014		COAX CONNECTOR		RF
PF1015		COAX CONNECTOR		RF
PF1016		COAX CONNECTOR		RF
PF1017		COAX CONNECTOR		RF
PT1045		COAX CONNECTOR		RF
PT1046		COAX CONNECTOR		RF
PT1047		COAX CONNECTOR		RF
PT1048		COAX CONNECTOR		RF
PT1049		COAX CONNECTOR		RF

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 02 : Sheet 01 : GTS 800 TRAFFIC ADVISORY SYSTEM - NAV III



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 02 : Sheet 02 : GTS 800 TRAFFIC ADVISORY SYSTEM - NAV III



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

GTS 800 TRAFFIC ADVISORY SYSTEM - NAV III

AIRPLANES (T206) 09763 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
JC023	S2350-10	CONNECTOR - AVIONIC CIRCUIT BREAKER DISCONNECT		(T206) 09763 & ON	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
	S2353-7	. PIN			AR
JT005	206152-1	RECEPTACLE	V00779	(T206) 09763 & ON	01
	S2351-1	. BACKSHELL	V00779		01
	M39029/64-369	. CONTACT PIN	V28198		AR
JT700	S2350-3	RECEPTACLE		(206) 08341 & ON (T206) 09057 & ON	01
	S2351-1	. BACKSHELL	V00779		AR
	S2353-3	. PIN	V00779		AR
PI317	011-00820-01	CONNECTOR - GDU10XX, SUB-ASSY	V0TRC3	(T206) 08801 & ON	01
	011-00979-00	. CONFIGURATION MODULE	V0TRC3		01
PT312		CONNECTOR			RF
PT700	S2349-1	PLUG	V00779	(206) 08341 & ON (T206) 09057 & ON	01
	S2351-1	. BACKSHELL	V00779		01
	S2099-4	. CONTACT	V00779		01
PT710	330-00366-78	CONNECTOR	V0TRC3	(206) 08341 & ON (T206) 09057 & ON	01
	011-01855-04	. BACKSHELL	V0TRC3		01
	336-00021-00	. PINS	V0TRC3		01
PT711	330-00366-78	CONNECTOR	V0TRC3	(206) 08341 & ON (T206) 09057 & ON	01
	011-01855-04	. BACKSHELL	V0TRC3		01
	336-00021-00	. PINS	V0TRC3		01
PT712	330-00502-37	CONNECTOR	V0TRC3	(206) 08341 & ON (T206) 09057 & ON	01
	011-01855-03	. BACKSHELL	V0TRC3		01
	336-00022-00	. SOCKETS	V0TRC3		01
PT805	330-00185-62	CONNECTOR	V0TRC3	(T206) 09763 & ON	01
	011-00950-03	. BACKSHELL	V0TRC3		01
	011-01169-01	. CONNECTOR	V0TRC3		01
	M39029/58-360	. CONTACT PIN	V0TRC3		01
PT902	SK2701	CONNECTOR	V28198	(T206) 09763 & ON	01
	FC120N2	. CONTACT	V28198		AR

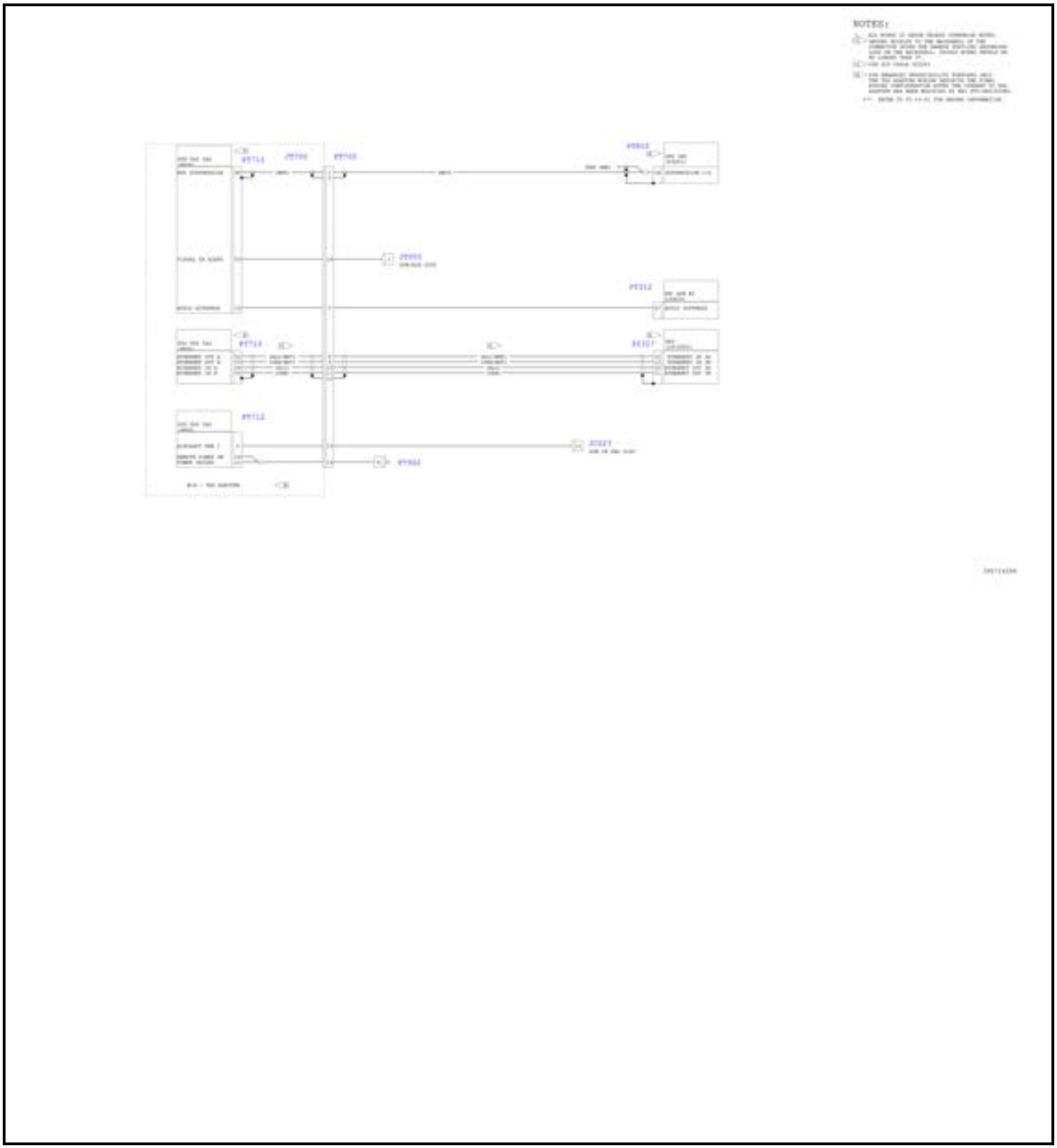
GTS 800 TRAFFIC ADVISORY SYSTEM - NAV III

AIRPLANES (T206) 09763 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	EFFECTIVITY	UNITS PER ASSY
PF1013		COAX CONNECTOR		RF
PF1014		COAX CONNECTOR		RF
PF1015		COAX CONNECTOR		RF
PF1016		COAX CONNECTOR		RF
PF1017		COAX CONNECTOR		RF
PT1045		COAX CONNECTOR		RF
PT1046		COAX CONNECTOR		RF
PT1047		COAX CONNECTOR		RF
PT1048		COAX CONNECTOR		RF
PT1049		COAX CONNECTOR		RF

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 03 : Sheet 01 : GTS 800 TRAFFIC ADVISORY SYSTEM - NAV III



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 03 : Sheet 02 : GTS 800 TRAFFIC ADVISORY SYSTEM - NAV III



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

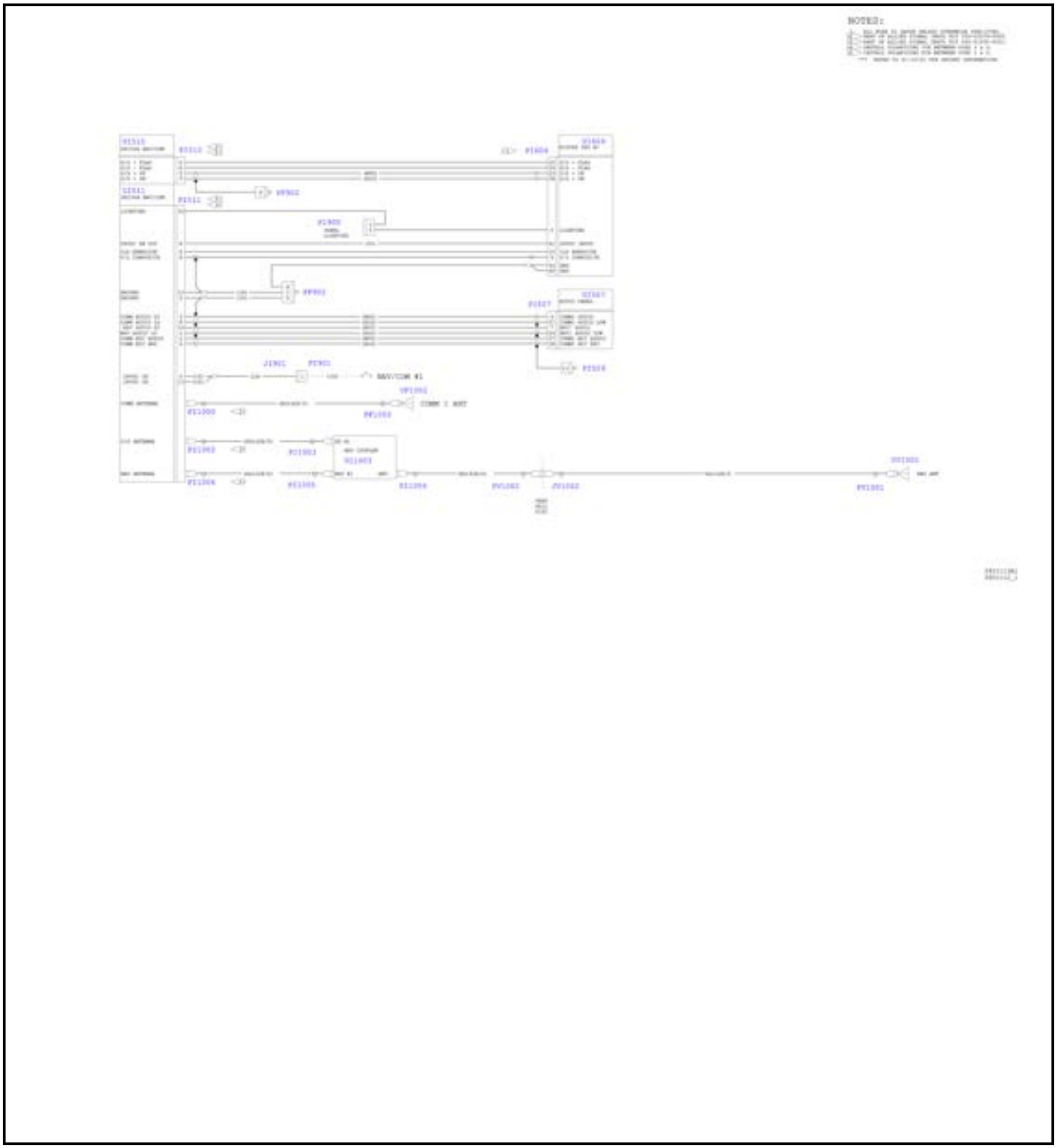
KX-155A NAV/COMM 1 WITH KLN-89B GPS

AIRPLANES (206) 08001 THRU 08082 WITH NAV I OPTION WITH HIS AND AIRPLANES (T206) 08001 THRU 08146 WITH NAV I OPTION WITH HIS

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
JI901	S2350-3	RECEPTACLE - AVIONICS CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08001 - 08082 (T206) 08001 - 08146	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
JV1002	S2046-3	JACK - VERTICAL STABILIZER DISCONNECT (ZONE 340)		(206) 08001 - 08082 (T206) 08001 - 08146	01
PF902	030-02000-0000	CONNECTOR (ZONE 225)	V22373	(206) 08001 - 08082 (T206) 08001 - 08146	01
	FC116N2	. CONTACT	V28198		02
	FC120N1	. CONTACT	V28198		02
	FC120N2	. CONTACT	V28198		02
	FC120N3	. CONTACT	V28198		03
PF1002	UG913A/U	COAX CONNECTOR - COMM 1 ANTENNA (ZONE 210)	V07688	(206) 08001 - 08082 (T206) 08001 - 08146	01
PI507	030-01176-0001	CONNECTOR - AUDIO PANEL (ZONE 225) * AIRPLANES (206) 08001 THRU 08089 INCORPORATING SB00-24-02	V22373	(206) *08001 - 08089 (T206) 08001 - 08158	01
PI509	030-01094-0004	CONNECTOR - AUDIO PANEL (ZONE 224)	V22373	(206) 08001 - 08082 (T206) 08001 - 08146	01
PI510	030-01094-0060	CONNECTOR - AUDIO PANEL (ZONE 225)	V22373	(206) 08001 - 08082 (T206) 08001 - 08146	01
PI511	030-01094-0088	CONNECTOR - KX-155A NAVIGATION/COMMUNICATION (ZONE 225)	V22373	(206) 08001 - 08082 (T206) 08001 - 08146	01
PI604	030-01176-0000	CONNECTOR - KI-209A CDI INDICATOR #1 (ZONE 220)	V22373	(206) 08001 - 08082 (T206) 08001 - 08146	01
PI900	S3070-9	CONNECTOR KIT - PANEL LIGHTING (ZONE 225)	V49367	(206) 08001 - 08082 (T206) 08001 - 08146	01
	LMD6106P	. MODULE	V49367		01
	LMS01T-TL	. SPLICE	V49367		01
PI901	S2349-1	PLUG - AVIONICS CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)	V00779	(206) 08001 - 08350 (T206) 08001 - 09076	01
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
PI1000	030-00101-0002	CONNECTOR - COMM 1 ANTENNA (ZONE 310)	V22373	(206) 08001 - 08082 (T206) 08001 - 08146	01
PI1002	030-00101-0002	CONNECTOR - GLIDESLOPE ANTENNA (ZONE 225)	V22373	(206) 08001 - 08082 (T206) 08001 - 08146	01
PI1003	UG88C/U	CONNECTOR - GLIDESLOPE #1 COUPLER (ZONE 340) FOR SPARES ORDER (MUST REPLACE WITH): S3284-1	V07688	(206) 08001 - 08082 (T206) 08001 - 08146	01
	S3284-1	CONNECTOR	V07688	(206) 08001 - 08082 (T206) 08001 - 08146	01
PI1004	030-00101-0002	CONNECTOR - NAVIGATION ANTENNA (ZONE 225)	V22373	(206) 08001 - 08082 (T206) 08001 - 08146	01
PI1005	UG88C/U	CONNECTOR - NAV #1 COUPLER (ZONE 210)	V07688	(206) 08001 - 08082 (T206) 08001 - 08146	01
PI1006	225555-6	COAX CONNECTOR - NAV ANTENNA COUPLER (ZONE 210)	V00779	(206) 08001 - 08082 (T206) 08001 - 08146	01
PV1001	UG88C/U	CONNECTOR - NAVIGATION ANTENNA (ZONE 340)	V07688	(206) 08001 - 08082 (T206) 08001 - 08146	01
PV1002	UG88C/U	CONNECTOR - VERTICAL TAIL DISCONNECT (ZONE 340) FOR SPARES ORDER (MUST REPLACE WITH): S3284-1	V07688	(206) 08001 - 08082 (T206) 08001 - 08146	01
	S3284-1	CONNECTOR	V07688	(206) 08001 - 08082 (T206) 08001 - 08146	01
UF1002	CI-128A	ANTENNA - COMM (ZONE 210) FOR SPARES ORDER (MUST REPLACE WITH): CI248-6	V51351	(206) 08001 - 08082 (T206) 08001 - 08146	01
	CI248-6	ANTENNA	V51351	(206) 08001 - 08082 (T206) 08001 - 08146	01
UI507	066-01155-0201	PANEL - AUDIO	V22373	(206) 08001 - 08082 (T206) 08001 - 08146	01
UI510	069-01032-0101	RECEIVER - KX-155A NAV/COMM #1	V22373	(206) 08001 - 08082 (T206) 08001 - 08146	01
UI511	069-01032-0101	RECEIVER - KX-155A NAV/COMM #1 (ZONE 225)	V22373	(206) 08001 - 08082 (T206) 08001 - 08146	01
UI604	S3100-159	INDICATOR - NAV (ZONE 225)	V22373	(206) 08001 - 08082 (T206) 08001 - 08146	01
UI1003	S2473-1	COUPLER - NAV ANTENNA (ZONE 210)		(206) 08001 - 08082 (T206) 08001 - 08146	01
UV1001	C598504-0201	ANTENNA - NAVIGATION (ZONE 340)		(206) 08001 - 08082 (T206) 08001 - 08146	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 01 : Sheet 01 : KX-155A NAV/COMM 1 WITH KLN-89B GPS



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

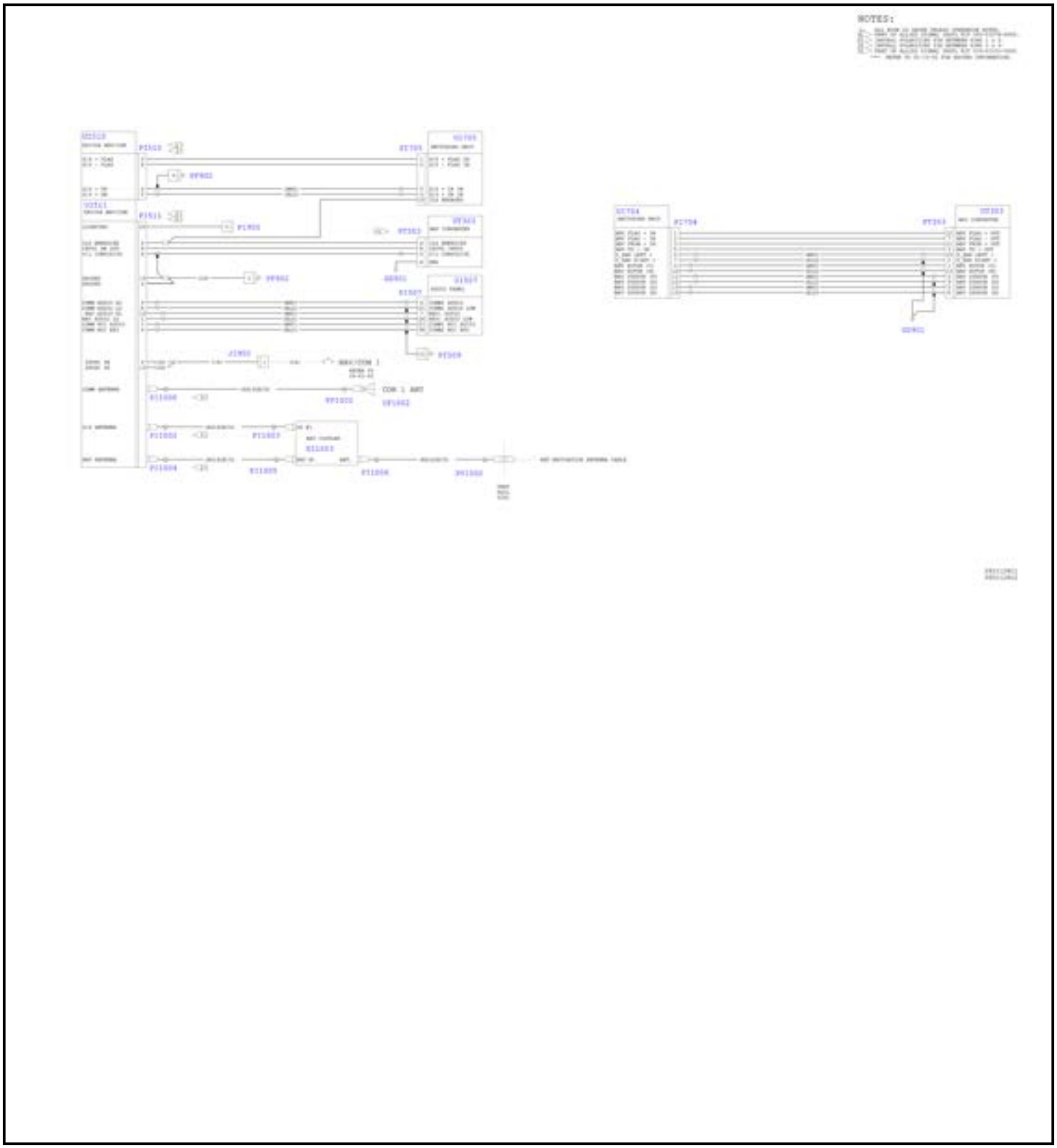
KX-155A NAV/COMM 1 WITH CENTURY HSI

AIRPLANES (206) 08083 THRU 08138 AND AIRPLANES (T206) 08147 THRU 08259

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GS901	3940359-2	GROUND STUD - ELT (ZONE 310)		(206) 08083 - 08138 (T206) 08147 - 08259	01
JI901	S2350-3	RECEPTACLE - AVIONICS CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08083 - 08138 (T206) 08147 - 08259	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PF902	SK2701	CONNECTOR - GROUND (ZONE 211)	V28198	(206) 08083 - 08138 (T206) 08147 - 08259	01
	FC116N2	. CRIMP CONTACT	V28198		AR
	FC120N2	. CRIMP CONTACT	V28198		AR
PF1002	UG913A/U	COAX CONNECTOR - COMM 1 ANTENNA (ZONE 210)	V07688	(206) 08083 - 08138 (T206) 08147 - 08259	01
PI507	030-01176-0001	CONNECTOR - AUDIO PANEL (ZONE 225) * AIRPLANES (206) 08001 THRU 08089 INCORPORATING SB00-24-02	V22373	(206) *08001 - 08089 (T206) 08001 - 08158	01
PI509	030-01094-0004	CONNECTOR - AUDIO PANEL (ZONE 224)	V22373	(206) 08083 - 08138 (T206) 08147 - 08259	01
PI510	030-01094-0060	CONNECTOR - AUDIO PANEL (ZONE 225)	V22373	(206) 08083 - 08138 (T206) 08147 - 08259	01
PI511	030-01094-0088	CONNECTOR - KX-155A NAVIGATION/COMMUNICATION (ZONE 225)	V22373	(206) 08083 - 08138 (T206) 08147 - 08259	01
PI704	RD50F10JVL0	CONNECTOR - SWITCHING UNIT (ZONE 225)	V28198	(206) 08083 - 08138 (T206) 08147 - 08259	01
PI705	RD50M10JVL0	CONNECTOR - SWITCHING UNIT (ZONE 225)	V28198	(206) 08083 - 08138 (T206) 08147 - 08259	01
PI900	S3070-9	CONNECTOR KIT - PANEL LIGHTING (ZONE 225)	V49367	(206) 08083 - 08138 (T206) 08147 - 08259	01
	LMD6106P	. MODULE	V49367		01
	LMS01T-TL	. SPLICE	V49367		01
PI1000	030-00101-0002	CONNECTOR - COMM 1 ANTENNA (ZONE 310)	V22373	(206) 08083 - 08138 (T206) 08147 - 08259	01
PI1002	030-00101-0002	CONNECTOR - GLIDESLOPE ANTENNA (ZONE 225)	V22373	(206) 08083 - 08138 (T206) 08147 - 08259	01
PI1003	UG88C/U	CONNECTOR - GLIDESLOPE #1 COUPLER (ZONE 340) FOR SPARES ORDER (MUST REPLACE WITH): S3284-1	V07688	(206) 08083 - 08138 (T206) 08147 - 08259	01
	S3284-1	CONNECTOR	V07688	(206) 08083 - 08138 (T206) 08147 - 08259	01
PI1004	030-00101-0002	CONNECTOR - NAVIGATION ANTENNA (ZONE 225)	V22373	(206) 08083 - 08138 (T206) 08147 - 08259	01
PI1005	UG88C/U	CONNECTOR - NAV #1 COUPLER (ZONE 210)	V07688	(206) 08083 - 08138 (T206) 08147 - 08259	01
PI1006	225555-6	COAX CONNECTOR - NAV ANTENNA COUPLER (ZONE 210)	V00779	(206) 08083 - 08138 (T206) 08147 - 08259	01
PT303	030-01094-0051	CONNECTOR - INTEGRATED AVIONIC #1 (ZONE 310)	V22373	(206) 08083 - 08138 (T206) 08147 - 08259	01
PV1002	UG88C/U	CONNECTOR - VERTICAL TAIL DISCONNECT (ZONE 340) FOR SPARES ORDER (MUST REPLACE WITH): S3284-1	V07688	(206) 08083 - 08138 (T206) 08147 - 08259	01
	S3284-1	CONNECTOR	V07688	(206) 08083 - 08138 (T206) 08147 - 08259	01
UF1002	CI-128A	ANTENNA - COMM (ZONE 210) FOR SPARES ORDER (MUST REPLACE WITH): CI248-6	V51351	(206) 08083 - 08138 (T206) 08147 - 08259	01
	CI248-6	ANTENNA	V51351	(206) 08083 - 08138 (T206) 08147 - 08259	01
UI507	066-01155-0201	PANEL - AUDIO	V22373	(206) 08083 - 08138 (T206) 08147 - 08259	01
UI510	069-01032-0101	RECEIVER - KX-155A NAV/COMM #1	V22373	(206) 08083 - 08138 (T206) 08147 - 08259	01
UI511	069-01032-0101	RECEIVER - KX-155A NAV/COMM #1 (ZONE 225)	V22373	(206) 08083 - 08138 (T206) 08147 - 08259	01
UI704	MD41-229	SELECTOR - GPS/NAV	V59742	(206) 08083 - 08138 (T206) 08147 - 08259	01
UI705	MD41-229	SELECTOR - GPS/NAV	V59742	(206) 08083 - 08138 (T206) 08147 - 08259	01
UI1003	S2473-1	COUPLER - NAV ANTENNA (ZONE 210)		(206) 08083 - 08138 (T206) 08147 - 08259	01
UT303	066-4009-00	CONVERTER - NAV	V22373	(206) 08083 - 08138 (T206) 08147 - 08259	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 02 : Sheet 01 : KX-155A NAV/COMM 1 WITH CENTURY HSI



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

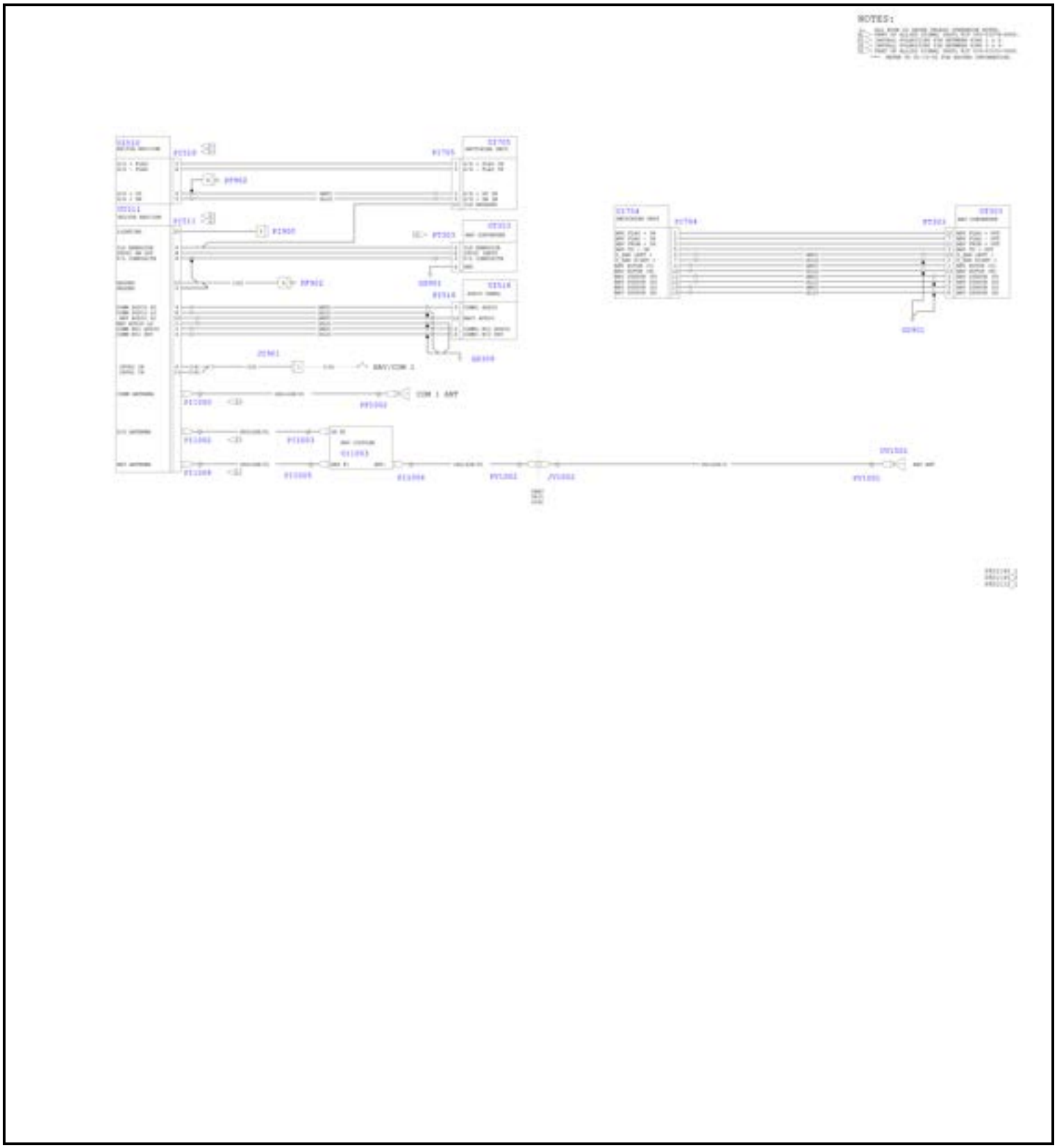
KX-155A NAV/COMM 1 WITH CENTURY HSI

AIRPLANES (206) 08139 THRU 08173 AND AIRPLANES (T206) 08260 THRU 08361

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GS309	3940359-2	GROUND STUD (ZONE 224)		(206) 08139 - 08173 (T206) 08260 - 08361	01
GS901	3940359-2	GROUND STUD - ELT (ZONE 310)		(206) 08139 - 08173 (T206) 08260 - 08361	01
JI901	S2350-3	RECEPTACLE - AVIONICS CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08139 - 08173 (T206) 08260 - 08361	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
JV1002	S2046-3	JACK - VERTICAL STABILIZER DISCONNECT (ZONE 340)		(206) 08139 - 08173 (T206) 08260 - 08361	01
PF902	SK2701	CONNECTOR - GROUND (ZONE 211)	V28198	(206) 08139 - 08173 (T206) 08260 - 08361	01
	FC116N2	. CRIMP CONTACT	V28198		AR
	FC120N2	. CRIMP CONTACT	V28198		AR
PF1002	UG913A/U	COAX CONNECTOR - COMM 1 ANTENNA (ZONE 210)	V07688	(206) 08139 - 08173 (T206) 08260 - 08361	01
PI510	030-01094-0060	CONNECTOR - AUDIO PANEL (ZONE 225)	V22373	(206) 08139 - 08173 (T206) 08260 - 08361	01
PI511	030-01094-0088	CONNECTOR - KX-155A NAVIGATION/COMMUNICATION (ZONE 225)	V22373	(206) 08139 - 08173 (T206) 08260 - 08361	01
PI516	050-01094-0058	CONNECTOR - KMA 28 AUDIO PANEL		(206) 08139 - 08173 (T206) 08260 - 08361	01
PI704	RD50F10JVL0	CONNECTOR - SWITCHING UNIT (ZONE 225)	V28198	(206) 08139 - 08173 (T206) 08260 - 08361	01
PI705	RD50M10JVL0	CONNECTOR - SWITCHING UNIT (ZONE 225)	V28198	(206) 08139 - 08173 (T206) 08260 - 08361	01
PI900	S3070-9	CONNECTOR KIT - PANEL LIGHTING (ZONE 225)	V49367	(206) 08139 - 08173 (T206) 08260 - 08361	01
	LMD6106P	. MODULE	V49367		01
	LMS01T-TL	. SPLICE	V49367		01
PI1000	030-00101-0002	CONNECTOR - COMM 1 ANTENNA (ZONE 310)	V22373	(206) 08139 - 08173 (T206) 08260 - 08361	01
PI1002	030-00101-0002	CONNECTOR - GLIDESLOPE ANTENNA (ZONE 225)	V22373	(206) 08139 - 08173 (T206) 08260 - 08361	01
PI1003	UG88C/U	CONNECTOR - GLIDESLOPE #1 COUPLER (ZONE 340) FOR SPARES ORDER (MUST REPLACE WITH): S3284-1	V07688	(206) 08139 - 08173 (T206) 08260 - 08361	01
	S3284-1	CONNECTOR	V07688	(206) 08139 - 08173 (T206) 08260 - 08361	01
PI1004	030-00101-0002	CONNECTOR - NAVIGATION ANTENNA (ZONE 225)	V22373	(206) 08139 - 08173 (T206) 08260 - 08361	01
PI1005	UG88C/U	CONNECTOR - NAV #1 COUPLER (ZONE 210)	V07688	(206) 08139 - 08173 (T206) 08260 - 08361	01
PI1006	225555-6	COAX CONNECTOR - NAV ANTENNA COUPLER (ZONE 210)	V00779	(206) 08139 - 08173 (T206) 08260 - 08361	01
PT303	030-01094-0051	CONNECTOR - INTEGRATED AVIONIC #1 (ZONE 310)	V22373	(206) 08139 - 08173 (T206) 08260 - 08361	01
PV1001	UG88C/U	CONNECTOR - NAVIGATION ANTENNA (ZONE 340)	V07688	(206) 08139 - 08173 (T206) 08260 - 08361	01
PV1002	UG88C/U	CONNECTOR - VERTICAL TAIL DISCONNECT (ZONE 340) FOR SPARES ORDER (MUST REPLACE WITH): S3284-1	V07688	(206) 08139 - 08173 (T206) 08260 - 08361	01
	S3284-1	CONNECTOR	V07688	(206) 08139 - 08173 (T206) 08260 - 08361	01
UI510	069-01032-0101	RECEIVER - KX-155A NAV/COMM #1	V22373	(206) 08139 - 08173 (T206) 08260 - 08361	01
UI511	069-01032-0101	RECEIVER - KX-155A NAV/COMM #1 (ZONE 225)	V22373	(206) 08139 - 08173 (T206) 08260 - 08361	01
UI516	066-01176-0101	PANEL - AUDIO	V22373	(206) 08139 - 08173 (T206) 08260 - 08361	01
UI704	MD41-229	SELECTOR - GPS/NAV	V59742	(206) 08139 - 08173 (T206) 08260 - 08361	01
UI705	MD41-229	SELECTOR - GPS/NAV	V59742	(206) 08139 - 08173 (T206) 08260 - 08361	01
UI1003	S2473-1	COUPLER - NAV ANTENNA (ZONE 210)		(206) 08139 - 08173 (T206) 08260 - 08361	01
UT303	066-4009-00	CONVERTER - NAV	V22373	(206) 08139 - 08173 (T206) 08260 - 08361	01
UV1001	C598504-0201	ANTENNA - NAVIGATION (ZONE 340)		(206) 08139 - 08173 (T206) 08260 - 08361	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 03 : Sheet 01 : KX-155A NAV/COMM 1 WITH CENTURY HSI



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

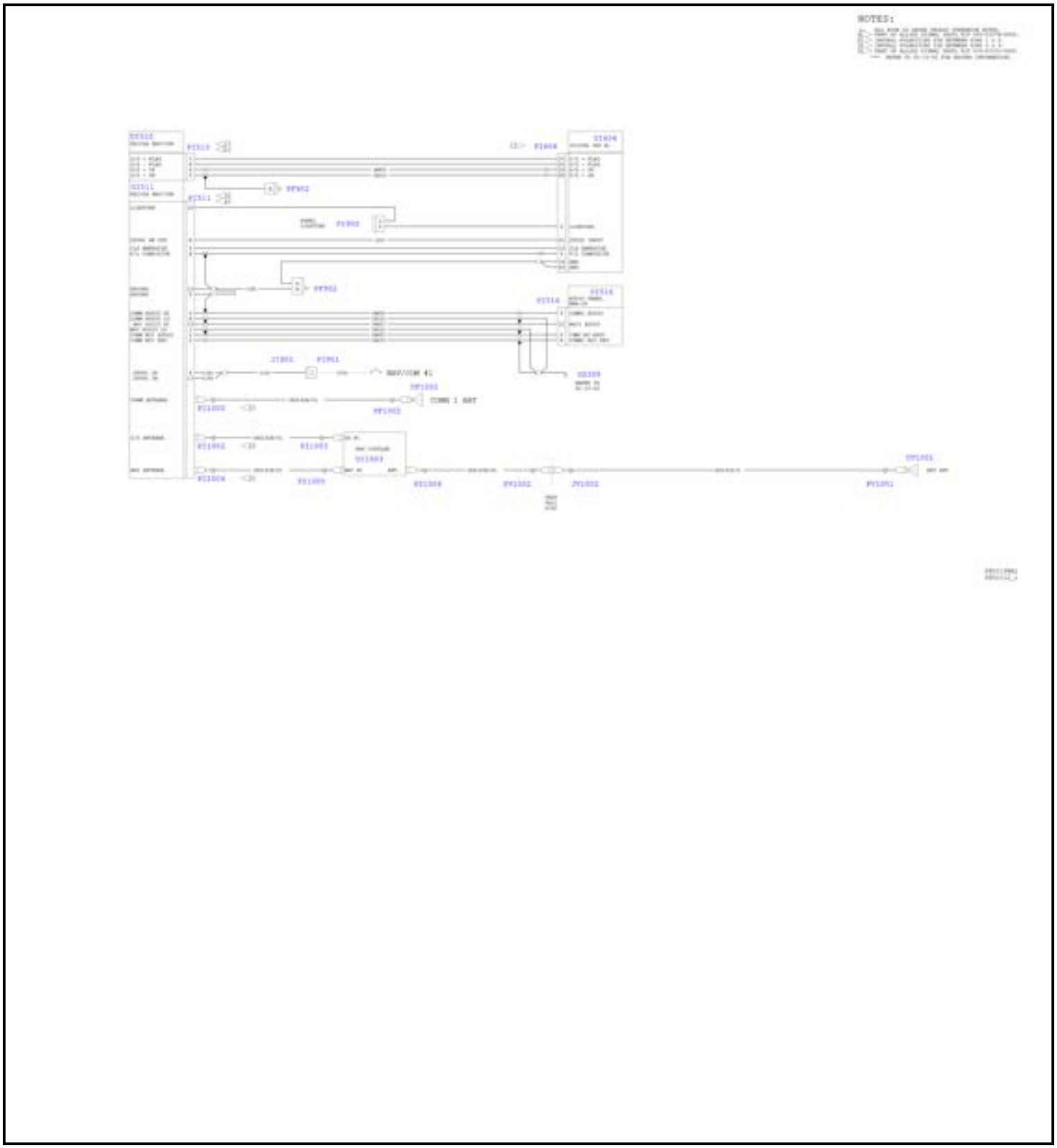
KX-155A NAV/COMM 1 WITH CENTURY HSI

AIRPLANES (206) 08139 & ON AND AIRPLANES (T206) 08260 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GS309	3940359-2	GROUND STUD (ZONE 224)		(206) 08139 & ON (T206) 08260 & ON	01
JI901	S2350-3	RECEPTACLE - AVIONICS CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08139 & ON (T206) 08260 & ON	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
JV1002	S2046-3	JACK - VERTICAL STABILIZER DISCONNECT (ZONE 340)		(206) 08139 & ON (T206) 08260 & ON	01
PF902	030-02000-0000	CONNECTOR (ZONE 225)	V22373	(206) 08139 & ON (T206) 08260 & ON	01
	FC116N2	. CONTACT	V28198		02
	FC120N1	. CONTACT	V28198		02
	FC120N2	. CONTACT	V28198		02
	FC120N3	. CONTACT	V28198		03
PF1002	UG913A/U	COAX CONNECTOR - COMM 1 ANTENNA (ZONE 210)	V07688	(206) 08139 & ON (T206) 08260 & ON	01
PI510	030-01094-0060	CONNECTOR - AUDIO PANEL (ZONE 225)	V22373	(206) 08139 & ON (T206) 08260 & ON	01
PI511	030-01094-0088	CONNECTOR - KX-155A NAVIGATION/COMMUNICATION (ZONE 225)	V22373	(206) 08139 & ON (T206) 08260 & ON	01
PI516	050-01094-0058	CONNECTOR - KMA 28 AUDIO PANEL		(206) 08139 & ON (T206) 08260 & ON	01
PI604	030-01176-0000	CONNECTOR - KI-209A CDI INDICATOR #1 (ZONE 220)	V22373	(206) 08139 & ON (T206) 08260 & ON	01
PI900	S3070-9	CONNECTOR KIT - PANEL LIGHTING (ZONE 225)	V49367	(206) 08139 & ON (T206) 08260 & ON	01
	LMD6106P	. MODULE	V49367		01
	LMS01T-TL	. SPLICE	V49367		01
PI901	S2349-1	PLUG - AVIONICS CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)	V00779	(206) 08001 - 08350 (T206) 08001 - 09076	01
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
PI1000	030-00101-0002	CONNECTOR - COMM 1 ANTENNA (ZONE 310)	V22373	(206) 08139 & ON (T206) 08260 & ON	01
PI1002	030-00101-0002	CONNECTOR - GLIDESLOPE ANTENNA (ZONE 225)	V22373	(206) 08139 & ON (T206) 08260 & ON	01
PI1003	UG88C/U	CONNECTOR - GLIDESLOPE #1 COUPLER (ZONE 340) FOR SPARES ORDER (MUST REPLACE WITH): S3284-1	V07688	(206) 08139 & ON (T206) 08260 & ON	01
	S3284-1	CONNECTOR	V07688	(206) 08139 & ON (T206) 08260 & ON	01
PI1004	030-00101-0002	CONNECTOR - NAVIGATION ANTENNA (ZONE 225)	V22373	(206) 08139 & ON (T206) 08260 & ON	01
PI1005	UG88C/U	CONNECTOR - NAV #1 COUPLER (ZONE 210)	V07688	(206) 08139 & ON (T206) 08260 & ON	01
PI1006	225555-6	COAX CONNECTOR - NAV ANTENNA COUPLER (ZONE 210)	V00779	(206) 08139 & ON (T206) 08260 & ON	01
PV1001	UG88C/U	CONNECTOR - NAVIGATION ANTENNA (ZONE 340)	V07688	(206) 08139 & ON (T206) 08260 & ON	01
PV1002	UG88C/U	CONNECTOR - VERTICAL TAIL DISCONNECT (ZONE 340) FOR SPARES ORDER (MUST REPLACE WITH): S3284-1	V07688	(206) 08139 & ON (T206) 08260 & ON	01
	S3284-1	CONNECTOR	V07688	(206) 08139 & ON (T206) 08260 & ON	01
UF1002	CI-128A	ANTENNA - COMM (ZONE 210) FOR SPARES ORDER (MUST REPLACE WITH): CI248-6	V51351	(206) 08139 & ON (T206) 08260 & ON	01
	CI248-6	ANTENNA	V51351	(206) 08139 & ON (T206) 08260 & ON	01
UI510	S3100-179	RECEIVER - KX-155A NAV/COMM #1		(206) 08139 & ON (T206) 08260 & ON	01
UI511	S3100-179	RECEIVER - KX-155A NAV/COMM #1		(206) 08139 & ON (T206) 08260 & ON	01
UI516	066-01176-0101	PANEL - AUDIO	V22373	(206) 08139 & ON (T206) 08260 & ON	01
UI604	S3100-159	INDICATOR - NAV (ZONE 225)	V22373	(206) 08139 & ON (T206) 08260 & ON	01
UI1003	S2473-1	COUPLER - NAV ANTENNA (ZONE 210)		(206) 08139 & ON (T206) 08260 & ON	01
UV1001	C598504-0201	ANTENNA - NAVIGATION (ZONE 340)		(206) 08139 & ON (T206) 08260 & ON	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 04 : Sheet 01 : KX-155A NAV/COMM 1 WITH CENTURY HSI



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

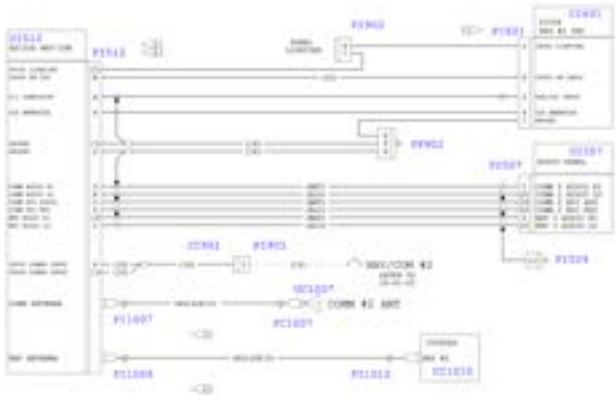
KX-155A NAV/COMM 2

AIRPLANES (206) 08001 THRU 08138 AND AIRPLANES (T206) 08001 THRU 08259

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
JI901	S2350-3	RECEPTACLE - AVIONICS CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08001 - 08138 (T206) 08001 - 08259	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PC1007	UG913A/U	COAX CONNECTOR - COMM 2 ANTENNA	V07688	(206) 08001 - 08138 (T206) 08001 - 08259	01
PF902	SK2701	CONNECTOR - GROUND (ZONE 211)	V28198	(206) 08001 - 08138 (T206) 08001 - 08259	01
	FC116N2	. CRIMP CONTACT	V28198		AR
	FC120N2	. CRIMP CONTACT	V28198		AR
PI507	030-01176-0001	CONNECTOR - AUDIO PANEL (ZONE 225) * AIRPLANES (206) 08001 THRU 08089 INCORPORATING SB00-24-02	V22373	(206) *08001 - 08089 (T206) 08001 - 08158	01
PI509	030-01094-0004	CONNECTOR - AUDIO PANEL (ZONE 224)	V22373	(206) 08001 - 08138 (T206) 08001 - 08259	01
PI512	030-01094-0088	CONNECTOR - KX-55A NAV/COM (ZONE 225)	V22373	(206) 08001 - 08138 (T206) 08001 - 08259	01
PI601	030-02227-005	CONNECTOR - AUDIO PANEL (ZONE 225)	V22373	(206) 08001 - 08138 (T206) 08001 - 08259	01
PI900	S3070-9	CONNECTOR KIT - PANEL LIGHTING (ZONE 225)	V49367	(206) 08001 - 08138 (T206) 08001 - 08259	01
	LMD6106P	. MODULE	V49367		01
	LMS01T-TL	. SPLICE	V49367		01
PI901	S2349-1	PLUG - AVIONICS CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)	V00779	(206) 08001 - 08350 (T206) 08001 - 09076	01
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
PI1007	030-00101-0002	CONNECTOR - COMM 2 ANTENNA (ZONE 310)	V22373	(206) 08001 - 08138 (T206) 08001 - 08259	01
PI1009	030-00101-0002	CONNECTOR - NAV 2 ANTENNA (ZONE 225)	V22373	(206) 08001 - 08138 (T206) 08001 - 08259	01
PI1010	UG88C/U	CONNECTOR - NAV ANTENNA COUPLER (ZONE 210) FOR SPARES ORDER (MUST REPLACE WITH): S3284-1	V07688	(206) 08001 - 08138 (T206) 08001 - 08259	01
	S3284-1	CONNECTOR	V07688	(206) 08001 - 08138 (T206) 08001 - 08259	01
UC1007	CI-128A	ANTENNA - COMM #2	V51351	(206) 08001 - 08138 (T206) 08001 - 08259	01
UI507	066-01155-0201	PANEL - AUDIO	V22373	(206) 08001 - 08138 (T206) 08001 - 08259	01
UI512		RECEIVER NAV/COMM #2 - NAV/COMM #2			RF
UI512	069-01032-0201	RECEIVER - NAV/COMM #2	V22373	(206) 08001 - 08044 (206) 08082 - 08138 (T206) 08001 - 08078 (T206) 08143 - 08259	01
UI512	S3100-155	RECEIVER - NAV/COMM #2	V22373	(206) 08045 - 08081 (T206) 08079 - 08142	01
UI601	066-03056-0011	INDICATOR - NAV #2	V22373	(206) 08001 - 08061 (T206) 08001 - 08096	01
UI601	S3100-114	INDICATOR - NAV #2	V22373	(206) 08062 - 08062 (T206) 08097 - 08097	01
UI601	S3100-158	INDICATOR - NAV #2	V22373	(206) 08063 & ON (T206) 08098 & ON	01
UI1010	S2473-1	COUPLER - ANTENNA		(206) 08001 - 08138 (T206) 08001 - 08259	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 01 : Sheet 01 : KX-155A NAV/COMM 2



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

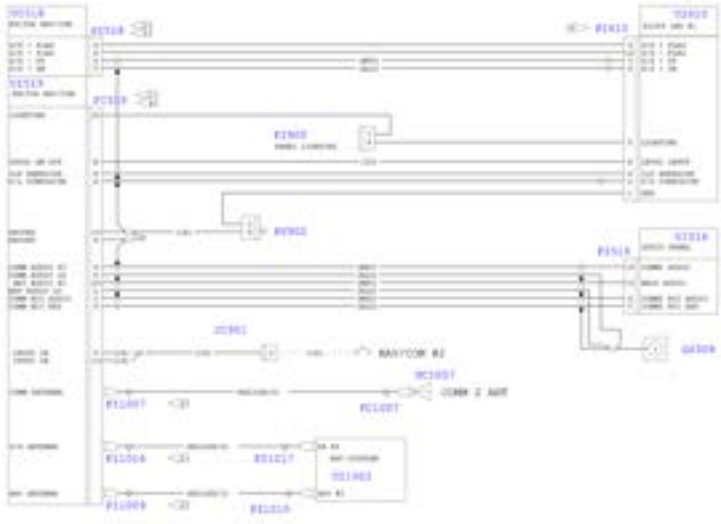
KX-155A NAV/COMM 2

AIRPLANES (206) 08139 & ON AND AIRPLANES (T206) 08260 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GS309	3940359-2	GROUND STUD (ZONE 224)		(206) 08139 & ON (T206) 08260 & ON	01
JI901	S2350-3	RECEPTACLE - AVIONICS CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08139 & ON (T206) 08260 & ON	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PC1007	UG913A/U	COAX CONNECTOR - COMM 2 ANTENNA	V07688	(206) 08139 & ON (T206) 08260 & ON	01
PF902	SK2701	CONNECTOR - GROUND (ZONE 211)	V28198	(206) 08139 & ON (T206) 08260 & ON	01
	FC116N2	. CRIMP CONTACT	V28198		AR
	FC120N2	. CRIMP CONTACT	V28198		AR
PI516	050-01094-0058	CONNECTOR - KMA 28 AUDIO PANEL		(206) 08139 & ON (T206) 08260 & ON	01
PI518	030-01094-0060	CONNECTOR - AUDIO PANEL (ZONE 225)	V22373	(206) 08139 & ON (T206) 08260 & ON	01
PI519		CONNECTOR - AUDIO PANEL (ZONE 225)			RF
PI610	030-02227-005	CONNECTOR - AUDIO PANEL (ZONE 225)	V22373	(206) 08139 & ON (T206) 08260 & ON	01
PI900	S3070-9	CONNECTOR KIT - PANEL LIGHTING (ZONE 225)	V49367	(206) 08139 & ON (T206) 08260 & ON	01
	LMD6106P	. MODULE	V49367		01
	LMS01T-TL	. SPLICE	V49367		01
PI1007	030-00101-0002	CONNECTOR - COMM 2 ANTENNA (ZONE 310)	V22373	(206) 08139 & ON (T206) 08260 & ON	01
PI1009	030-00101-0002	CONNECTOR - NAV 2 ANTENNA (ZONE 225)	V22373	(206) 08139 & ON (T206) 08260 & ON	01
PI1010	UG88C/U	CONNECTOR - NAV ANTENNA COUPLER (ZONE 210) FOR SPARES ORDER (MUST REPLACE WITH): S3284-1	V07688	(206) 08139 & ON (T206) 08260 & ON	01
	S3284-1	CONNECTOR	V07688	(206) 08139 & ON (T206) 08260 & ON	01
PI1016	030-00101-0002	CONNECTOR - GLIDESLOPE ANTENNA (ZONE 225)	V22373	(206) 08139 & ON (T206) 08260 & ON	01
PI1017	UG88C/U	CONNECTOR - ANTENNA (ZONE 340)	V07688	(206) 08139 & ON (T206) 08260 & ON	01
UC1007	CI-128A	ANTENNA - COMM #2	V51351	(206) 08139 & ON (T206) 08260 & ON	01
UI516	066-01176-0101	PANEL - AUDIO	V22373	(206) 08139 & ON (T206) 08260 & ON	01
UI518	S3100-178	RECEIVER - NAV/COMM #2	V22373	(206) 08139 & ON (T206) 08260 & ON	01
UI519	S3100-178	RECEIVER - NAV/COMM #2	V22373	(206) 08139 & ON (T206) 08260 & ON	01
UI610	066-03056-0011	INDICATOR - KI209 GLIDESLOPE (ZONE 220)	V22373	(206) 08139 & ON (T206) 08260 & ON	01
UI1003	S2473-1	COUPLER - NAV ANTENNA (ZONE 210)		(206) 08139 & ON (T206) 08260 & ON	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 02 : Sheet 01 : KX-155A NAV/COMM 2



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

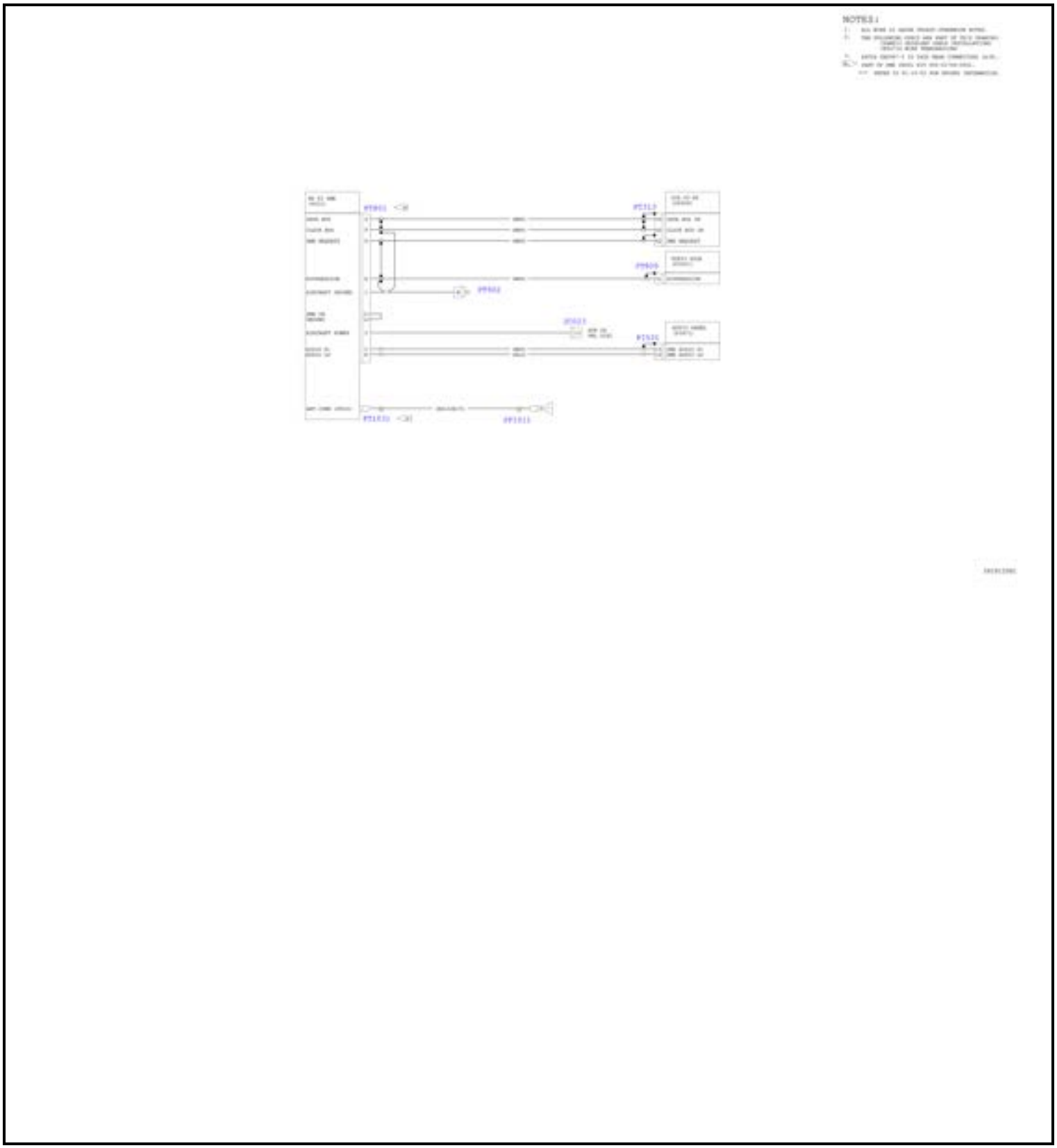
KN63 DME - WITH NAV III

AIRPLANES (206) 08257 THRU 08283 AND AIRPLANES (T206) 08585 THRU 08704

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
JC023	S2350-10	CONNECTOR - AVIONIC CIRCUIT BREAKER DISCONNECT		(206) 08257 - 08283 (T206) 08585 - 08704	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
	S2353-7	. PIN			AR
PF1011	UG88C/U	CONNECTOR	V07688	(206) 08257 - 08283 (T206) 08585 - 08704	01
PI531	330-00185-78	CONNECTOR - AUDIO PANEL	V0TRC3	(206) 08257 - 08283 (T206) 08585 - 08704	01
PT313	330-0185-78	CONNECTOR		(206) 08257 - 08283 (T206) 08585 - 08704	01
PT800	011-01012-01	CONNECTOR	V0TRC3	(206) 08257 - 08283 (T206) 08585 - 08704	01
PT801	050-01766-0001	CONNECTOR - KN63 DME INSTALLATION KIT	V22373	(206) 08257 - 08283 (T206) 08585 - 08704	01
	088-00752-0000	. BACKSHELL	V22373		01
	030-01094-0056	. CONNECTOR	V22373		01
	030-01107-0015	. CONTACT	V22373		AR
PT902	SK2701	CONNECTOR	V28198	(206) 08257 - 08283 (T206) 08585 - 08704	01
	FC120N2	. CONTACT	V28198		AR
PT1031	030-00005-0000	BNC CONNECTOR	V22373	(206) 08257 - 08283 (T206) 08585 - 08704	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 01 : Sheet 01 : KN63 DME - WITH NAV III



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

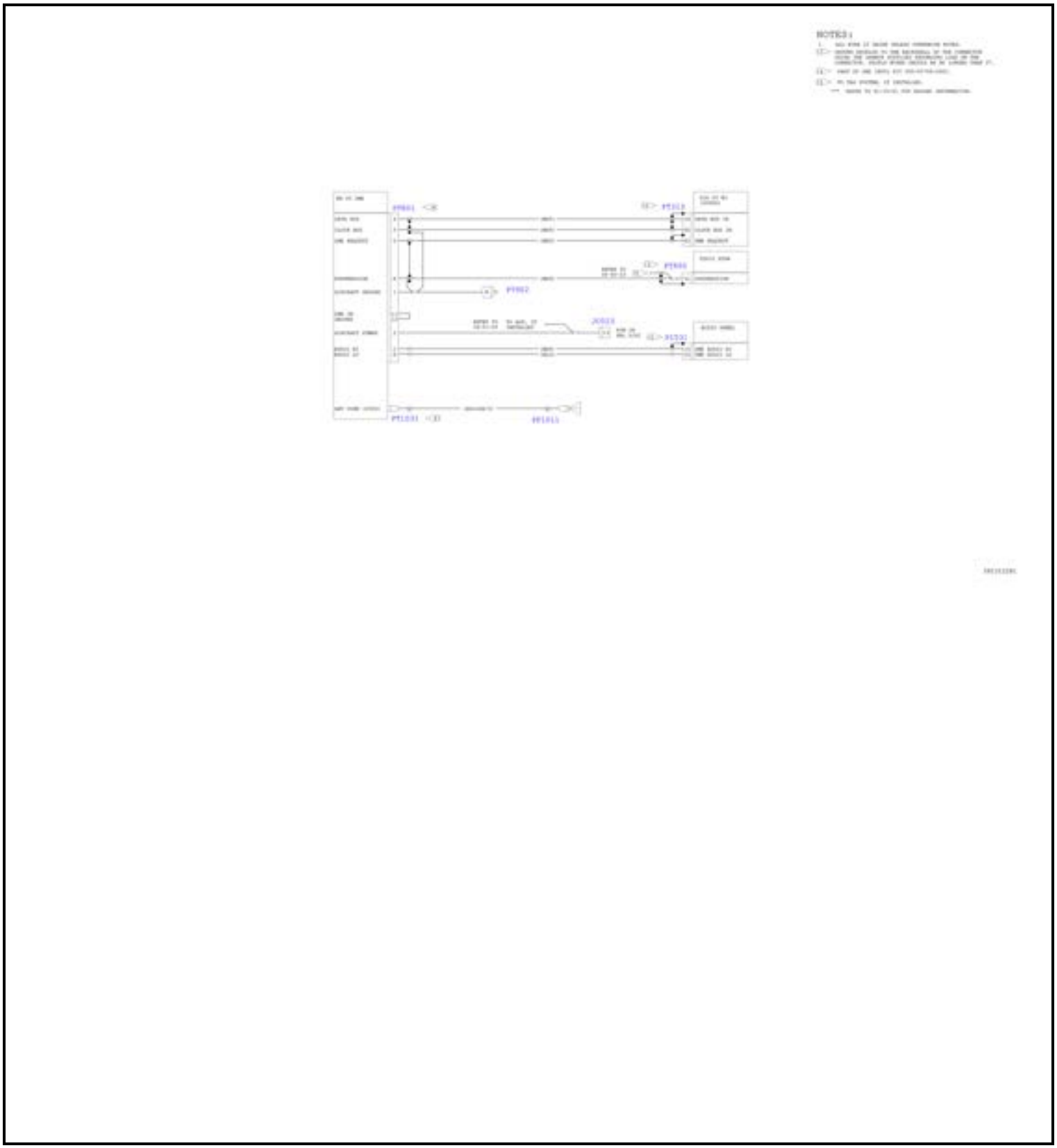
KN63 DME - WITH NAV III

AIRPLANES (206) 08284 & ON AND AIRPLANES (T206) 08705 THRU 09762

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
JC023	S2350-10	CONNECTOR - AVIONIC CIRCUIT BREAKER DISCONNECT		(206) 08284 & ON (T206) 08705 - 09762	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
	S2353-7	. PIN			AR
PF1011	UG88C/U	CONNECTOR	V07688	(206) 08284 & ON (T206) 08705 - 09762	01
PI531	330-00185-78	CONNECTOR - AUDIO PANEL	V0TRC3	(206) 08284 & ON (T206) 08705 - 09762	01
PT313	330-0185-78	CONNECTOR		(206) 08284 & ON (T206) 08705 - 09762	01
PT800	011-01012-01	CONNECTOR	V0TRC3	(206) 08284 & ON (T206) 08705 - 09762	01
PT801	050-01766-0001	CONNECTOR - KN63 DME INSTALLATION KIT	V22373	(206) 08284 & ON (T206) 08705 - 09762	01
	088-00752-0000	. BACKSHELL	V22373		01
	030-01094-0056	. CONNECTOR	V22373		01
	030-01107-0015	. CONTACT	V22373		AR
PT902	SK2701	CONNECTOR	V28198	(206) 08284 & ON (T206) 08705 - 09762	01
	FC120N2	. CONTACT	V28198		AR
PT1031	030-00005-0000	BNC CONNECTOR	V22373	(206) 08284 & ON (T206) 08705 - 09762	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 02 : Sheet 01 : KN63 DME - WITH NAV III



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

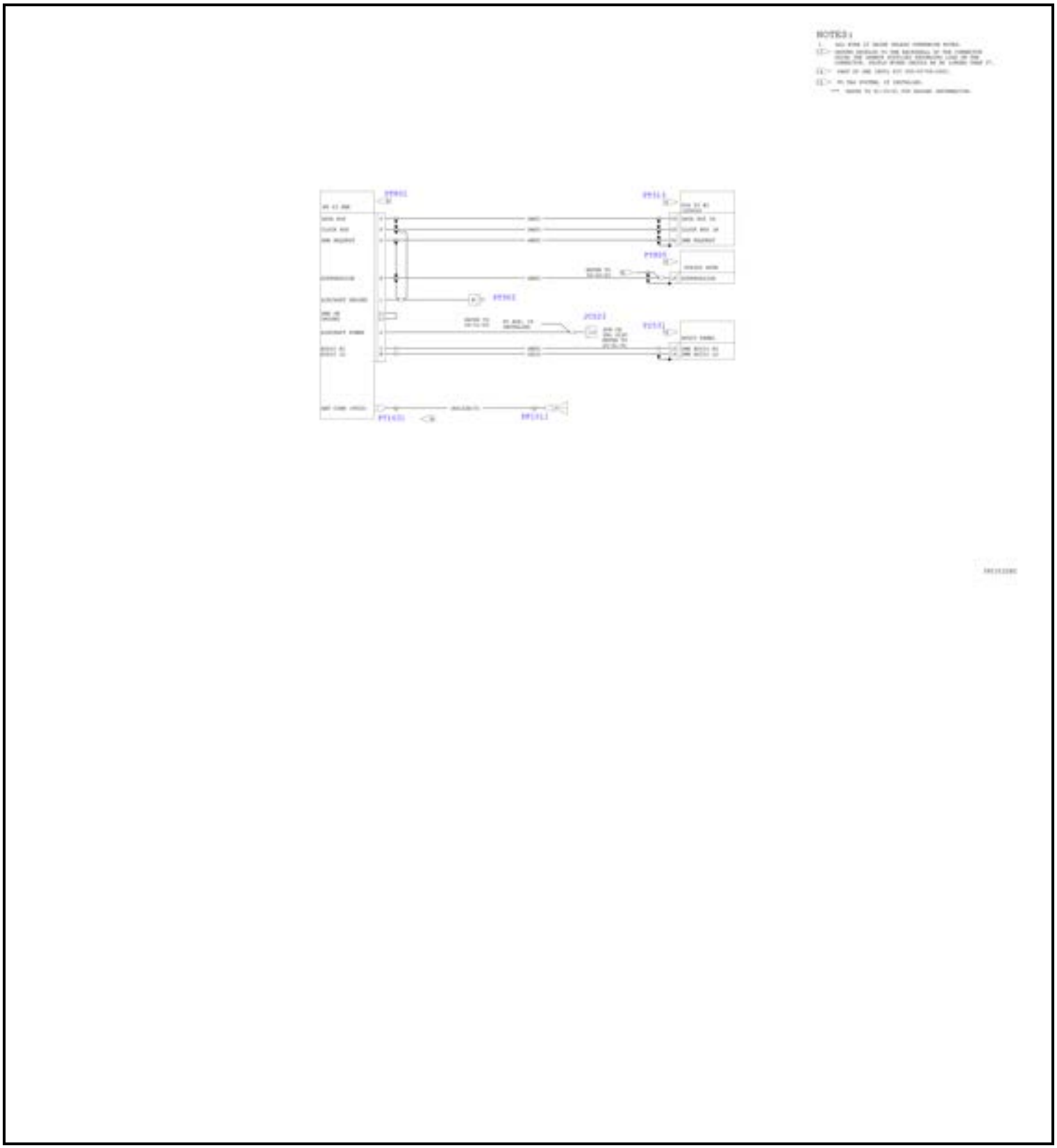
KN63 DME - WITH NAV III

AIRPLANES (T206) 09763 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
JC023	S2350-10	CONNECTOR - AVIONIC CIRCUIT BREAKER DISCONNECT		(T206) 09763 & ON	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
	S2353-7	. PIN			AR
PF1011	UG88C/U	CONNECTOR	V07688	(T206) 09763 & ON	01
PI531		CONNECTOR			RF
PT313	330-0185-78	CONNECTOR		(T206) 09763 & ON	01
PT801	050-01766-0001	CONNECTOR - KN63 DME INSTALLATION KIT	V22373	(T206) 09763 & ON	01
	088-00752-0000	. BACKSHELL	V22373		01
	030-01094-0056	. CONNECTOR	V22373		01
	030-01107-0015	. CONTACT	V22373		AR
PT805	330-00185-62	CONNECTOR	V0TRC3	(T206) 09763 & ON	01
	011-00950-03	. BACKSHELL	V0TRC3		01
	011-01169-01	. CONNECTOR	V0TRC3		01
	M39029/58-360	. CONTACT PIN	V0TRC3		01
PT902	SK2701	CONNECTOR	V28198	(T206) 09763 & ON	01
	FC120N2	. CONTACT	V28198		AR
PT1031	030-00005-0000	BNC CONNECTOR	V22373	(T206) 09763 & ON	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 03 : Sheet 01 : KN63 DME - WITH NAV III



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

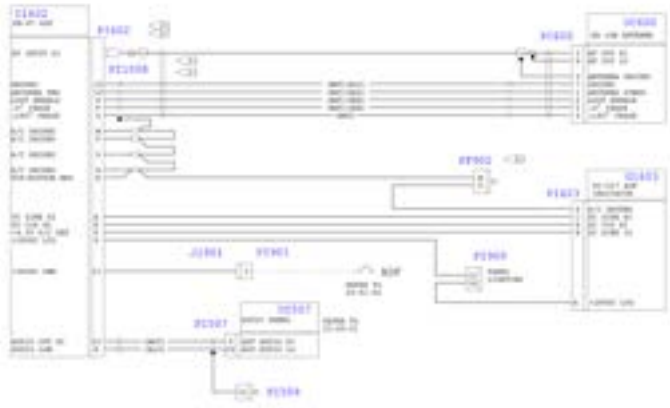
KR-87 AUTOMATIC DIRECTION FINDER

AIRPLANES (206) 08001 THRU 08138 AND AIRPLANES (T206) 08001 THRU 08259

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
JI901	S2350-3	RECEPTACLE - AVIONICS CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08001 - 08138 (T206) 08001 - 08259	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PC600	030-0101-00	CONNECTOR - KA 44B ANTENNA (ZONE 310)	V22373	(206) 08001 - 08138 (T206) 08001 - 08259	01
PF902	SK2701	CONNECTOR - GROUND (ZONE 211)	V28198	(206) 08001 - 08138 (T206) 08001 - 08259	01
	FC116N2	. CRIMP CONTACT	V28198		AR
	FC120N2	. CRIMP CONTACT	V28198		AR
PI507	030-01176-0001	CONNECTOR - AUDIO PANEL (ZONE 225) * AIRPLANES (206) 08001 THRU 08089 INCORPORATING SB00-24-02	V22373	(206) *08001 - 08089 (T206) 08001 - 08158	01
PI509	030-01094-0004	CONNECTOR - AUDIO PANEL (ZONE 224)	V22373	(206) 08001 - 08138 (T206) 08001 - 08259	01
PI602	030-01094-0051	CONNECTOR - ADF RECEIVER (ZONE 225)	V22373	(206) 08001 - 08138 (T206) 08001 - 08259	01
PI603	030-02000-0000	CONNECTOR - ADF INDICATOR (ZONE 220)	V22373	(206) 08001 - 08138 (T206) 08001 - 08259	01
PI900	S3070-9	CONNECTOR KIT - PANEL LIGHTING (ZONE 225)	V49367	(206) 08001 - 08138 (T206) 08001 - 08259	01
	LMD6106P	. MODULE	V49367		01
	LMS01T-TL	. SPLICE	V49367		01
PI901	S2349-1	PLUG - AVIONICS CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)	V00779	(206) 08001 - 08350 (T206) 08001 - 09076	01
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
PI1008	030-00101-0000	CONNECTOR - TRIAX ADF RECIEVER (ZONE 225)	V22373	(206) 08001 - 08138 (T206) 08001 - 08259	01
UC600	071-1234-00	ANTENNA - KA-44B AUTOMATIC DIRECTION FINDER (ZONE 310) FOR SPARES ORDER (MUST REPLACE WITH): 071-01234-0000	V22373	(206) 08001 - 08138 (T206) 08001 - 08259	01
	071-01234-0000	ANTENNA	V22373	(206) 08001 - 08138 (T206) 08001 - 08259	01
UI507	066-01155-0201	PANEL - AUDIO	V22373	(206) 08001 - 08138 (T206) 08001 - 08259	01
UI602	066-1072-14	RECEIVER - KR-87 ADF (ZONE 225)	V22373	(206) 08001 - 08138 (T206) 08001 - 08259	01
UI603	066-3063-00	INDICATOR - KI-227 ADF	V22373	(206) 08001 - 08138 (T206) 08001 - 08259	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 01 : Sheet 01 : KR-87 AUTOMATIC DIRECTION FINDER



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

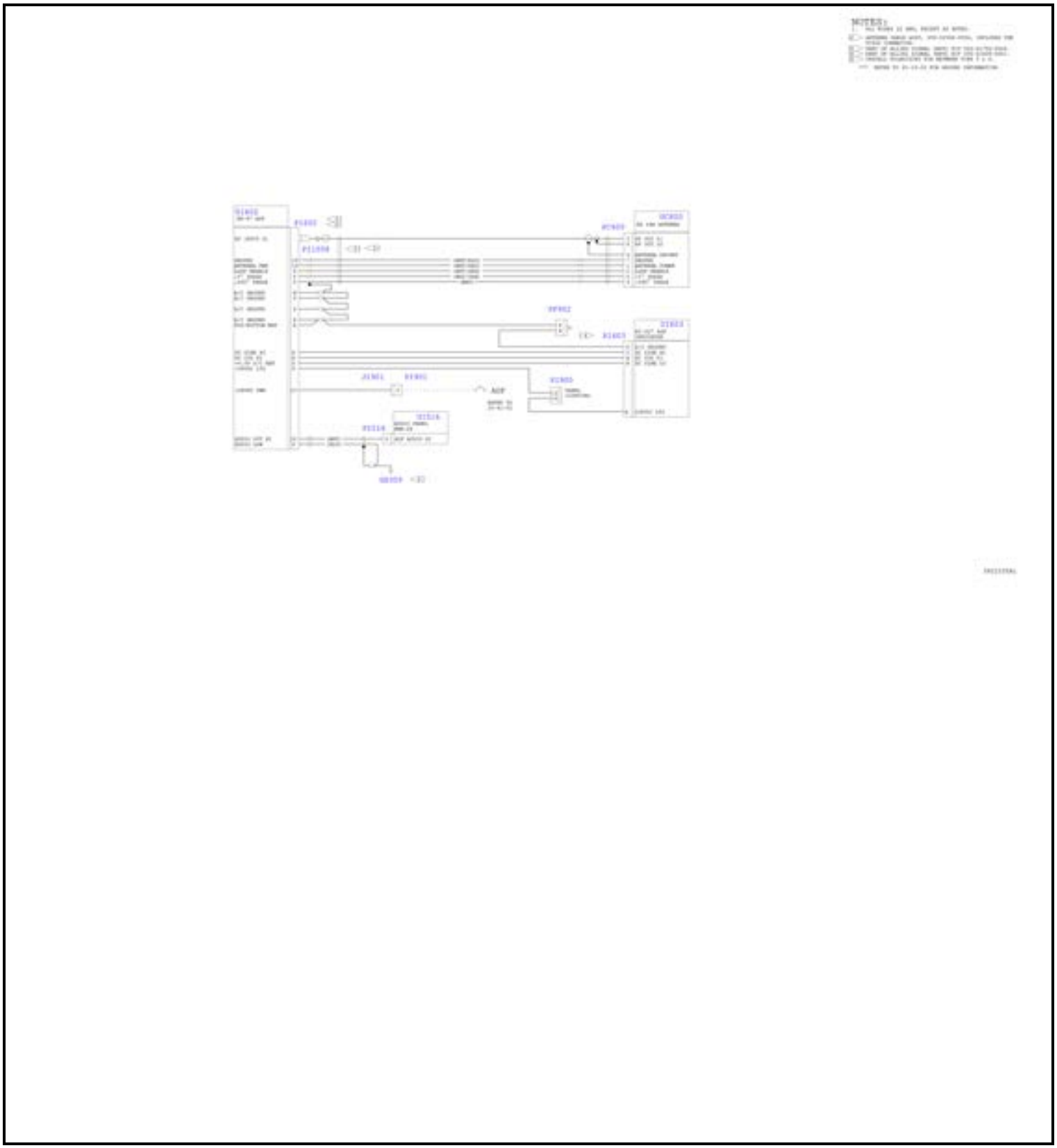
KR-87 AUTOMATIC DIRECTION FINDER

AIRPLANES (206) 08139 & ON AND AIRPLANES (T206) 08260 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GS309	3940359-2	GROUND STUD (ZONE 224)		(206) 08139 & ON (T206) 08260 & ON	01
JI901	S2350-3	RECEPTACLE - AVIONICS CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08139 & ON (T206) 08260 & ON	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PC600	030-0101-00	CONNECTOR - KA 44B ANTENNA (ZONE 310)	V22373	(206) 08139 & ON (T206) 08260 & ON	01
PF902	SK2701	CONNECTOR - GROUND (ZONE 211)	V28198	(206) 08139 & ON (T206) 08260 & ON	01
	FC116N2	. CRIMP CONTACT	V28198		AR
	FC120N2	. CRIMP CONTACT	V28198		AR
PI516	050-01094-0058	CONNECTOR - KMA 28 AUDIO PANEL		(206) 08139 & ON (T206) 08260 & ON	01
PI602	030-01094-0051	CONNECTOR - ADF RECEIVER (ZONE 225)	V22373	(206) 08139 & ON (T206) 08260 & ON	01
PI603	030-02000-0000	CONNECTOR - ADF INDICATOR (ZONE 220)	V22373	(206) 08139 & ON (T206) 08260 & ON	01
PI900	S3070-9	CONNECTOR KIT - PANEL LIGHTING (ZONE 225)	V49367	(206) 08139 & ON (T206) 08260 & ON	01
	LMD6106P	. MODULE	V49367		01
	LMS01T-TL	. SPLICE	V49367		01
PI901	S2349-1	PLUG - AVIONICS CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)	V00779	(206) 08001 - 08350 (T206) 08001 - 09076	01
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
PI1008	030-00101-0000	CONNECTOR - TRIAX ADF RECIEVER (ZONE 225)	V22373	(206) 08139 & ON (T206) 08260 & ON	01
UC600	071-1234-00	ANTENNA - KA-44B AUTOMATIC DIRECTION FINDER (ZONE 310) FOR SPARES ORDER (MUST REPLACE WITH): 071-01234-0000	V22373	(206) 08139 & ON (T206) 08260 & ON	01
	071-01234-0000	ANTENNA	V22373	(206) 08139 & ON (T206) 08260 & ON	01
UI516	066-01176-0101	PANEL - AUDIO	V22373	(206) 08139 & ON (T206) 08260 & ON	01
UI602	066-1072-14	RECEIVER - KR-87 ADF (ZONE 225)	V22373	(206) 08139 & ON (T206) 08260 & ON	01
UI603	066-3063-00	INDICATOR - KI-227 ADF	V22373	(206) 08139 & ON (T206) 08260 & ON	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 02 : Sheet 01 : KR-87 AUTOMATIC DIRECTION FINDER



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

KR-87 AUTOMATIC DIRECTION FINDER - WITH NAV III

AIRPLANES (206) 08257 & ON AND AIRPLANES (T206) 08585 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
JC023	S2350-10	CONNECTOR - AVIONIC CIRCUIT BREAKER DISCONNECT		(206) 08257 & ON (T206) 08585 & ON	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
	S2353-7	. PIN			AR
PF903	SK2701	CONNECTOR - GROUND (ZONE 221)	V28198	(206) 08257 & ON (T206) 08585 & ON	01
	FC116N2	. CONTACT	V28198	(206) 08215 - 08283 (T206) 08450 - 08704	AR
	FC120N2	. CONTACT	V28198		AR
PI531	330-00185-78	CONNECTOR - AUDIO PANEL	V0TRC3	(206) 08257 & ON (T206) 08585 & ON	01
PI602	030-01094-0051	CONNECTOR - ADF RECEIVER (ZONE 225)	V22373	(206) 08257 & ON (T206) 08585 & ON	01
PI900	S3070-9	CONNECTOR KIT - PANEL LIGHTING (ZONE 225)	V49367	(206) 08257 & ON (T206) 08585 & ON	01
	LMD6106P	. MODULE	V49367		01
	LMS01T-TL	. SPLICE	V49367		01
PT312	330-00185-78	CONNECTOR	V0TRC3	(206) 08257 & ON (T206) 08585 & ON	01
PT313	330-0185-78	CONNECTOR		(206) 08257 & ON (T206) 08585 & ON	01

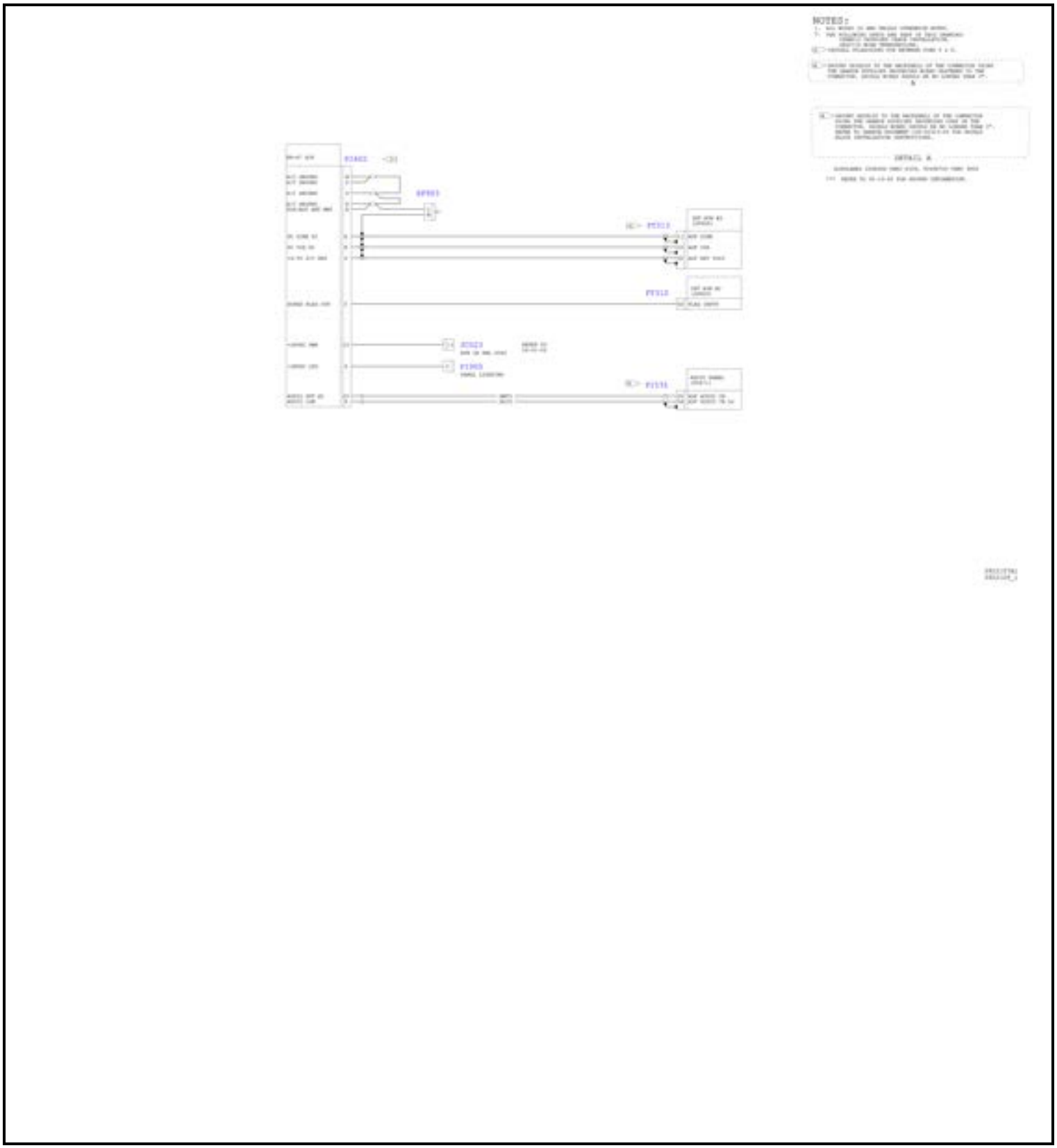
KR-87 AUTOMATIC DIRECTION FINDER - WITH NAV III

AIRPLANES (206) 08257 & ON AND AIRPLANES (T206) 08585 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
PC600	030-0101-00	CONNECTOR - KA 44B ANTENNA (ZONE 310)	V22373	(206) 08257 & ON (T206) 08585 & ON	01
PI602	030-01094-0051	CONNECTOR - ADF RECEIVER (ZONE 225)	V22373	(206) 08257 & ON (T206) 08585 & ON	01
PI1008	030-00101-0000	CONNECTOR - TRIAX ADF RECIEVER (ZONE 225)	V22373	(206) 08257 & ON (T206) 08585 & ON	01

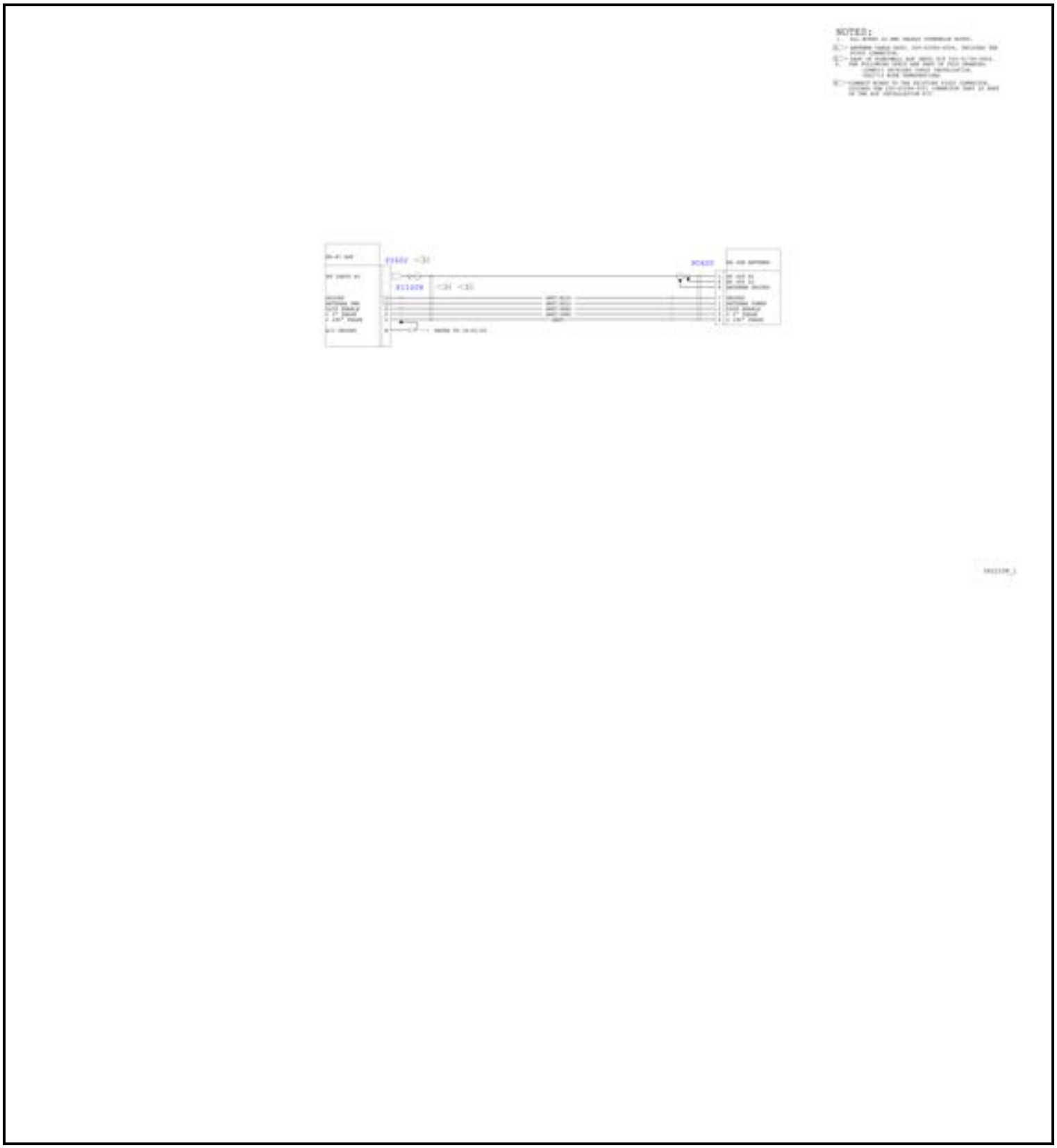
Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 01 : Sheet 01 : KR-87 AUTOMATIC DIRECTION FINDER - WITH NAV III



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 01 : Sheet 02 : KR-87 AUTOMATIC DIRECTION FINDER - WITH NAV III



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

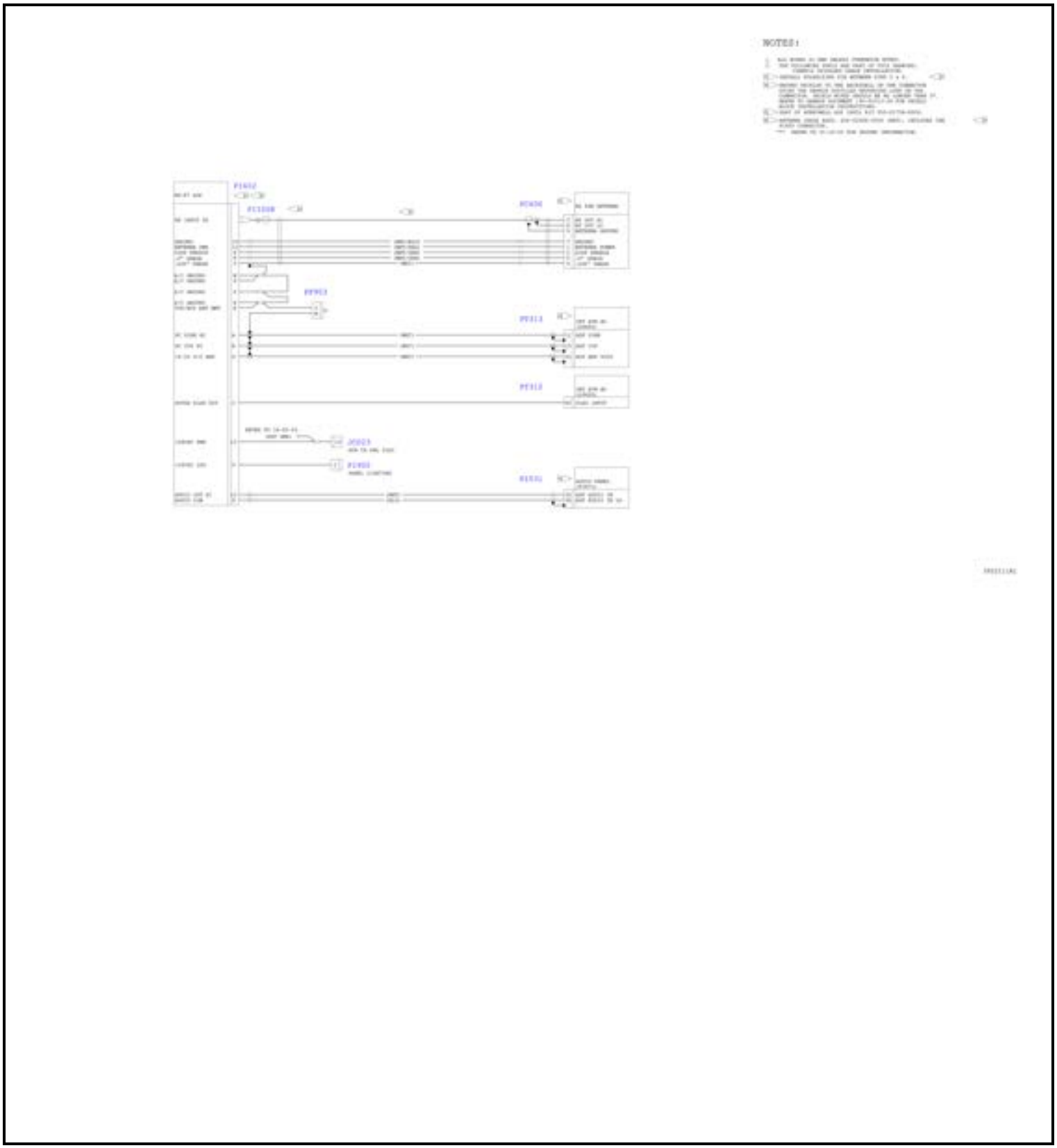
KR-87 AUTOMATIC DIRECTION FINDER - WITH NAV III

AIRPLANES (206) 08340 & ON AND AIRPLANES (T206) 09056 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
JC023	S2350-10	CONNECTOR - AVIONIC CIRCUIT BREAKER DISCONNECT		(206) 08340 & ON (T206) 09056 & ON	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
	S2353-7	. PIN			AR
PC600	030-0101-00	CONNECTOR - KA 44B ANTENNA (ZONE 310)	V22373	(206) 08340 & ON (T206) 09056 & ON	01
PF903	SK2701	CONNECTOR - GROUND (ZONE 221)	V28198	(206) 08340 & ON (T206) 09056 & ON	01
	FC116N2	. CONTACT	V28198	(206) 08215 - 08283 (T206) 08450 - 08704	AR
	FC120N2	. CONTACT	V28198		AR
PI531	330-00185-78	CONNECTOR - AUDIO PANEL	V0TRC3	(206) 08340 & ON (T206) 09056 & ON	01
PI602	030-01094-0051	CONNECTOR - ADF RECEIVER (ZONE 225)	V22373	(206) 08340 & ON (T206) 09056 & ON	01
PI900	S3070-9	CONNECTOR KIT - PANEL LIGHTING (ZONE 225)	V49367	(206) 08340 & ON (T206) 09056 & ON	01
	LMD6106P	. MODULE	V49367		01
	LMS01T-TL	. SPLICE	V49367		01
PI1008	030-00101-0000	CONNECTOR - TRIAX ADF RECIEVER (ZONE 225)	V22373	(206) 08340 & ON (T206) 09056 & ON	01
PT312	330-00185-78	CONNECTOR	V0TRC3	(206) 08340 & ON (T206) 09056 & ON	01
PT313	330-0185-78	CONNECTOR		(206) 08340 & ON (T206) 09056 & ON	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 02 : Sheet 01 : KR-87 AUTOMATIC DIRECTION FINDER - WITH NAV III



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

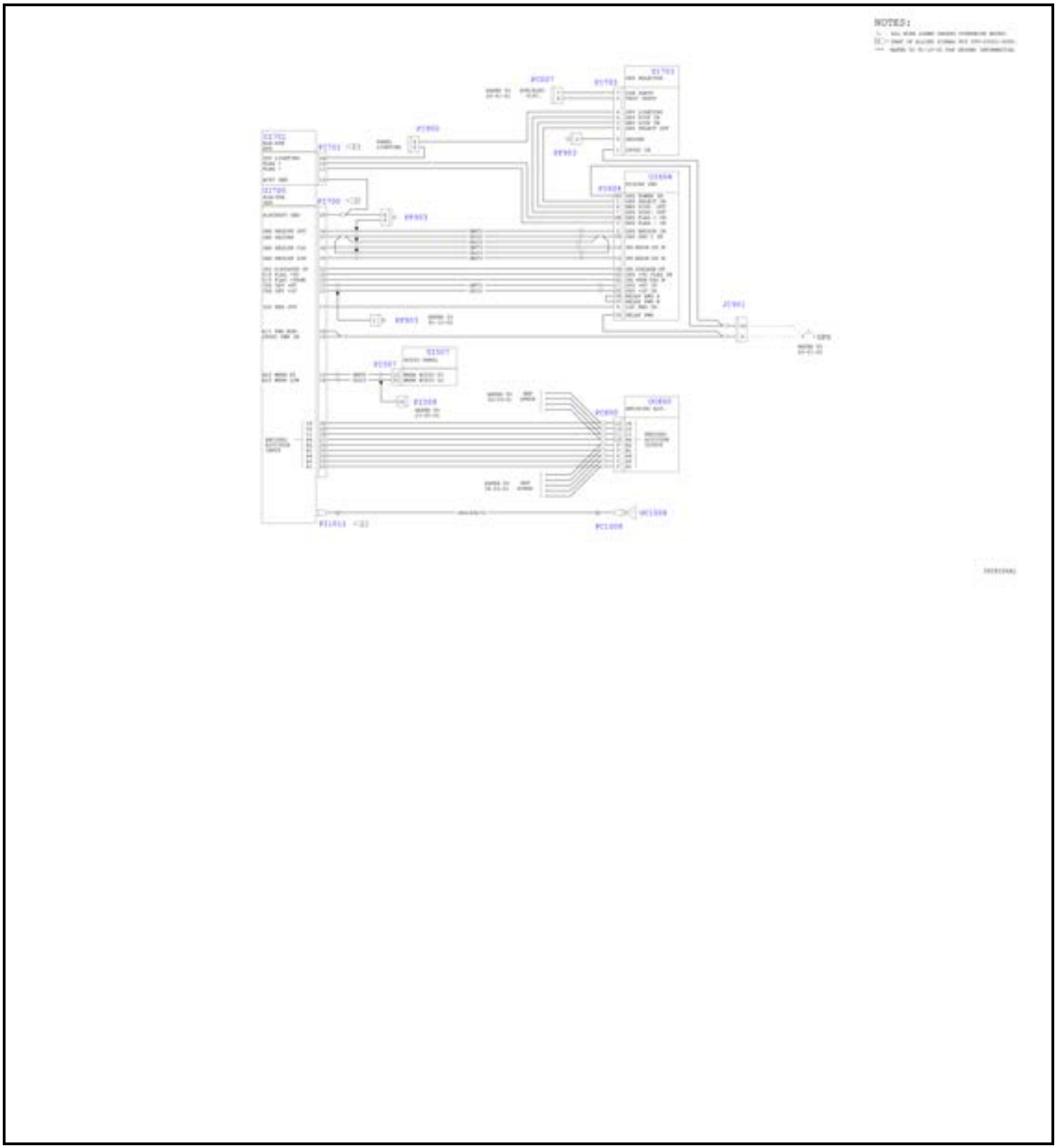
KLN-89 GLOBAL POSITIONING SYSTEM

AIRPLANES (206) 08001 THRU 08138

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
JI901	S2350-3	RECEPTACLE - AVIONICS CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08001 - 08138	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PC007	S1640-9	CONNECTOR - AVIONICS/ELECTRICAL DISCONNECT (ZONE 224)		(206) 08001 - 08138	01
	S1635-1	. CONTACT	V49367		AR
	S1636-1	. SOCKET			AR
PC800	M24308/2-2	CONNECTOR - ENCODONG ALTIMETER (ZONE 211)	V49367	(206) 08001 - 08138	01
	M24308/25-9	. SCREW LOCK ASSEMBLY			02
PC1008	225555-6	COAX CONNECTOR - ANTENNA COAX (ZONE 210)	V00779	(206) 08001 - 08138	01
	79125	. ADAPTOR	V74868		01
PF903	SK2701	CONNECTOR - GROUND (ZONE 221)	V28198	(206) 08001 - 08138	01
	FC116N2	. CONTACT	V28198	(206) 08215 - 08283 (T206) 08450 - 08704	AR
	FC120N2	. CONTACT	V28198		AR
PI507	030-01176-0001	CONNECTOR - AUDIO PANEL (ZONE 225) * AIRPLANES (206) 08001 THRU 08089 INCORPORATING SB00-24-02	V22373	(206) *08001 - 08089 (T206) 08001 - 08158	01
PI509	030-01094-0004	CONNECTOR - AUDIO PANEL (ZONE 224)	V22373	(206) 08001 - 08138	01
PI604	030-01176-0000	CONNECTOR - KI-209A CDI INDICATOR #1 (ZONE 220)	V22373	(206) 08001 - 08138	01
PI700	030-03271-0000	CONNECTOR - KLN-89B GLOBAL POSITIONING SYSTEM (ZONE 225)	V22373	(206) 08001 - 08138	01
PI701	030-03272-0000	CONNECTOR - KLN-94 GPS (ZONE 225)	V22373	(206) 08001 - 08138	01
PI703	RD9F00JVL0	CONNECTOR - GPS SELECTOR (ZONE 225)	V28198	(206) 08001 - 08138	01
	FC6020D	. CONTACT	V28198		AR
PI900	S3070-9	CONNECTOR KIT - PANEL LIGHTING (ZONE 225)	V49367	(206) 08001 - 08138	01
	LMD6106P	. MODULE	V49367		01
	LMS01T-TL	. SPLICE	V49367		01
PI1011	030-00101-0002	CONNECTOR - COAX (ZONE 225)	V22373	(206) 08001 - 08138	01
UC800		ALTIMETER - ENCODING (ZONE 211)			RF
UC1008	071-01553-0200	ANTENNA - GPS (ZONE 210)	V22373	(206) 08001 - 08138	01
UI507	066-01155-0201	PANEL - AUDIO	V22373	(206) 08001 - 08138	01
UI604	S3100-159	INDICATOR - NAV (ZONE 225)	V22373	(206) 08001 - 08138	01
UI700	069-01034-0102	RECEIVER - KLN-94 GPS (ZONE 225)	V22373	(206) 08001 - 08138	01
UI701	069-01034-0102	RECEIVER - KLN-94 GPS	V22373	(206) 08001 - 08138	01
UI703	MD41-230	SELECTOR - GPS/NAV (ZONE 225)	V59742	(206) 08001 - 08138	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 01 : Sheet 01 : KLN-89 GLOBAL POSITIONING SYSTEM



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

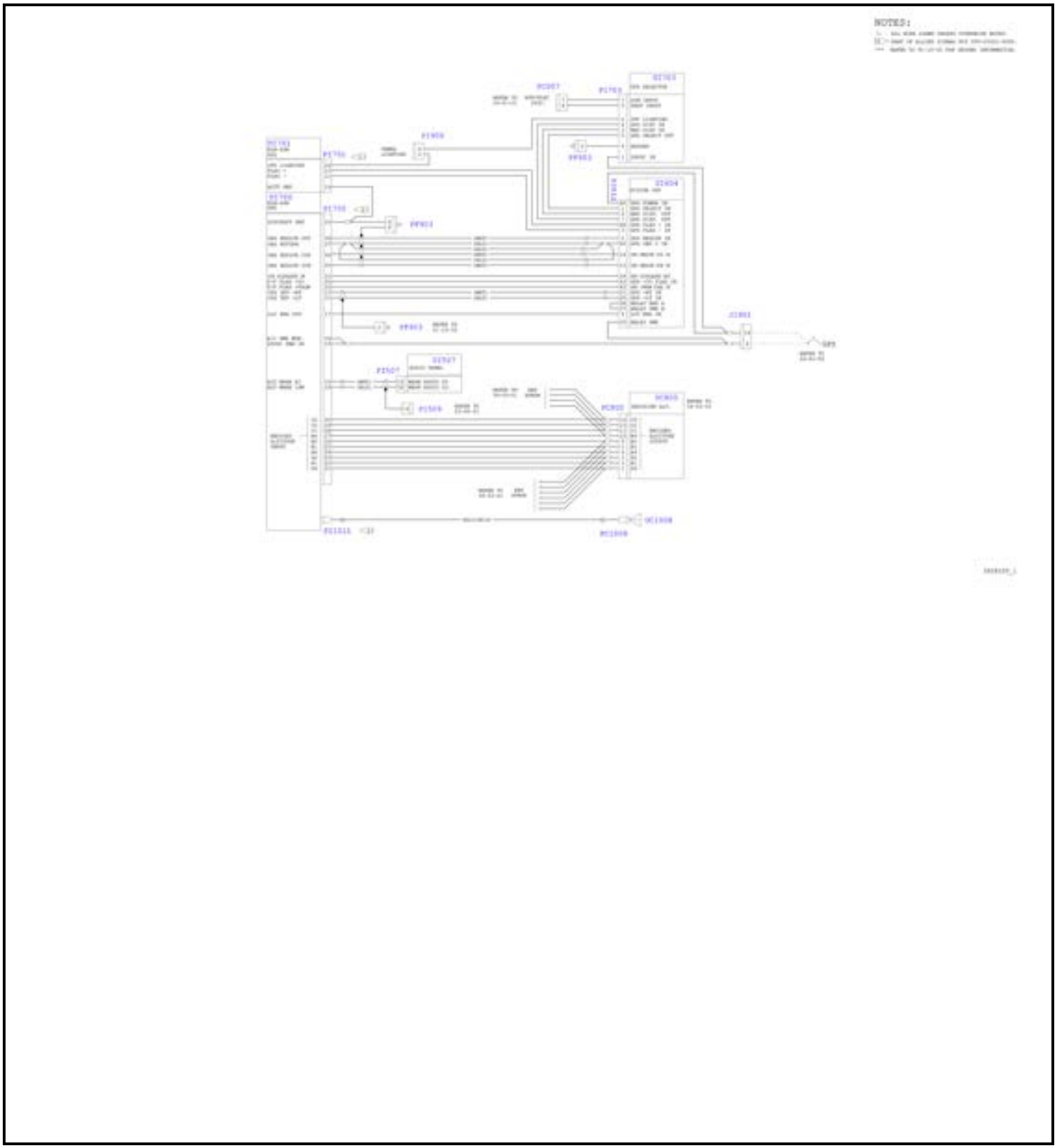
KLN-89 GLOBAL POSITIONING SYSTEM

AIRPLANES (T206) 08001 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
JI901	S2350-3	RECEPTACLE - AVIONICS CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(T206) 08001 & ON	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PC007	S1640-9	CONNECTOR - AVIONICS/ELECTRICAL DISCONNECT (ZONE 224)		(T206) 08001 & ON	01
	S1635-1	. CONTACT	V49367		AR
	S1636-1	. SOCKET			AR
PC800	M24308/2-2	CONNECTOR - ENCODONG ALTIMETER (ZONE 211)	V49367	(T206) 08001 & ON	01
	M24308/25-9	. SCREW LOCK ASSEMBLY			02
PC1008	225555-6	COAX CONNECTOR - ANTENNA COAX (ZONE 210)	V00779	(T206) 08001 & ON	01
	79125	. ADAPTOR	V74868		01
PF903	SK2701	CONNECTOR - GROUND (ZONE 221)	V28198	(T206) 08001 & ON	01
	FC116N2	. CONTACT	V28198	(206) 08215 - 08283 (T206) 08450 - 08704	AR
	FC120N2	. CONTACT	V28198		AR
PI507	030-01176-0001	CONNECTOR - AUDIO PANEL (ZONE 225) * AIRPLANES (206) 08001 THRU 08089 INCORPORATING SB00-24-02	V22373	(206) *08001 - 08089 (T206) 08001 - 08158	01
PI509	030-01094-0004	CONNECTOR - AUDIO PANEL (ZONE 224)	V22373	(T206) 08001 & ON	01
PI604	030-01176-0000	CONNECTOR - KI-209A CDI INDICATOR #1 (ZONE 220)	V22373	(T206) 08001 & ON	01
PI700	030-03271-0000	CONNECTOR - KLN-89B GLOBAL POSITIONING SYSTEM (ZONE 225)	V22373	(T206) 08001 & ON	01
PI701	030-03272-0000	CONNECTOR - KLN-94 GPS (ZONE 225)	V22373	(T206) 08001 & ON	01
PI703	RD9F00JVL0	CONNECTOR - GPS SELECTOR (ZONE 225)	V28198	(T206) 08001 & ON	01
	FC6020D	. CONTACT	V28198		AR
PI900	S3070-9	CONNECTOR KIT - PANEL LIGHTING (ZONE 225)	V49367	(T206) 08001 & ON	01
	LMD6106P	. MODULE	V49367		01
	LMS01T-TL	. SPLICE	V49367		01
PI1011	030-00101-0002	CONNECTOR - COAX (ZONE 225)	V22373	(T206) 08001 & ON	01
UC800		ALTIMETER - ENCODING (ZONE 211)			RF
UC1008	071-01553-0200	ANTENNA - GPS (ZONE 210)	V22373	(T206) 08001 & ON	01
UI507	066-01155-0201	PANEL - AUDIO	V22373	(T206) 08001 & ON	01
UI604	S3100-159	INDICATOR - NAV (ZONE 225)	V22373	(T206) 08001 & ON	01
UI700	069-01034-0102	RECEIVER - KLN-94 GPS (ZONE 225)	V22373	(T206) 08001 & ON	01
UI701	069-01034-0102	RECEIVER - KLN-94 GPS	V22373	(T206) 08001 & ON	01
UI703	MD41-230	SELECTOR - GPS/NAV (ZONE 225)	V59742	(T206) 08001 & ON	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 02 : Sheet 01 : KLN-89 GLOBAL POSITIONING SYSTEM



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

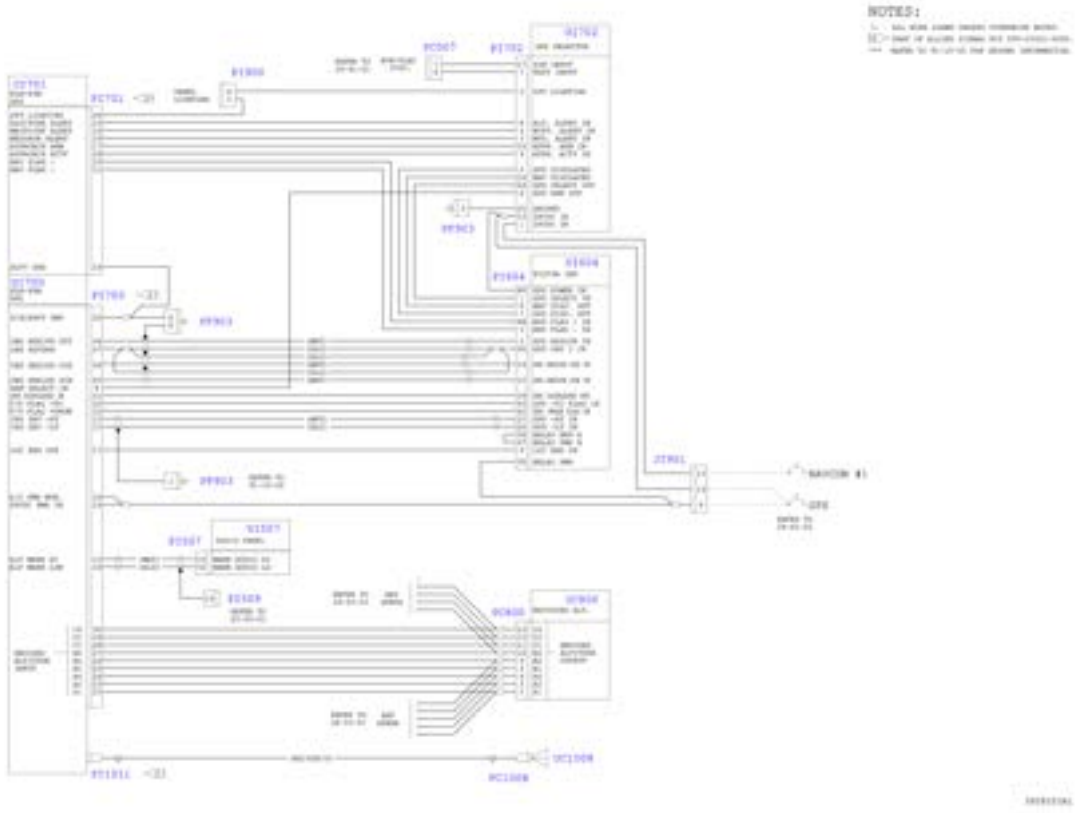
KLN-89B GLOBAL POSITIONING SYSTEM

AIRPLANES (206) 08001 THRU 08096 WITH NAV I OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
JI901	S2350-3	RECEPTACLE - AVIONICS CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08001 - 08096	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PC007	S1640-9	CONNECTOR - AVIONICS/ELECTRICAL DISCONNECT (ZONE 224)		(206) 08001 - 08096	01
	S1635-1	. CONTACT	V49367		AR
	S1636-1	. SOCKET			AR
PC800	M24308/2-2	CONNECTOR - ENCODONG ALTIMETER (ZONE 211)	V49367	(206) 08001 - 08096	01
	M24308/25-9	. SCREW LOCK ASSEMBLY			02
PC1008	225555-6	COAX CONNECTOR - ANTENNA COAX (ZONE 210)	V00779	(206) 08001 - 08096	01
	79125	. ADAPTOR	V74868		01
PF903	SK2701	CONNECTOR - GROUND (ZONE 221)	V28198	(206) 08001 - 08096	01
	FC116N2	. CONTACT	V28198	(206) 08215 - 08283 (T206) 08450 - 08704	AR
	FC120N2	. CONTACT	V28198		AR
PI507	030-01176-0001	CONNECTOR - AUDIO PANEL (ZONE 225) * AIRPLANES (206) 08001 THRU 08089 INCORPORATING SB00-24-02	V22373	(206) *08001 - 08089 (T206) 08001 - 08158	01
PI509	030-01094-0004	CONNECTOR - AUDIO PANEL (ZONE 224)	V22373	(206) 08001 - 08096	01
PI604	030-01176-0000	CONNECTOR - KI-209A CDI INDICATOR #1 (ZONE 220)	V22373	(206) 08001 - 08096	01
PI700	030-03271-0000	CONNECTOR - KLN-89B GLOBAL POSITIONING SYSTEM (ZONE 225)	V22373	(206) 08001 - 08096	01
PI701	030-03272-0000	CONNECTOR - KLN-94 GPS (ZONE 225)	V22373	(206) 08001 - 08096	01
PI702	RD25F00JVL0	CONNECTOR (ZONE 225)	V28198	(206) 08001 - 08096	01
	FC6020D	. CONTACT	V28198		AR
PI900	S3070-9	CONNECTOR KIT - PANEL LIGHTING (ZONE 225)	V49367	(206) 08001 - 08096	01
	LMD6106P	. MODULE	V49367		01
	LMS01T-TL	. SPLICE	V49367		01
PI1011	030-00101-0002	CONNECTOR - COAX (ZONE 225)	V22373	(206) 08001 - 08096	01
UC800		ALTIMETER - ENCODING (ZONE 211)			RF
UC1008	071-01553-0200	ANTENNA - GPS (ZONE 210)	V22373	(206) 08001 - 08096	01
UI507	066-01155-0201	PANEL - AUDIO	V22373	(206) 08001 - 08096	01
UI604	S3100-159	INDICATOR - NAV (ZONE 225)	V22373	(206) 08001 - 08096	01
UI700	069-01034-0102	RECEIVER - KLN-94 GPS (ZONE 225)	V22373	(206) 08001 - 08096	01
UI701	069-01034-0102	RECEIVER - KLN-94 GPS	V22373	(206) 08001 - 08096	01
UI702	MD41-230	SELECTOR - GPS (ZONE 220)	V59742	(206) 08001 - 08138 (T206) 08001 - 08259	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 01 : Sheet 01 : KLN-89B GLOBAL POSITIONING SYSTEM



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

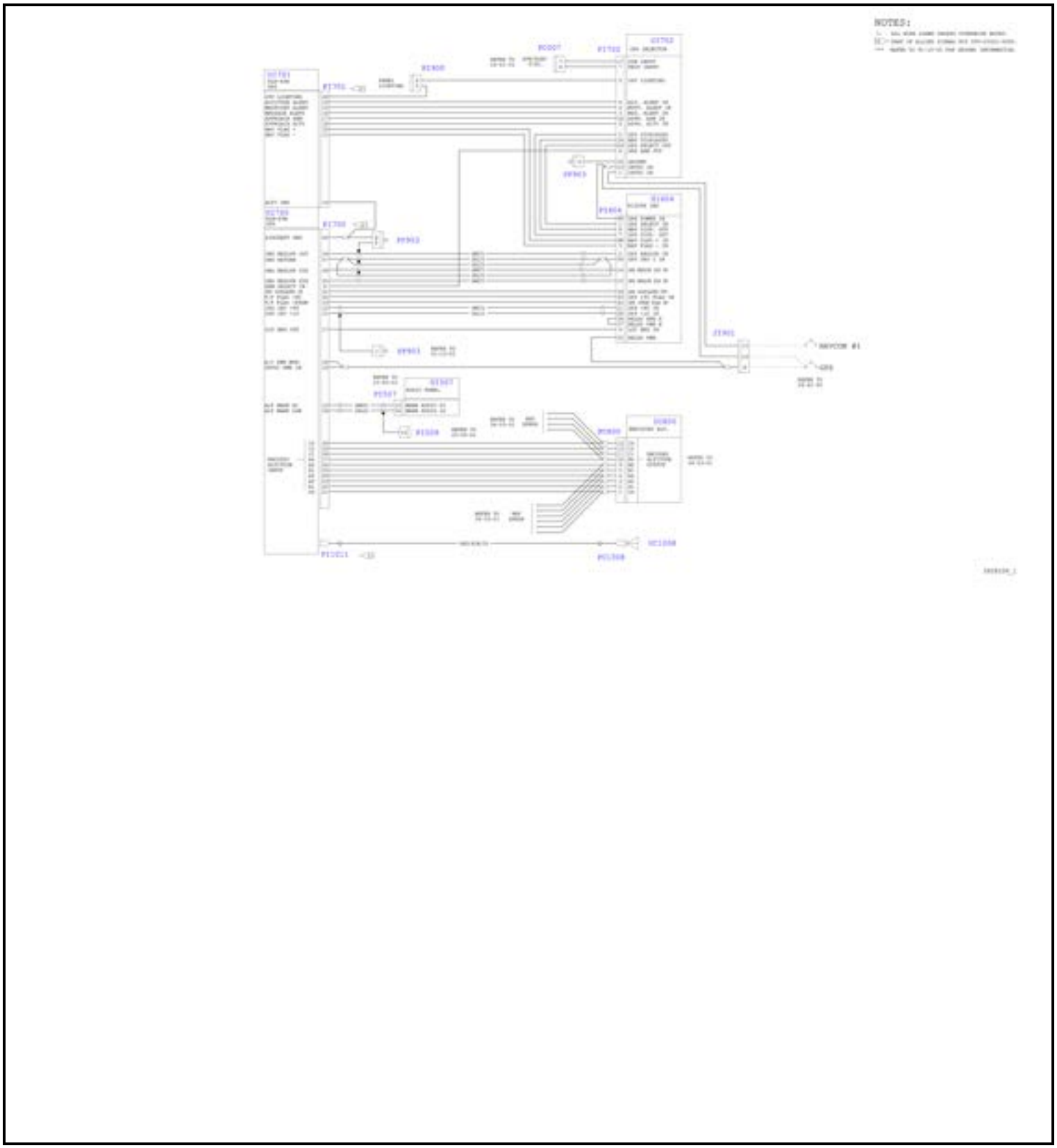
KLN-89B GLOBAL POSITIONING SYSTEM

AIRPLANES (T206) 08001 THRU 08172 WITH NAV I OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
JI901	S2350-3	RECEPTACLE - AVIONICS CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(T206) 08001 - 08172	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PC007	S1640-9	CONNECTOR - AVIONICS/ELECTRICAL DISCONNECT (ZONE 224)		(T206) 08001 - 08172	01
	S1635-1	. CONTACT	V49367		AR
	S1636-1	. SOCKET			AR
PC800	M24308/2-2	CONNECTOR - ENCODONG ALTIMETER (ZONE 211)	V49367	(T206) 08001 - 08172	01
	M24308/25-9	. SCREW LOCK ASSEMBLY			02
PC1008	225555-6	COAX CONNECTOR - ANTENNA COAX (ZONE 210)	V00779	(T206) 08001 - 08172	01
	79125	. ADAPTOR	V74868		01
PF903	SK2701	CONNECTOR - GROUND (ZONE 221)	V28198	(T206) 08001 - 08172	01
	FC116N2	. CONTACT	V28198	(206) 08215 - 08283 (T206) 08450 - 08704	AR
	FC120N2	. CONTACT	V28198		AR
PI507	030-01176-0001	CONNECTOR - AUDIO PANEL (ZONE 225) * AIRPLANES (206) 08001 THRU 08089 INCORPORATING SB00-24-02	V22373	(206) *08001 - 08089 (T206) 08001 - 08158	01
PI509	030-01094-0004	CONNECTOR - AUDIO PANEL (ZONE 224)	V22373	(T206) 08001 - 08172	01
PI604	030-01176-0000	CONNECTOR - KI-209A CDI INDICATOR #1 (ZONE 220)	V22373	(T206) 08001 - 08172	01
PI700	030-03271-0000	CONNECTOR - KLN-89B GLOBAL POSITIONING SYSTEM (ZONE 225)	V22373	(T206) 08001 - 08172	01
PI701	030-03272-0000	CONNECTOR - KLN-94 GPS (ZONE 225)	V22373	(T206) 08001 - 08172	01
PI702	RD25F00JVL0	CONNECTOR (ZONE 225)	V28198	(T206) 08001 - 08172	01
	FC6020D	. CONTACT	V28198		AR
PI900	S3070-9	CONNECTOR KIT - PANEL LIGHTING (ZONE 225)	V49367	(T206) 08001 - 08172	01
	LMD6106P	. MODULE	V49367		01
	LMS01T-TL	. SPLICE	V49367		01
PI1011	030-00101-0002	CONNECTOR - COAX (ZONE 225)	V22373	(T206) 08001 - 08172	01
UC800		ALTIMETER - ENCODING (ZONE 211)			RF
UC1008	071-01553-0200	ANTENNA - GPS (ZONE 210)	V22373	(T206) 08001 - 08172	01
UI507	066-01155-0201	PANEL - AUDIO	V22373	(T206) 08001 - 08172	01
UI604	S3100-159	INDICATOR - NAV (ZONE 225)	V22373	(T206) 08001 - 08172	01
UI700	069-01034-0102	RECEIVER - KLN-94 GPS (ZONE 225)	V22373	(T206) 08001 - 08172	01
UI701	069-01034-0102	RECEIVER - KLN-94 GPS	V22373	(T206) 08001 - 08172	01
UI702	MD41-230	SELECTOR - GPS (ZONE 220)	V59742	(206) 08001 - 08138 (T206) 08001 - 08259	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 02 : Sheet 01 : KLN-89B GLOBAL POSITIONING SYSTEM



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

KLN-89B GLOBAL POSITIONING SYSTEM

AIRPLANES (206) 08083 THRU 08096 WITH NAV I OPTION WITH HIS AND AIRPLANES (T206) 08147 THRU 08172 WITH NAV I OPTION WITH HIS

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
JI901	S2350-3	RECEPTACLE - AVIONICS CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08083 - 08096 (T206) 08147 - 08172	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PC007	S1640-9	CONNECTOR - AVIONICS/ELECTRICAL DISCONNECT (ZONE 224)		(206) 08083 - 08096 (T206) 08147 - 08172	01
	S1635-1	. CONTACT	V49367		AR
	S1636-1	. SOCKET			AR
PF903	SK2701	CONNECTOR - GROUND (ZONE 221)	V28198	(206) 08083 - 08096 (T206) 08147 - 08172	01
	FC116N2	. CONTACT	V28198	(206) 08215 - 08283 (T206) 08450 - 08704	AR
	FC120N2	. CONTACT	V28198		AR
PI700	030-03271-0000	CONNECTOR - KLN-89B GLOBAL POSITIONING SYSTEM (ZONE 225)	V22373	(206) 08083 - 08096 (T206) 08147 - 08172	01
PI701	030-03272-0000	CONNECTOR - KLN-94 GPS (ZONE 225)	V22373	(206) 08083 - 08096 (T206) 08147 - 08172	01
PI702	RD25F00JVL0	CONNECTOR (ZONE 225)	V28198	(206) 08083 - 08096 (T206) 08147 - 08172	01
	FC6020D	. CONTACT	V28198		AR
PI704	RD50F10JVL0	CONNECTOR - SWITCHING UNIT (ZONE 225)	V28198	(206) 08083 - 08096 (T206) 08147 - 08172	01
PI705	RD50M10JVL0	CONNECTOR - SWITCHING UNIT (ZONE 225)	V28198	(206) 08083 - 08096 (T206) 08147 - 08172	01
PI900	S3070-9	CONNECTOR KIT - PANEL LIGHTING (ZONE 225)	V49367	(206) 08083 - 08096 (T206) 08147 - 08172	01
	LMD6106P	. MODULE	V49367		01
	LMS01T-TL	. SPLICE	V49367		01
UI700	069-01034-0102	RECEIVER - KLN-94 GPS (ZONE 225)	V22373	(206) 08083 - 08096 (T206) 08147 - 08172	01
UI701	069-01034-0102	RECEIVER - KLN-94 GPS	V22373	(206) 08083 - 08096 (T206) 08147 - 08172	01
UI702	MD41-229	SELECTOR - GPS/NAV (ZONE 220)	V59742	(206) 08083 & ON (T206) 08147 & ON	01
UI704	MD41-229	SELECTOR - GPS/NAV	V59742	(206) 08083 - 08096 (T206) 08147 - 08172	01
UI705	MD41-229	SELECTOR - GPS/NAV	V59742	(206) 08083 - 08096 (T206) 08147 - 08172	01

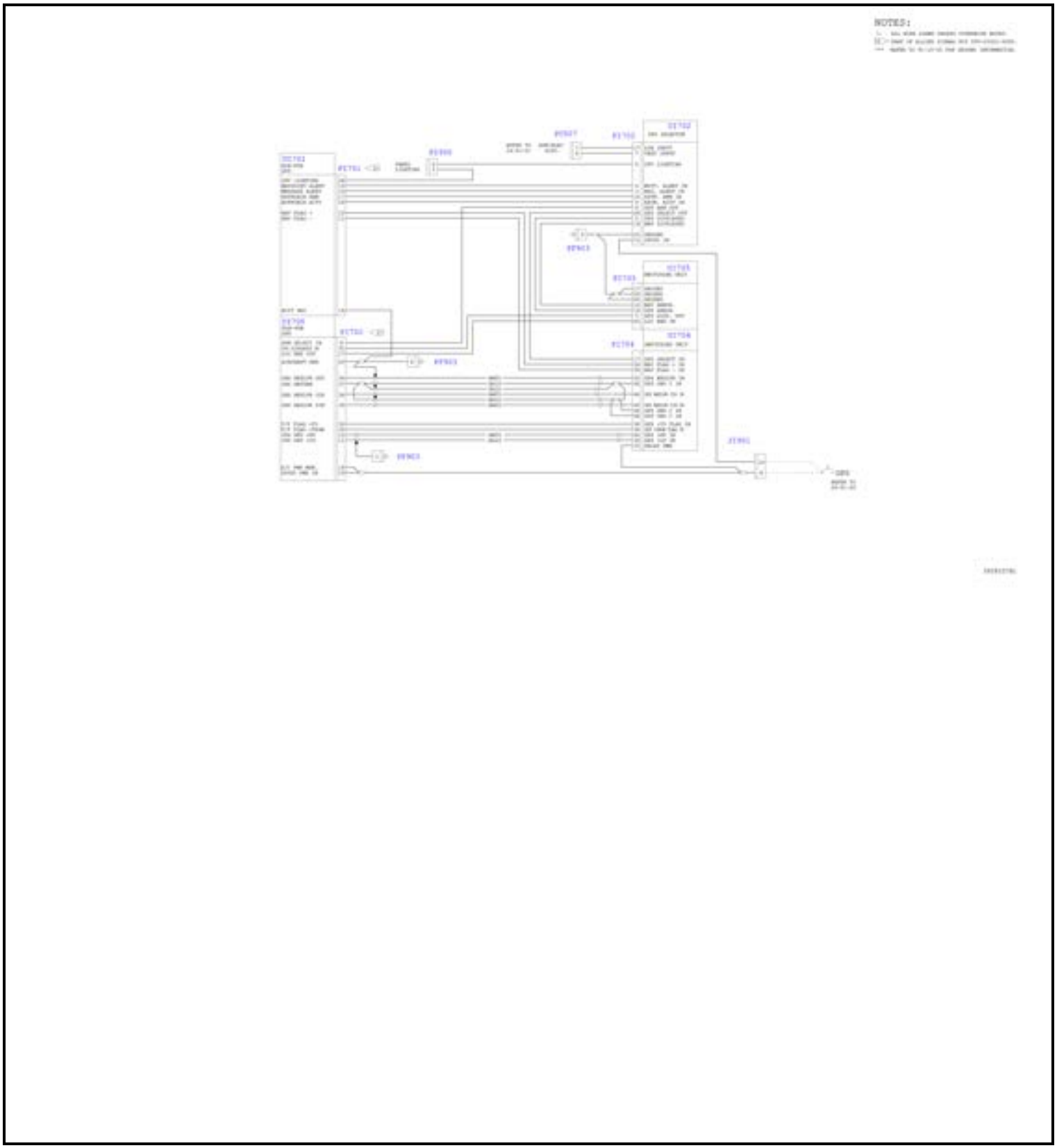
KLN-89B GLOBAL POSITIONING SYSTEM

AIRPLANES (206) 08083 THRU 08096 WITH NAV I OPTION WITH HIS AND AIRPLANES (T206) 08147 THRU 08172 WITH NAV I OPTION WITH HIS

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
PC800	M24308/2-2	CONNECTOR - ENCODING ALTIMETER (ZONE 225)	V49367	(206) 08083 - 08096 (T206) 08147 - 08172	01
	S2492-1	. CLAMP			01
	M24308/25-9	. SCREW LOCK ASSEMBLY			02
PC1008	225555-6	COAX CONNECTOR - ANTENNA COAX (ZONE 210)	V00779	(206) 08083 - 08096 (T206) 08147 - 08172	01
	79125	. ADAPTOR	V74868		01
PI507	030-01176-0001	CONNECTOR - AUDIO PANEL (ZONE 225) * AIRPLANES (206) 08001 THRU 08089 INCORPORATING SB00-24-02	V22373	(206) *08001 - 08089 (T206) 08001 - 08158	01
PI509	030-01094-0004	CONNECTOR - AUDIO PANEL (ZONE 224)	V22373	(206) 08083 - 08096 (T206) 08147 - 08172	01
PI700	030-03271-0000	CONNECTOR - KLN-89B GLOBAL POSITIONING SYSTEM (ZONE 225)	V22373	(206) 08083 - 08096 (T206) 08147 - 08172	01
PI1011	030-00101-0002	CONNECTOR - COAX (ZONE 225)	V22373	(206) 08083 - 08096 (T206) 08147 - 08172	01
UC800		ALTIMETER - ENCODING (ZONE 211)			RF
UC1008	071-01553-0200	ANTENNA - GPS (ZONE 210)	V22373	(206) 08083 - 08096 (T206) 08147 - 08172	01
UI507	066-01155-0201	PANEL - AUDIO	V22373	(206) 08083 - 08096 (T206) 08147 - 08172	01
UI700	069-01034-0102	RECEIVER - KLN-94 GPS (ZONE 225)	V22373	(206) 08083 - 08096 (T206) 08147 - 08172	01

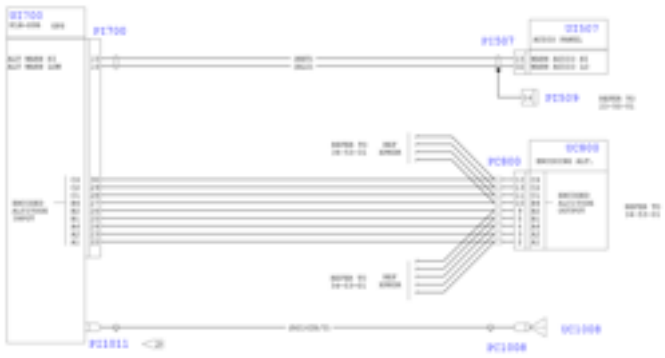
Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 03 : Sheet 01 : KLN-89B GLOBAL POSITIONING SYSTEM



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 03 : Sheet 02 : KLN-89B GLOBAL POSITIONING SYSTEM



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

KLN-94 GLOBAL POSITIONING SYSTEM

AIRPLANES (206) 08097 THRU 08138 WITH NAV I OPTION AND AIRPLANES (T206) 08173 THRU 08259 WITH NAV I OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
JI901	S2350-3	RECEPTACLE - AVIONICS CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08097 - 08138 (T206) 08173 - 08259	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PC007	S1640-9	CONNECTOR - AVIONICS/ELECTRICAL DISCONNECT (ZONE 224)		(206) 08097 - 08138 (T206) 08173 - 08259	01
	S1635-1	. CONTACT	V49367		AR
	S1636-1	. SOCKET			AR
PF903	SK2701	CONNECTOR - GROUND (ZONE 221)	V28198	(206) 08097 - 08138 (T206) 08173 - 08259	01
	FC116N2	. CONTACT	V28198	(206) 08215 - 08283 (T206) 08450 - 08704	AR
	FC120N2	. CONTACT	V28198		AR
PI604	030-01176-0000	CONNECTOR - KI-209A CDI INDICATOR #1 (ZONE 220)	V22373	(206) 08097 - 08138 (T206) 08173 - 08259	01
PI700	030-03271-0000	CONNECTOR - KLN-89B GLOBAL POSITIONING SYSTEM (ZONE 225)	V22373	(206) 08097 - 08138 (T206) 08173 - 08259	01
PI701	030-03272-0000	CONNECTOR - KLN-94 GPS (ZONE 225)	V22373	(206) 08097 - 08138 (T206) 08173 - 08259	01
PI702	RD25F00JVL0	CONNECTOR (ZONE 225)	V28198	(206) 08097 - 08138 (T206) 08173 - 08259	01
	FC6020D	. CONTACT	V28198		AR
PI900	S3070-9	CONNECTOR KIT - PANEL LIGHTING (ZONE 225)	V49367	(206) 08097 - 08138 (T206) 08173 - 08259	01
	LMD6106P	. MODULE	V49367		01
	LMS01T-TL	. SPLICE	V49367		01
UI604	S3100-159	INDICATOR - NAV (ZONE 225)	V22373	(206) 08097 - 08138 (T206) 08173 - 08259	01
UI700	069-01034-0102	RECEIVER - KLN-94 GPS (ZONE 225)	V22373	(206) 08097 - 08138 (T206) 08173 - 08259	01
UI701	069-01034-0102	RECEIVER - KLN-94 GPS	V22373	(206) 08097 - 08138 (T206) 08173 - 08259	01
UI702	MD41-230	SELECTOR - GPS (ZONE 220)	V59742	(206) 08001 - 08138 (T206) 08001 - 08259	01

KLN-94 GLOBAL POSITIONING SYSTEM

AIRPLANES (206) 08097 THRU 08138 WITH NAV I OPTION AND AIRPLANES (T206) 08173 THRU 08259 WITH NAV I OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
PC800	M24308/2-2	CONNECTOR - ENCODING ALTIMETER (ZONE 225)	V49367	(206) 08097 - 08138 (T206) 08173 - 08259	01
	S2492-1	. CLAMP			01
	M24308/25-9	. SCREW LOCK ASSEMBLY			02
PC1008	225555-6	COAX CONNECTOR - ANTENNA COAX (ZONE 210)	V00779	(206) 08097 - 08138 (T206) 08173 - 08259	01
	79125	. ADAPTOR	V74868		01
PF903	SK2701	CONNECTOR - GROUND (ZONE 221)	V28198	(206) 08097 - 08138 (T206) 08173 - 08259	01
	FC116N2	. CONTACT	V28198	(206) 08215 - 08283 (T206) 08450 - 08704	AR
	FC120N2	. CONTACT	V28198		AR
PI507		CONNECTOR			RF
PI509	030-01094-0004	CONNECTOR - AUDIO PANEL (ZONE 224)	V22373	(206) 08097 - 08138 (T206) 08173 - 08259	01
PI511	030-01094-0088	CONNECTOR - KX-155A NAVIGATION/COMMUNICATION (ZONE 225)	V22373	(206) 08097 - 08138 (T206) 08173 - 08259	01
PI512	030-01094-0088	CONNECTOR - KX-55A NAV/COM (ZONE 225)	V22373	(206) 08097 - 08138 (T206) 08173 - 08259	01
PI700	030-03271-0000	CONNECTOR - KLN-89B GLOBAL POSITIONING SYSTEM (ZONE 225)	V22373	(206) 08097 - 08138 (T206) 08173 - 08259	01
PI701	030-03272-0000	CONNECTOR - KLN-94 GPS (ZONE 225)	V22373	(206) 08097 - 08138 (T206) 08173 - 08259	01
PI1011	030-00101-0002	CONNECTOR - COAX (ZONE 225)	V22373	(206) 08097 - 08138 (T206) 08173 - 08259	01
UC800		ALTIMETER - ENCODING (ZONE 211)			RF
UC1008	071-01553-0200	ANTENNA - GPS (ZONE 210)	V22373	(206) 08097 - 08138 (T206) 08173 - 08259	01
UI507	066-01155-0201	PANEL - AUDIO	V22373	(206) 08097 - 08138 (T206) 08173 - 08259	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

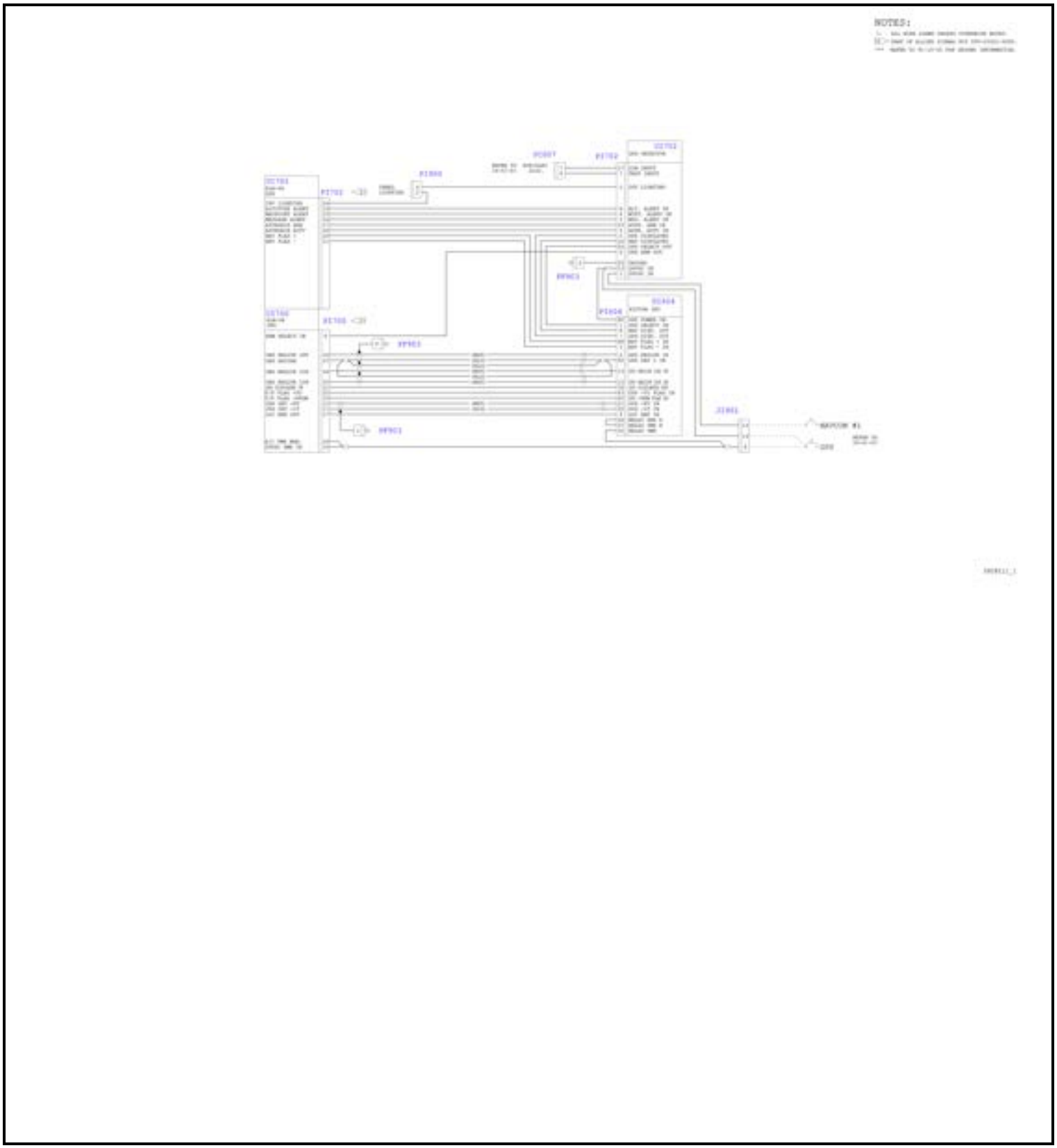
KLN-94 GLOBAL POSITIONING SYSTEM

AIRPLANES (206) 08097 THRU 08138 WITH NAV I OPTION AND AIRPLANES (T206) 08173 THRU 08259 WITH NAV I OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
UI511	069-01032-0101	RECEIVER - KX-155A NAV/COMM #1 (ZONE 225)	V22373	(206) 08097 - 08138 (T206) 08173 - 08259	01
UI512		RECEIVER NAV/COMM #2 - NAV/COMM #2			RF
UI512	069-01032-0201	RECEIVER - NAV/COMM #2	V22373	(206) 08001 - 08044 (206) 08082 - 08138 (T206) 08001 - 08078 (T206) 08143 - 08259	01
UI700	069-01034-0102	RECEIVER - KLN-94 GPS (ZONE 225)	V22373	(206) 08097 - 08138 (T206) 08173 - 08259	01
UI701	069-01034-0102	RECEIVER - KLN-94 GPS	V22373	(206) 08097 - 08138 (T206) 08173 - 08259	01

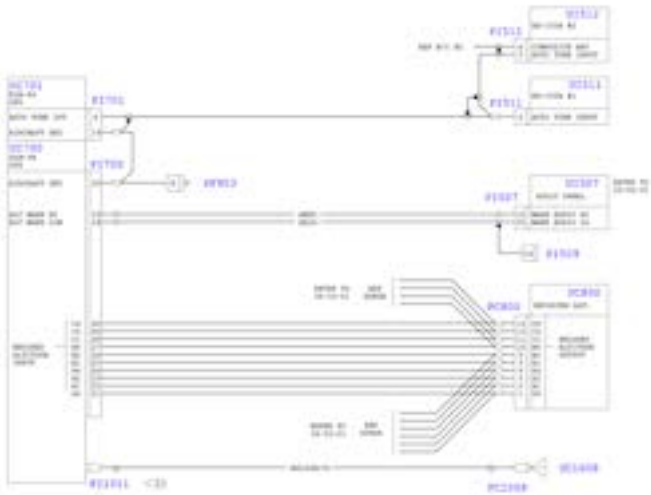
Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 01 : Sheet 01 : KLN-94 GLOBAL POSITIONING SYSTEM



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 01 : Sheet 02 : KLN-94 GLOBAL POSITIONING SYSTEM



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

KLN-94 GLOBAL POSITIONING SYSTEM

AIRPLANES (206) 08097 THRU 08138 WITH NAV I OPTION WITH HIS AND AIRPLANES (T206) 08173 THRU 08259 WITH NAV I OPTION WITH HIS

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
JI901	S2350-3	RECEPTACLE - AVIONICS CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08097 - 08138 (T206) 08173 - 08259	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PC007	S1640-9	CONNECTOR - AVIONICS/ELECTRICAL DISCONNECT (ZONE 224)		(206) 08097 - 08138 (T206) 08173 - 08259	01
	S1635-1	. CONTACT	V49367		AR
	S1636-1	. SOCKET			AR
PF903	SK2701	CONNECTOR - GROUND (ZONE 221)	V28198	(206) 08097 - 08138 (T206) 08173 - 08259	01
	FC116N2	. CONTACT	V28198	(206) 08215 - 08283 (T206) 08450 - 08704	AR
	FC120N2	. CONTACT	V28198		AR
PI700	030-03271-0000	CONNECTOR - KLN-89B GLOBAL POSITIONING SYSTEM (ZONE 225)	V22373	(206) 08097 - 08138 (T206) 08173 - 08259	01
PI701	030-03272-0000	CONNECTOR - KLN-94 GPS (ZONE 225)	V22373	(206) 08097 - 08138 (T206) 08173 - 08259	01
PI702	RD25F00JVL0	CONNECTOR (ZONE 225)	V28198	(206) 08097 - 08138 (T206) 08173 - 08259	01
	FC6020D	. CONTACT	V28198		AR
PI704	RD50F10JVL0	CONNECTOR - SWITCHING UNIT (ZONE 225)	V28198	(206) 08097 - 08138 (T206) 08173 - 08259	01
PI705	RD50M10JVL0	CONNECTOR - SWITCHING UNIT (ZONE 225)	V28198	(206) 08097 - 08138 (T206) 08173 - 08259	01
PI900	S3070-9	CONNECTOR KIT - PANEL LIGHTING (ZONE 225)	V49367	(206) 08097 - 08138 (T206) 08173 - 08259	01
	LMD6106P	. MODULE	V49367		01
	LMS01T-TL	. SPLICE	V49367		01
UI700	069-01034-0102	RECEIVER - KLN-94 GPS (ZONE 225)	V22373	(206) 08097 - 08138 (T206) 08173 - 08259	01
UI701	069-01034-0102	RECEIVER - KLN-94 GPS	V22373	(206) 08097 - 08138 (T206) 08173 - 08259	01
UI702	MD41-229	SELECTOR - GPS/NAV (ZONE 220)	V59742	(206) 08083 & ON (T206) 08147 & ON	01
UI704	MD41-229	SELECTOR - GPS/NAV	V59742	(206) 08097 - 08138 (T206) 08173 - 08259	01
UI705	MD41-229	SELECTOR - GPS/NAV	V59742	(206) 08097 - 08138 (T206) 08173 - 08259	01

KLN-94 GLOBAL POSITIONING SYSTEM

AIRPLANES (206) 08097 THRU 08138 WITH NAV I OPTION WITH HIS AND AIRPLANES (T206) 08173 THRU 08259 WITH NAV I OPTION WITH HIS

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
PC800	M24308/2-2	CONNECTOR - ENCODING ALTIMETER (ZONE 225)	V49367	(206) 08097 - 08138 (T206) 08173 - 08259	01
	S2492-1	. CLAMP			01
	M24308/25-9	. SCREW LOCK ASSEMBLY			02
PC1008	225555-6	COAX CONNECTOR - ANTENNA COAX (ZONE 210)	V00779	(206) 08097 - 08138 (T206) 08173 - 08259	01
	79125	. ADAPTOR	V74868		01
PI507		CONNECTOR			RF
PI509	030-01094-0004	CONNECTOR - AUDIO PANEL (ZONE 224)	V22373	(206) 08097 - 08138 (T206) 08173 - 08259	01
PI511	030-01094-0088	CONNECTOR - KX-155A NAVIGATION/COMMUNICATION (ZONE 225)	V22373	(206) 08097 - 08138 (T206) 08173 - 08259	01
PI512	030-01094-0088	CONNECTOR - KX-55A NAV/COM (ZONE 225)	V22373	(206) 08097 - 08138 (T206) 08173 - 08259	01
PI700	030-03271-0000	CONNECTOR - KLN-89B GLOBAL POSITIONING SYSTEM (ZONE 225)	V22373	(206) 08097 - 08138 (T206) 08173 - 08259	01
PI701	030-03272-0000	CONNECTOR - KLN-94 GPS (ZONE 225)	V22373	(206) 08097 - 08138 (T206) 08173 - 08259	01
PI1011	030-00101-0002	CONNECTOR - COAX (ZONE 225)	V22373	(206) 08097 - 08138 (T206) 08173 - 08259	01
UC800		ALTIMETER - ENCODING (ZONE 211)			RF
UC1008	071-01553-0200	ANTENNA - GPS (ZONE 210)	V22373	(206) 08097 - 08138 (T206) 08173 - 08259	01
UI507	066-01155-0201	PANEL - AUDIO	V22373	(206) 08097 - 08138 (T206) 08173 - 08259	01
UI511	069-01032-0101	RECEIVER - KX-155A NAV/COMM #1 (ZONE 225)	V22373	(206) 08097 - 08138 (T206) 08173 - 08259	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

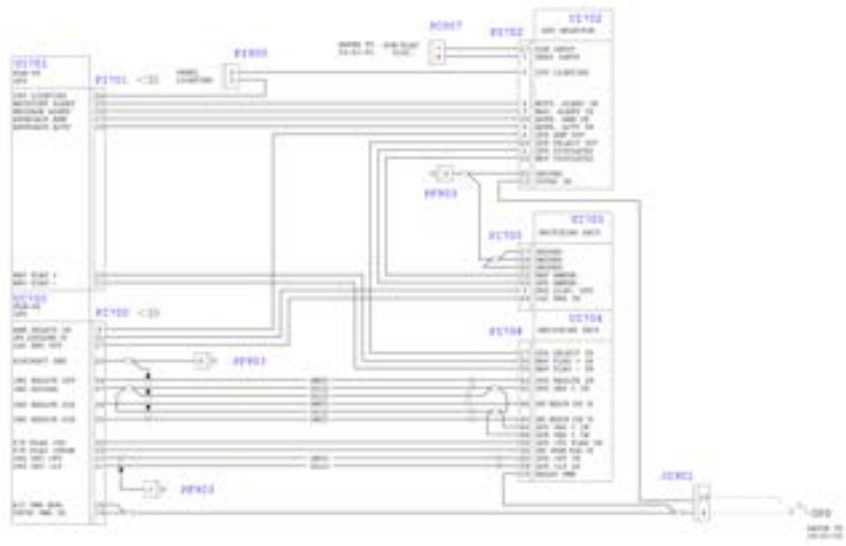
KLN-94 GLOBAL POSITIONING SYSTEM

AIRPLANES (206) 08097 THRU 08138 WITH NAV I OPTION WITH HIS AND AIRPLANES (T206) 08173 THRU 08259 WITH NAV I OPTION WITH HIS

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
UI512	069-01032-0201	RECEIVER - NAV/COMM #2	V22373	(206) 08001 - 08044 (206) 08082 - 08138 (T206) 08001 - 08078 (T206) 08143 - 08259	01
UI700	069-01034-0102	RECEIVER - KLN-94 GPS (ZONE 225)	V22373	(206) 08097 - 08138 (T206) 08173 - 08259	01
UI701	069-01034-0102	RECEIVER - KLN-94 GPS	V22373	(206) 08097 - 08138 (T206) 08173 - 08259	01

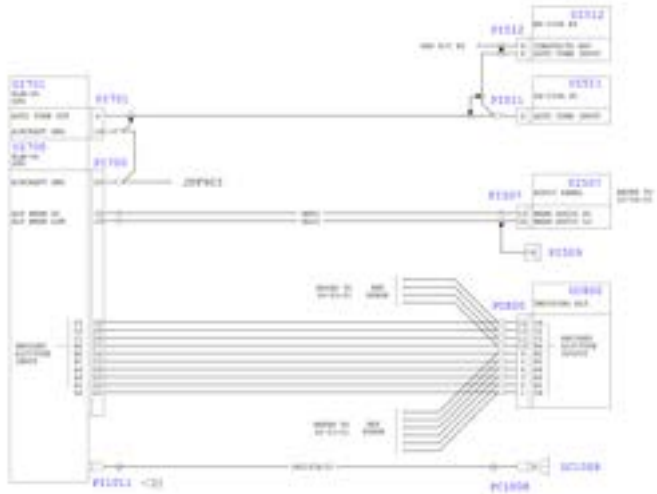
Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 02 : Sheet 01 : KLN-94 GLOBAL POSITIONING SYSTEM



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 02 : Sheet 02 : KLN-94 GLOBAL POSITIONING SYSTEM



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

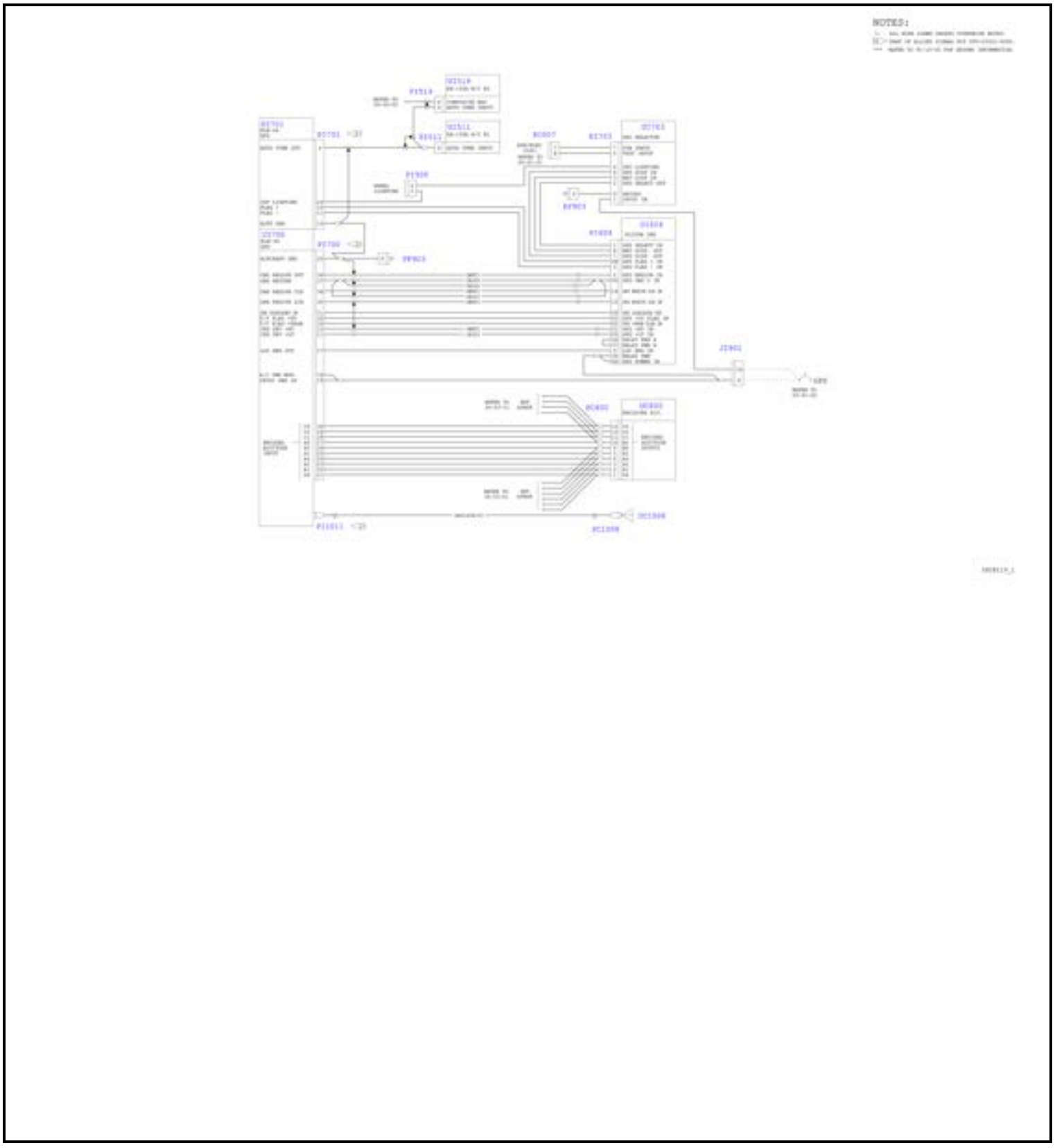
KLN-94 GLOBAL POSITIONING SYSTEM

AIRPLANES (206) 08139 & ON WITH NAV I OPTION AND NAV I OPTION WITH ADF AND AIRPLANES (T206) 08260 & ON WITH NAV I OPTION AND NAV I OPTION WITH ADF

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
JI901	S2350-3	RECEPTACLE - AVIONICS CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08139 & ON (T206) 08260 & ON	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PC007	S1640-9	CONNECTOR - AVIONICS/ELECTRICAL DISCONNECT (ZONE 224)		(206) 08139 & ON (T206) 08260 & ON	01
	S1635-1	. CONTACT	V49367		AR
	S1636-1	. SOCKET			AR
PC800	M24308/2-2	CONNECTOR - ENCODONG ALTIMETER (ZONE 211)	V49367	(206) 08139 & ON (T206) 08260 & ON	01
	M24308/25-9	. SCREW LOCK ASSEMBLY			02
PC1008	225555-6	COAX CONNECTOR - ANTENNA COAX (ZONE 210)	V00779	(206) 08139 & ON (T206) 08260 & ON	01
	79125	. ADAPTOR	V74868		01
PF903	SK2701	CONNECTOR - GROUND (ZONE 221)	V28198	(206) 08139 & ON (T206) 08260 & ON	01
	FC116N2	. CONTACT	V28198	(206) 08215 - 08283 (T206) 08450 - 08704	AR
	FC120N2	. CONTACT	V28198		AR
PI511	030-01094-0088	CONNECTOR - KX-155A NAVIGATION/COMMUNICATION (ZONE 225)	V22373	(206) 08139 & ON (T206) 08260 & ON	01
PI519		CONNECTOR - AUDIO PANEL (ZONE 225)			RF
PI604	030-01176-0000	CONNECTOR - KI-209A CDI INDICATOR #1 (ZONE 220)	V22373	(206) 08139 & ON (T206) 08260 & ON	01
PI700	030-03271-0000	CONNECTOR - KLN-89B GLOBAL POSITIONING SYSTEM (ZONE 225)	V22373	(206) 08139 & ON (T206) 08260 & ON	01
PI701	030-03272-0000	CONNECTOR - KLN-94 GPS (ZONE 225)	V22373	(206) 08139 & ON (T206) 08260 & ON	01
PI703	RD9F00JVL0	CONNECTOR - GPS SELECTOR (ZONE 225)	V28198	(206) 08139 & ON (T206) 08260 & ON	01
	FC6020D	. CONTACT	V28198		AR
PI900	S3070-9	CONNECTOR KIT - PANEL LIGHTING (ZONE 225)	V49367	(206) 08139 & ON (T206) 08260 & ON	01
	LMD6106P	. MODULE	V49367		01
	LMS01T-TL	. SPLICE	V49367		01
PI1011	030-00101-0002	CONNECTOR - COAX (ZONE 225)	V22373	(206) 08139 & ON (T206) 08260 & ON	01
UC800		ALTIMETER - ENCODING (ZONE 211)			RF
UC1008	071-01553-0200	ANTENNA - GPS (ZONE 210)	V22373	(206) 08139 & ON (T206) 08260 & ON	01
UI511	069-01032-0101	RECEIVER - KX-155A NAV/COMM #1 (ZONE 225)	V22373	(206) 08139 & ON (T206) 08260 & ON	01
UI519	S3100-178	RECEIVER - NAV/COMM #2	V22373	(206) 08139 & ON (T206) 08260 & ON	01
UI604	S3100-159	INDICATOR - NAV (ZONE 225)	V22373	(206) 08139 & ON (T206) 08260 & ON	01
UI700	069-01034-0102	RECEIVER - KLN-94 GPS (ZONE 225)	V22373	(206) 08139 & ON (T206) 08260 & ON	01
UI701	069-01034-0102	RECEIVER - KLN-94 GPS	V22373	(206) 08139 & ON (T206) 08260 & ON	01
UI703	MD41-230	SELECTOR - GPS/NAV (ZONE 225)	V59742	(206) 08139 & ON (T206) 08260 & ON	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 03 : Sheet 01 : KLN-94 GLOBAL POSITIONING SYSTEM



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

KLN-94 GLOBAL POSITIONING SYSTEM

AIRPLANES (206) 08139 & ON WITH NAV II OPTION WITH HSI AND AIRPLANES (T206) 08260 & ON WITH NAV II OPTION WITH HSI

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
JI901	S2350-3	RECEPTACLE - AVIONICS CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08139 & ON (T206) 08260 & ON	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PC007	S1640-9	CONNECTOR - AVIONICS/ELECTRICAL DISCONNECT (ZONE 224)		(206) 08139 & ON (T206) 08260 & ON	01
	S1635-1	. CONTACT	V49367		AR
	S1636-1	. SOCKET			AR
PF903	SK2701	CONNECTOR - GROUND (ZONE 221)	V28198	(206) 08139 & ON (T206) 08260 & ON	01
	FC116N2	. CONTACT	V28198	(206) 08215 - 08283 (T206) 08450 - 08704	AR
	FC120N2	. CONTACT	V28198		AR
PI700	030-03271-0000	CONNECTOR - KLN-89B GLOBAL POSITIONING SYSTEM (ZONE 225)	V22373	(206) 08139 & ON (T206) 08260 & ON	01
PI701	030-03272-0000	CONNECTOR - KLN-94 GPS (ZONE 225)	V22373	(206) 08139 & ON (T206) 08260 & ON	01
PI703	RD9F00JVL0	CONNECTOR - GPS SELECTOR (ZONE 225)	V28198	(206) 08139 & ON (T206) 08260 & ON	01
	FC6020D	. CONTACT	V28198		AR
PI704	RD50F10JVL0	CONNECTOR - SWITCHING UNIT (ZONE 225)	V28198	(206) 08139 & ON (T206) 08260 & ON	01
PI705	RD50M10JVL0	CONNECTOR - SWITCHING UNIT (ZONE 225)	V28198	(206) 08139 & ON (T206) 08260 & ON	01
PI900	S3070-9	CONNECTOR KIT - PANEL LIGHTING (ZONE 225)	V49367	(206) 08139 & ON (T206) 08260 & ON	01
	LMD6106P	. MODULE	V49367		01
	LMS01T-TL	. SPLICE	V49367		01
UI700	069-01034-0102	RECEIVER - KLN-94 GPS (ZONE 225)	V22373	(206) 08139 & ON (T206) 08260 & ON	01
UI701	069-01034-0102	RECEIVER - KLN-94 GPS	V22373	(206) 08139 & ON (T206) 08260 & ON	01
UI703	MD41-229	SELECTOR - GPS/NAV (ZONE 225)	V59742	(206) 08083 & ON (T206) 08147 & ON	01
UI704	MD41-229	SELECTOR - GPS/NAV	V59742	(206) 08139 & ON (T206) 08260 & ON	01
UI705	MD41-229	SELECTOR - GPS/NAV	V59742	(206) 08139 & ON (T206) 08260 & ON	01

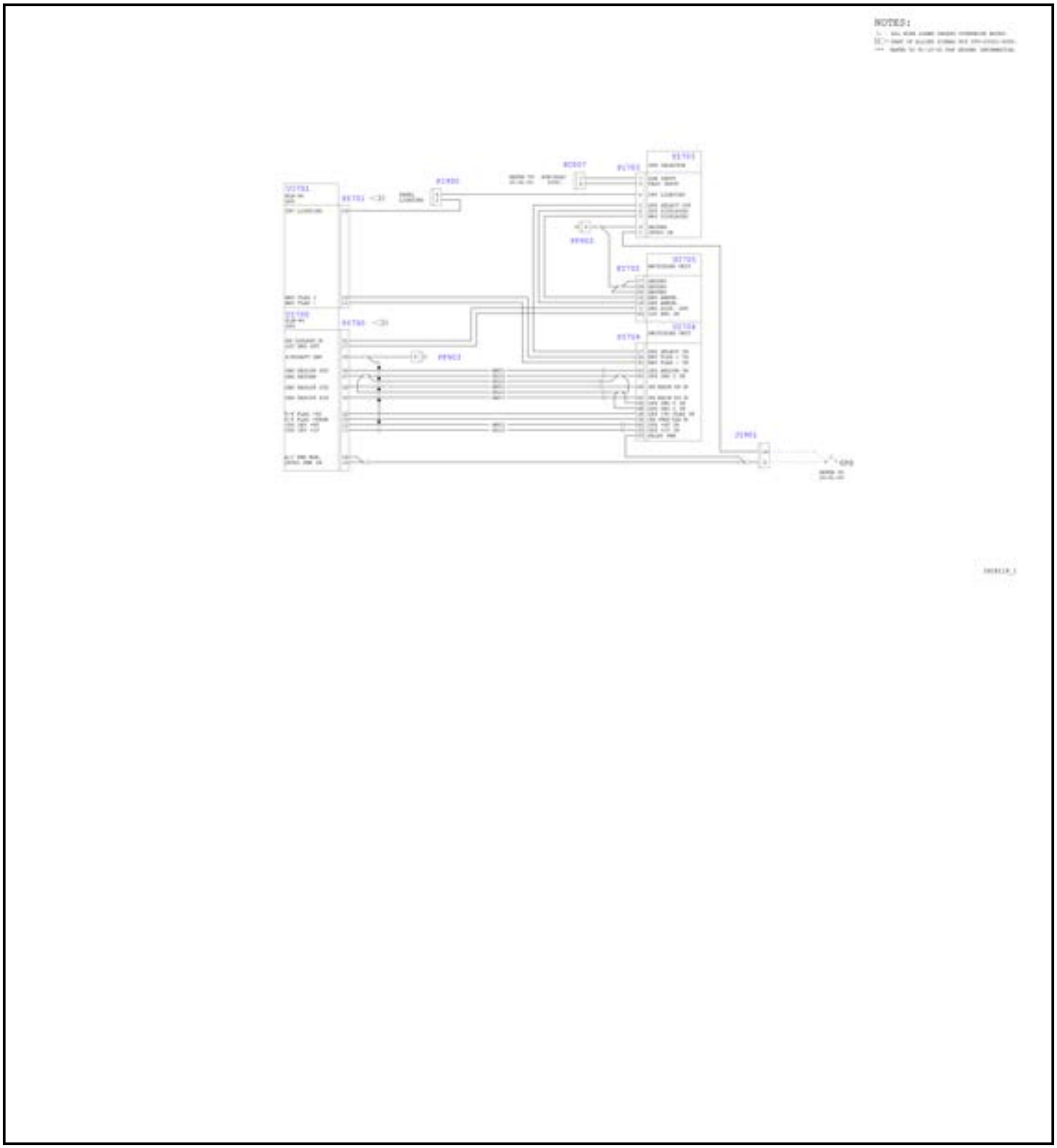
KLN-94 GLOBAL POSITIONING SYSTEM

AIRPLANES (206) 08139 & ON WITH NAV II OPTION WITH HSI AND AIRPLANES (T206) 08260 & ON WITH NAV II OPTION WITH HSI

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
PC800	M24308/2-2	CONNECTOR - ENCODING ALTIMETER (ZONE 225)	V49367	(206) 08139 & ON (T206) 08260 & ON	01
	S2492-1	. CLAMP			01
	M24308/25-9	. SCREW LOCK ASSEMBLY			02
PC1008	225555-6	COAX CONNECTOR - ANTENNA COAX (ZONE 210)	V00779	(206) 08139 & ON (T206) 08260 & ON	01
	79125	. ADAPTOR	V74868		01
PI511	030-01094-0088	CONNECTOR - KX-155A NAVIGATION/COMMUNICATION (ZONE 225)	V22373	(206) 08139 & ON (T206) 08260 & ON	01
PI519		CONNECTOR - AUDIO PANEL (ZONE 225)			RF
PI700	030-03271-0000	CONNECTOR - KLN-89B GLOBAL POSITIONING SYSTEM (ZONE 225)	V22373	(206) 08139 & ON (T206) 08260 & ON	01
PI701	030-03272-0000	CONNECTOR - KLN-94 GPS (ZONE 225)	V22373	(206) 08139 & ON (T206) 08260 & ON	01
PI1011	030-00101-0002	CONNECTOR - COAX (ZONE 225)	V22373	(206) 08139 & ON (T206) 08260 & ON	01
UC800		ALTIMETER - ENCODING (ZONE 211)			RF
UC1008	071-01553-0200	ANTENNA - GPS (ZONE 210)	V22373	(206) 08139 & ON (T206) 08260 & ON	01
UI511	069-01032-0101	RECEIVER - KX-155A NAV/COMM #1 (ZONE 225)	V22373	(206) 08139 & ON (T206) 08260 & ON	01
UI519	S3100-178	RECEIVER - NAV/COMM #2	V22373	(206) 08139 & ON (T206) 08260 & ON	01
UI700	069-01034-0102	RECEIVER - KLN-94 GPS (ZONE 225)	V22373	(206) 08139 & ON (T206) 08260 & ON	01
UI701	069-01034-0102	RECEIVER - KLN-94 GPS	V22373	(206) 08139 & ON (T206) 08260 & ON	01

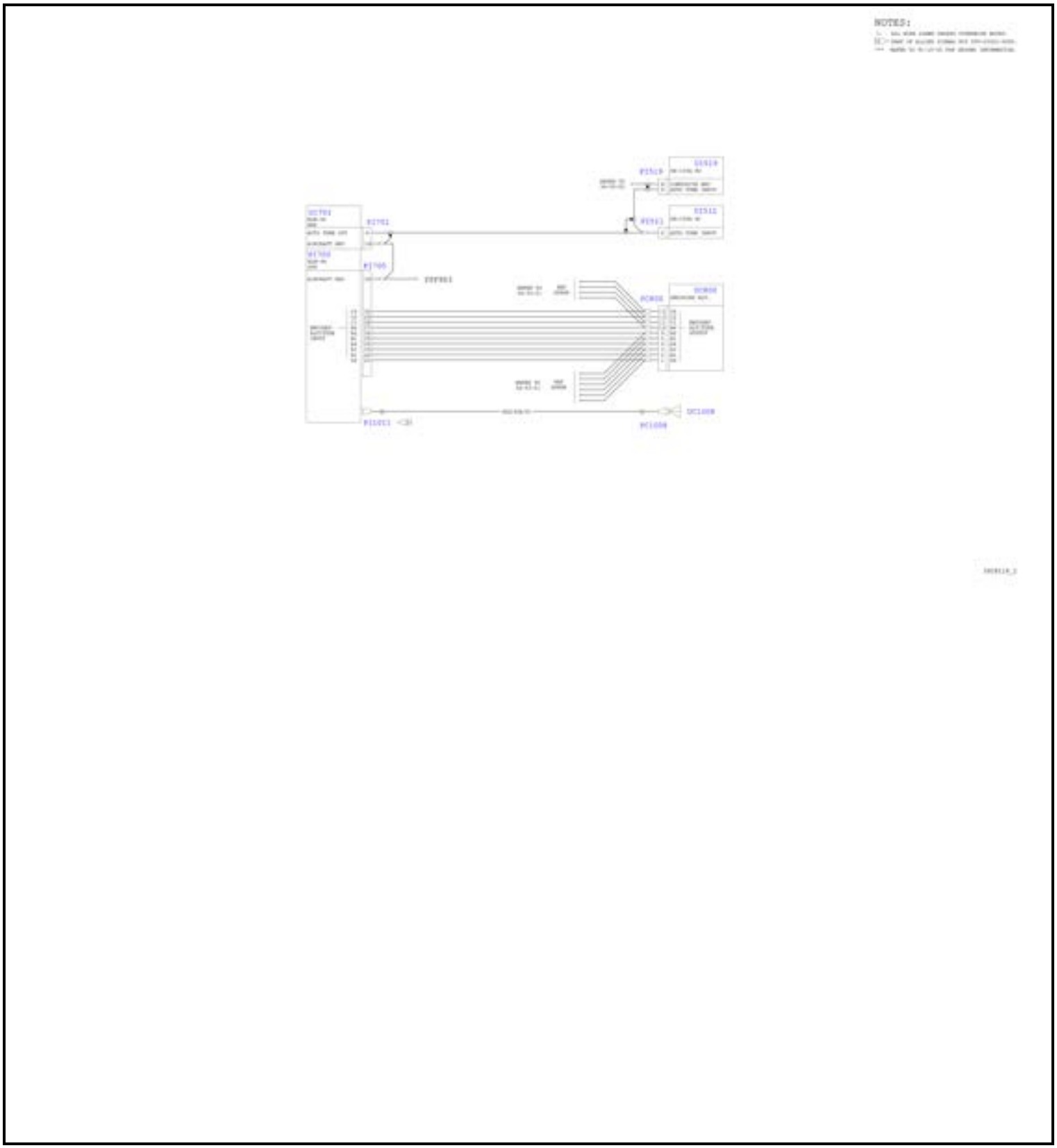
Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 04 : Sheet 01 : KLN-94 GLOBAL POSITIONING SYSTEM



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 04 : Sheet 02 : KLN-94 GLOBAL POSITIONING SYSTEM



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

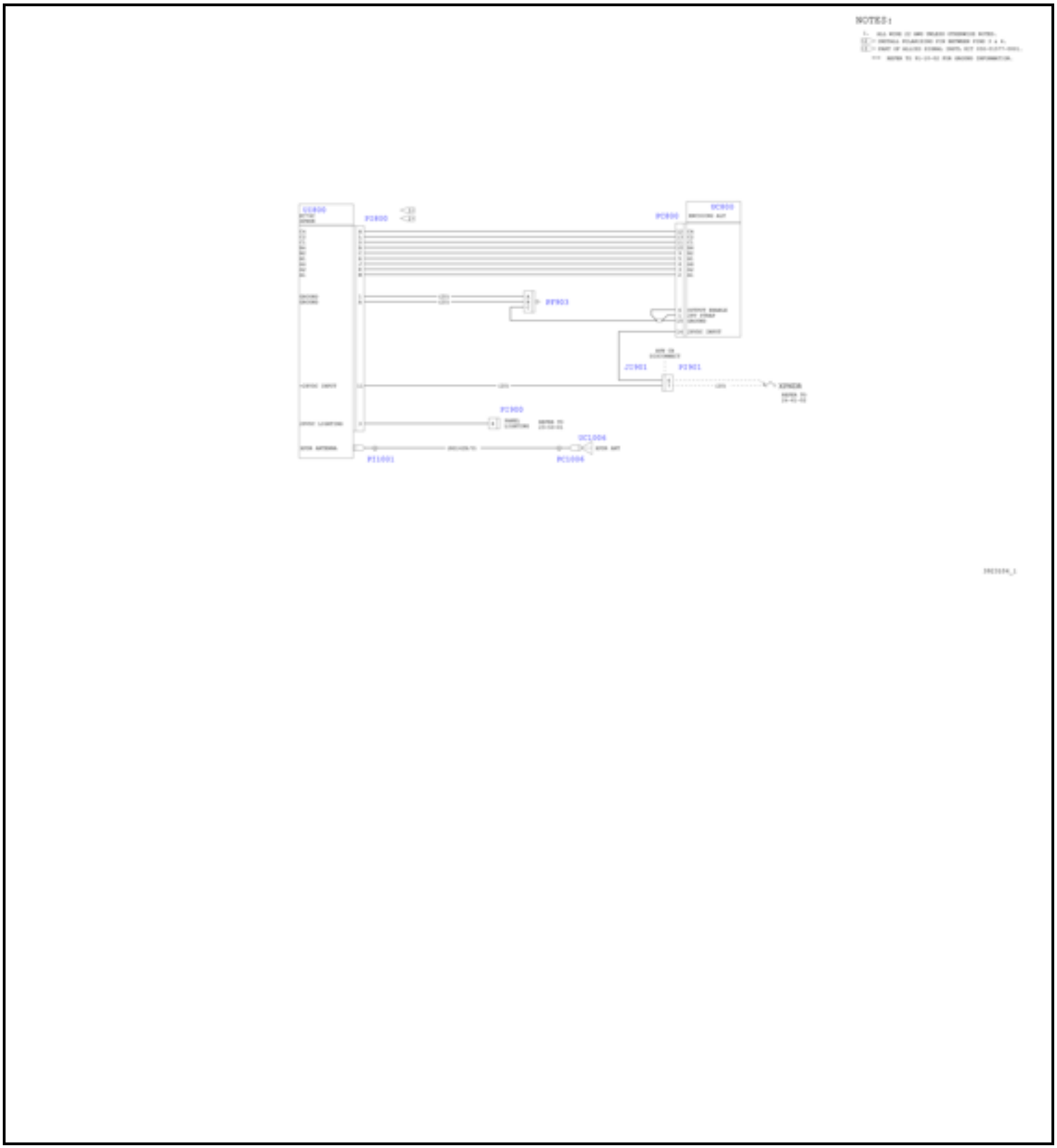
KT-76C TRANSPONDER

AIRPLANES (206) 08001 THRU 08138 WITH NAV I OPTION AND NAV I OPTION WITH HIS

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
JI901	S2350-3	RECEPTACLE - AVIONICS CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08001 - 08138	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PC800	M24308/2-2	CONNECTOR - ENCODING ALTIMETER (ZONE 225)	V49367	(206) 08001 - 08138	01
	S2492-1	. CLAMP			01
	M24308/25-9	. SCREW LOCK ASSEMBLY			02
PC1006	UG913A/U	COAX CONNECTOR - COAX (ZONE 310)	V07688	(206) 08001 - 08138	01
PF903	SK2701	CONNECTOR - GROUND (ZONE 221)	V28198	(206) 08001 - 08138	01
	FC116N2	. CONTACT	V28198	(206) 08215 - 08283 (T206) 08450 - 08704	AR
	FC120N2	. CONTACT	V28198		AR
PI800	030-1094-02	CONNECTOR - KT-76C TRANSPONDER (ZONE 310)	V22373	(206) 08001 - 08138	01
PI900	S3070-9	CONNECTOR KIT - PANEL LIGHTING (ZONE 225)	V49367	(206) 08001 - 08138	01
	LMD6106P	. MODULE	V49367		01
	LMS01T-TL	. SPLICE	V49367		01
PI901	S2349-1	PLUG - AVIONICS CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)	V00779	(206) 08001 - 08350 (T206) 08001 - 09076	01
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
PI1001	030-00101-0002	CONNECTOR - TRANSPONDER ANTENNA (ZONE 225)	V22373	(206) 08001 - 08138	01
UC800		ALTIMETER - ENCODING (ZONE 211)			RF
UC1006	CI105	ANTENNA - TRANSPONDER (ZONE 310)	V51351	(206) 08001 - 08138	01
UI800		TRANSPONDER - KT-76C (ZONE 225)			RF

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 01 : Sheet 01 : KT-76C TRANSPONDER



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

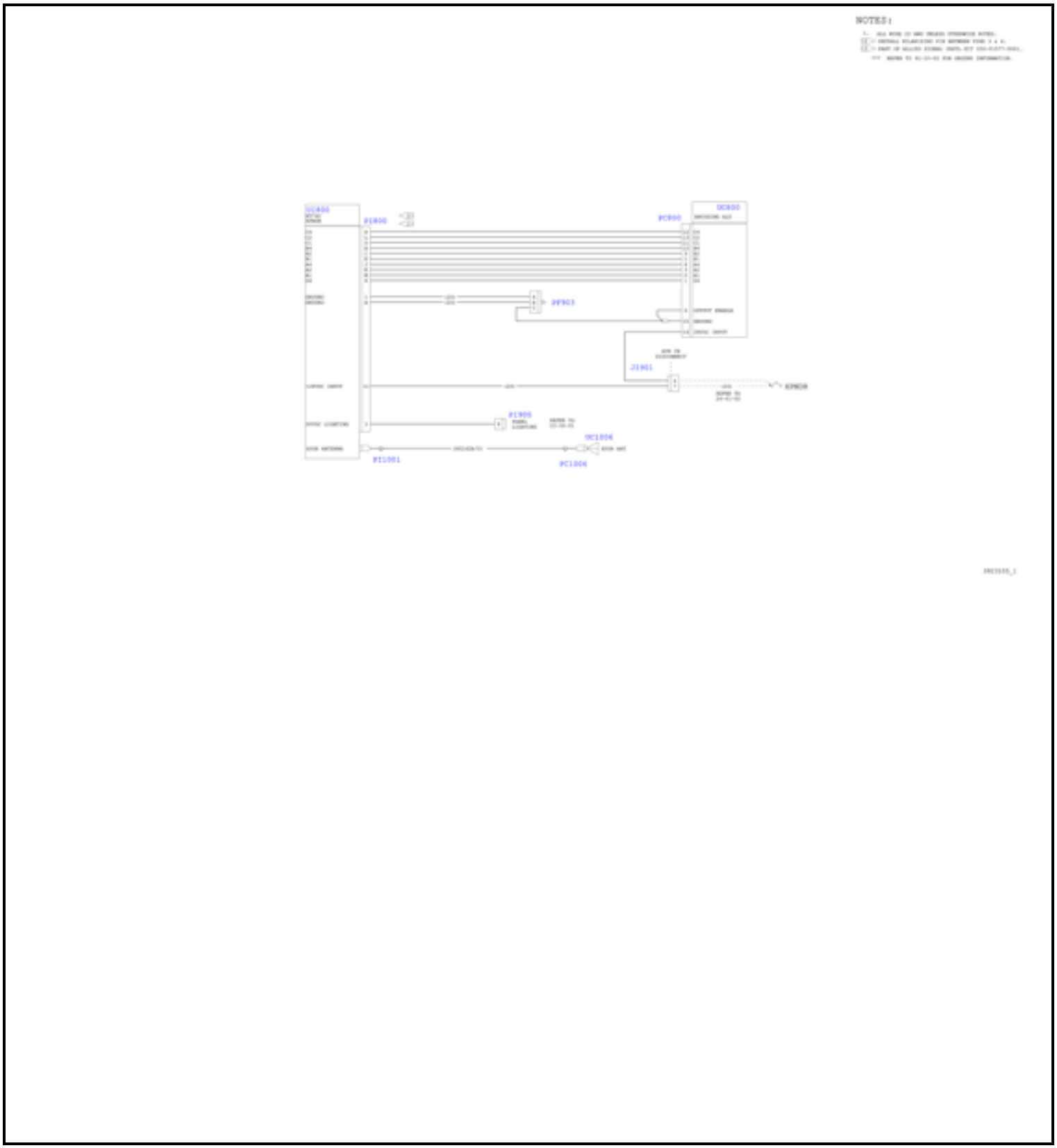
KT-76C TRANSPONDER

AIRPLANES (T206) 08001 THRU 08172 WITH NAV I OPTION AND NAV I OPTION WITH HIS

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
JI901	S2350-3	RECEPTACLE - AVIONICS CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(T206) 08001 - 08172	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PC800	M24308/2-2	CONNECTOR - ENCODING ALTIMETER (ZONE 225)	V49367	(T206) 08001 - 08172	01
	S2492-1	. CLAMP			01
	M24308/25-9	. SCREW LOCK ASSEMBLY			02
PC1006	UG913A/U	COAX CONNECTOR - COAX (ZONE 310)	V07688	(T206) 08001 - 08172	01
PF903	SK2701	CONNECTOR - GROUND (ZONE 221)	V28198	(T206) 08001 - 08172	01
	FC116N2	. CONTACT	V28198	(206) 08215 - 08283 (T206) 08450 - 08704	AR
	FC120N2	. CONTACT	V28198		AR
PI800	030-1094-02	CONNECTOR - KT-76C TRANSPONDER (ZONE 310)	V22373	(T206) 08001 - 08172	01
PI900	S3070-9	CONNECTOR KIT - PANEL LIGHTING (ZONE 225)	V49367	(T206) 08001 - 08172	01
	LMD6106P	. MODULE	V49367		01
	LMS01T-TL	. SPLICE	V49367		01
PI1001	030-00101-0002	CONNECTOR - TRANSPONDER ANTENNA (ZONE 225)	V22373	(T206) 08001 - 08172	01
UC800		ALTIMETER - ENCODING (ZONE 211)			RF
UC1006	CI105	ANTENNA - TRANSPONDER (ZONE 310)	V51351	(T206) 08001 - 08172	01
UI800		TRANSPONDER - KT-76C (ZONE 225)			RF

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 02 : Sheet 01 : KT-76C TRANSPONDER



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

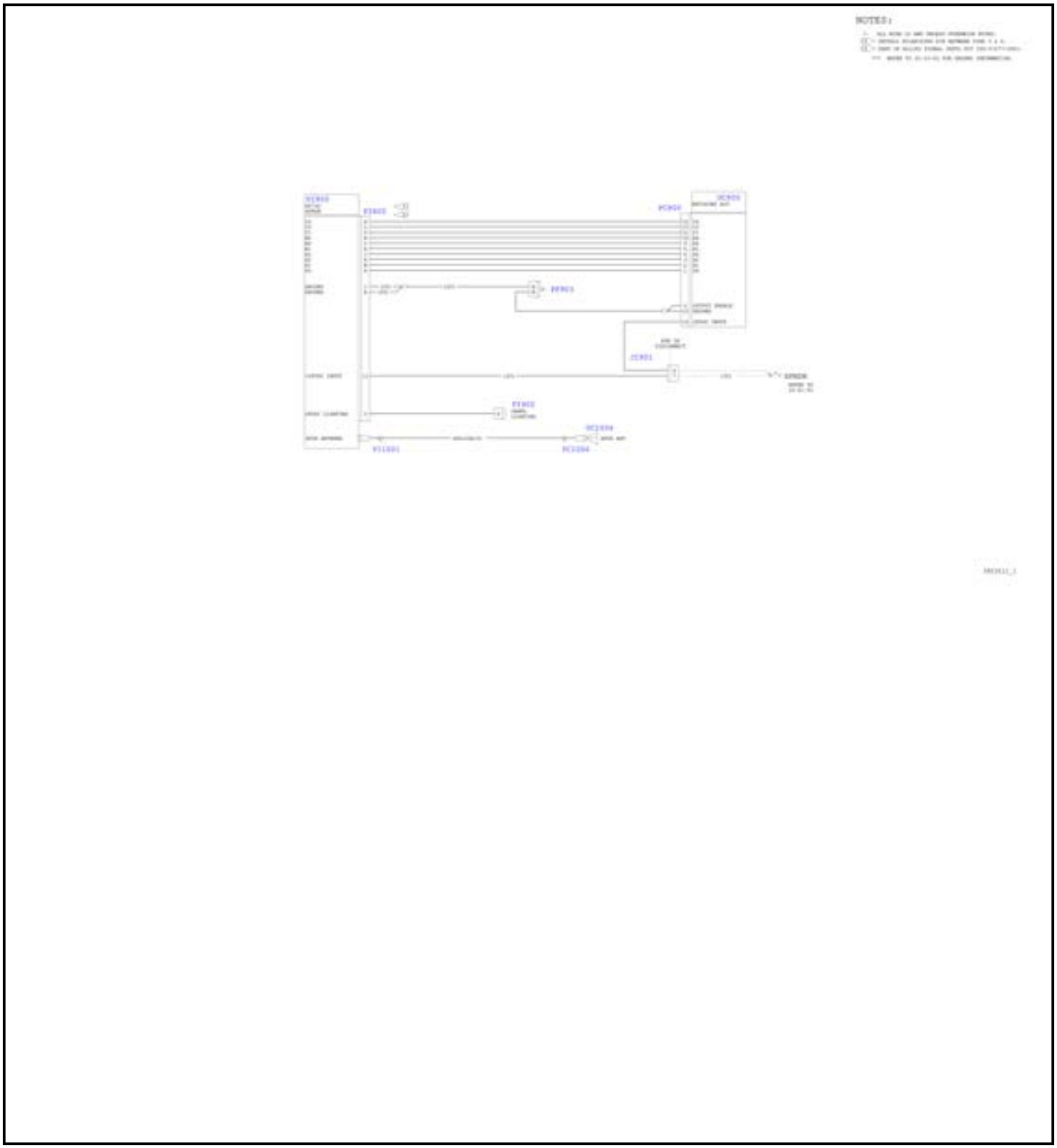
KT-76C TRANSPONDER

AIRPLANES (206) 08097 THRU 08138 WITH NAV I OPTION AND NAV I OPTION WITH HIS AND AIRPLANES (T206) 08173 THRU 08259 WITH NAV I OPTION AND NAV I OPTION WITH HIS

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
JI901	S2350-3	RECEPTACLE - AVIONICS CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08097 - 08138 (T206) 08173 - 08259	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PC800	M24308/2-2	CONNECTOR - ENCODING ALTIMETER (ZONE 225)	V49367	(206) 08097 - 08138 (T206) 08173 - 08259	01
	S2492-1	. CLAMP			01
	M24308/25-9	. SCREW LOCK ASSEMBLY			02
PC1006	UG913A/U	COAX CONNECTOR - COAX (ZONE 310)	V07688	(206) 08097 - 08138 (T206) 08173 - 08259	01
PF903	SK2701	CONNECTOR - GROUND (ZONE 221)	V28198	(206) 08097 - 08138 (T206) 08173 - 08259	01
	FC116N2	. CONTACT	V28198	(206) 08215 - 08283 (T206) 08450 - 08704	AR
	FC120N2	. CONTACT	V28198		AR
PI800	030-1094-02	CONNECTOR - KT-76C TRANSPONDER (ZONE 310)	V22373	(206) 08097 - 08138 (T206) 08173 - 08259	01
PI900	S3070-9	CONNECTOR KIT - PANEL LIGHTING (ZONE 225)	V49367	(206) 08097 - 08138 (T206) 08173 - 08259	01
	LMD6106P	. MODULE	V49367		01
	LMS01T-TL	. SPLICE	V49367		01
PI1001	030-00101-0002	CONNECTOR - TRANSPONDER ANTENNA (ZONE 225)	V22373	(206) 08097 - 08138 (T206) 08173 - 08259	01
UC800		ALTIMETER - ENCODING (ZONE 211)			RF
UC1006	CI105	ANTENNA - TRANSPONDER (ZONE 310)	V51351	(206) 08097 - 08138 (T206) 08173 - 08259	01
UI800		TRANSPONDER - KT-76C (ZONE 225)			RF

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 03 : Sheet 01 : KT-76C TRANSPONDER



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

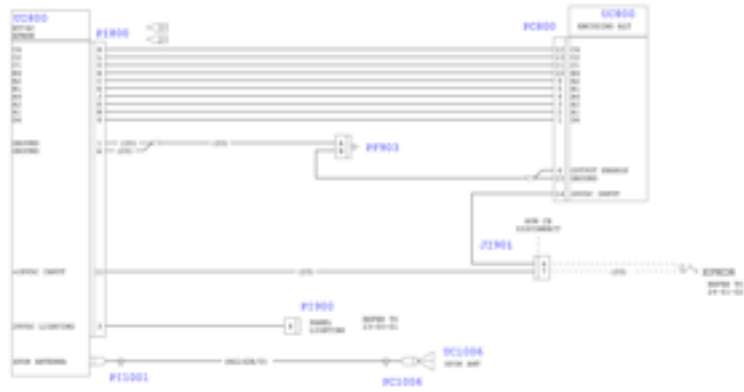
KT-76C TRANSPONDER

AIRPLANES (206) 08139 & ON WITH NAV I OPTION AND NAV I OPTION WITH ADF AND NAV II OPTION AND NAV II OPTION WITH ADF AND AIRPLANES (T206) 08260 & ON WITH NAV I OPTION AND NAV I OPTION WITH ADF AND NAV II OPTION AND NAV II OPTION WITH ADF

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
JI901	S2350-3	RECEPTACLE - AVIONICS CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08139 & ON (T206) 08260 & ON	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PC800	M24308/2-2	CONNECTOR - ENCODONG ALTIMETER (ZONE 211)	V49367	(206) 08139 & ON (T206) 08260 & ON	01
	M24308/25-9	. SCREW LOCK ASSEMBLY			02
PC1006	UG913A/U	COAX CONNECTOR - COAX (ZONE 310)	V07688	(206) 08139 & ON (T206) 08260 & ON	01
PF903	SK2701	CONNECTOR - GROUND (ZONE 221)	V28198	(206) 08139 & ON (T206) 08260 & ON	01
	FC116N2	. CONTACT	V28198	(206) 08215 - 08283 (T206) 08450 - 08704	AR
	FC120N2	. CONTACT	V28198		AR
PI800	030-1094-02	CONNECTOR - KT-76C TRANSPONDER (ZONE 310)	V22373	(206) 08139 & ON (T206) 08260 & ON	01
PI900	S3070-9	CONNECTOR KIT - PANEL LIGHTING (ZONE 225)	V49367	(206) 08139 & ON (T206) 08260 & ON	01
	LMD6106P	. MODULE	V49367		01
	LMS01T-TL	. SPLICE	V49367		01
PI1001	030-00101-0002	CONNECTOR - TRANSPONDER ANTENNA (ZONE 225)	V22373	(206) 08139 & ON (T206) 08260 & ON	01
UC800		ALTIMETER - ENCODING (ZONE 211)			RF
UC1006	CI105	ANTENNA - TRANSPONDER (ZONE 310)	V51351	(206) 08139 & ON (T206) 08260 & ON	01
UI800		TRANSPONDER - KT-76C (ZONE 225)			RF

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 04 : Sheet 01 : KT-76C TRANSPONDER



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

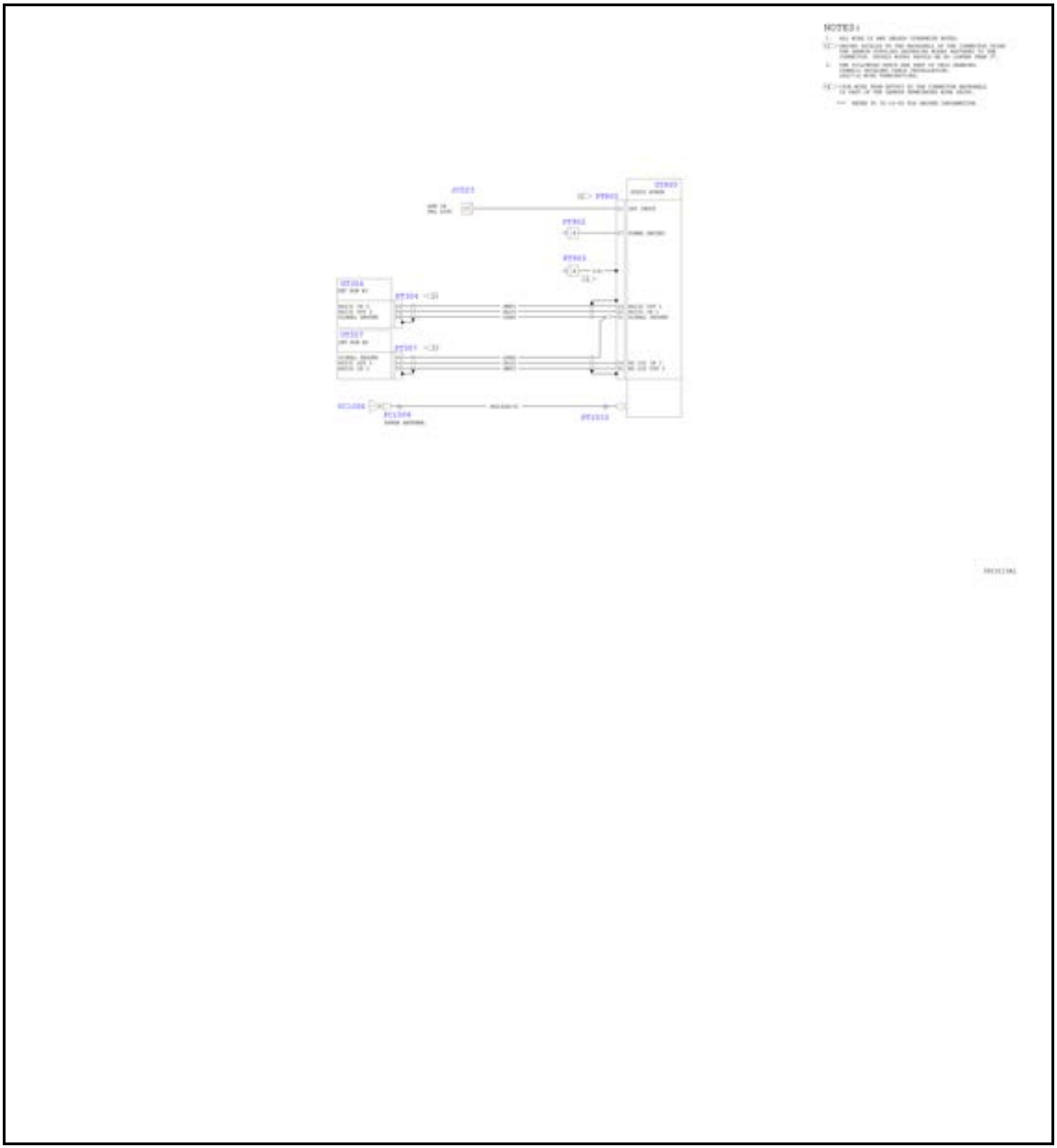
GTX 33 TRANSPONDER - WITH NAV III

AIRPLANES (206) 08215 THRU 08283 AND AIRPLANES (T206) 08450 THRU 08704

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
JC023	S2350-10	CONNECTOR - AVIONIC CIRCUIT BREAKER DISCONNECT		(206) 08215 - 08283 (T206) 08450 - 08704	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
	S2353-7	. PIN			AR
PC1006	UG913A/U	COAX CONNECTOR - COAX (ZONE 310)	V07688	(206) 08215 - 08283 (T206) 08450 - 08704	01
PT304	330-00185-78	CONNECTOR - INTEGRATED AVIONICS COMPUTER	V0TRC3	(206) 08215 - 08283 (T206) 08450 - 08704	01
PT307	330-00366-62	CONNECTOR - AVIONIC #2	V0TRC3	(206) 08215 - 08283 (T206) 08450 - 08704	01
PT800	011-01012-01	CONNECTOR	V0TRC3	(206) 08215 - 08283 (T206) 08450 - 08704	01
PT902	SK2701	CONNECTOR	V28198	(206) 08215 - 08283 (T206) 08450 - 08704	01
	FC120N2	. CONTACT	V28198		AR
PT903	SK2701	CONNECTOR	V28198	(206) 08215 - 08283 (T206) 08450 - 08704	01
	FC116N2	. CONTACT	V28198		AR
	FC120N2	. CONTACT	V28198		AR
PT1010	S3284-1	CONNECTOR - TRANSPONDER ANTENNA	V07688	(206) 08215 - 08283 (T206) 08450 - 08704	01
UC1006	CI105	ANTENNA - TRANSPONDER (ZONE 310)	V51351	(206) 08215 - 08283 (T206) 08450 - 08704	01
UT304		COMPUTER - INTEGRATED AVIONICS #1			RF
UT307		COMPUTER - INTEGRATED AVIONICS #2			RF
UT800	011-00779-00	TRANSPONDER - GTX33	V0TRC3	(206) 08215 - 08283 (T206) 08450 - 08704	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 01 : Sheet 01 : GTX 33 TRANSPONDER - WITH NAV III



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

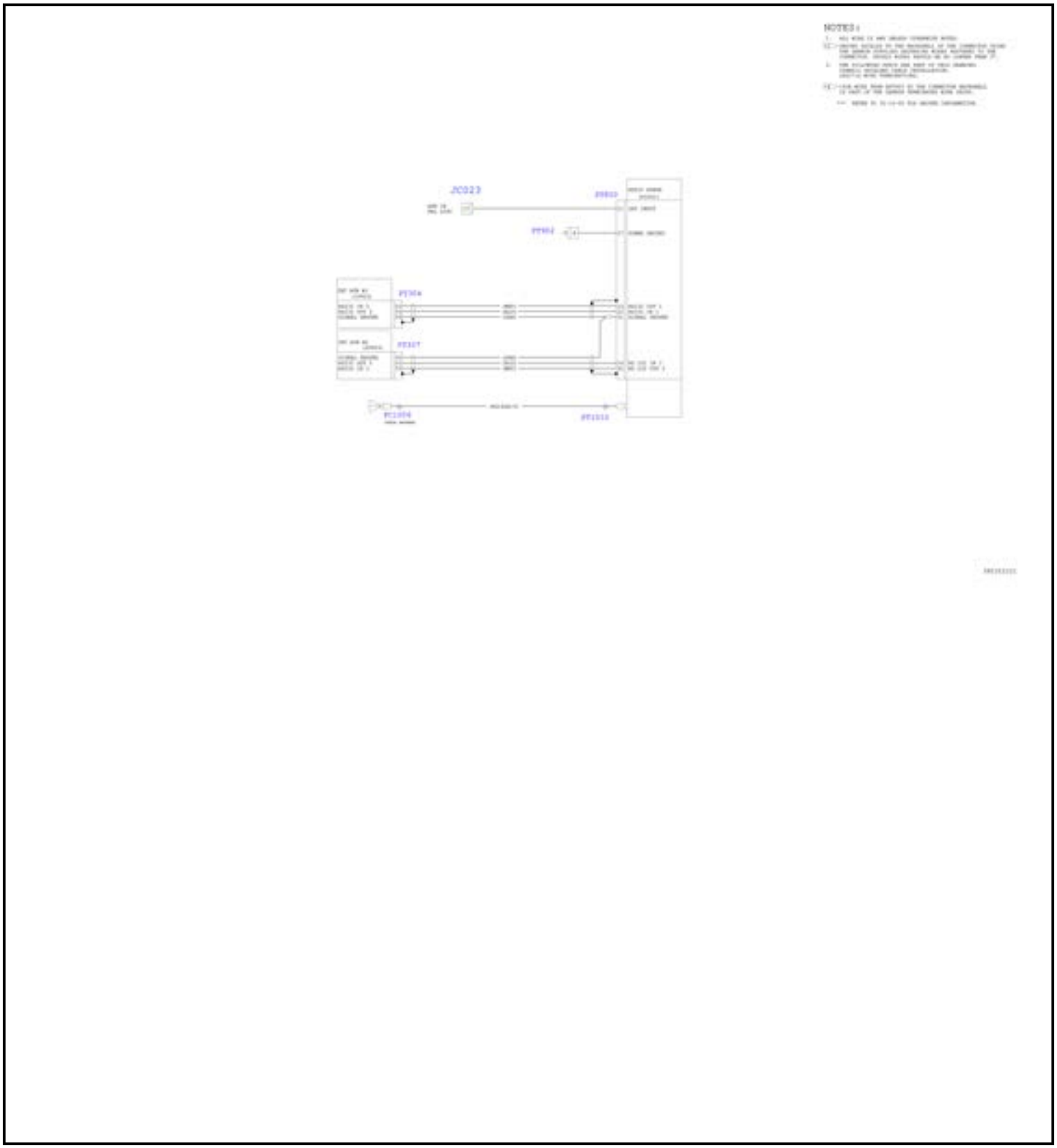
GTX 33 TRANSPONDER - WITH NAV III

AIRPLANES (206) 08284 & ON AND AIRPLANES (T206) 08705 THRU 09762

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
JC023	S2350-10	CONNECTOR - AVIONIC CIRCUIT BREAKER DISCONNECT		(206) 08284 & ON (T206) 08705 - 09762	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
	S2353-7	. PIN			AR
PC1006	UG913A/U	COAX CONNECTOR - COAX (ZONE 310)	V07688	(206) 08284 & ON (T206) 08705 - 09762	01
PT304	330-00185-78	CONNECTOR - INTEGRATED AVIONICS COMPUTER	V0TRC3	(206) 08284 & ON (T206) 08705 - 09762	01
PT307	330-00366-62	CONNECTOR - AVIONIC #2	V0TRC3	(206) 08284 & ON (T206) 08705 - 09762	01
PT800	011-01012-01	CONNECTOR	V0TRC3	(206) 08284 & ON (T206) 08705 - 09762	01
PT902	SK2701	CONNECTOR	V28198	(206) 08284 & ON (T206) 08705 - 09762	01
	FC120N2	. CONTACT	V28198		AR
PT1010	S3284-1	CONNECTOR - TRANSPONDER ANTENNA	V07688	(206) 08284 & ON (T206) 08705 - 09762	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 02 : Sheet 01 : GTX 33 TRANSPONDER - WITH NAV III



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

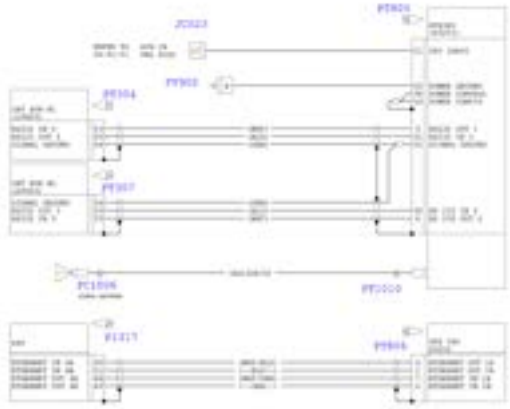
GTX 3X5R TRANSPONDER - WITH NAV III

AIRPLANES (T206) 09763 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
JC023	S2350-10	CONNECTOR - AVIONIC CIRCUIT BREAKER DISCONNECT		(T206) 09763 & ON	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
	S2353-7	. PIN			AR
PC1006	UG913A/U	COAX CONNECTOR - COAX (ZONE 310)	V07688	(T206) 09763 & ON	01
PI317	011-00820-01	CONNECTOR - GDU10XX, SUB-ASSY	V0TRC3	(T206) 08801 & ON	01
	011-00979-00	. CONFIGURATION MODULE	V0TRC3		01
PT304		CONNECTOR			RF
PT307		CONNECTOR			RF
PT805	330-00185-62	CONNECTOR	V0TRC3	(T206) 09763 & ON	01
	011-00950-03	. BACKSHELL	V0TRC3		01
	011-01169-01	. CONNECTOR	V0TRC3		01
	M39029/58-360	. CONTACT PIN	V0TRC3		01
PT806	330-00185-15	DSUB CONNECTOR	V0TRC3	(T206) 09763 & ON	01
	011-00950-00	. BACKSHELL ASSEMBLY	V0TRC3		01
	M39029/58-360	. CONTACT PIN	V0TRC3		01
PT902	SK2701	CONNECTOR	V28198	(T206) 09763 & ON	01
	FC120N2	. CONTACT	V28198		AR
PT1010	S3284-1	CONNECTOR - TRANSPONDER ANTENNA	V07688	(T206) 09763 & ON	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 03 : Sheet 01 : GTX 3X5R TRANSPONDER - WITH NAV III



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

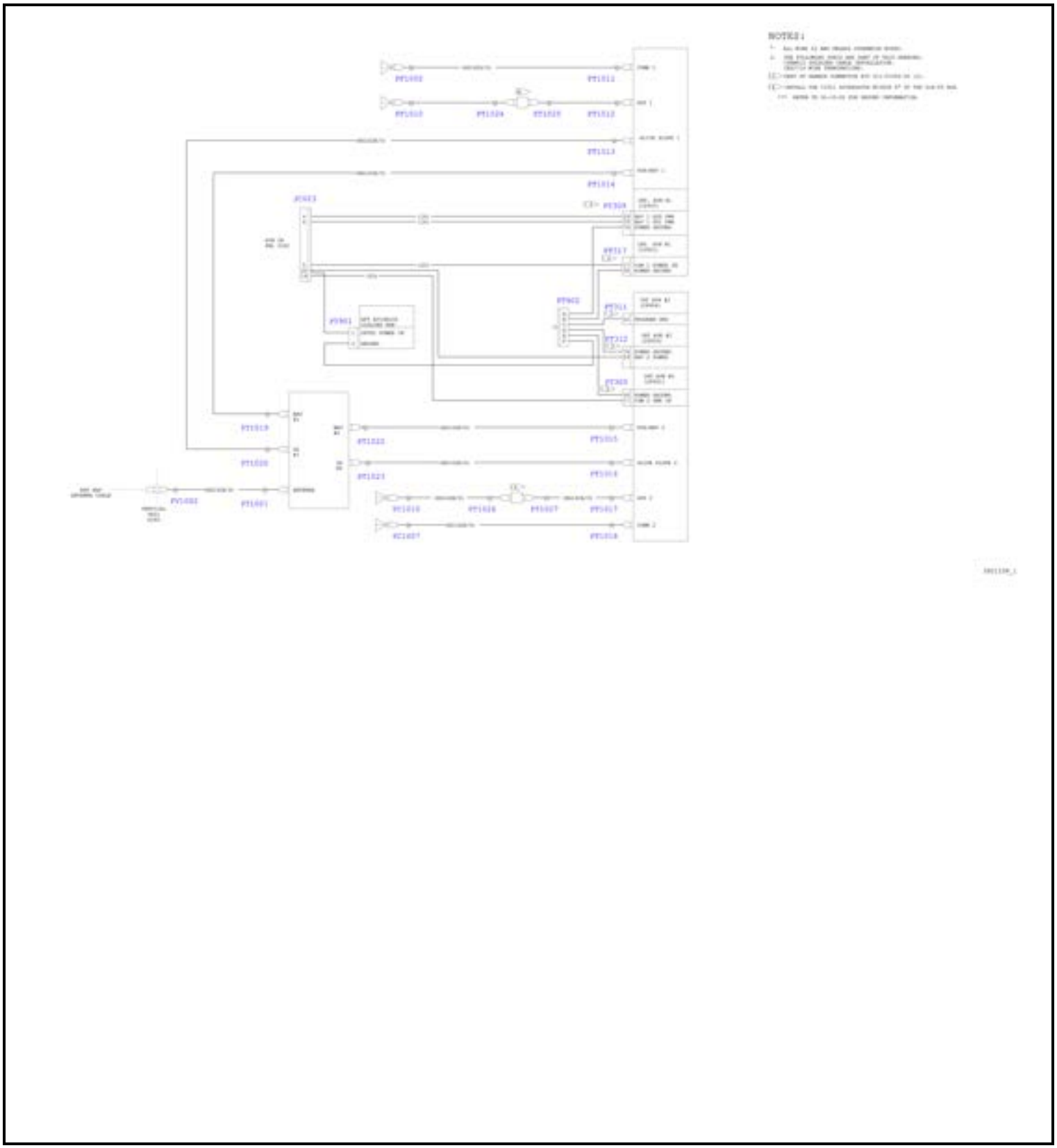
GARMIN INTEGRATED AVIONICS SYSTEM - WITH NAV III OPTION

AIRPLANES (206) 08215 THRU 08283 AND AIRPLANES (T206) 08450 THRU 08704

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
JC023	S2350-10	CONNECTOR - AVIONIC CIRCUIT BREAKER DISCONNECT		(206) 08215 - 08283 (T206) 08450 - 08704	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
	S2353-7	. PIN			AR
PC1007	UG913A/U	COAX CONNECTOR - COMM 2 ANTENNA	V07688	(206) 08215 - 08283 (T206) 08450 - 08704	01
PC1010	225559-2	CONNECTOR	V00779	(206) 08215 - 08283 (T206) 08450 - 08704	01
PF1002	UG913A/U	COAX CONNECTOR - COMM 1 ANTENNA (ZONE 210)	V07688	(206) 08215 - 08283 (T206) 08450 - 08704	01
PF1010	225559-2	CONNECTOR - GPS 1 ANTENNA	V00779	(206) 08215 - 08283 (T206) 08450 - 08704	01
PT305	050-00398-0000	INSTALLATION KIT	V22373	(206) 08215 - 08283 (T206) 08450 - 08704	02
PT309	330-00185-78	CONNECTOR - INTEGRATED AVIONIC #1	V0TRC3	(206) 08215 - 08283 (T206) 08450 - 08704	01
PT311	330-00185-44	CONNECTOR	V0TRC3	(206) 08215 - 08283 (T206) 08450 - 08704	01
PT312	330-00185-78	CONNECTOR	V0TRC3	(206) 08215 - 08283 (T206) 08450 - 08704	01
PT317	330-00185-44	CONNECTOR	V0TRC3	(206) 08215 - 08283 (T206) 08450 - 08704	01
PT901	03-06-1023	CONNECTOR	V27264	(206) 08215 - 08283 (T206) 08450 - 08704	01
	S2216-4	. CONTACT	V27264		02
PT902	SK2701	CONNECTOR	V28198	(206) 08215 - 08283 (T206) 08450 - 08704	01
	FC120N2	. CONTACT	V28198		AR
PT1011	S3284-1	CONNECTOR - COMM 1	V07688	(206) 08215 - 08283 (T206) 08450 - 08704	01
PT1012	S3284-1	CONNECTOR - GPS 1	V07688	(206) 08215 - 08283 (T206) 08450 - 08704	01
PT1013	S3284-1	CONNECTOR - GLIDESLOPE 1	V07688	(206) 08215 - 08283 (T206) 08450 - 08704	01
PT1014	S3284-1	CONNECTOR - VOR/NAV 1	V07688	(206) 08215 - 08283 (T206) 08450 - 08704	01
PT1015	S3284-1	CONNECTOR - VOR/NAV 2	V07688	(206) 08215 - 08283 (T206) 08450 - 08704	01
PT1016	S3284-1	CONNECTOR - GLIDESLOPE 2	V07688	(206) 08215 - 08283 (T206) 08450 - 08704	01
PT1017	S3284-1	CONNECTOR - GPS 2	V07688	(206) 08215 - 08283 (T206) 08450 - 08704	01
PT1018	S3284-1	CONNECTOR - COMM 2	V07688	(206) 08215 - 08283 (T206) 08450 - 08704	01
PT1019	S3284-1	CONNECTOR - NAV 1	V07688	(206) 08215 - 08283 (T206) 08450 - 08704	01
PT1020	S3284-1	CONNECTOR - GLIDESLOPE 1	V07688	(206) 08215 - 08283 (T206) 08450 - 08704	01
PT1021	225555-6	COAX CONNECTOR - NAV/GS ANTENNA	V00779	(206) 08215 - 08283 (T206) 08450 - 08704	01
PT1022	S3284-1	CONNECTOR - NAV 2	V07688	(206) 08215 - 08283 (T206) 08450 - 08704	01
PT1023	S3284-1	CONNECTOR - GLIDESLOPE 2	V07688	(206) 08215 - 08283 (T206) 08450 - 08704	01
PT1024	225555-6	COAX CONNECTOR	V00779	(206) 08215 - 08283 (T206) 08450 - 08704	01
PT1025	225555-6	COAX CONNECTOR	V00779	(206) 08215 - 08283 (T206) 08450 - 08704	01
PT1026	225555-6	COAX CONNECTOR	V00779	(206) 08215 - 08283 (T206) 08450 - 08704	01
PT1027	225555-6	COAX CONNECTOR	V00779	(206) 08215 - 08283 (T206) 08450 - 08704	01
PV1002	UG88C/U	CONNECTOR - VERTICAL TAIL DISCONNECT (ZONE 340) FOR SPARES ORDER (MUST REPLACE WITH): S3284-1	V07688	(206) 08215 - 08283 (T206) 08450 - 08704	01
	S3284-1	CONNECTOR	V07688	(206) 08215 - 08283 (T206) 08450 - 08704	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 01 : Sheet 01 : GARMIN INTEGRATED AVIONICS SYSTEM - WITH NAV III OPTION



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

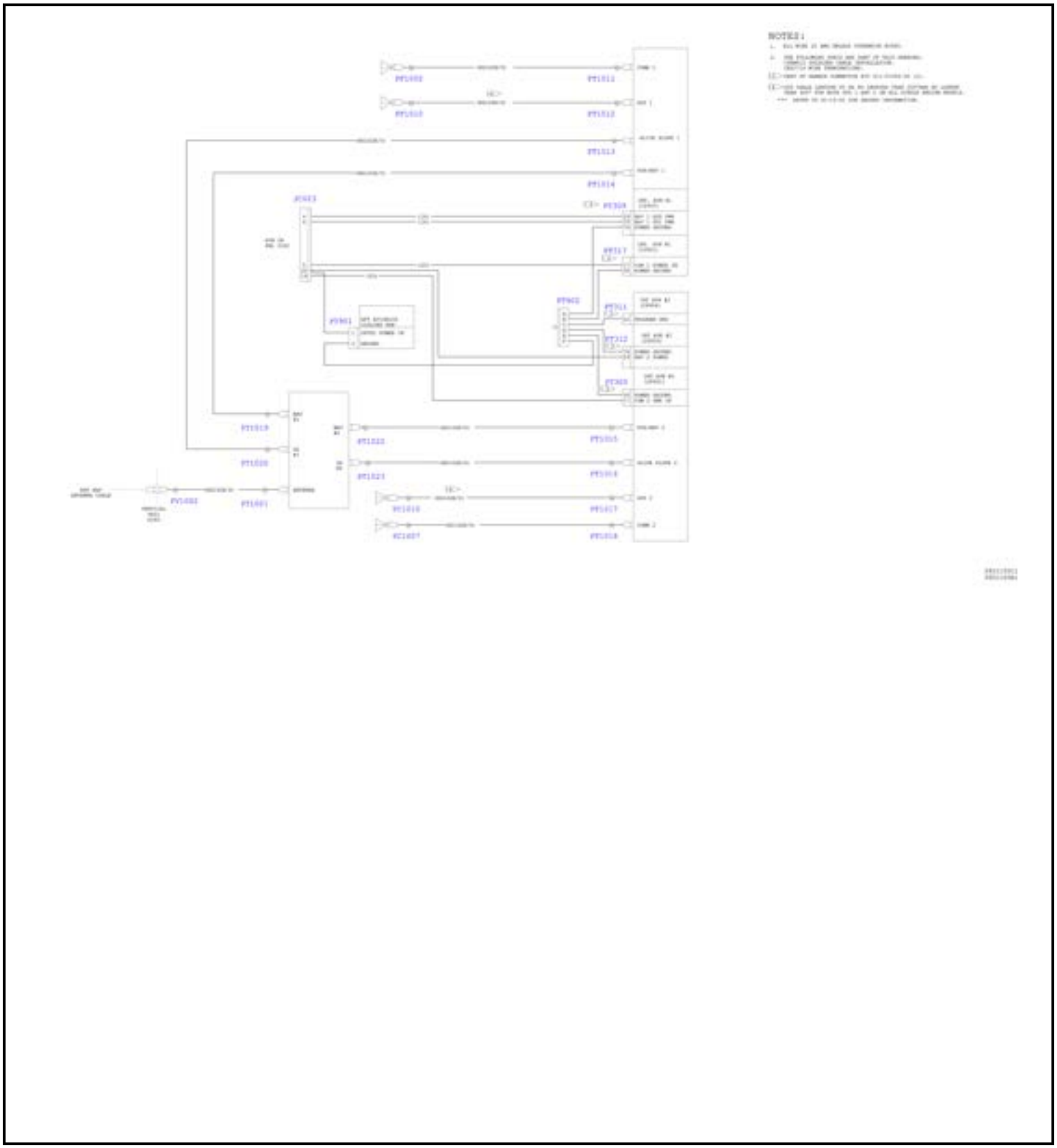
GARMIN INTEGRATED AVIONICS SYSTEM - WITH NAV III OPTION

AIRPLANES (206) 08284 THRU 08353 AND AIRPLANES (T206) 08705 THRU 09212

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
JC023	S2350-10	CONNECTOR - AVIONIC CIRCUIT BREAKER DISCONNECT		(206) 08284 - 08353 (T206) 08705 - 09212	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
	S2353-7	. PIN			AR
PC1007	UG913A/U	COAX CONNECTOR - COMM 2 ANTENNA	V07688	(206) 08284 - 08353 (T206) 08705 - 09212	01
PC1010	225559-2	CONNECTOR	V00779	(206) 08284 - 08353 (T206) 08705 - 09212	01
PF1002	UG913A/U	COAX CONNECTOR - COMM 1 ANTENNA (ZONE 210)	V07688	(206) 08284 - 08353 (T206) 08705 - 09212	01
PF1010	225559-2	CONNECTOR - GPS 1 ANTENNA	V00779	(206) 08284 - 08353 (T206) 08705 - 09212	01
PT305	330-00185-44	CONNECTOR	V0TRC3	(206) 08284 - 08353 (T206) 08705 - 09212	01
PT309	330-00185-78	CONNECTOR - INTEGRATED AVIONIC #1	V0TRC3	(206) 08284 - 08353 (T206) 08705 - 09212	01
PT311	330-00185-44	CONNECTOR	V0TRC3	(206) 08284 - 08353 (T206) 08705 - 09212	01
PT312	330-00185-78	CONNECTOR	V0TRC3	(206) 08284 - 08353 (T206) 08705 - 09212	01
PT317	330-00185-44	CONNECTOR	V0TRC3	(206) 08284 - 08353 (T206) 08705 - 09212	01
PT901	03-06-1023	CONNECTOR	V27264	(206) 08284 - 08353 (T206) 08705 - 09212	01
	S2216-4	. CONTACT	V27264		02
PT902	SK2701	CONNECTOR	V28198	(206) 08284 - 08353 (T206) 08705 - 09212	01
	FC120N2	. CONTACT	V28198		AR
PT1011	S3284-1	CONNECTOR - COMM 1	V07688	(206) 08284 - 08353 (T206) 08705 - 09212	01
PT1012	S3284-1	CONNECTOR - GPS 1	V07688	(206) 08284 - 08353 (T206) 08705 - 09212	01
PT1013	S3284-1	CONNECTOR - GLIDESLOPE 1	V07688	(206) 08284 - 08353 (T206) 08705 - 09212	01
PT1014	S3284-1	CONNECTOR - VOR/NAV 1	V07688	(206) 08284 - 08353 (T206) 08705 - 09212	01
PT1015	S3284-1	CONNECTOR - VOR/NAV 2	V07688	(206) 08284 - 08353 (T206) 08705 - 09212	01
PT1016	S3284-1	CONNECTOR - GLIDESLOPE 2	V07688	(206) 08284 - 08353 (T206) 08705 - 09212	01
PT1017	S3284-1	CONNECTOR - GPS 2	V07688	(206) 08284 - 08353 (T206) 08705 - 09212	01
PT1018	S3284-1	CONNECTOR - COMM 2	V07688	(206) 08284 - 08353 (T206) 08705 - 09212	01
PT1019	S3284-1	CONNECTOR - NAV 1	V07688	(206) 08284 - 08353 (T206) 08705 - 09212	01
PT1020	S3284-1	CONNECTOR - GLIDESLOPE 1	V07688	(206) 08284 - 08353 (T206) 08705 - 09212	01
PT1021	225555-6	COAX CONNECTOR - NAV/GS ANTENNA	V00779	(206) 08284 - 08353 (T206) 08705 - 09212	01
PT1022	S3284-1	CONNECTOR - NAV 2	V07688	(206) 08284 - 08353 (T206) 08705 - 09212	01
PT1023	S3284-1	CONNECTOR - GLIDESLOPE 2	V07688	(206) 08284 - 08353 (T206) 08705 - 09212	01
PV1002	UG88C/U	CONNECTOR - VERTICAL TAIL DISCONNECT (ZONE 340) FOR SPARES ORDER (MUST REPLACE WITH): S3284-1	V07688	(206) 08284 - 08353 (T206) 08705 - 09212	01
	S3284-1	CONNECTOR	V07688	(206) 08284 - 08353 (T206) 08705 - 09212	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 02 : Sheet 01 : GARMIN INTEGRATED AVIONICS SYSTEM - WITH NAV III OPTION



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

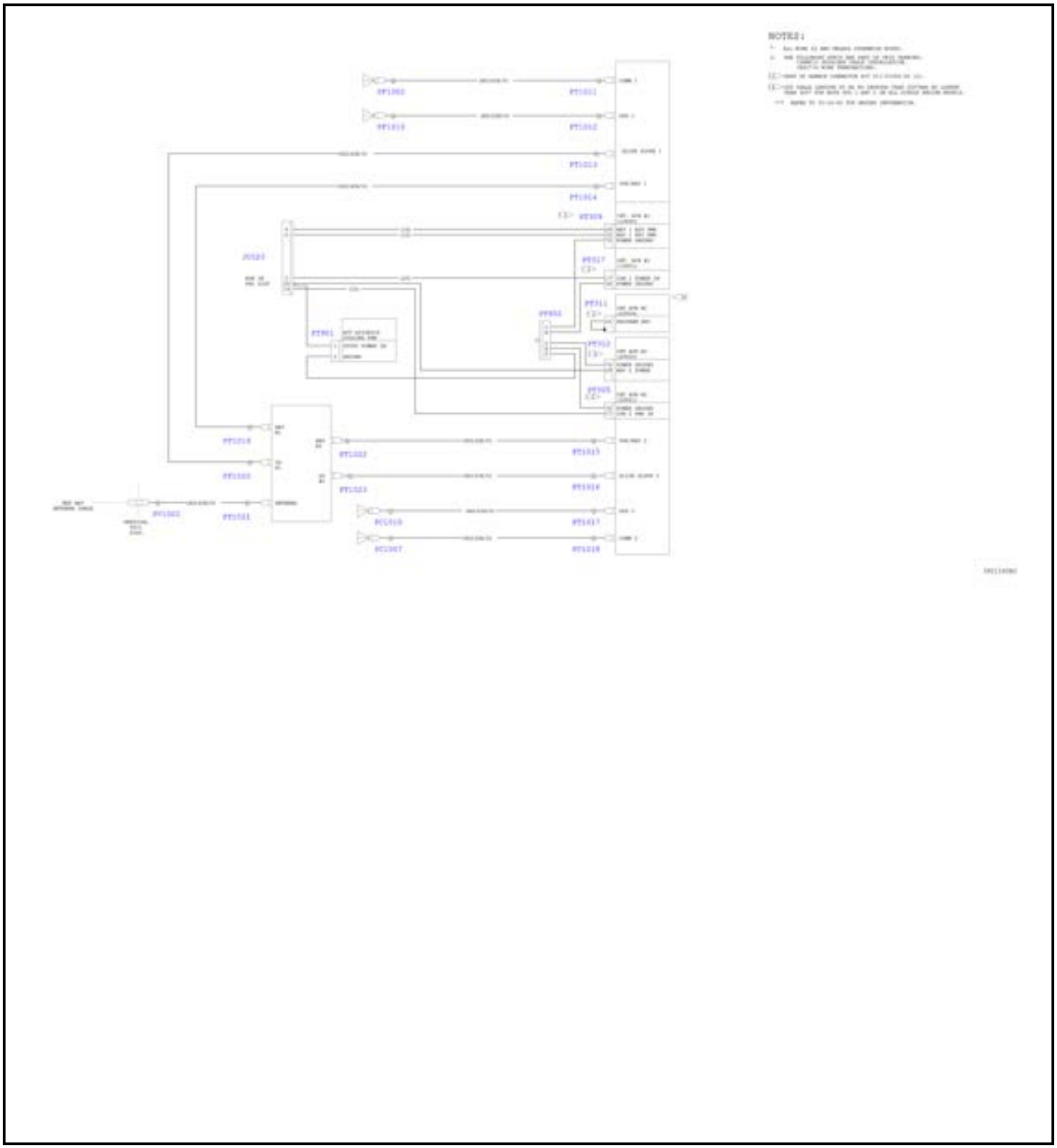
GARMIN INTEGRATED AVIONICS SYSTEM - WITH NAV III OPTION

AIRPLANES (206) 08354 & ON AND AIRPLANES (T206) 09213 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
JC023	S2350-10	CONNECTOR - AVIONIC CIRCUIT BREAKER DISCONNECT		(206) 08354 & ON (T206) 09213 & ON	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
	S2353-7	. PIN			AR
PC1007	UG913A/U	COAX CONNECTOR - COMM 2 ANTENNA	V07688	(206) 08354 & ON (T206) 09213 & ON	01
PC1010	225559-2	CONNECTOR	V00779	(206) 08354 & ON (T206) 09213 & ON	01
PF1002	UG913A/U	COAX CONNECTOR - COMM 1 ANTENNA (ZONE 210)	V07688	(206) 08354 & ON (T206) 09213 & ON	01
PF1010	225559-2	CONNECTOR - GPS 1 ANTENNA	V00779	(206) 08354 & ON (T206) 09213 & ON	01
PT305	330-00185-44	CONNECTOR	V0TRC3	(206) 08354 & ON (T206) 09213 & ON	01
PT309	330-00185-78	CONNECTOR - INTEGRATED AVIONIC #1	V0TRC3	(206) 08354 & ON (T206) 09213 & ON	01
PT311	330-00185-44	CONNECTOR	V0TRC3	(206) 08354 & ON (T206) 09213 & ON	01
PT312	330-00185-78	CONNECTOR	V0TRC3	(206) 08354 & ON (T206) 09213 & ON	01
PT317	330-00185-44	CONNECTOR	V0TRC3	(206) 08354 & ON (T206) 09213 & ON	01
PT901	03-06-1023	CONNECTOR	V27264	(206) 08354 & ON (T206) 09213 & ON	01
	S2216-4	. CONTACT	V27264		02
PT902	SK2701	CONNECTOR	V28198	(206) 08354 & ON (T206) 09213 & ON	01
	FC120N2	. CONTACT	V28198		AR
PT1011	S3284-1	CONNECTOR - COMM 1	V07688	(206) 08354 & ON (T206) 09213 & ON	01
PT1012	S3284-1	CONNECTOR - GPS 1	V07688	(206) 08354 & ON (T206) 09213 & ON	01
PT1013	S3284-1	CONNECTOR - GLIDESLOPE 1	V07688	(206) 08354 & ON (T206) 09213 & ON	01
PT1014	S3284-1	CONNECTOR - VOR/NAV 1	V07688	(206) 08354 & ON (T206) 09213 & ON	01
PT1015	S3284-1	CONNECTOR - VOR/NAV 2	V07688	(206) 08354 & ON (T206) 09213 & ON	01
PT1016	S3284-1	CONNECTOR - GLIDESLOPE 2	V07688	(206) 08354 & ON (T206) 09213 & ON	01
PT1017	S3284-1	CONNECTOR - GPS 2	V07688	(206) 08354 & ON (T206) 09213 & ON	01
PT1018	S3284-1	CONNECTOR - COMM 2	V07688	(206) 08354 & ON (T206) 09213 & ON	01
PT1019	S3284-1	CONNECTOR - NAV 1	V07688	(206) 08354 & ON (T206) 09213 & ON	01
PT1020	S3284-1	CONNECTOR - GLIDESLOPE 1	V07688	(206) 08354 & ON (T206) 09213 & ON	01
PT1021	225555-6	COAX CONNECTOR - NAV/GS ANTENNA	V00779	(206) 08354 & ON (T206) 09213 & ON	01
PT1022	S3284-1	CONNECTOR - NAV 2	V07688	(206) 08354 & ON (T206) 09213 & ON	01
PT1023	S3284-1	CONNECTOR - GLIDESLOPE 2	V07688	(206) 08354 & ON (T206) 09213 & ON	01
PV1002	UG88C/U	CONNECTOR - VERTICAL TAIL DISCONNECT (ZONE 340) FOR SPARES ORDER (MUST REPLACE WITH): S3284-1	V07688	(206) 08354 & ON (T206) 09213 & ON	01
	S3284-1	CONNECTOR	V07688	(206) 08354 & ON (T206) 09213 & ON	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 03 : Sheet 01 : GARMIN INTEGRATED AVIONICS SYSTEM - WITH NAV III OPTION



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

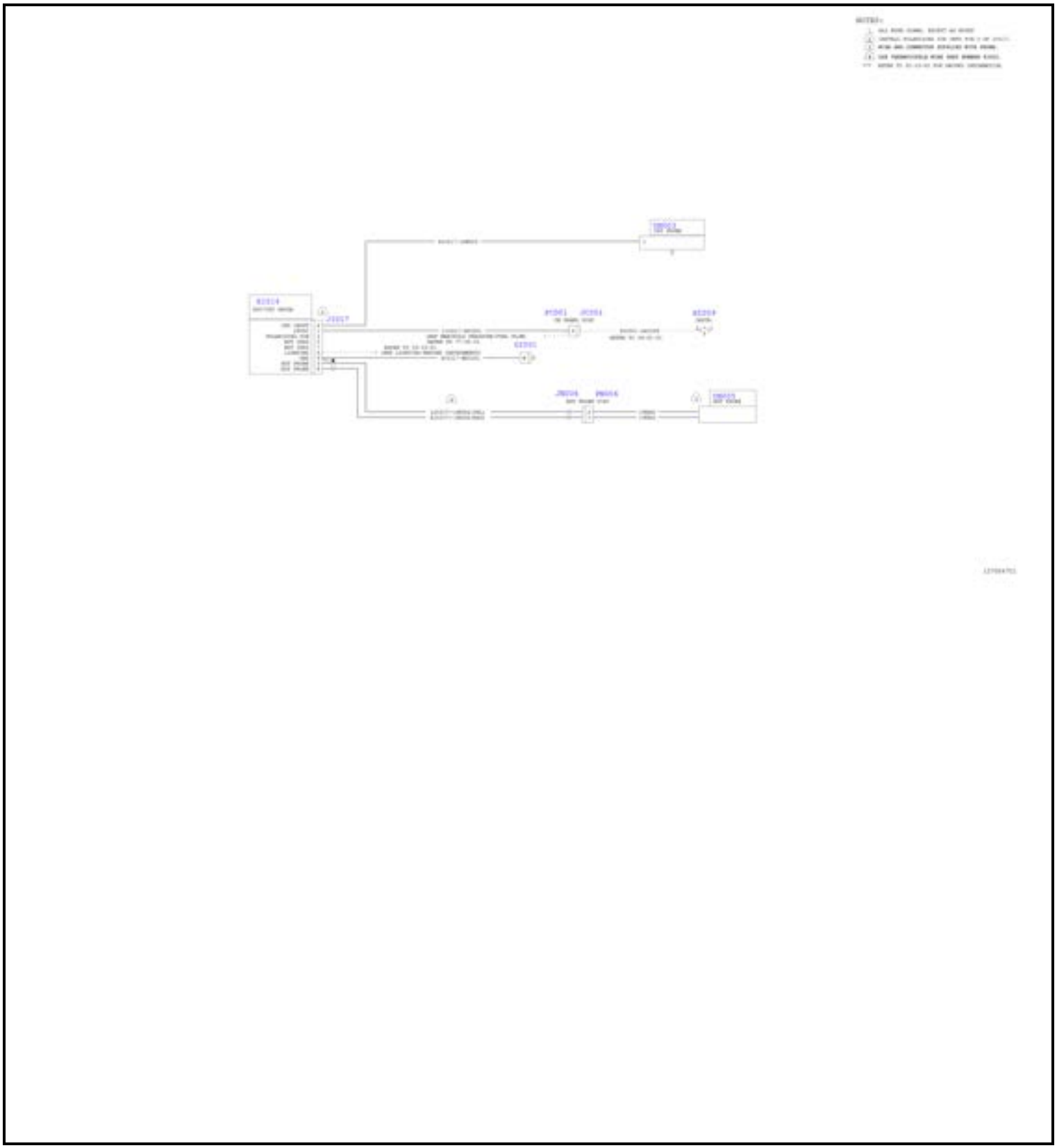
EGT/CHT INDICATING

AIRPLANES (206) 08001 THRU 08138

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
EI014	S3305-3	INDICATOR - TIT/CHT (ZONE 220)		(206) 08001 - 08114	01
EI014	S3305-5	INDICATOR - TIT/CHT (ZONE 220)		(206) 08115 - 08173	01
GI001	S2527-1	GROUND STUD FOR SPARES ORDER (MUST REPLACE WITH): S2099-2		(206) 08001 - 08138	01
	S2099-2	CONTACT		(206) 08001 - 08138	AR
	200838-2	. BLOCK	V00779		AR
	S2527-3	. CLAMP			AR
	S2099-13	. CONTACT			AR
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		02
	201846-1	. JACKSCREW	V00779		AR
	203618-1	. JACKSCREW	V00779		02
HI009	S1360-5L	CIRCUIT BREAKER - INSTRUMENT LIGHTS (ZONE 224)		(206) 08001 - 08138	01
JC001	S2349-5	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08001 - 08138	01
	S1636-2	. CONTACT			AR
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
JI017	S2349-3	CONNECTOR - EGT/CHT GAGE (ZONE 220)		(206) 08001 - 08138	01
	S2099-3	. CONTACT			01
	S2099-4	. CONTACT	V00779		04
	S2414-1	. KEYING PLUG			01
JN006	MJ500-K	CONNECTOR - THERMOCOUPLER (ZONE 120)	V0MXP2	(206) 08001 - 08138	01
PC001	S2350-10	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08001 - 08138	01
	S2350-4	. CONTACT	V00779		01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PN006		CONNECTOR - EGT PROBE DISCONNECT (ZONE 120)			RF
UN003	S2334-3	SENSOR - CHT (ZONE 120)		(206) 08001 - 08138	01
UN005	TE-10985-02	PROBE - EGT (ZONE 120)	V0MXP2	(206) 08001 - 08024	01
UN005	TE-40998-02	PROBE - EGT (ZONE 120)	V0MXP2	(206) 08025 - 08063	01
UN005	86316	SENSOR - EGT (ZONE 120)	V2B785	(206) 08064 & ON	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 01 : Sheet 01 : EGT/CHT INDICATING



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

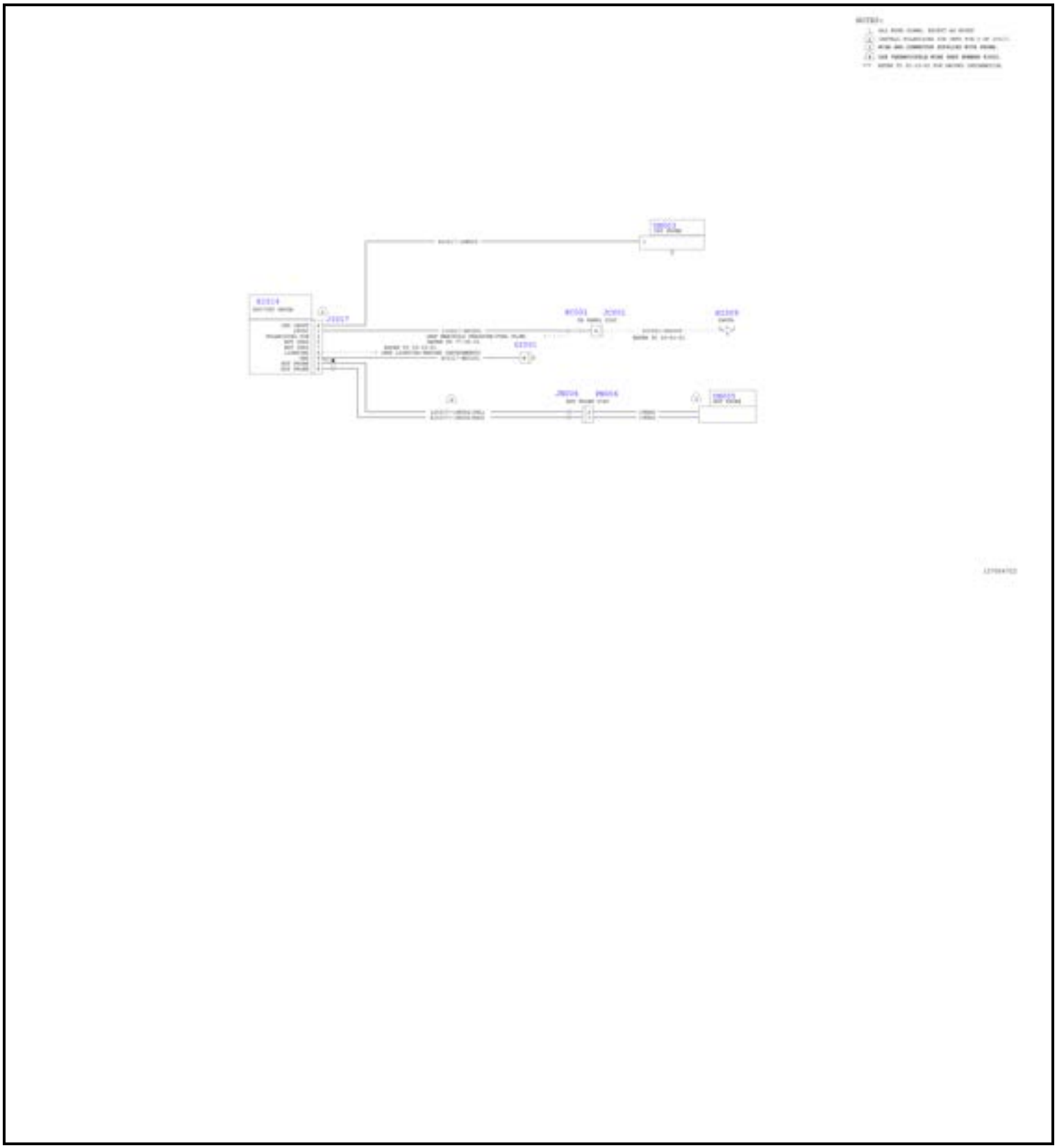
EGT/CHT INDICATING

AIRPLANES (206) 08139 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
EI014	S3305-5	INDICATOR - TIT/CHT (ZONE 220)		(206) 08115 - 08173	01
EI014	S3305-7	INDICATOR - TIT/CHT (ZONE 220)		(206) 08174 & ON	01
GI001	S2527-1	GROUND STUD FOR SPARES ORDER (MUST REPLACE WITH): S2099-2		(206) 08139 & ON	01
	S2099-2	CONTACT		(206) 08139 & ON	AR
	200838-2	. BLOCK	V00779		AR
	S2527-3	. CLAMP			AR
	S2099-13	. CONTACT			AR
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		02
	201846-1	. JACKSCREW	V00779		AR
	203618-1	. JACKSCREW	V00779		02
HI009	S1360-5L	CIRCUIT BREAKER - INSTRUMENT LIGHTS (ZONE 224)		(206) 08139 & ON	01
JC001	S2349-5	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08139 & ON	01
	S1636-2	. CONTACT			AR
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
JI017	S2349-3	CONNECTOR - EGT/CHT GAGE (ZONE 220)		(206) 08139 & ON	01
	S2099-3	. CONTACT			01
	S2099-4	. CONTACT	V00779		04
	S2414-1	. KEYING PLUG			01
JN006	MJ500-K	CONNECTOR - THERMOCOUPLER (ZONE 120)	V0MXP2	(206) 08139 & ON	01
PC001	S2350-10	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08139 & ON	01
	S2350-4	. CONTACT	V00779		01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PN006		CONNECTOR - EGT PROBE DISCONNECT (ZONE 120)			RF
UN003	S2334-3	SENSOR - CHT (ZONE 120)		(206) 08139 & ON	01
UN005	86316	SENSOR - EGT (ZONE 120)	V2B785	(206) 08064 & ON	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 02 : Sheet 01 : EGT/CHT INDICATING



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

TIT/CHT INDICATING

AIRPLANES (T206) 08001 THRU 08259

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
EI016	S3318-2	INDICATOR - TIT/CHT (ZONE 220)		(T206) 08001 - 08361	01
GI001	S3270-2	GROUND BLOCK (ZONE 211) FOR SPARES ORDER (MUST REPLACE WITH): S2099-2		(T206) 08001 - 08259	01
	S2099-2	GROUND STUD		(T206) 08001 - 08259	01
	S2099-4	. CONTACT	V00779		AR
HI009	S1360-5L	CIRCUIT BREAKER - INSTRUMENT LIGHTS (ZONE 224)		(T206) 08001 - 08259	01
JC001	S2349-5	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(T206) 08001 - 08259	01
	S1636-2	. CONTACT			AR
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
JI018	S2349-3	CONNECTOR - TIT/CHT GAGE (ZONE 220)		(T206) 08001 - 08259	01
	S2099-3	. CONTACT			01
	S2099-4	. CONTACT	V00779		04
	S2414-1	. KEYING PLUG			01
JN007	MJ500-K	CONNECTOR - THERMOCOUPLER (ZONE 120)	V0MXP2	(T206) 08001 - 08259	01
PC001	S2350-10	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(T206) 08001 - 08259	01
	S2350-4	. CONTACT	V00779		01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PN007		CONNECTOR - TIT PROBE DISCONNECT (ZONE 120)			RF
UN003	S2334-3	SENSOR - CHT (ZONE 120)		(T206) 08001 - 08259	01
UN008	TE-12525-01	PROBE - TIT (ZONE 120)	V0MXP2	(T206) 08001 - 08259	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 01 : Sheet 01 : TIT/CHT INDICATING



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

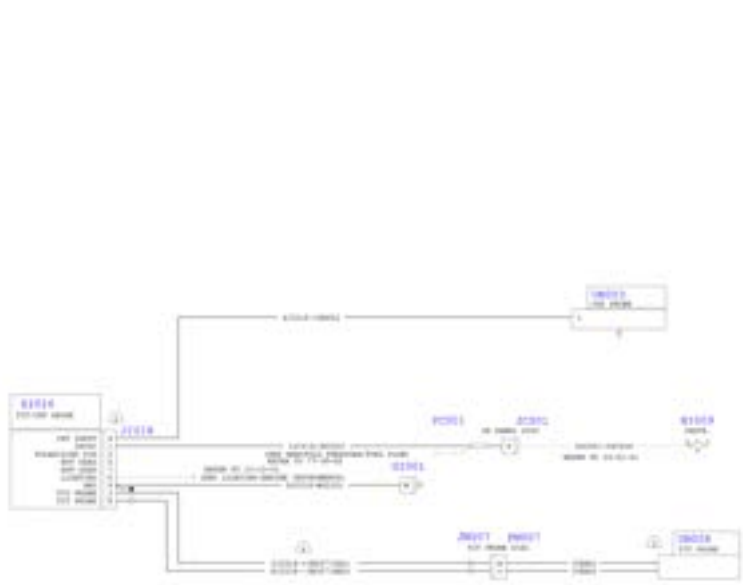
TIT/CHT INDICATING

AIRPLANES (T206) 08260 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
EI016	S3318-2	INDICATOR - TIT/CHT (ZONE 220)		(T206) 08001 - 08361	01
EI016	S3318-4	INDICATOR - TIT/CHT (ZONE 220)		(T206) 08362 & ON	01
GI001	S2527-1	GROUND STUD FOR SPARES ORDER (MUST REPLACE WITH): S2099-2		(T206) 08260 & ON	01
	S2099-2	CONTACT		(T206) 08260 & ON	AR
	200838-2	. BLOCK	V00779		AR
	S2527-3	. CLAMP			AR
	S2099-13	. CONTACT			AR
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		02
	201846-1	. JACKSCREW	V00779		AR
	203618-1	. JACKSCREW	V00779		02
HI009	S1360-5L	CIRCUIT BREAKER - INSTRUMENT LIGHTS (ZONE 224)		(T206) 08260 & ON	01
JC001	S2349-5	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(T206) 08260 & ON	01
	S1636-2	. CONTACT			AR
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
JI018	S2349-3	CONNECTOR - TIT/CHT GAGE (ZONE 220)		(T206) 08260 & ON	01
	S2099-3	. CONTACT			01
	S2099-4	. CONTACT	V00779		04
	S2414-1	. KEYING PLUG			01
JN007	MJ500-K	CONNECTOR - THERMOCOUPLER (ZONE 120)	V0MXP2	(T206) 08260 & ON	01
PC001	S2350-10	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(T206) 08260 & ON	01
	S2350-4	. CONTACT	V00779		01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PN007		CONNECTOR - TIT PROBE DISCONNECT (ZONE 120)			RF
UN003	S2334-3	SENSOR - CHT (ZONE 120)		(T206) 08260 & ON	01
UN008	TE-12525-01	PROBE - TIT (ZONE 120)	V0MXP2	(T206) 08260 & ON	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 02 : Sheet 01 : TIT/CHT INDICATING



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

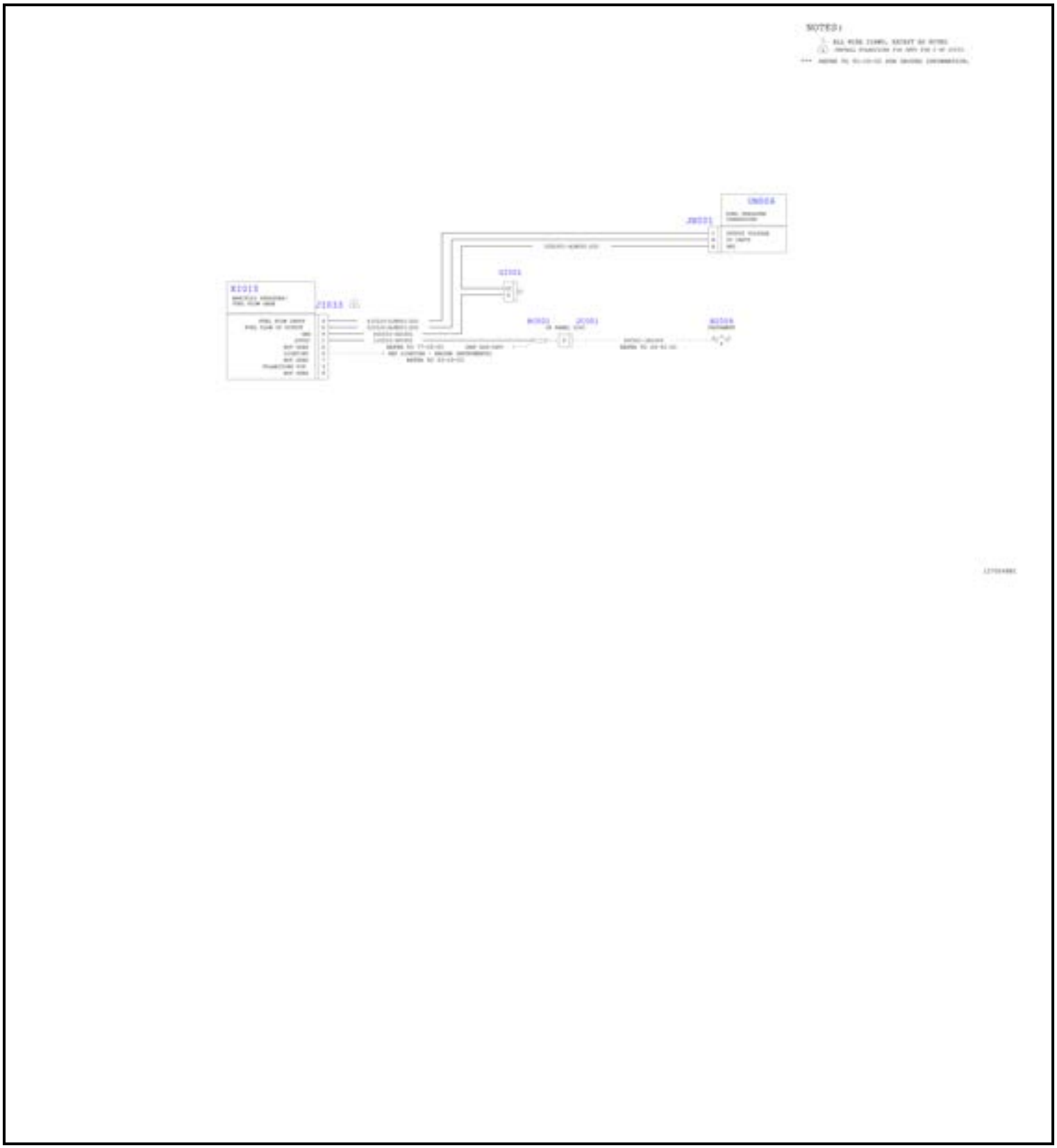
MANIFOLD PRESSURE/FUEL FLOW INDICATING

AIRPLANES (206) 08001 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
EI015	S3355-3	INDICATOR - MANIFOLD PRESSURE/FUEL FLOW (ZONE 220)		(206) 08001 & ON	01
GI001	S2527-1	GROUND STUD FOR SPARES ORDER (MUST REPLACE WITH): S2099-2		(206) 08001 & ON	01
	S2099-2	CONTACT		(206) 08001 & ON	AR
	200838-2	. BLOCK	V00779		AR
	S2527-3	. CLAMP			AR
	S2099-13	. CONTACT			AR
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		02
	201846-1	. JACKSCREW	V00779		AR
	203618-1	. JACKSCREW	V00779		02
HI009	S1360-5L	CIRCUIT BREAKER - INSTRUMENT LIGHTS (ZONE 224)		(206) 08001 & ON	01
JC001	S2349-5	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08001 & ON	01
	S1636-2	. CONTACT			AR
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
JI033	S2349-3	CONNECTOR - MANIFOLD PRES/FUEL FLOW GAGE (ZONE 220)		(206) 08001 & ON	01
	S2099-3	. CONTACT			01
	S2099-4	. CONTACT	V00779		04
	S2414-1	. KEYING PLUG			01
JN001	S2800-277	CONNECTOR - FUEL FLOW TRANSDUCER (ZONE 120)		(206) 08001 & ON	01
PC001	S2350-10	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08001 & ON	01
	S2350-4	. CONTACT	V00779		01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
UN006		TRANSDUCER - FUEL PRESSURE (ZONE 120)			RF

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 01 : Sheet 01 : MANIFOLD PRESSURE/FUEL FLOW INDICATING



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

MANIFOLD PRESSURE/FUEL FLOW INDICATING

AIRPLANES (T206) 08001 THRU 08259

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
EI020	S3374-1	INDICATOR - MANIFOLD PRESSURE/FUEL FLOW (ZONE 220)		(T206) 08001 - 08259	01
GI001	S2527-1	GROUND STUD FOR SPARES ORDER (MUST REPLACE WITH): S2099-2		(T206) 08001 - 08259	01
	S2099-2	CONTACT		(T206) 08001 - 08259	AR
	200838-2	. BLOCK	V00779		AR
	S2527-3	. CLAMP			AR
	S2099-13	. CONTACT			AR
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		02
	201846-1	. JACKSCREW	V00779		AR
	203618-1	. JACKSCREW	V00779		02
HI009	S1360-5L	CIRCUIT BREAKER - INSTRUMENT LIGHTS (ZONE 224)		(T206) 08001 - 08259	01
JC001	S2349-5	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(T206) 08001 - 08259	01
	S1636-2	. CONTACT			AR
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
JI034	S2349-3	CONNECTOR - MANIFOLD PRES/FUEL FLOW GAGE (ZONE 220) FOR SPARES ORDER (MUST REPLACE WITH): S2099-1		(T206) 08001 - 08259	01
	S2099-1	CONTACT		(T206) 08001 - 08259	01
	S2099-3	. CONTACT			01
	S2099-4	. CONTACT	V00779		05
	S2414-1	. KEYING PLUG			01
JN009	S2800-340	CONNECTOR - FUEL FLOW TRANSDUCER DISCONNECT (ZONE 120)		(T206) 08001 - 08259	01
PC001	S2350-10	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(T206) 08001 - 08259	01
	S2350-4	. CONTACT	V00779		01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PN009	230506	CONNECTOR - FUEL FLOW TRANSDUCER DISCONNECT (ZONE 120)	V03KE3	(T206) 08001 - 08259	01
UN011	1256028-1	TRANSDUCER - FUEL FLOW		(T206) 08169 - 08282	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 02 : Sheet 01 : MANIFOLD PRESSURE/FUEL FLOW INDICATING



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

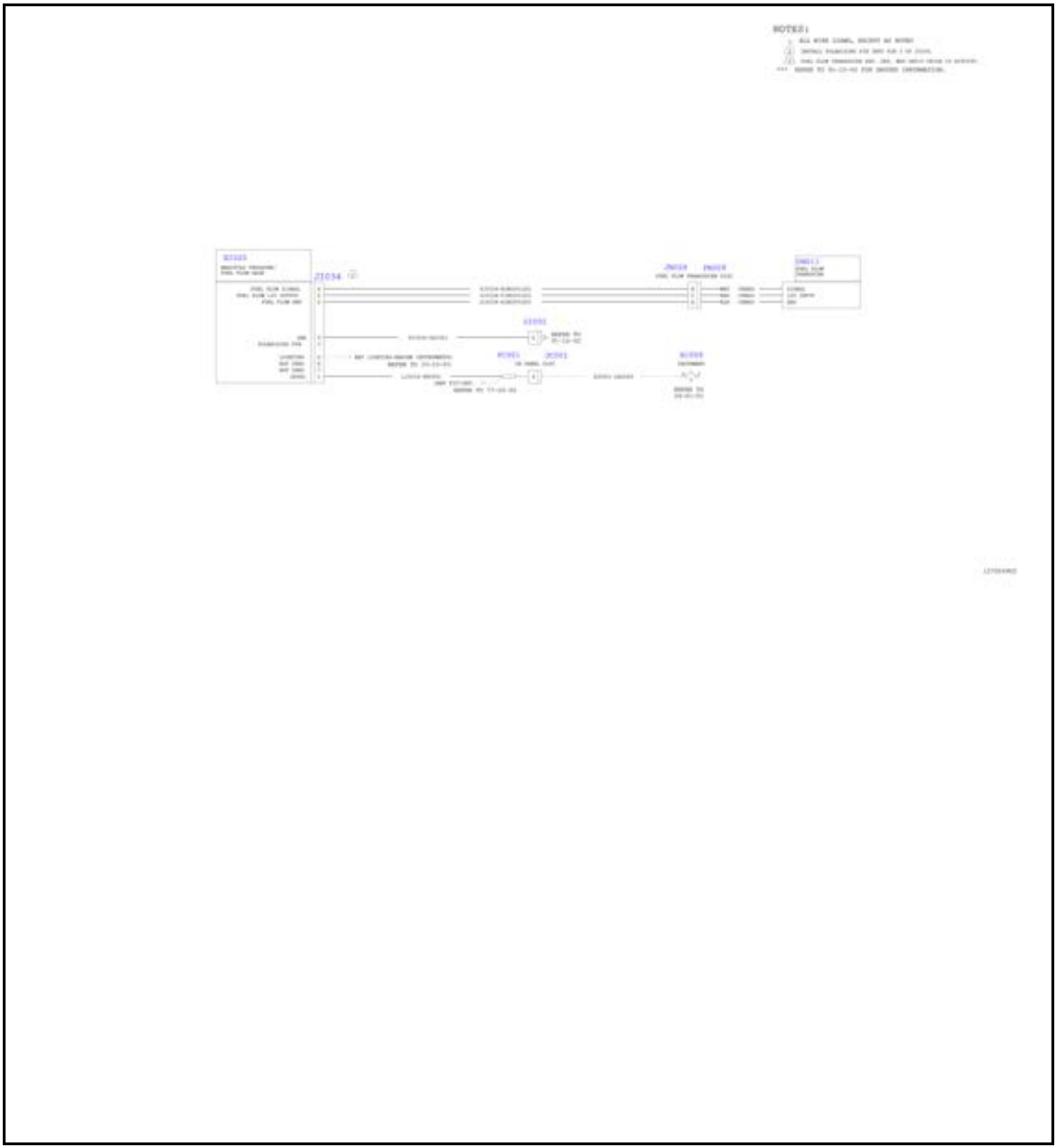
MANIFOLD PRESSURE/FUEL FLOW INDICATING

AIRPLANES (T206) 08260 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
EI020	S3374-1	INDICATOR - MANIFOLD PRESSURE/FUEL FLOW (ZONE 220)		(T206) 08260 & ON	01
GI001	S2527-1	GROUND STUD FOR SPARES ORDER (MUST REPLACE WITH): S2099-2		(T206) 08260 & ON	01
	S2099-2	CONTACT		(T206) 08260 & ON	AR
	200838-2	. BLOCK	V00779		AR
	S2527-3	. CLAMP			AR
	S2099-13	. CONTACT			AR
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		02
	201846-1	. JACKSCREW	V00779		AR
	203618-1	. JACKSCREW	V00779		02
HI009	S1360-5L	CIRCUIT BREAKER - INSTRUMENT LIGHTS (ZONE 224)		(T206) 08260 & ON	01
JC001	S2349-5	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(T206) 08260 & ON	01
	S1636-2	. CONTACT			AR
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
JI034	S2349-3	CONNECTOR - MANIFOLD PRES/FUEL FLOW GAGE (ZONE 220) FOR SPARES ORDER (MUST REPLACE WITH): S2099-1		(T206) 08260 & ON	01
	S2099-1	CONTACT		(T206) 08260 & ON	01
	S2099-3	. CONTACT			01
	S2099-4	. CONTACT	V00779		05
	S2414-1	. KEYING PLUG			01
JN009	S2800-340	CONNECTOR - FUEL FLOW TRANSDUCER DISCONNECT (ZONE 120)		(T206) 08260 & ON	01
PC001	S2350-10	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(T206) 08260 & ON	01
	S2350-4	. CONTACT	V00779		01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PN009	230506	CONNECTOR - FUEL FLOW TRANSDUCER DISCONNECT (ZONE 120)	V03KE3	(T206) 08260 & ON	01
UN011	1256028-1	TRANSDUCER - FUEL FLOW		(T206) 08169 - 08282	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 03 : Sheet 01 : MANIFOLD PRESSURE/FUEL FLOW INDICATING



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

ENGINE AND AIRFRAME MONITOR

AIRPLANES (206) 08215 THRU 08292 WITH NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
JC031	S2350-4	CONNECTOR - ELECTRICAL/AVIONIC DISCONNECT	V00779	(206) 08215 - 08292	01
	S2353-5	. PIN			AR
JN011	NMP-K-F	CONNECTOR - #1 EGT SENSOR DISCONNECT (ZONE 220)	V29907	(206) 08215 - 08292	01
	PCLM-NMP	. BACKSHELL - CABLE CLAMP	V29907		01
JN012	NMP-K-F	CONNECTOR - #2 EGT SENSOR DISCONNECT (ZONE 220)	V29907	(206) 08215 - 08292	01
	PCLM-NMP	. BACKSHELL - CABLE CLAMP	V29907		01
JN013	NMP-K-F	CONNECTOR - #3 EGT SENSOR DISCONNECT (ZONE 220)	V29907	(206) 08215 - 08292	01
	PCLM-NMP	. BACKSHELL - CABLE CLAMP	V29907		01
JN014	NMP-K-F	CONNECTOR - #4 EGT SENSOR DISCONNECT (ZONE 220)	V29907	(206) 08215 - 08292	01
	PCLM-NMP	. BACKSHELL - CABLE CLAMP	V29907		01
JN015	NMP-K-F	CONNECTOR - #5 EGT SENSOR DISCONNECT (ZONE 220)	V29907	(206) 08215 - 08292	01
	PCLM-NMP	. BACKSHELL - CABLE CLAMP	V29907		01
JN016	NMP-K-F	CONNECTOR - #6 EGT SENSOR DISCONNECT (ZONE 220)	V29907	(206) 08215 - 08292	01
	PCLM-NMP	. BACKSHELL - CABLE CLAMP	V29907		01
JN017	NMP-K-F	CONNECTOR - #1 CHT SENSOR DISCONNECT (ZONE 220)	V29907	(206) 08215 - 08292	01
	PCLM-NMP	. BACKSHELL - CABLE CLAMP	V29907		01
JN018	NMP-K-F	CONNECTOR - #2 CHT SENSOR DISCONNECT (ZONE 220)	V29907	(206) 08215 - 08292	01
	PCLM-NMP	. BACKSHELL - CABLE CLAMP	V29907		01
JN019	NMP-K-F	CONNECTOR - #3 CHT SENSOR DISCONNECT (ZONE 220)	V29907	(206) 08215 - 08292	01
	PCLM-NMP	. BACKSHELL - CABLE CLAMP	V29907		01
JN020	NMP-K-F	CONNECTOR - #3 CHT SENSOR DISCONNECT (ZONE 220)	V29907	(206) 08215 - 08292	01
	PCLM-NMP	. BACKSHELL - CABLE CLAMP	V29907		01
JN021	NMP-K-F	CONNECTOR - #5 CHT SENSOR DISCONNECT (ZONE 220)	V29907	(206) 08215 - 08292	01
	PCLM-NMP	. BACKSHELL - CABLE CLAMP	V29907		01
JN022	NMP-K-F	CONNECTOR - #6 CHT SENSOR DISCONNECT (ZONE 220)	V29907	(206) 08215 - 08292	01
	PCLM-NMP	. BACKSHELL - CABLE CLAMP	V29907		01
PC031	S2349-3	CONNECTOR - ELECTRICAL/AVIONIC DISCONNECT		(206) 08215 - 08292	01
	S2099-4	. CONTACT	V00779		06
PI037	330-00195-78	CONNECTOR - ENGINE/AIRFRAME MONITOR (ZONE 220)	V0TRC3	(206) 08215 - 08292	01
PN011	336-00021-00	CONNECTOR - #1 EGT SENSOR DISCONNECT (ZONE 220)	V0TRC3	(206) 08215 - 08292	01
PN012	336-00021-00	CONNECTOR - #2 EGT SENSOR DISCONNECT (ZONE 220)	V0TRC3	(206) 08215 - 08292	01
PN013	336-00021-00	CONNECTOR - #3 EGT SENSOR DISCONNECT (ZONE 220)	V0TRC3	(206) 08215 - 08292	01
PN014	336-00021-00	CONNECTOR - #4 EGT SENSOR DISCONNECT (ZONE 220)	V0TRC3	(206) 08215 - 08292	01
PN015	336-00021-00	CONNECTOR - #5 EGT SENSOR DISCONNECT (ZONE 220)	V0TRC3	(206) 08215 - 08292	01
PN016	336-00021-00	CONNECTOR - #6 EGT SENSOR DISCONNECT (ZONE 220)	V0TRC3	(206) 08215 - 08292	01
PN017	336-00021-00	CONNECTOR - #1 CHT SENSOR DISCONNECT (ZONE 220)	V0TRC3	(206) 08215 - 08292	01
PN018	336-00021-00	CONNECTOR - #2 CHT SENSOR DISCONNECT (ZONE 220)	V0TRC3	(206) 08215 - 08292	01
PN019	336-00021-00	CONNECTOR - #3 CHT SENSOR DISCONNECT (ZONE 220)	V0TRC3	(206) 08215 - 08292	01
PN020	336-00021-00	CONNECTOR - #4 CHT SENSOR DISCONNECT (ZONE 220)	V0TRC3	(206) 08215 - 08292	01
PN021	336-00021-00	CONNECTOR - #5 CHT SENSOR DISCONNECT (ZONE 220)	V0TRC3	(206) 08215 - 08292	01
PN022	336-00021-00	CONNECTOR - #6 CHT SENSOR DISCONNECT (ZONE 220)	V0TRC3	(206) 08215 - 08292	01
TI001		THERMOCOUPLE ASSEMBLY (ZONE 220)			RF
UI001		MODULE - CONFIGURATION			RF
UI008		MONITOR - ENGINE/AIRFRAME (ZONE 220)			RF
UN014		SENSOR - #1 EGT (ZONE 121)			RF
UN015		SENSOR - #2 EGT (ZONE 121)			RF
UN016		SENSOR - #3 EGT (ZONE 121)			RF
UN017		SENSOR - #4 EGT (ZONE 121)			RF
UN018		SENSOR - #5 EGT (ZONE 121)			RF
UN019		SENSOR - #6 EGT (ZONE 121)			RF
UN020		SENSOR - #1 CHT (ZONE 122)			RF
UN021		SENSOR - #2 CHT (ZONE 122)			RF
UN022		SENSOR - #3 CHT (ZONE 122)			RF
UN023		SENSOR - #4 CHT (ZONE 122)			RF
UN024		SENSOR - #5 CHT (ZONE 122)			RF
UN025		SENSOR - #6 CHT (ZONE 122)			RF

ENGINE AND AIRFRAME MONITOR

AIRPLANES (206) 08215 THRU 08292 WITH NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	EFFECTIVITY	UNITS PER ASSY
EI003	C66503-0103	HOURMETER (ZONE 221)	(206) 08215 - 08292	01
	S1493-1	. TERMINAL		02
GF011	1208001-2	GROUND STUD (ZONE 120)	(206) 08215 - 08292	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

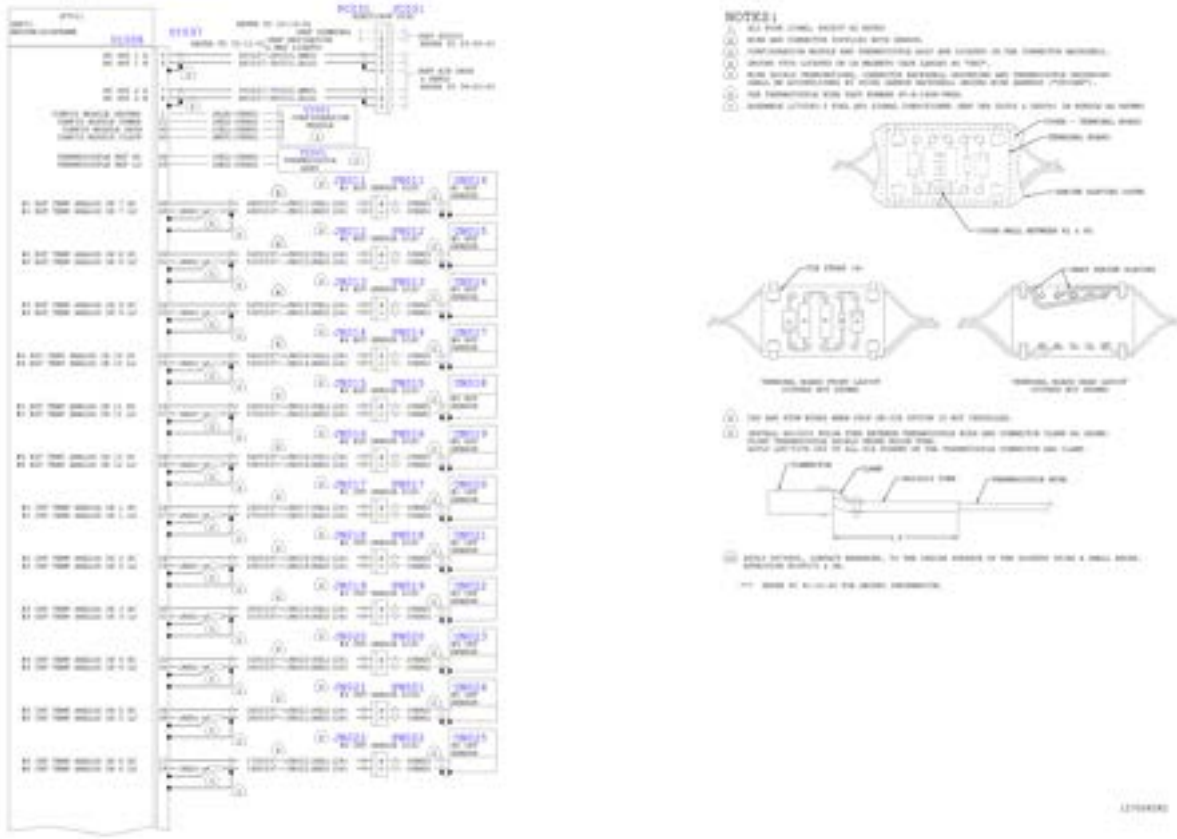
ENGINE AND AIRFRAME MONITOR

AIRPLANES (206) 08215 THRU 08292 WITH NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GI001	S2527-1	GROUND STUD FOR SPARES ORDER (MUST REPLACE WITH): S2099-2		(206) 08215 - 08292	01
	S2099-2	CONTACT		(206) 08215 - 08292	AR
	200838-2	. BLOCK	V00779		AR
	S2527-3	. CLAMP			AR
	S2099-13	. CONTACT			AR
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		02
	201846-1	. JACKSCREW	V00779		AR
	203618-1	. JACKSCREW	V00779		02
GL010	1208001-2	GROUND STUD (ZONE 510)		(206) 08215 - 08292	01
GN004		GROUND (ZONE 120)			RF
GR010	1208001-2	GROUND STUD (ZONE 610)		(206) 08215 - 08292	01
J1	S1640-6	CONNECTOR - JUNCTION BOX DISCONNECT (ZONE 510)		(206) 08215 - 08292	01
	S1635-1	. CONTACT	V49367		AR
JC024	S2350-4	CONNECTOR - ELECTRICAL CIRCUIT BREAKER PANEL DISCONNECT (ZONE 120)	V00779	(206) 08215 - 08292	01
	S2353-4	. PIN			01
	S2353-5	. PIN			01
JC026	S2350-3	RECEPTACLE - SWITCH PANEL DISCONNECT (ZONE 120)		(206) 08215 - 08292	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
	S2353-6	. CONTACT			AR
	S3373-1	. CONTACT			AR
	S2353-3	. PIN	V00779		AR
JN004	S2800-277	CONNECTOR - OIL PRESSURE TRANSDUCER (ZONE 120)		(206) 08215 - 08292	01
JN005	S2800-276	CONNECTOR - OIL PRESSURE SWITCH (ZONE 120)		(206) 08215 - 08292	01
JN009	S2800-340	CONNECTOR - FUEL FLOW TRANSDUCER DISCONNECT (ZONE 120)		(206) 08215 - 08292	01
PB018	S2800-274	CONNECTOR - JUNCTION BOX DISCONNECT (ZONE 121)		(206) 08215 - 08292	01
PC013	S3373-2	CONNECTOR - PROPELLER HEAT TIMER/MONITOR (ZONE 110)		(206) 08215 - 08292	01
	S2351-3	. CLAMP			01
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		04
	S2349-3	. PLUG			AR
PC024	S2349-3	CONNECTOR - ELECTRICAL CIRCUIT BREAKER PANEL DISCONNECT		(206) 08215 - 08292	01
	S2099-3	. CONTACT			03
	S2099-4	. CONTACT	V00779		06
PC026	S2349-1	PLUG - SWITCH PANEL DISCONNECT	V00779	(206) 08215 - 08292	01
	S2099-3	. CONTACT			02
	S2099-4	. CONTACT	V00779		09
	S3373-2	. CONTACT			AR
PC034	S2800-277	CONNECTOR - MANIFOLD PRESSURE TRANSDUCER		(206) 08215 - 08292	01
PF003	S2800-277	CONNECTOR - VACUUM PRESSURE TRANSDUCER FOR SPARES ORDER (MUST REPLACE WITH): AEKTKSAD0404		(206) 08215 - 08292	01
	AEKTKSAD0404	CONNECTOR KIT	V1F242	(206) 08215 - 08292	01
PI037	330-00195-78	CONNECTOR - ENGINE/AIRFRAME MONITOR (ZONE 220)	V0TRC3	(206) 08215 - 08292	01
PI038	330-00195-78	CONNECTOR - ENGINE/AIRFRAME MONITOR (ZONE 220)	V0TRC3	(206) 08215 - 08292	01
PN009	230506	CONNECTOR - FUEL FLOW TRANSDUCER DISCONNECT (ZONE 120)	V03KE3	(206) 08215 - 08292	01
PN025	6280-3SG-513	CONNECTOR - TACHOMETER SENSOR (ZONE 220)	V023K3	(206) 08215 - 08292	01
SN001	83278	SWITCH - OIL PRESSURE (ZONE 120)	V74400	(206) 08215 - 08292	01
UC001		TIMER/MONITOR - PROPELLER HEAT (ZONE 224)			RF
UF003	S2335-1	TRANSDUCER - VACUUM PRESSURE (ZONE 120)		(206) 08215 - 08292	01
UI006		TRANSDUCER - OIL PRESSURE (ZONE 120)			RF
UI008		MONITOR - ENGINE/AIRFRAME (ZONE 220)			RF
UL002	S3852-3	TRANSMITTER - LEFT FUEL QUANTITY (ZONE 510)		(206) 08215 - 08292	01
UL004	1270582-3	CONDITIONER - LEFT FUEL QUANITY		(206) 08215 - 08292	01
	RN55C1001F	. RESISTOR			01
	RN65E4990B	. RESISTOR			02
	1.5KE18A	. TRANSZORB	V24444		02
UN004		SENSOR - OIL TEMPERATURE (ZONE 120)			RF
UN006		TRANSDUCER - FUEL PRESSURE (ZONE 120)			RF
UN011		TRANSDUCER-FUEL FLOW			RF
UN028		SENSOR - TACHOMETER			RF
UR002	S3852-4	TRANSMITTER - RIGHT FUEL QUANTITY (ZONE 610)		(206) 08215 - 08292	01
UR004	1270582-3	CONDITIONER - RIGHT FUEL QUANITY		(206) 08215 - 08292	01
	RN55C1001F	. RESISTOR			01
	RN65E4990B	. RESISTOR			02
	1.5KE18A	. TRANSZORB	V24444		02

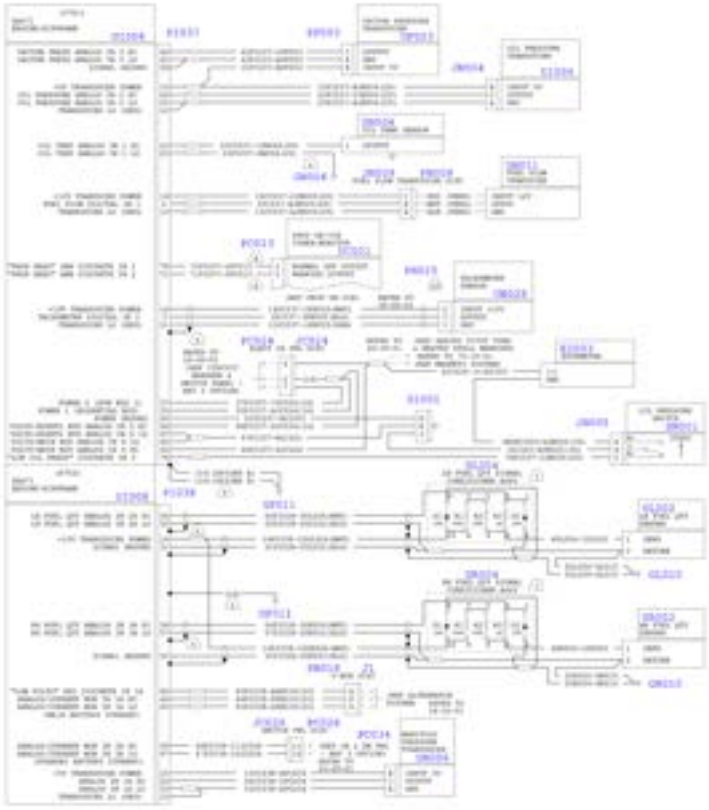
Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 01 : Sheet 01 : ENGINE AND AIRFRAME MONITOR



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 01 : Sheet 02 : ENGINE AND AIRFRAME MONITOR



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

ENGINE AND AIRFRAME MONITOR

AIRPLANES (T206) 08450 THRU 08744 WITH NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
JC031	S2350-4	CONNECTOR - ELECTRICAL/AVIONIC DISCONNECT	V00779	(T206) 08450 - 08744	01
	S2353-5	. PIN			AR
JN011	NMP-K-F	CONNECTOR - #1 EGT SENSOR DISCONNECT (ZONE 220)	V29907	(T206) 08450 - 08744	01
	PCLM-NMP	. BACKSHELL - CABLE CLAMP	V29907		01
JN012	NMP-K-F	CONNECTOR - #2 EGT SENSOR DISCONNECT (ZONE 220)	V29907	(T206) 08450 - 08744	01
	PCLM-NMP	. BACKSHELL - CABLE CLAMP	V29907		01
JN013	NMP-K-F	CONNECTOR - #3 EGT SENSOR DISCONNECT (ZONE 220)	V29907	(T206) 08450 - 08744	01
	PCLM-NMP	. BACKSHELL - CABLE CLAMP	V29907		01
JN014	NMP-K-F	CONNECTOR - #4 EGT SENSOR DISCONNECT (ZONE 220)	V29907	(T206) 08450 - 08744	01
	PCLM-NMP	. BACKSHELL - CABLE CLAMP	V29907		01
JN015	NMP-K-F	CONNECTOR - #5 EGT SENSOR DISCONNECT (ZONE 220)	V29907	(T206) 08450 - 08744	01
	PCLM-NMP	. BACKSHELL - CABLE CLAMP	V29907		01
JN016	NMP-K-F	CONNECTOR - #6 EGT SENSOR DISCONNECT (ZONE 220)	V29907	(T206) 08450 - 08744	01
	PCLM-NMP	. BACKSHELL - CABLE CLAMP	V29907		01
JN017	NMP-K-F	CONNECTOR - #1 CHT SENSOR DISCONNECT (ZONE 220)	V29907	(T206) 08450 - 08744	01
	PCLM-NMP	. BACKSHELL - CABLE CLAMP	V29907		01
JN018	NMP-K-F	CONNECTOR - #2 CHT SENSOR DISCONNECT (ZONE 220)	V29907	(T206) 08450 - 08744	01
	PCLM-NMP	. BACKSHELL - CABLE CLAMP	V29907		01
JN019	NMP-K-F	CONNECTOR - #3 CHT SENSOR DISCONNECT (ZONE 220)	V29907	(T206) 08450 - 08744	01
	PCLM-NMP	. BACKSHELL - CABLE CLAMP	V29907		01
JN020	NMP-K-F	CONNECTOR - #3 CHT SENSOR DISCONNECT (ZONE 220)	V29907	(T206) 08450 - 08744	01
	PCLM-NMP	. BACKSHELL - CABLE CLAMP	V29907		01
JN021	NMP-K-F	CONNECTOR - #5 CHT SENSOR DISCONNECT (ZONE 220)	V29907	(T206) 08450 - 08744	01
	PCLM-NMP	. BACKSHELL - CABLE CLAMP	V29907		01
JN022	NMP-K-F	CONNECTOR - #6 CHT SENSOR DISCONNECT (ZONE 220)	V29907	(T206) 08450 - 08744	01
	PCLM-NMP	. BACKSHELL - CABLE CLAMP	V29907		01
JN023	NMP-K-F	CONNECTOR - TIT SENSOR DISCONNECT (ZONE 120)	V29907	(T206) 08450 - 08744	01
	PCLM-NMP	. BACKSHELL - CABLE CLAMP	V29907		01
PC031	S2349-3	CONNECTOR - ELECTRICAL/AVIONIC DISCONNECT		(T206) 08450 - 08744	01
	S2099-4	. CONTACT	V00779		06
PI037	330-00195-78	CONNECTOR - ENGINE/AIRFRAME MONITOR (ZONE 220)	V0TRC3	(T206) 08450 - 08744	01
PN011	336-00021-00	CONNECTOR - #1 EGT SENSOR DISCONNECT (ZONE 220)	V0TRC3	(T206) 08450 - 08744	01
PN012	336-00021-00	CONNECTOR - #2 EGT SENSOR DISCONNECT (ZONE 220)	V0TRC3	(T206) 08450 - 08744	01
PN013	336-00021-00	CONNECTOR - #3 EGT SENSOR DISCONNECT (ZONE 220)	V0TRC3	(T206) 08450 - 08744	01
PN014	336-00021-00	CONNECTOR - #4 EGT SENSOR DISCONNECT (ZONE 220)	V0TRC3	(T206) 08450 - 08744	01
PN015	336-00021-00	CONNECTOR - #5 EGT SENSOR DISCONNECT (ZONE 220)	V0TRC3	(T206) 08450 - 08744	01
PN016	336-00021-00	CONNECTOR - #6 EGT SENSOR DISCONNECT (ZONE 220)	V0TRC3	(T206) 08450 - 08744	01
PN017	336-00021-00	CONNECTOR - #1 CHT SENSOR DISCONNECT (ZONE 220)	V0TRC3	(T206) 08450 - 08744	01
PN018	336-00021-00	CONNECTOR - #2 CHT SENSOR DISCONNECT (ZONE 220)	V0TRC3	(T206) 08450 - 08744	01
PN019	336-00021-00	CONNECTOR - #3 CHT SENSOR DISCONNECT (ZONE 220)	V0TRC3	(T206) 08450 - 08744	01
PN020	336-00021-00	CONNECTOR - #4 CHT SENSOR DISCONNECT (ZONE 220)	V0TRC3	(T206) 08450 - 08744	01
PN021	336-00021-00	CONNECTOR - #5 CHT SENSOR DISCONNECT (ZONE 220)	V0TRC3	(T206) 08450 - 08744	01
PN022	336-00021-00	CONNECTOR - #6 CHT SENSOR DISCONNECT (ZONE 220)	V0TRC3	(T206) 08450 - 08744	01
PN023	336-00021-00	CONNECTOR - TIT SENSOR DISCONNECT (ZONE 220)	V0TRC3	(T206) 08450 - 08744	01
TI001		THERMOCOUPLE ASSEMBLY (ZONE 220)			RF
UI001		MODULE - CONFIGURATION			RF
UI008		MONITOR - ENGINE/AIRFRAME (ZONE 220)			RF
UN014		SENSOR - #1 EGT (ZONE 121)			RF
UN015		SENSOR - #2 EGT (ZONE 121)			RF
UN016		SENSOR - #3 EGT (ZONE 121)			RF
UN017		SENSOR - #4 EGT (ZONE 121)			RF
UN018		SENSOR - #5 EGT (ZONE 121)			RF
UN019		SENSOR - #6 EGT (ZONE 121)			RF
UN020		SENSOR - #1 CHT (ZONE 122)			RF
UN021		SENSOR - #2 CHT (ZONE 122)			RF
UN022		SENSOR - #3 CHT (ZONE 122)			RF
UN023		SENSOR - #4 CHT (ZONE 122)			RF
UN024		SENSOR - #5 CHT (ZONE 122)			RF
UN025		SENSOR - #6 CHT (ZONE 122)			RF
UN026		CONNECTOR - TIT SENSOR			RF

ENGINE AND AIRFRAME MONITOR

AIRPLANES (T206) 08450 THRU 08744 WITH NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	EFFECTIVITY	UNITS PER ASSY

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

ENGINE AND AIRFRAME MONITOR

AIRPLANES (T206) 08450 THRU 08744 WITH NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
EI003	C66503-0103	HOURMETER (ZONE 221)		(T206) 08450 - 08744	01
	S1493-1	. TERMINAL			02
GF011	1208001-2	GROUND STUD (ZONE 120)		(T206) 08450 - 08744	01
GI001	S2527-1	GROUND STUD FOR SPARES ORDER (MUST REPLACE WITH): S2099-2		(T206) 08450 - 08744	01
	S2099-2	CONTACT		(T206) 08450 - 08744	AR
	200838-2	. BLOCK	V00779		AR
	S2527-3	. CLAMP			AR
	S2099-13	. CONTACT			AR
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		02
	201846-1	. JACKSCREW	V00779		AR
	203618-1	. JACKSCREW	V00779		02
GL010	1208001-2	GROUND STUD (ZONE 510)		(T206) 08450 - 08744	01
GN004		GROUND (ZONE 120)			RF
GR010	1208001-2	GROUND STUD (ZONE 610)		(T206) 08450 - 08744	01
J1	S1640-6	CONNECTOR - JUNCTION BOX DISCONNECT (ZONE 510)		(T206) 08450 - 08744	01
	S1635-1	. CONTACT	V49367		AR
JC024	S2350-4	CONNECTOR - ELECTRICAL CIRCUIT BREAKER PANEL DISCONNECT (ZONE 120)	V00779	(T206) 08450 - 08744	01
	S2353-4	. PIN			01
	S2353-5	. PIN			01
JC026	S2350-3	RECEPTACLE - SWITCH PANEL DISCONNECT (ZONE 120)		(T206) 08450 - 08744	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
	S2353-6	. CONTACT			AR
	S3373-1	. CONTACT			AR
	S2353-3	. PIN	V00779		AR
JN004	S2800-277	CONNECTOR - OIL PRESSURE TRANSDUCER (ZONE 120)		(T206) 08450 - 08744	01
JN005	S2800-276	CONNECTOR - OIL PRESSURE SWITCH (ZONE 120)		(T206) 08450 - 08744	01
JN009	S2800-340	CONNECTOR - FUEL FLOW TRANSDUCER DISCONNECT (ZONE 120)		(T206) 08450 - 08744	01
PB018	S2800-274	CONNECTOR - JUNCTION BOX DISCONNECT (ZONE 121)		(T206) 08450 - 08744	01
PC013	S3373-2	CONNECTOR - PROPELLER HEAT TIMER/MONITOR (ZONE 110)		(T206) 08450 - 08744	01
	S2351-3	. CLAMP			01
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		04
	S2349-3	. PLUG			AR
PC024	S2349-3	CONNECTOR - ELECTRICAL CIRCUIT BREAKER PANEL DISCONNECT		(T206) 08450 - 08744	01
	S2099-3	. CONTACT			03
	S2099-4	. CONTACT	V00779		06
PC026	S2349-1	PLUG - SWITCH PANEL DISCONNECT	V00779	(T206) 08450 - 08744	01
	S2099-3	. CONTACT			02
	S2099-4	. CONTACT	V00779		09
	S3373-2	. CONTACT			AR
PC034	S2800-277	CONNECTOR - MANIFOLD PRESSURE TRANSDUCER		(T206) 08450 - 08744	01
PF003	S2800-277	CONNECTOR - VACUUM PRESSURE TRANSDUCER FOR SPARES ORDER (MUST REPLACE WITH): AEKTKSAD0404		(T206) 08450 - 08744	01
	AEKTKSAD0404	CONNECTOR KIT	V1F242	(T206) 08450 - 08744	01
PI037	330-00195-78	CONNECTOR - ENGINE/AIRFRAME MONITOR (ZONE 220)	V0TRC3	(T206) 08450 - 08744	01
PI038	330-00195-78	CONNECTOR - ENGINE/AIRFRAME MONITOR (ZONE 220)	V0TRC3	(T206) 08450 - 08744	01
PN009	230506	CONNECTOR - FUEL FLOW TRANSDUCER DISCONNECT (ZONE 120)	V03KE3	(T206) 08450 - 08744	01
PN025	6280-3SG-513	CONNECTOR - TACHOMETER SENSOR (ZONE 220)	V023K3	(T206) 08450 - 08744	01
SN001	83278	SWITCH - OIL PRESSURE (ZONE 120)	V74400	(T206) 08450 - 08744	01
UC001		TIMER/MONITOR - PROPELLER HEAT (ZONE 224)			RF
UF003	S2335-1	TRANSDUCER - VACUUM PRESSURE (ZONE 120)		(T206) 08450 - 08744	01
UI006		TRANSDUCER - OIL PRESSURE (ZONE 120)			RF
UI008		MONITOR - ENGINE/AIRFRAME (ZONE 220)			RF
UL002	S3852-3	TRANSMITTER - LEFT FUEL QUANTITY (ZONE 510)		(T206) 08450 - 08744	01
UL004	1270582-3	CONDITIONER - LEFT FUEL QUANITY		(T206) 08450 - 08744	01
	RN55C1001F	. RESISTOR			01
	RN65E4990B	. RESISTOR			02
	1.5KE18A	. TRANSZORB	V24444		02
UN004		SENSOR - OIL TEMPERATURE (ZONE 120)			RF
UN006		TRANSDUCER - FUEL PRESSURE (ZONE 120)			RF
UN011		TRANSDUCER - FUEL FLOW			RF
UN028		SENSOR - TACHOMETER			RF
UR002	S3852-4	TRANSMITTER - RIGHT FUEL QUANTITY (ZONE 610)		(T206) 08450 - 08744	01
UR004	1270582-3	CONDITIONER - RIGHT FUEL QUANITY		(T206) 08450 - 08744	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

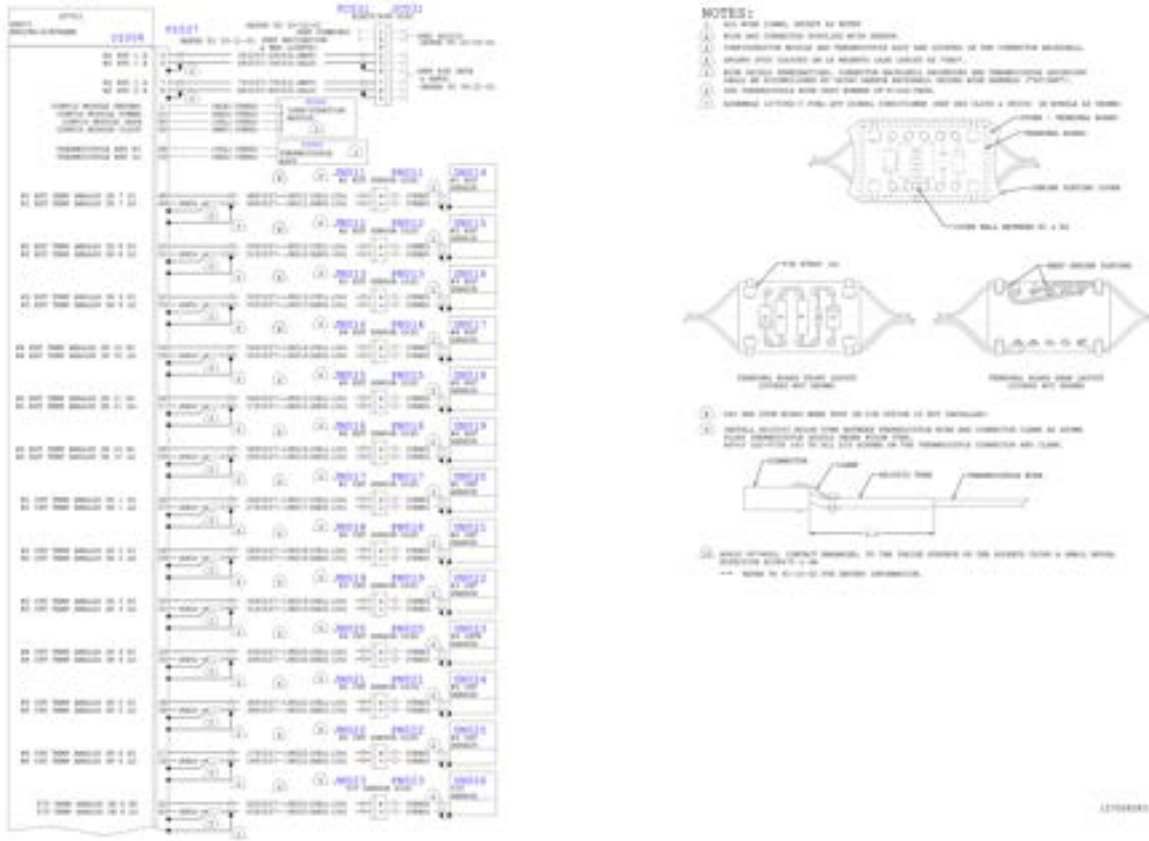
ENGINE AND AIRFRAME MONITOR

AIRPLANES (T206) 08450 THRU 08744 WITH NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	EFFECTIVITY	UNITS PER ASSY
	RN55C1001F	. RESISTOR		01
	RN65E4990B	. RESISTOR		02
	1.5KE18A	. TRANSZORB	V24444	02

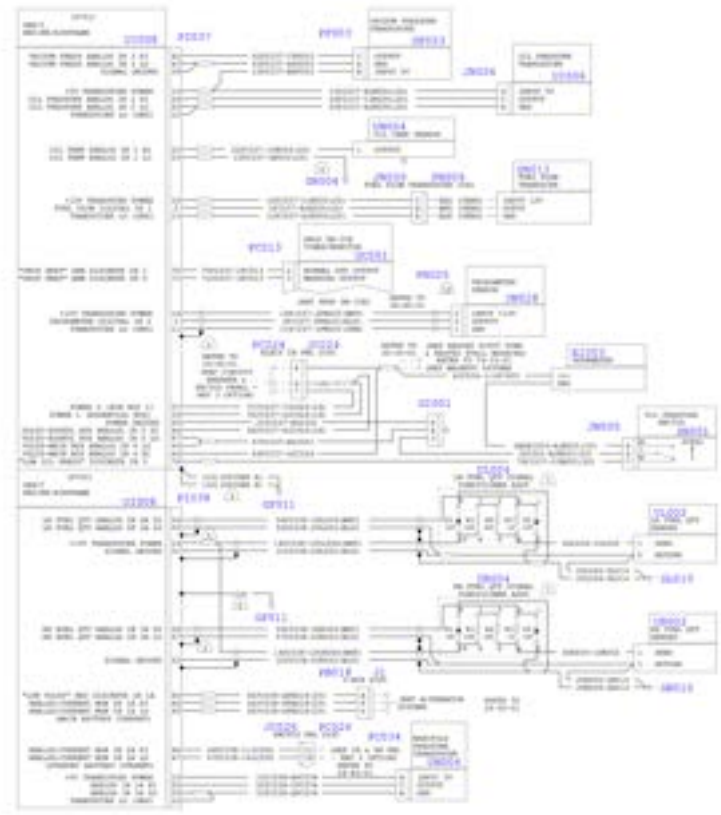
Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 02 : Sheet 01 : ENGINE AND AIRFRAME MONITOR



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 02 : Sheet 02 : ENGINE AND AIRFRAME MONITOR



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

ENGINE AND AIRFRAME MONITOR

AIRPLANES (206) 08293 THRU 08302 WITH NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
JC031	S2350-4	CONNECTOR - ELECTRICAL/AVIONIC DISCONNECT	V00779	(206) 08293 - 08302	01
	S2353-5	. PIN			AR
JN011	NMP-K-F	CONNECTOR - #1 EGT SENSOR DISCONNECT (ZONE 220)	V29907	(206) 08293 - 08302	01
	PCLM-NMP	. BACKSHELL - CABLE CLAMP	V29907		01
JN012	NMP-K-F	CONNECTOR - #2 EGT SENSOR DISCONNECT (ZONE 220)	V29907	(206) 08293 - 08302	01
	PCLM-NMP	. BACKSHELL - CABLE CLAMP	V29907		01
JN013	NMP-K-F	CONNECTOR - #3 EGT SENSOR DISCONNECT (ZONE 220)	V29907	(206) 08293 - 08302	01
	PCLM-NMP	. BACKSHELL - CABLE CLAMP	V29907		01
JN014	NMP-K-F	CONNECTOR - #4 EGT SENSOR DISCONNECT (ZONE 220)	V29907	(206) 08293 - 08302	01
	PCLM-NMP	. BACKSHELL - CABLE CLAMP	V29907		01
JN015	NMP-K-F	CONNECTOR - #5 EGT SENSOR DISCONNECT (ZONE 220)	V29907	(206) 08293 - 08302	01
	PCLM-NMP	. BACKSHELL - CABLE CLAMP	V29907		01
JN016	NMP-K-F	CONNECTOR - #6 EGT SENSOR DISCONNECT (ZONE 220)	V29907	(206) 08293 - 08302	01
	PCLM-NMP	. BACKSHELL - CABLE CLAMP	V29907		01
JN017	NMP-K-F	CONNECTOR - #1 CHT SENSOR DISCONNECT (ZONE 220)	V29907	(206) 08293 - 08302	01
	PCLM-NMP	. BACKSHELL - CABLE CLAMP	V29907		01
JN018	NMP-K-F	CONNECTOR - #2 CHT SENSOR DISCONNECT (ZONE 220)	V29907	(206) 08293 - 08302	01
	PCLM-NMP	. BACKSHELL - CABLE CLAMP	V29907		01
JN019	NMP-K-F	CONNECTOR - #3 CHT SENSOR DISCONNECT (ZONE 220)	V29907	(206) 08293 - 08302	01
	PCLM-NMP	. BACKSHELL - CABLE CLAMP	V29907		01
JN020	NMP-K-F	CONNECTOR - #3 CHT SENSOR DISCONNECT (ZONE 220)	V29907	(206) 08293 - 08302	01
	PCLM-NMP	. BACKSHELL - CABLE CLAMP	V29907		01
JN021	NMP-K-F	CONNECTOR - #5 CHT SENSOR DISCONNECT (ZONE 220)	V29907	(206) 08293 - 08302	01
	PCLM-NMP	. BACKSHELL - CABLE CLAMP	V29907		01
JN022	NMP-K-F	CONNECTOR - #6 CHT SENSOR DISCONNECT (ZONE 220)	V29907	(206) 08293 - 08302	01
	PCLM-NMP	. BACKSHELL - CABLE CLAMP	V29907		01
PC031	S2349-3	CONNECTOR - ELECTRICAL/AVIONIC DISCONNECT		(206) 08293 - 08302	01
	S2099-4	. CONTACT	V00779		06
PI037	330-00195-78	CONNECTOR - ENGINE/AIRFRAME MONITOR (ZONE 220)	V0TRC3	(206) 08293 - 08302	01
PN011	336-00021-00	CONNECTOR - #1 EGT SENSOR DISCONNECT (ZONE 220)	V0TRC3	(206) 08293 - 08302	01
PN012	336-00021-00	CONNECTOR - #2 EGT SENSOR DISCONNECT (ZONE 220)	V0TRC3	(206) 08293 - 08302	01
PN013	336-00021-00	CONNECTOR - #3 EGT SENSOR DISCONNECT (ZONE 220)	V0TRC3	(206) 08293 - 08302	01
PN014	336-00021-00	CONNECTOR - #4 EGT SENSOR DISCONNECT (ZONE 220)	V0TRC3	(206) 08293 - 08302	01
PN015	336-00021-00	CONNECTOR - #5 EGT SENSOR DISCONNECT (ZONE 220)	V0TRC3	(206) 08293 - 08302	01
PN016	336-00021-00	CONNECTOR - #6 EGT SENSOR DISCONNECT (ZONE 220)	V0TRC3	(206) 08293 - 08302	01
PN017	336-00021-00	CONNECTOR - #1 CHT SENSOR DISCONNECT (ZONE 220)	V0TRC3	(206) 08293 - 08302	01
PN018	336-00021-00	CONNECTOR - #2 CHT SENSOR DISCONNECT (ZONE 220)	V0TRC3	(206) 08293 - 08302	01
PN019	336-00021-00	CONNECTOR - #3 CHT SENSOR DISCONNECT (ZONE 220)	V0TRC3	(206) 08293 - 08302	01
PN020	336-00021-00	CONNECTOR - #4 CHT SENSOR DISCONNECT (ZONE 220)	V0TRC3	(206) 08293 - 08302	01
PN021	336-00021-00	CONNECTOR - #5 CHT SENSOR DISCONNECT (ZONE 220)	V0TRC3	(206) 08293 - 08302	01
PN022	336-00021-00	CONNECTOR - #6 CHT SENSOR DISCONNECT (ZONE 220)	V0TRC3	(206) 08293 - 08302	01
TI001		THERMOCOUPLE ASSEMBLY (ZONE 220)			RF
UI001		MODULE - CONFIGURATION			RF
UI008		MONITOR - ENGINE/AIRFRAME (ZONE 220)			RF
UN014		SENSOR - #1 EGT (ZONE 121)			RF
UN015		SENSOR - #2 EGT (ZONE 121)			RF
UN016		SENSOR - #3 EGT (ZONE 121)			RF
UN017		SENSOR - #4 EGT (ZONE 121)			RF
UN018		SENSOR - #5 EGT (ZONE 121)			RF
UN019		SENSOR - #6 EGT (ZONE 121)			RF
UN020		SENSOR - #1 CHT (ZONE 122)			RF
UN021		SENSOR - #2 CHT (ZONE 122)			RF
UN022		SENSOR - #3 CHT (ZONE 122)			RF
UN023		SENSOR - #4 CHT (ZONE 122)			RF
UN024		SENSOR - #5 CHT (ZONE 122)			RF
UN025		SENSOR - #6 CHT (ZONE 122)			RF

ENGINE AND AIRFRAME MONITOR

AIRPLANES (206) 08293 THRU 08302 WITH NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	EFFECTIVITY	UNITS PER ASSY
EI003	C66503-0103	HOURMETER (ZONE 221)	(206) 08293 - 08302	01
	S1493-1	. TERMINAL		02
GF011	1208001-2	GROUND STUD (ZONE 120)	(206) 08293 - 08302	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

ENGINE AND AIRFRAME MONITOR

AIRPLANES (206) 08293 THRU 08302 WITH NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GI001	S2527-1	GROUND STUD FOR SPARES ORDER (MUST REPLACE WITH): S2099-2		(206) 08293 - 08302	01
	S2099-2	CONTACT		(206) 08293 - 08302	AR
	200838-2	. BLOCK	V00779		AR
	S2527-3	. CLAMP			AR
	S2099-13	. CONTACT			AR
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		02
	201846-1	. JACKSCREW	V00779		AR
	203618-1	. JACKSCREW	V00779		02
GL010	1208001-2	GROUND STUD (ZONE 510)		(206) 08293 - 08302	01
GN004		GROUND (ZONE 120)			RF
GR010	1208001-2	GROUND STUD (ZONE 610)		(206) 08293 - 08302	01
J1	S1640-6	CONNECTOR - JUNCTION BOX DISCONNECT (ZONE 510)		(206) 08293 - 08302	01
	S1635-1	. CONTACT	V49367		AR
JC024	S2350-4	CONNECTOR - ELECTRICAL CIRCUIT BREAKER PANEL DISCONNECT (ZONE 120)	V00779	(206) 08293 - 08302	01
	S2353-4	. PIN			01
	S2353-5	. PIN			01
JC026	S2350-3	RECEPTACLE - SWITCH PANEL DISCONNECT (ZONE 120)		(206) 08293 - 08302	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
	S2353-6	. CONTACT			AR
	S3373-1	. CONTACT			AR
	S2353-3	. PIN	V00779		AR
JN004	S2800-277	CONNECTOR - OIL PRESSURE TRANSDUCER (ZONE 120)		(206) 08293 - 08302	01
JN005	S2800-276	CONNECTOR - OIL PRESSURE SWITCH (ZONE 120)		(206) 08293 - 08302	01
JN009	S2800-340	CONNECTOR - FUEL FLOW TRANSDUCER DISCONNECT (ZONE 120)		(206) 08293 - 08302	01
JN028		CONNECTOR			RF
PB018	S2800-274	CONNECTOR - JUNCTION BOX DISCONNECT (ZONE 121)		(206) 08293 - 08302	01
PC013	S3373-2	CONNECTOR - PROPELLER HEAT TIMER/MONITOR (ZONE 110)		(206) 08293 - 08302	01
	S2351-3	. CLAMP			01
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		04
	S2349-3	. PLUG			AR
PC024	S2349-3	CONNECTOR - ELECTRICAL CIRCUIT BREAKER PANEL DISCONNECT		(206) 08293 - 08302	01
	S2099-3	. CONTACT			03
	S2099-4	. CONTACT	V00779		06
PC026	S2349-1	PLUG - SWITCH PANEL DISCONNECT	V00779	(206) 08293 - 08302	01
	S2099-3	. CONTACT			02
	S2099-4	. CONTACT	V00779		09
	S3373-2	. CONTACT			AR
PC034	S2800-277	CONNECTOR - MANIFOLD PRESSURE TRANSDUCER		(206) 08293 - 08302	01
PF003	S2800-277	CONNECTOR - VACUUM PRESSURE TRANSDUCER FOR SPARES ORDER (MUST REPLACE WITH): AEKTKSAD0404		(206) 08293 - 08302	01
	AEKTKSAD0404	CONNECTOR KIT	V1F242	(206) 08293 - 08302	01
PI037	330-00195-78	CONNECTOR - ENGINE/AIRFRAME MONITOR (ZONE 220)	V0TRC3	(206) 08293 - 08302	01
PI038	330-00195-78	CONNECTOR - ENGINE/AIRFRAME MONITOR (ZONE 220)	V0TRC3	(206) 08293 - 08302	01
PN009	230506	CONNECTOR - FUEL FLOW TRANSDUCER DISCONNECT (ZONE 120)	V03KE3	(206) 08293 - 08302	01
PN028	826886-7	CONNECTOR	V00779	(206) 08293 - 08302	01
	S2099-4	. CONTACT	V00779		03
SN001	83278	SWITCH - OIL PRESSURE (ZONE 120)	V74400	(206) 08293 - 08302	01
UC001		TIMER/MONITOR - PROPELLER HEAT (ZONE 224)			RF
UF003	S2335-1	TRANSDUCER - VACUUM PRESSURE (ZONE 120)		(206) 08293 - 08302	01
UI006		TRANSDUCER - OIL PRESSURE (ZONE 120)			RF
UI008		MONITOR - ENGINE/AIRFRAME (ZONE 220)			RF
UL002	S3852-3	TRANSMITTER - LEFT FUEL QUANTITY (ZONE 510)		(206) 08293 - 08302	01
UL004	1270582-3	CONDITIONER - LEFT FUEL QUANITY		(206) 08293 - 08302	01
	RN55C1001F	. RESISTOR			01
	RN65E4990B	. RESISTOR			02
	1.5KE18A	. TRANSZORB	V24444		02
UN004		SENSOR - OIL TEMPERATURE (ZONE 120)			RF
UN006		TRANSDUCER - FUEL PRESSURE (ZONE 120)			RF
UN011		TRANSDUCER - FUEL FLOW			RF
UN031		SENSOR - TACHOMETER			RF
UR002	S3852-4	TRANSMITTER - RIGHT FUEL QUANTITY (ZONE 610)		(206) 08293 - 08302	01
UR004	1270582-3	CONDITIONER - RIGHT FUEL QUANITY		(206) 08293 - 08302	01
	RN55C1001F	. RESISTOR			01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

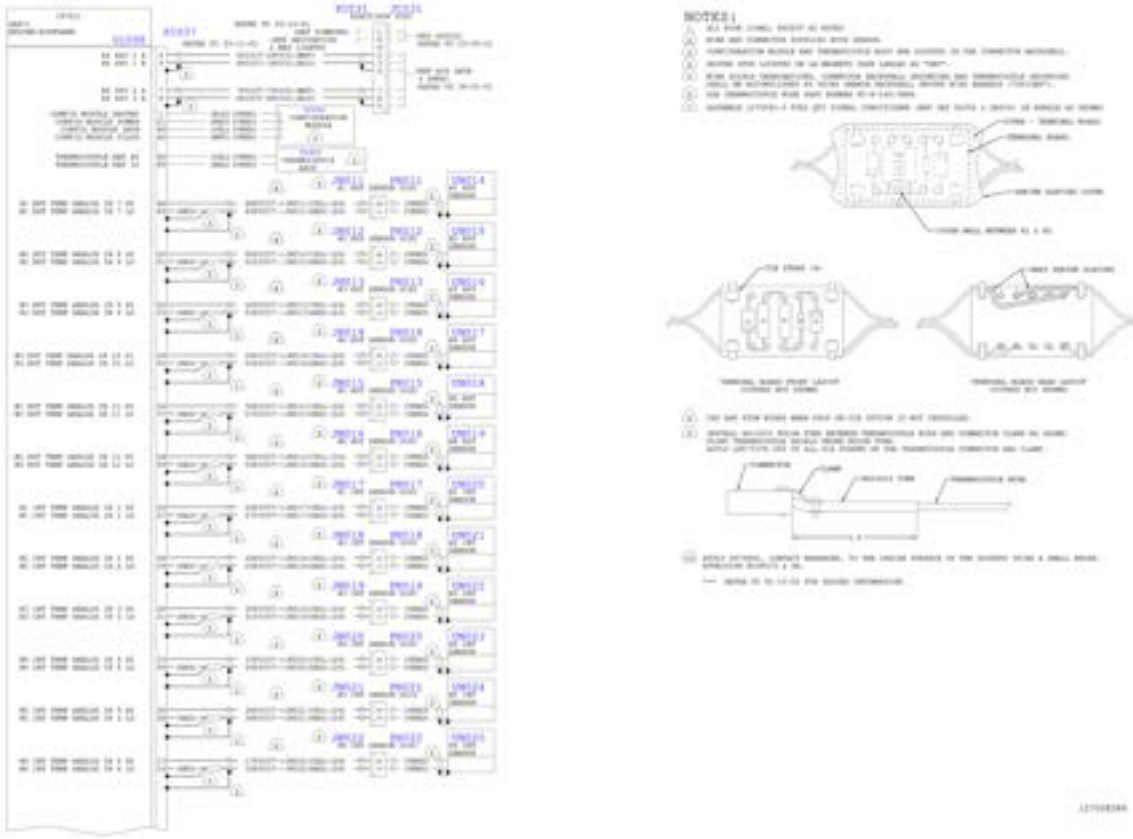
ENGINE AND AIRFRAME MONITOR

AIRPLANES (206) 08293 THRU 08302 WITH NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	EFFECTIVITY	UNITS PER ASSY
	RN65E4990B	. RESISTOR		02
	1.5KE18A	. TRANSZORB	V24444	02

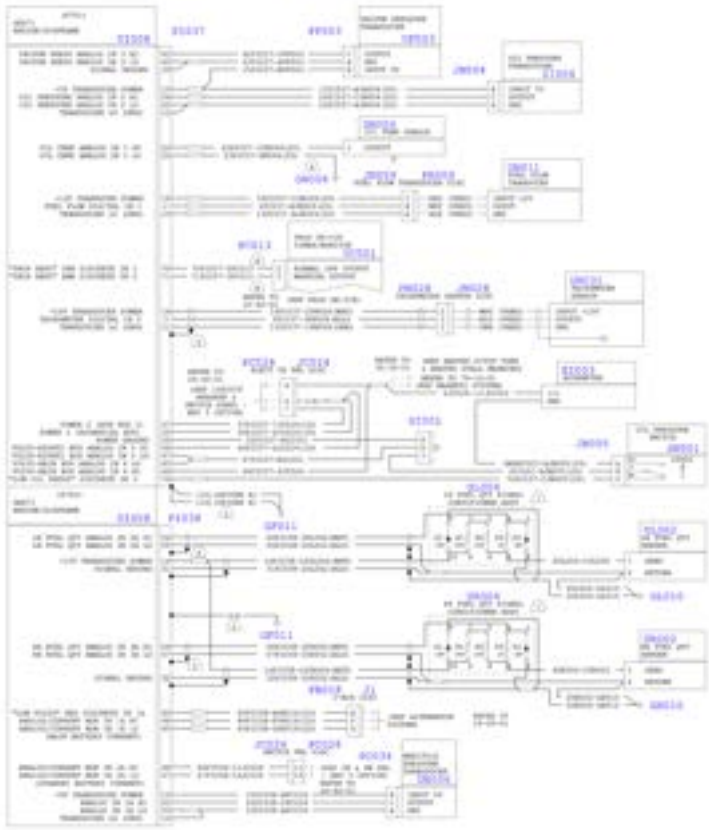
Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 03 : Sheet 01 : ENGINE AND AIRFRAME MONITOR



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 03 : Sheet 02 : ENGINE AND AIRFRAME MONITOR



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

ENGINE AND AIRFRAME MONITOR

AIRPLANES (T206) 08745 THRU 08800 WITH NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
JC031	S2350-4	CONNECTOR - ELECTRICAL/AVIONIC DISCONNECT	V00779	(T206) 08745 - 08800	01
	S2353-5	. PIN			AR
JN011	NMP-K-F	CONNECTOR - #1 EGT SENSOR DISCONNECT (ZONE 220)	V29907	(T206) 08745 - 08800	01
	PCLM-NMP	. BACKSHELL - CABLE CLAMP	V29907		01
JN012	NMP-K-F	CONNECTOR - #2 EGT SENSOR DISCONNECT (ZONE 220)	V29907	(T206) 08745 - 08800	01
	PCLM-NMP	. BACKSHELL - CABLE CLAMP	V29907		01
JN013	NMP-K-F	CONNECTOR - #3 EGT SENSOR DISCONNECT (ZONE 220)	V29907	(T206) 08745 - 08800	01
	PCLM-NMP	. BACKSHELL - CABLE CLAMP	V29907		01
JN014	NMP-K-F	CONNECTOR - #4 EGT SENSOR DISCONNECT (ZONE 220)	V29907	(T206) 08745 - 08800	01
	PCLM-NMP	. BACKSHELL - CABLE CLAMP	V29907		01
JN015	NMP-K-F	CONNECTOR - #5 EGT SENSOR DISCONNECT (ZONE 220)	V29907	(T206) 08745 - 08800	01
	PCLM-NMP	. BACKSHELL - CABLE CLAMP	V29907		01
JN016	NMP-K-F	CONNECTOR - #6 EGT SENSOR DISCONNECT (ZONE 220)	V29907	(T206) 08745 - 08800	01
	PCLM-NMP	. BACKSHELL - CABLE CLAMP	V29907		01
JN017	NMP-K-F	CONNECTOR - #1 CHT SENSOR DISCONNECT (ZONE 220)	V29907	(T206) 08745 - 08800	01
	PCLM-NMP	. BACKSHELL - CABLE CLAMP	V29907		01
JN018	NMP-K-F	CONNECTOR - #2 CHT SENSOR DISCONNECT (ZONE 220)	V29907	(T206) 08745 - 08800	01
	PCLM-NMP	. BACKSHELL - CABLE CLAMP	V29907		01
JN019	NMP-K-F	CONNECTOR - #3 CHT SENSOR DISCONNECT (ZONE 220)	V29907	(T206) 08745 - 08800	01
	PCLM-NMP	. BACKSHELL - CABLE CLAMP	V29907		01
JN020	NMP-K-F	CONNECTOR - #3 CHT SENSOR DISCONNECT (ZONE 220)	V29907	(T206) 08745 - 08800	01
	PCLM-NMP	. BACKSHELL - CABLE CLAMP	V29907		01
JN021	NMP-K-F	CONNECTOR - #5 CHT SENSOR DISCONNECT (ZONE 220)	V29907	(T206) 08745 - 08800	01
	PCLM-NMP	. BACKSHELL - CABLE CLAMP	V29907		01
JN022	NMP-K-F	CONNECTOR - #6 CHT SENSOR DISCONNECT (ZONE 220)	V29907	(T206) 08745 - 08800	01
	PCLM-NMP	. BACKSHELL - CABLE CLAMP	V29907		01
JN023	NMP-K-F	CONNECTOR - TIT SENSOR DISCONNECT (ZONE 120)	V29907	(T206) 08745 - 08800	01
	PCLM-NMP	. BACKSHELL - CABLE CLAMP	V29907		01
PC031	S2349-3	CONNECTOR - ELECTRICAL/AVIONIC DISCONNECT		(T206) 08745 - 08800	01
	S2099-4	. CONTACT	V00779		06
PI037	330-00195-78	CONNECTOR - ENGINE/AIRFRAME MONITOR (ZONE 220)	V0TRC3	(T206) 08745 - 08800	01
PN011	336-00021-00	CONNECTOR - #1 EGT SENSOR DISCONNECT (ZONE 220)	V0TRC3	(T206) 08745 - 08800	01
PN012	336-00021-00	CONNECTOR - #2 EGT SENSOR DISCONNECT (ZONE 220)	V0TRC3	(T206) 08745 - 08800	01
PN013	336-00021-00	CONNECTOR - #3 EGT SENSOR DISCONNECT (ZONE 220)	V0TRC3	(T206) 08745 - 08800	01
PN014	336-00021-00	CONNECTOR - #4 EGT SENSOR DISCONNECT (ZONE 220)	V0TRC3	(T206) 08745 - 08800	01
PN015	336-00021-00	CONNECTOR - #5 EGT SENSOR DISCONNECT (ZONE 220)	V0TRC3	(T206) 08745 - 08800	01
PN016	336-00021-00	CONNECTOR - #6 EGT SENSOR DISCONNECT (ZONE 220)	V0TRC3	(T206) 08745 - 08800	01
PN017	336-00021-00	CONNECTOR - #1 CHT SENSOR DISCONNECT (ZONE 220)	V0TRC3	(T206) 08745 - 08800	01
PN018	336-00021-00	CONNECTOR - #2 CHT SENSOR DISCONNECT (ZONE 220)	V0TRC3	(T206) 08745 - 08800	01
PN019	336-00021-00	CONNECTOR - #3 CHT SENSOR DISCONNECT (ZONE 220)	V0TRC3	(T206) 08745 - 08800	01
PN020	336-00021-00	CONNECTOR - #4 CHT SENSOR DISCONNECT (ZONE 220)	V0TRC3	(T206) 08745 - 08800	01
PN021	336-00021-00	CONNECTOR - #5 CHT SENSOR DISCONNECT (ZONE 220)	V0TRC3	(T206) 08745 - 08800	01
PN022	336-00021-00	CONNECTOR - #6 CHT SENSOR DISCONNECT (ZONE 220)	V0TRC3	(T206) 08745 - 08800	01
PN023	336-00021-00	CONNECTOR - TIT SENSOR DISCONNECT (ZONE 220)	V0TRC3	(T206) 08745 - 08800	01
TI001		THERMOCOUPLE ASSEMBLY (ZONE 220)			RF
UI001		MODULE - CONFIGURATION			RF
UI008		MONITOR - ENGINE/AIRFRAME (ZONE 220)			RF
UN014		SENSOR - #1 EGT (ZONE 121)			RF
UN015		SENSOR - #2 EGT (ZONE 121)			RF
UN016		SENSOR - #3 EGT (ZONE 121)			RF
UN017		SENSOR - #4 EGT (ZONE 121)			RF
UN018		SENSOR - #5 EGT (ZONE 121)			RF
UN019		SENSOR - #6 EGT (ZONE 121)			RF
UN020		SENSOR - #1 CHT (ZONE 122)			RF
UN021		SENSOR - #2 CHT (ZONE 122)			RF
UN022		SENSOR - #3 CHT (ZONE 122)			RF
UN023		SENSOR - #4 CHT (ZONE 122)			RF
UN024		SENSOR - #5 CHT (ZONE 122)			RF
UN025		SENSOR - #6 CHT (ZONE 122)			RF
UN026		CONNECTOR - TIT SENSOR			RF

ENGINE AND AIRFRAME MONITOR

AIRPLANES (T206) 08745 THRU 08800 WITH NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	EFFECTIVITY	UNITS PER ASSY

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

ENGINE AND AIRFRAME MONITOR

AIRPLANES (T206) 08745 THRU 08800 WITH NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
EI003	C66503-0103	HOURMETER (ZONE 221)		(T206) 08745 - 08800	01
	S1493-1	. TERMINAL			02
GF011	1208001-2	GROUND STUD (ZONE 120)		(T206) 08745 - 08800	01
GI001	S2527-1	GROUND STUD FOR SPARES ORDER (MUST REPLACE WITH): S2099-2		(T206) 08745 - 08800	01
	S2099-2	CONTACT		(T206) 08745 - 08800	AR
	200838-2	. BLOCK	V00779		AR
	S2527-3	. CLAMP			AR
	S2099-13	. CONTACT			AR
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		02
	201846-1	. JACKSCREW	V00779		AR
	203618-1	. JACKSCREW	V00779		02
GL010	1208001-2	GROUND STUD (ZONE 510)		(T206) 08745 - 08800	01
GN004		GROUND (ZONE 120)			RF
GR010	1208001-2	GROUND STUD (ZONE 610)		(T206) 08745 - 08800	01
J1	S1640-6	CONNECTOR - JUNCTION BOX DISCONNECT (ZONE 510)		(T206) 08745 - 08800	01
	S1635-1	. CONTACT	V49367		AR
JC024	S2350-4	CONNECTOR - ELECTRICAL CIRCUIT BREAKER PANEL DISCONNECT (ZONE 120)	V00779	(T206) 08745 - 08800	01
	S2353-4	. PIN			01
	S2353-5	. PIN			01
JC026	S2350-3	RECEPTACLE - SWITCH PANEL DISCONNECT (ZONE 120)		(T206) 08745 - 08800	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
	S2353-6	. CONTACT			AR
	S3373-1	. CONTACT			AR
	S2353-3	. PIN	V00779		AR
JN004	S2800-277	CONNECTOR - OIL PRESSURE TRANSDUCER (ZONE 120)		(T206) 08745 - 08800	01
JN005	S2800-276	CONNECTOR - OIL PRESSURE SWITCH (ZONE 120)		(T206) 08745 - 08800	01
JN009	S2800-340	CONNECTOR - FUEL FLOW TRANSDUCER DISCONNECT (ZONE 120)		(T206) 08745 - 08800	01
JN028		CONNECTOR			RF
PB018	S2800-274	CONNECTOR - JUNCTION BOX DISCONNECT (ZONE 121)		(T206) 08745 - 08800	01
PC013	S3373-2	CONNECTOR - PROPELLER HEAT TIMER/MONITOR (ZONE 110)		(T206) 08745 - 08800	01
	S2351-3	. CLAMP			01
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		04
	S2349-3	. PLUG			AR
PC024	S2349-3	CONNECTOR - ELECTRICAL CIRCUIT BREAKER PANEL DISCONNECT		(T206) 08745 - 08800	01
	S2099-3	. CONTACT			03
	S2099-4	. CONTACT	V00779		06
PC026	S2349-1	PLUG - SWITCH PANEL DISCONNECT	V00779	(T206) 08745 - 08800	01
	S2099-3	. CONTACT			02
	S2099-4	. CONTACT	V00779		09
	S3373-2	. CONTACT			AR
PC034	S2800-277	CONNECTOR - MANIFOLD PRESSURE TRANSDUCER		(T206) 08745 - 08800	01
PF003	S2800-277	CONNECTOR - VACUUM PRESSURE TRANSDUCER FOR SPARES ORDER (MUST REPLACE WITH): AEKTKSAD0404		(T206) 08745 - 08800	01
	AEKTKSAD0404	CONNECTOR KIT	V1F242	(T206) 08745 - 08800	01
PI037	330-00195-78	CONNECTOR - ENGINE/AIRFRAME MONITOR (ZONE 220)	V0TRC3	(T206) 08745 - 08800	01
PI038	330-00195-78	CONNECTOR - ENGINE/AIRFRAME MONITOR (ZONE 220)	V0TRC3	(T206) 08745 - 08800	01
PN009	230506	CONNECTOR - FUEL FLOW TRANSDUCER DISCONNECT (ZONE 120)	V03KE3	(T206) 08745 - 08800	01
PN028	826886-7	CONNECTOR	V00779	(T206) 08745 - 08800	01
	S2099-4	. CONTACT	V00779		03
SN001	83278	SWITCH - OIL PRESSURE (ZONE 120)	V74400	(T206) 08745 - 08800	01
UC001		TIMER/MONITOR - PROPELLER HEAT (ZONE 224)			RF
UF003	S2335-1	TRANSDUCER - VACUUM PRESSURE (ZONE 120)		(T206) 08745 - 08800	01
UI006		TRANSDUCER - OIL PRESSURE (ZONE 120)			RF
UI008		MONITOR - ENGINE/AIRFRAME (ZONE 220)			RF
UL002	S3852-3	TRANSMITTER - LEFT FUEL QUANTITY (ZONE 510)		(T206) 08745 - 08800	01
UL004	1270582-3	CONDITIONER - LEFT FUEL QUANITY		(T206) 08745 - 08800	01
	RN55C1001F	. RESISTOR			01
	RN65E4990B	. RESISTOR			02
	1.5KE18A	. TRANSZORB	V24444		02
UN004		SENSOR - OIL TEMPERATURE (ZONE 120)			RF
UN006		TRANSDUCER - FUEL PRESSURE (ZONE 120)			RF
UN011		TRANSDUCER - FUEL FLOW			RF
UN031		SENSOR - TACHOMETER			RF

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

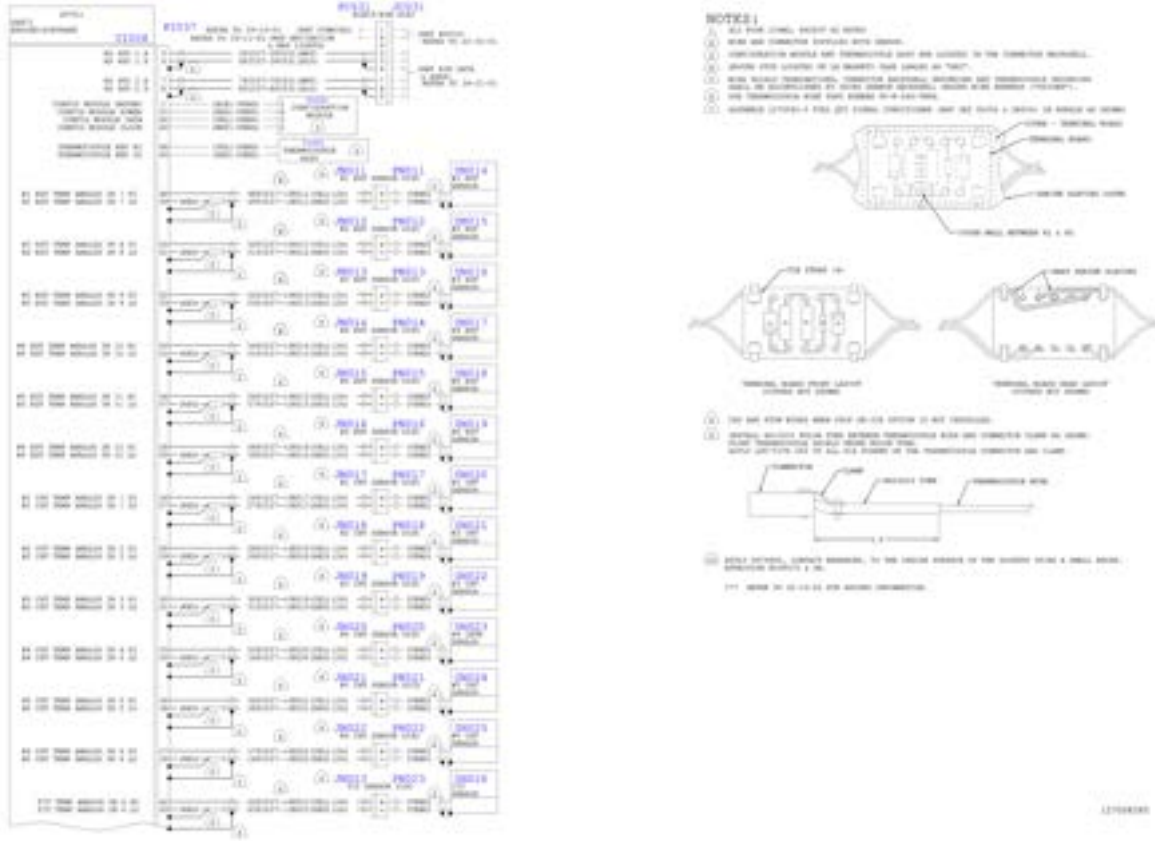
ENGINE AND AIRFRAME MONITOR

AIRPLANES (T206) 08745 THRU 08800 WITH NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
UR002	S3852-4	TRANSMITTER - RIGHT FUEL QUANTITY (ZONE 610)		(T206) 08745 - 08800	01
UR004	1270582-3	CONDITIONER - RIGHT FUEL QUANITY		(T206) 08745 - 08800	01
	RN55C1001F	. RESISTOR			01
	RN65E4990B	. RESISTOR			02
	1.5KE18A	. TRANSZORB	V24444		02

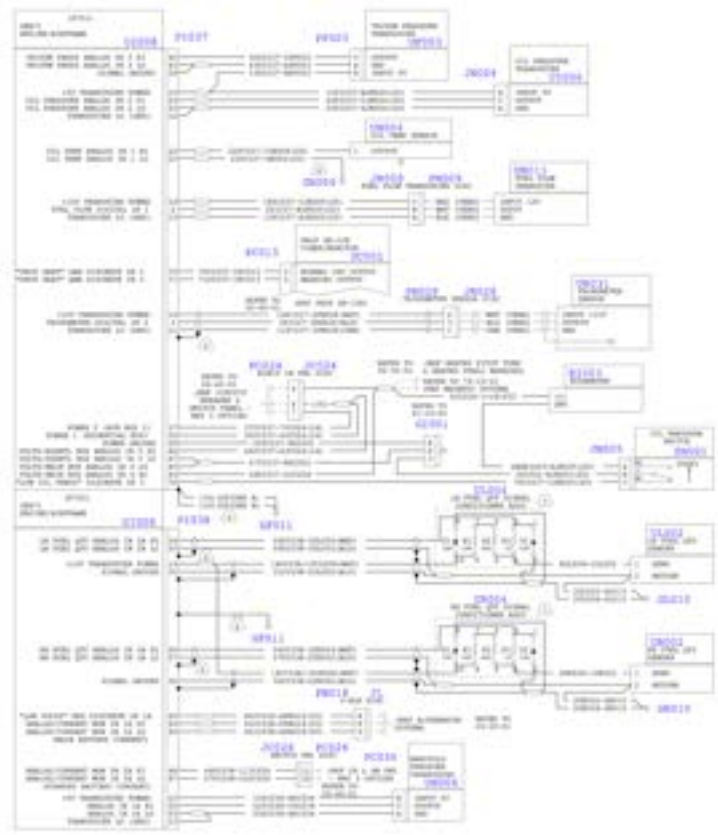
Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 04 : Sheet 01 : ENGINE AND AIRFRAME MONITOR



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 04 : Sheet 02 : ENGINE AND AIRFRAME MONITOR



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

ENGINE AND AIRFRAME MONITOR

AIRPLANES (206) 08303 & ON WITH NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
JC031	S2350-4	CONNECTOR - ELECTRICAL/AVIONIC DISCONNECT	V00779	(206) 08303 & ON	01
	S2353-5	. PIN			AR
JN011	NMP-K-F	CONNECTOR - #1 EGT SENSOR DISCONNECT (ZONE 220)	V29907	(206) 08303 & ON	01
	PCLM-NMP	. BACKSHELL - CABLE CLAMP	V29907		01
JN012	NMP-K-F	CONNECTOR - #2 EGT SENSOR DISCONNECT (ZONE 220)	V29907	(206) 08303 & ON	01
	PCLM-NMP	. BACKSHELL - CABLE CLAMP	V29907		01
JN013	NMP-K-F	CONNECTOR - #3 EGT SENSOR DISCONNECT (ZONE 220)	V29907	(206) 08303 & ON	01
	PCLM-NMP	. BACKSHELL - CABLE CLAMP	V29907		01
JN014	NMP-K-F	CONNECTOR - #4 EGT SENSOR DISCONNECT (ZONE 220)	V29907	(206) 08303 & ON	01
	PCLM-NMP	. BACKSHELL - CABLE CLAMP	V29907		01
JN015	NMP-K-F	CONNECTOR - #5 EGT SENSOR DISCONNECT (ZONE 220)	V29907	(206) 08303 & ON	01
	PCLM-NMP	. BACKSHELL - CABLE CLAMP	V29907		01
JN016	NMP-K-F	CONNECTOR - #6 EGT SENSOR DISCONNECT (ZONE 220)	V29907	(206) 08303 & ON	01
	PCLM-NMP	. BACKSHELL - CABLE CLAMP	V29907		01
JN017	NMP-K-F	CONNECTOR - #1 CHT SENSOR DISCONNECT (ZONE 220)	V29907	(206) 08303 & ON	01
	PCLM-NMP	. BACKSHELL - CABLE CLAMP	V29907		01
JN018	NMP-K-F	CONNECTOR - #2 CHT SENSOR DISCONNECT (ZONE 220)	V29907	(206) 08303 & ON	01
	PCLM-NMP	. BACKSHELL - CABLE CLAMP	V29907		01
JN019	NMP-K-F	CONNECTOR - #3 CHT SENSOR DISCONNECT (ZONE 220)	V29907	(206) 08303 & ON	01
	PCLM-NMP	. BACKSHELL - CABLE CLAMP	V29907		01
JN020	NMP-K-F	CONNECTOR - #3 CHT SENSOR DISCONNECT (ZONE 220)	V29907	(206) 08303 & ON	01
	PCLM-NMP	. BACKSHELL - CABLE CLAMP	V29907		01
JN021	NMP-K-F	CONNECTOR - #5 CHT SENSOR DISCONNECT (ZONE 220)	V29907	(206) 08303 & ON	01
	PCLM-NMP	. BACKSHELL - CABLE CLAMP	V29907		01
JN022	NMP-K-F	CONNECTOR - #6 CHT SENSOR DISCONNECT (ZONE 220)	V29907	(206) 08303 & ON	01
	PCLM-NMP	. BACKSHELL - CABLE CLAMP	V29907		01
PC031	S2349-3	CONNECTOR - ELECTRICAL/AVIONIC DISCONNECT		(206) 08303 & ON	01
	S2099-4	. CONTACT	V00779		06
PI037	330-00195-78	CONNECTOR - ENGINE/AIRFRAME MONITOR (ZONE 220)	V0TRC3	(206) 08303 & ON	01
PN011	336-00021-00	CONNECTOR - #1 EGT SENSOR DISCONNECT (ZONE 220)	V0TRC3	(206) 08303 & ON	01
PN012	336-00021-00	CONNECTOR - #2 EGT SENSOR DISCONNECT (ZONE 220)	V0TRC3	(206) 08303 & ON	01
PN013	336-00021-00	CONNECTOR - #3 EGT SENSOR DISCONNECT (ZONE 220)	V0TRC3	(206) 08303 & ON	01
PN014	336-00021-00	CONNECTOR - #4 EGT SENSOR DISCONNECT (ZONE 220)	V0TRC3	(206) 08303 & ON	01
PN015	336-00021-00	CONNECTOR - #5 EGT SENSOR DISCONNECT (ZONE 220)	V0TRC3	(206) 08303 & ON	01
PN016	336-00021-00	CONNECTOR - #6 EGT SENSOR DISCONNECT (ZONE 220)	V0TRC3	(206) 08303 & ON	01
PN017	336-00021-00	CONNECTOR - #1 CHT SENSOR DISCONNECT (ZONE 220)	V0TRC3	(206) 08303 & ON	01
PN018	336-00021-00	CONNECTOR - #2 CHT SENSOR DISCONNECT (ZONE 220)	V0TRC3	(206) 08303 & ON	01
PN019	336-00021-00	CONNECTOR - #3 CHT SENSOR DISCONNECT (ZONE 220)	V0TRC3	(206) 08303 & ON	01
PN020	336-00021-00	CONNECTOR - #4 CHT SENSOR DISCONNECT (ZONE 220)	V0TRC3	(206) 08303 & ON	01
PN021	336-00021-00	CONNECTOR - #5 CHT SENSOR DISCONNECT (ZONE 220)	V0TRC3	(206) 08303 & ON	01
PN022	336-00021-00	CONNECTOR - #6 CHT SENSOR DISCONNECT (ZONE 220)	V0TRC3	(206) 08303 & ON	01
TI001		THERMOCOUPLE ASSEMBLY (ZONE 220)			RF
UI001		MODULE - CONFIGURATION			RF
UI008		MONITOR - ENGINE/AIRFRAME (ZONE 220)			RF
UN014		SENSOR - #1 EGT (ZONE 121)			RF
UN015		SENSOR - #2 EGT (ZONE 121)			RF
UN016		SENSOR - #3 EGT (ZONE 121)			RF
UN017		SENSOR - #4 EGT (ZONE 121)			RF
UN018		SENSOR - #5 EGT (ZONE 121)			RF
UN019		SENSOR - #6 EGT (ZONE 121)			RF
UN020		SENSOR - #1 CHT (ZONE 122)			RF
UN021		SENSOR - #2 CHT (ZONE 122)			RF
UN022		SENSOR - #3 CHT (ZONE 122)			RF
UN023		SENSOR - #4 CHT (ZONE 122)			RF
UN024		SENSOR - #5 CHT (ZONE 122)			RF
UN025		SENSOR - #6 CHT (ZONE 122)			RF

ENGINE AND AIRFRAME MONITOR

AIRPLANES (206) 08303 & ON WITH NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	EFFECTIVITY	UNITS PER ASSY
EI003	C66503-0103	HOURMETER (ZONE 221)	(206) 08303 & ON	01
	S1493-1	. TERMINAL		02
GF011	1208001-2	GROUND STUD (ZONE 120)	(206) 08303 & ON	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

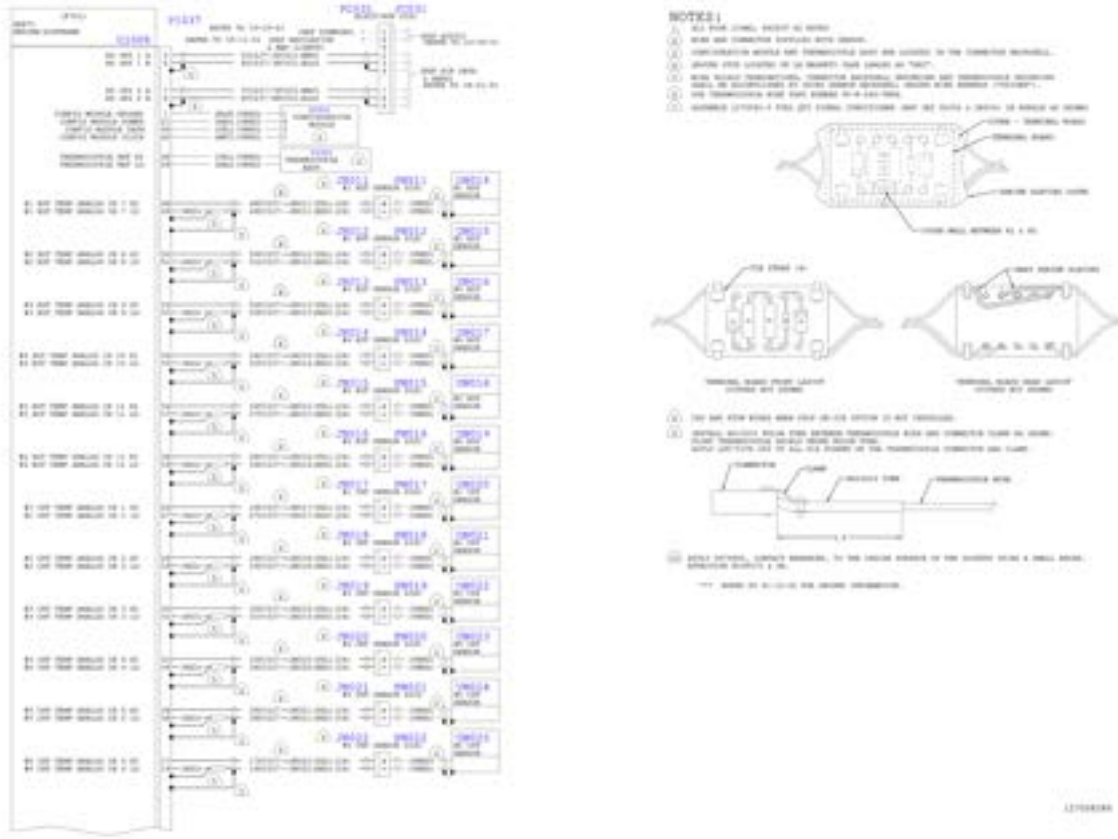
ENGINE AND AIRFRAME MONITOR

AIRPLANES (206) 08303 & ON WITH NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GI001	S2527-1	GROUND STUD FOR SPARES ORDER (MUST REPLACE WITH): S2099-2		(206) 08303 & ON	01
	S2099-2	CONTACT		(206) 08303 & ON	AR
	200838-2	. BLOCK	V00779		AR
	S2527-3	. CLAMP			AR
	S2099-13	. CONTACT			AR
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		02
	201846-1	. JACKSCREW	V00779		AR
	203618-1	. JACKSCREW	V00779		02
GN004		GROUND (ZONE 120)			RF
J1	S1640-6	CONNECTOR - JUNCTION BOX DISCONNECT (ZONE 510)		(206) 08303 & ON	01
	S1635-1	. CONTACT	V49367		AR
JC024	S2350-4	CONNECTOR - ELECTRICAL CIRCUIT BREAKER PANEL DISCONNECT (ZONE 120)	V00779	(206) 08303 & ON	01
	S2353-4	. PIN			01
	S2353-5	. PIN			01
JC026	S2350-3	RECEPTACLE - SWITCH PANEL DISCONNECT (ZONE 120)		(206) 08303 & ON	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
	S2353-6	. CONTACT			AR
	S3373-1	. CONTACT			AR
	S2353-3	. PIN	V00779		AR
JN004	S2800-277	CONNECTOR - OIL PRESSURE TRANSDUCER (ZONE 120)		(206) 08303 & ON	01
JN005	S2800-276	CONNECTOR - OIL PRESSURE SWITCH (ZONE 120)		(206) 08303 & ON	01
JN009	S2800-340	CONNECTOR - FUEL FLOW TRANSDUCER DISCONNECT (ZONE 120)		(206) 08303 & ON	01
JN028		CONNECTOR			RF
PB018	S2800-274	CONNECTOR - JUNCTION BOX DISCONNECT (ZONE 121)		(206) 08303 & ON	01
PC013	S3373-2	CONNECTOR - PROPELLER HEAT TIMER/MONITOR (ZONE 110)		(206) 08303 & ON	01
	S2351-3	. CLAMP			01
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		04
	S2349-3	. PLUG			AR
PC024	S2349-3	CONNECTOR - ELECTRICAL CIRCUIT BREAKER PANEL DISCONNECT		(206) 08303 & ON	01
	S2099-3	. CONTACT			03
	S2099-4	. CONTACT	V00779		06
PC026	S2349-1	PLUG - SWITCH PANEL DISCONNECT	V00779	(206) 08303 & ON	01
	S2099-3	. CONTACT			02
	S2099-4	. CONTACT	V00779		09
	S3373-2	. CONTACT			AR
PC034	S2800-277	CONNECTOR - MANIFOLD PRESSURE TRANSDUCER		(206) 08303 & ON	01
PF003	S2800-277	CONNECTOR - VACUUM PRESSURE TRANSDUCER FOR SPARES ORDER (MUST REPLACE WITH): AEKTKSAD0404		(206) 08303 & ON	01
	AEKTKSAD0404	CONNECTOR KIT	V1F242	(206) 08303 & ON	01
PI037	330-00195-78	CONNECTOR - ENGINE/AIRFRAME MONITOR (ZONE 220)	V0TRC3	(206) 08303 & ON	01
PI038	330-00195-78	CONNECTOR - ENGINE/AIRFRAME MONITOR (ZONE 220)	V0TRC3	(206) 08303 & ON	01
PN009	230506	CONNECTOR - FUEL FLOW TRANSDUCER DISCONNECT (ZONE 120)	V03KE3	(206) 08303 & ON	01
PN028	826886-7	CONNECTOR	V00779	(206) 08303 & ON	01
	S2099-4	. CONTACT	V00779		03
SN001	83278	SWITCH - OIL PRESSURE (ZONE 120)	V74400	(206) 08303 & ON	01
UC001		TIMER/MONITOR - PROPELLER HEAT (ZONE 224)			RF
UF003	S2335-1	TRANSDUCER - VACUUM PRESSURE (ZONE 120)		(206) 08303 & ON	01
UI006		TRANSDUCER - OIL PRESSURE (ZONE 120)			RF
UI008		MONITOR - ENGINE/AIRFRAME (ZONE 220)			RF
UN004		SENSOR - OIL TEMPERATURE (ZONE 120)			RF
UN006		TRANSDUCER - FUEL PRESSURE (ZONE 120)			RF
UN011		TRANSDUCER - FUEL FLOW			RF
UN031		SENSOR - TACHOMETER			RF

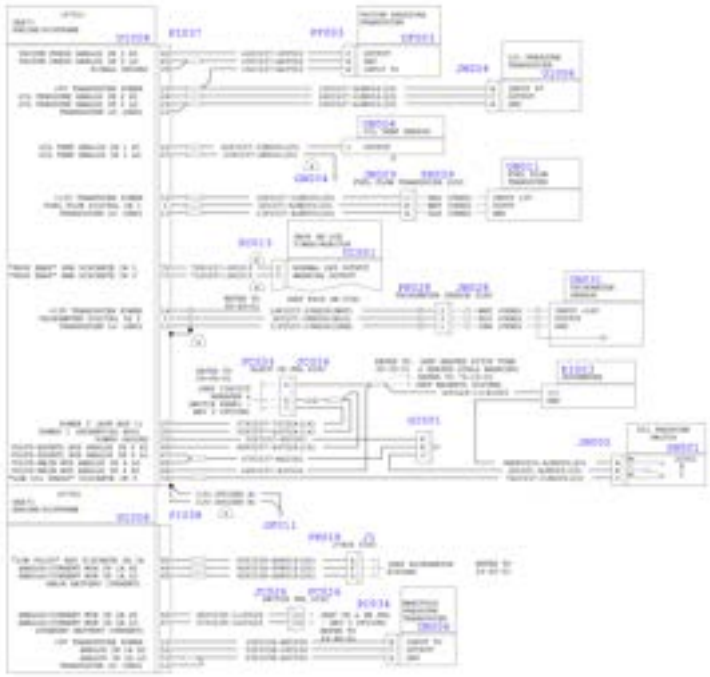
Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 05 : Sheet 01 : ENGINE AND AIRFRAME MONITOR



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 05 : Sheet 02 : ENGINE AND AIRFRAME MONITOR



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

ENGINE AND AIRFRAME MONITOR

AIRPLANES (T206) 08801 THRU 09638 WITH NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
JC031	S2350-4	CONNECTOR - ELECTRICAL/AVIONIC DISCONNECT	V00779	(T206) 08801 - 09638	01
	S2353-5	. PIN			AR
JN011	NMP-K-F	CONNECTOR - #1 EGT SENSOR DISCONNECT (ZONE 220)	V29907	(T206) 08801 - 09638	01
	PCLM-NMP	. BACKSHELL - CABLE CLAMP	V29907		01
JN012	NMP-K-F	CONNECTOR - #2 EGT SENSOR DISCONNECT (ZONE 220)	V29907	(T206) 08801 - 09638	01
	PCLM-NMP	. BACKSHELL - CABLE CLAMP	V29907		01
JN013	NMP-K-F	CONNECTOR - #3 EGT SENSOR DISCONNECT (ZONE 220)	V29907	(T206) 08801 - 09638	01
	PCLM-NMP	. BACKSHELL - CABLE CLAMP	V29907		01
JN014	NMP-K-F	CONNECTOR - #4 EGT SENSOR DISCONNECT (ZONE 220)	V29907	(T206) 08801 - 09638	01
	PCLM-NMP	. BACKSHELL - CABLE CLAMP	V29907		01
JN015	NMP-K-F	CONNECTOR - #5 EGT SENSOR DISCONNECT (ZONE 220)	V29907	(T206) 08801 - 09638	01
	PCLM-NMP	. BACKSHELL - CABLE CLAMP	V29907		01
JN016	NMP-K-F	CONNECTOR - #6 EGT SENSOR DISCONNECT (ZONE 220)	V29907	(T206) 08801 - 09638	01
	PCLM-NMP	. BACKSHELL - CABLE CLAMP	V29907		01
JN017	NMP-K-F	CONNECTOR - #1 CHT SENSOR DISCONNECT (ZONE 220)	V29907	(T206) 08801 - 09638	01
	PCLM-NMP	. BACKSHELL - CABLE CLAMP	V29907		01
JN018	NMP-K-F	CONNECTOR - #2 CHT SENSOR DISCONNECT (ZONE 220)	V29907	(T206) 08801 - 09638	01
	PCLM-NMP	. BACKSHELL - CABLE CLAMP	V29907		01
JN019	NMP-K-F	CONNECTOR - #3 CHT SENSOR DISCONNECT (ZONE 220)	V29907	(T206) 08801 - 09638	01
	PCLM-NMP	. BACKSHELL - CABLE CLAMP	V29907		01
JN020	NMP-K-F	CONNECTOR - #3 CHT SENSOR DISCONNECT (ZONE 220)	V29907	(T206) 08801 - 09638	01
	PCLM-NMP	. BACKSHELL - CABLE CLAMP	V29907		01
JN021	NMP-K-F	CONNECTOR - #5 CHT SENSOR DISCONNECT (ZONE 220)	V29907	(T206) 08801 - 09638	01
	PCLM-NMP	. BACKSHELL - CABLE CLAMP	V29907		01
JN022	NMP-K-F	CONNECTOR - #6 CHT SENSOR DISCONNECT (ZONE 220)	V29907	(T206) 08801 - 09638	01
	PCLM-NMP	. BACKSHELL - CABLE CLAMP	V29907		01
JN023	NMP-K-F	CONNECTOR - TIT SENSOR DISCONNECT (ZONE 120)	V29907	(T206) 08801 - 09638	01
	PCLM-NMP	. BACKSHELL - CABLE CLAMP	V29907		01
PC031	S2349-3	CONNECTOR - ELECTRICAL/AVIONIC DISCONNECT		(T206) 08801 - 09638	01
	S2099-4	. CONTACT	V00779		06
PI037	330-00195-78	CONNECTOR - ENGINE/AIRFRAME MONITOR (ZONE 220)	V0TRC3	(T206) 08801 - 09638	01
PN011	336-00021-00	CONNECTOR - #1 EGT SENSOR DISCONNECT (ZONE 220)	V0TRC3	(T206) 08801 - 09638	01
PN012	336-00021-00	CONNECTOR - #2 EGT SENSOR DISCONNECT (ZONE 220)	V0TRC3	(T206) 08801 - 09638	01
PN013	336-00021-00	CONNECTOR - #3 EGT SENSOR DISCONNECT (ZONE 220)	V0TRC3	(T206) 08801 - 09638	01
PN014	336-00021-00	CONNECTOR - #4 EGT SENSOR DISCONNECT (ZONE 220)	V0TRC3	(T206) 08801 - 09638	01
PN015	336-00021-00	CONNECTOR - #5 EGT SENSOR DISCONNECT (ZONE 220)	V0TRC3	(T206) 08801 - 09638	01
PN016	336-00021-00	CONNECTOR - #6 EGT SENSOR DISCONNECT (ZONE 220)	V0TRC3	(T206) 08801 - 09638	01
PN017	336-00021-00	CONNECTOR - #1 CHT SENSOR DISCONNECT (ZONE 220)	V0TRC3	(T206) 08801 - 09638	01
PN018	336-00021-00	CONNECTOR - #2 CHT SENSOR DISCONNECT (ZONE 220)	V0TRC3	(T206) 08801 - 09638	01
PN019	336-00021-00	CONNECTOR - #3 CHT SENSOR DISCONNECT (ZONE 220)	V0TRC3	(T206) 08801 - 09638	01
PN020	336-00021-00	CONNECTOR - #4 CHT SENSOR DISCONNECT (ZONE 220)	V0TRC3	(T206) 08801 - 09638	01
PN021	336-00021-00	CONNECTOR - #5 CHT SENSOR DISCONNECT (ZONE 220)	V0TRC3	(T206) 08801 - 09638	01
PN022	336-00021-00	CONNECTOR - #6 CHT SENSOR DISCONNECT (ZONE 220)	V0TRC3	(T206) 08801 - 09638	01
PN023	336-00021-00	CONNECTOR - TIT SENSOR DISCONNECT (ZONE 220)	V0TRC3	(T206) 08801 - 09638	01
TI001		THERMOCOUPLE ASSEMBLY (ZONE 220)			RF
UI001		MODULE - CONFIGURATION			RF
UI008		MONITOR - ENGINE/AIRFRAME (ZONE 220)			RF
UN014		SENSOR - #1 EGT (ZONE 121)			RF
UN015		SENSOR - #2 EGT (ZONE 121)			RF
UN016		SENSOR - #3 EGT (ZONE 121)			RF
UN017		SENSOR - #4 EGT (ZONE 121)			RF
UN018		SENSOR - #5 EGT (ZONE 121)			RF
UN019		SENSOR - #6 EGT (ZONE 121)			RF
UN020		SENSOR - #1 CHT (ZONE 122)			RF
UN021		SENSOR - #2 CHT (ZONE 122)			RF
UN022		SENSOR - #3 CHT (ZONE 122)			RF
UN023		SENSOR - #4 CHT (ZONE 122)			RF
UN024		SENSOR - #5 CHT (ZONE 122)			RF
UN025		SENSOR - #6 CHT (ZONE 122)			RF
UN026		CONNECTOR - TIT SENSOR			RF

ENGINE AND AIRFRAME MONITOR

AIRPLANES (T206) 08801 THRU 09638 WITH NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	EFFECTIVITY	UNITS PER ASSY

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

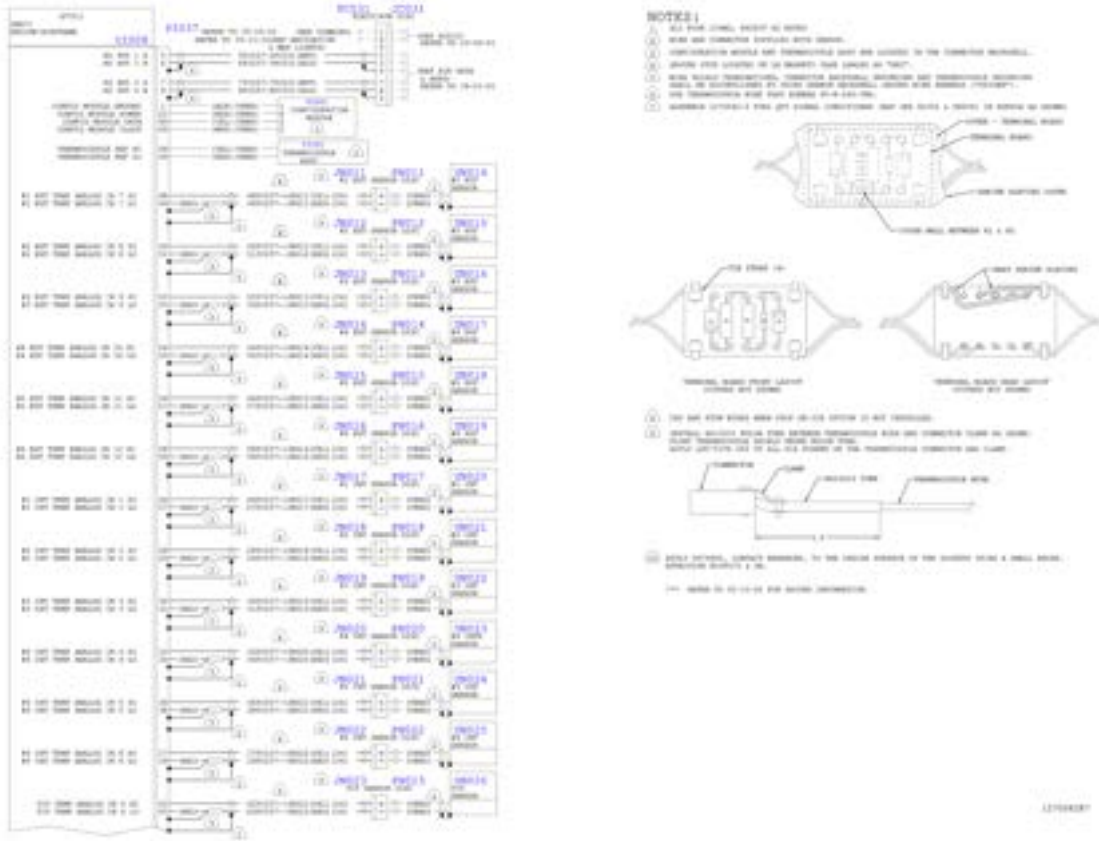
ENGINE AND AIRFRAME MONITOR

AIRPLANES (T206) 08801 THRU 09638 WITH NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
EI003	C66503-0103	HOURMETER (ZONE 221)		(T206) 08801 - 09638	01
	S1493-1	. TERMINAL			02
GF011	1208001-2	GROUND STUD (ZONE 120)		(T206) 08801 - 09638	01
GI001	S2527-1	GROUND STUD FOR SPARES ORDER (MUST REPLACE WITH): S2099-2		(T206) 08801 - 09638	01
	S2099-2	CONTACT		(T206) 08801 - 09638	AR
	200838-2	. BLOCK	V00779		AR
	S2527-3	. CLAMP			AR
	S2099-13	. CONTACT			AR
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		02
	201846-1	. JACKSCREW	V00779		AR
	203618-1	. JACKSCREW	V00779		02
GN004		GROUND (ZONE 120)			RF
J1	S1640-6	CONNECTOR - JUNCTION BOX DISCONNECT (ZONE 510)		(T206) 08801 - 09638	01
	S1635-1	. CONTACT	V49367		AR
JC024	S2350-4	CONNECTOR - ELECTRICAL CIRCUIT BREAKER PANEL DISCONNECT (ZONE 120)	V00779	(T206) 08801 - 09638	01
	S2353-4	. PIN			01
	S2353-5	. PIN			01
JC026	S2350-3	RECEPTACLE - SWITCH PANEL DISCONNECT (ZONE 120)		(T206) 08801 - 09638	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
	S2353-6	. CONTACT			AR
	S3373-1	. CONTACT			AR
	S2353-3	. PIN	V00779		AR
JN004	S2800-277	CONNECTOR - OIL PRESSURE TRANSDUCER (ZONE 120)		(T206) 08801 - 09638	01
JN005	S2800-276	CONNECTOR - OIL PRESSURE SWITCH (ZONE 120)		(T206) 08801 - 09638	01
JN009	S2800-340	CONNECTOR - FUEL FLOW TRANSDUCER DISCONNECT (ZONE 120)		(T206) 08801 - 09638	01
JN028		CONNECTOR			RF
PB018	S2800-274	CONNECTOR - JUNCTION BOX DISCONNECT (ZONE 121)		(T206) 08801 - 09638	01
PC013	S3373-2	CONNECTOR - PROPELLER HEAT TIMER/MONITOR (ZONE 110)		(T206) 08801 - 09638	01
	S2351-3	. CLAMP			01
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		04
	S2349-3	. PLUG			AR
PC024	S2349-3	CONNECTOR - ELECTRICAL CIRCUIT BREAKER PANEL DISCONNECT		(T206) 08801 - 09638	01
	S2099-3	. CONTACT			03
	S2099-4	. CONTACT	V00779		06
PC026	S2349-1	PLUG - SWITCH PANEL DISCONNECT	V00779	(T206) 08801 - 09638	01
	S2099-3	. CONTACT			02
	S2099-4	. CONTACT	V00779		09
	S3373-2	. CONTACT			AR
PC034	S2800-277	CONNECTOR - MANIFOLD PRESSURE TRANSDUCER		(T206) 08801 - 09638	01
PF003	S2800-277	CONNECTOR - VACUUM PRESSURE TRANSDUCER FOR SPARES ORDER (MUST REPLACE WITH): AEKTKSAD0404		(T206) 08801 - 09638	01
	AEKTKSAD0404	CONNECTOR KIT	V1F242	(T206) 08801 - 09638	01
PI037	330-00195-78	CONNECTOR - ENGINE/AIRFRAME MONITOR (ZONE 220)	V0TRC3	(T206) 08801 - 09638	01
PI038	330-00195-78	CONNECTOR - ENGINE/AIRFRAME MONITOR (ZONE 220)	V0TRC3	(T206) 08801 - 09638	01
PN009	230506	CONNECTOR - FUEL FLOW TRANSDUCER DISCONNECT (ZONE 120)	V03KE3	(T206) 08801 - 09638	01
PN028	826886-7	CONNECTOR	V00779	(T206) 08801 - 09638	01
	S2099-4	. CONTACT	V00779		03
SN001	83278	SWITCH - OIL PRESSURE (ZONE 120)	V74400	(T206) 08801 - 09638	01
UC001		TIMER/MONITOR - PROPELLER HEAT (ZONE 224)			RF
UF003	S2335-1	TRANSDUCER - VACUUM PRESSURE (ZONE 120)		(T206) 08801 - 09638	01
UI006		TRANSDUCER - OIL PRESSURE (ZONE 120)			RF
UI008		MONITOR - ENGINE/AIRFRAME (ZONE 220)			RF
UN004		SENSOR - OIL TEMPERATURE (ZONE 120)			RF
UN006		TRANSDUCER - FUEL PRESSURE (ZONE 120)			RF
UN011		TRANSDUCER - FUEL FLOW			RF
UN031		SENSOR - TACHOMETER			RF

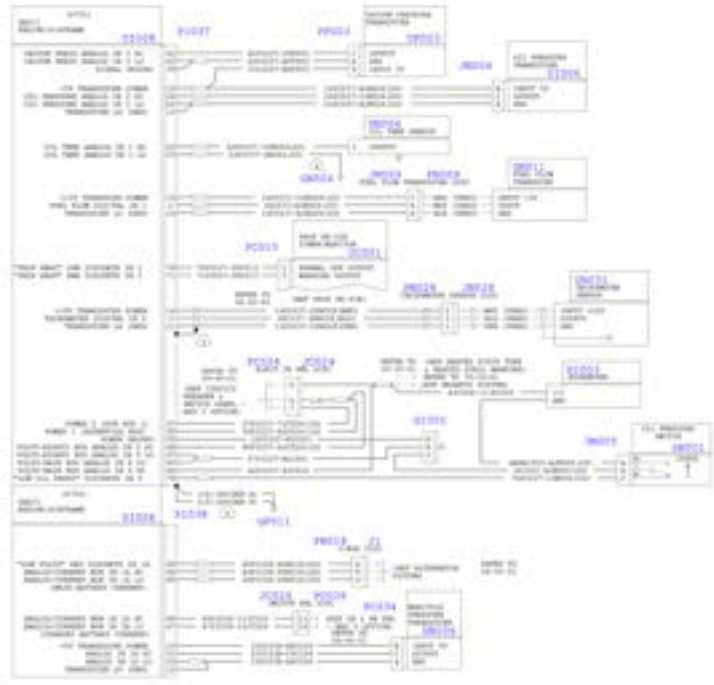
Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 06 : Sheet 01 : ENGINE AND AIRFRAME MONITOR



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 06 : Sheet 02 : ENGINE AND AIRFRAME MONITOR



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

ENGINE AND AIRFRAME MONITOR - WITH NAV III OPTION

AIRPLANES (T206) 09639 THRU 09762

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
EI003	C66503-0103	HOURMETER (ZONE 221)		(T206) 09639 - 09762	01
	S1493-1	. TERMINAL			02
GF011		GROUND			RF
GI001	200838-2	RECEPTACLE HOUSING	V00779	(T206) 09639 - 09762	01
	S2099-13	. CONTACT			01
	S2099-3	. CONTACT			01
	S2099-4	. CONTACT	V00779		06
GN004		GROUND (ZONE 120)			RF
J1	S1640-6	CONNECTOR - JUNCTION BOX DISCONNECT (ZONE 510)		(T206) 09639 - 09762	01
	S1635-1	. CONTACT	V49367		AR
JC024	S2350-4	CONNECTOR - ELECTRICAL CIRCUIT BREAKER PANEL DISCONNECT (ZONE 120)	V00779	(T206) 09639 - 09762	01
	S2353-4	. PIN			01
	S2353-5	. PIN			01
JC026	S2350-3	RECEPTACLE - SWITCH PANEL DISCONNECT (ZONE 120)		(T206) 09639 - 09762	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
	S2353-6	. CONTACT			AR
	S3373-1	. CONTACT			AR
	S2353-3	. PIN	V00779		AR
JC031	S2350-4	CONNECTOR - ELECTRICAL/AVIONIC DISCONNECT	V00779	(T206) 09639 - 09762	01
	S2353-5	. PIN			AR
JN004	S2800-277	CONNECTOR - OIL PRESSURE TRANSDUCER (ZONE 120)		(T206) 09639 - 09762	01
JN005	S2800-276	CONNECTOR - OIL PRESSURE SWITCH (ZONE 120)		(T206) 09639 - 09762	01
JN009	S2800-340	CONNECTOR - FUEL FLOW TRANSDUCER DISCONNECT (ZONE 120)		(T206) 09639 - 09762	01
JN011	NMP-K-F	CONNECTOR - #1 EGT SENSOR DISCONNECT (ZONE 220)	V29907	(T206) 09639 - 09762	01
	PCLM-NMP	. BACKSHELL - CABLE CLAMP	V29907		01
JN012	NMP-K-F	CONNECTOR - #2 EGT SENSOR DISCONNECT (ZONE 220)	V29907	(T206) 09639 - 09762	01
	PCLM-NMP	. BACKSHELL - CABLE CLAMP	V29907		01
JN013	NMP-K-F	CONNECTOR - #3 EGT SENSOR DISCONNECT (ZONE 220)	V29907	(T206) 09639 - 09762	01
	PCLM-NMP	. BACKSHELL - CABLE CLAMP	V29907		01
JN014	NMP-K-F	CONNECTOR - #4 EGT SENSOR DISCONNECT (ZONE 220)	V29907	(T206) 09639 - 09762	01
	PCLM-NMP	. BACKSHELL - CABLE CLAMP	V29907		01
JN015	NMP-K-F	CONNECTOR - #5 EGT SENSOR DISCONNECT (ZONE 220)	V29907	(T206) 09639 - 09762	01
	PCLM-NMP	. BACKSHELL - CABLE CLAMP	V29907		01
JN016	NMP-K-F	CONNECTOR - #6 EGT SENSOR DISCONNECT (ZONE 220)	V29907	(T206) 09639 - 09762	01
	PCLM-NMP	. BACKSHELL - CABLE CLAMP	V29907		01
JN017	NMP-K-F	CONNECTOR - #1 CHT SENSOR DISCONNECT (ZONE 220)	V29907	(T206) 09639 - 09762	01
	PCLM-NMP	. BACKSHELL - CABLE CLAMP	V29907		01
JN018	NMP-K-F	CONNECTOR - #2 CHT SENSOR DISCONNECT (ZONE 220)	V29907	(T206) 09639 - 09762	01
	PCLM-NMP	. BACKSHELL - CABLE CLAMP	V29907		01
JN019	NMP-K-F	CONNECTOR - #3 CHT SENSOR DISCONNECT (ZONE 220)	V29907	(T206) 09639 - 09762	01
	PCLM-NMP	. BACKSHELL - CABLE CLAMP	V29907		01
JN020	NMP-K-F	CONNECTOR - #3 CHT SENSOR DISCONNECT (ZONE 220)	V29907	(T206) 09639 - 09762	01
	PCLM-NMP	. BACKSHELL - CABLE CLAMP	V29907		01
JN021	NMP-K-F	CONNECTOR - #5 CHT SENSOR DISCONNECT (ZONE 220)	V29907	(T206) 09639 - 09762	01
	PCLM-NMP	. BACKSHELL - CABLE CLAMP	V29907		01
JN022	NMP-K-F	CONNECTOR - #6 CHT SENSOR DISCONNECT (ZONE 220)	V29907	(T206) 09639 - 09762	01
	PCLM-NMP	. BACKSHELL - CABLE CLAMP	V29907		01
JN023	NMP-K-F	CONNECTOR - TIT SENSOR DISCONNECT (ZONE 120)	V29907	(T206) 09639 - 09762	01
	PCLM-NMP	. BACKSHELL - CABLE CLAMP	V29907		01
JN028		CONNECTOR			RF
PB018	S2800-274	CONNECTOR - JUNCTION BOX DISCONNECT (ZONE 121)		(T206) 09639 - 09762	01
PC013	S2349-3	PLUG		(T206) 09639 - 09762	01
	S2351-3	. CLAMP			01
	S3373-2	. CONTACT			02
PC024	S2349-3	CONNECTOR - ELECTRICAL CIRCUIT BREAKER PANEL DISCONNECT		(T206) 09639 - 09762	01
	S2099-3	. CONTACT			03
	S2099-4	. CONTACT	V00779		06
PC026	S2349-1	PLUG - SWITCH PANEL DISCONNECT	V00779	(T206) 09639 - 09762	01
	S2099-3	. CONTACT			02
	S2099-4	. CONTACT	V00779		09
	S3373-2	. CONTACT			AR
PC031	S2349-3	CONNECTOR - ELECTRICAL/AVIONIC DISCONNECT		(T206) 09639 - 09762	01
	S2099-4	. CONTACT	V00779		06
PC034	S2800-277	CONNECTOR - MANIFOLD PRESSURE TRANSDUCER		(T206) 09639 - 09762	01
PI037		CONNECTOR			RF
PI038		CONNECTOR			RF
PN009		CONNECTOR			RF
PN011		CONNECTOR			RF

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

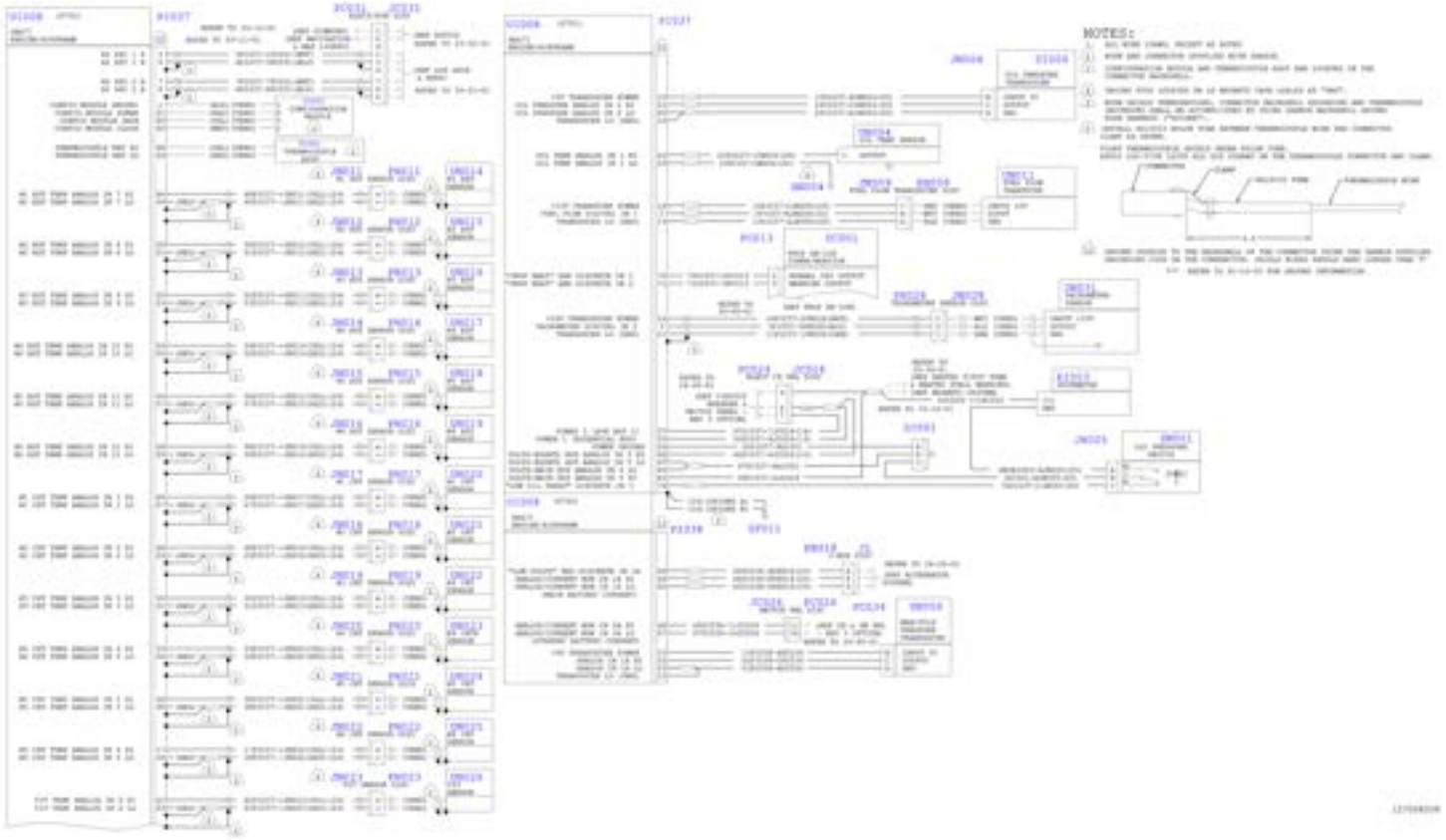
ENGINE AND AIRFRAME MONITOR - WITH NAV III OPTION

AIRPLANES (T206) 09639 THRU 09762

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
PN012		CONNECTOR			RF
PN013		CONNECTOR			RF
PN014		CONNECTOR			RF
PN015		CONNECTOR			RF
PN016		CONNECTOR			RF
PN017		CONNECTOR			RF
PN018		CONNECTOR			RF
PN019		CONNECTOR			RF
PN020		CONNECTOR			RF
PN021		CONNECTOR			RF
PN022		CONNECTOR			RF
PN023		CONNECTOR			RF
PN028	826886-7	CONNECTOR	V00779	(T206) 09639 - 09762	01
	S2099-4	. CONTACT	V00779		03
SN001	83278	SWITCH - OIL PRESSURE (ZONE 120)	V74400	(T206) 09639 - 09762	01
TI001		THERMOCOUPLE ASSEMBLY (ZONE 220)			RF
UC001		TIMER/MONITOR - PROPELLER HEAT (ZONE 224)			RF
UI001		MODULE - CONFIGURATION			RF
UI006		TRANSDUCER - OIL PRESSURE (ZONE 120)			RF
UI008		MONITOR - ENGINE/AIRFRAME (ZONE 220)			RF
UN004		SENSOR - OIL TEMPERATURE (ZONE 120)			RF
UN006		TRANSDUCER - FUEL PRESSURE (ZONE 120)			RF
UN011		TRANSDUCER - FUEL FLOW			RF
UN014		SENSOR - #1 EGT (ZONE 121)			RF
UN015		SENSOR - #2 EGT (ZONE 121)			RF
UN016		SENSOR - #3 EGT (ZONE 121)			RF
UN017		SENSOR - #4 EGT (ZONE 121)			RF
UN018		SENSOR - #5 EGT (ZONE 121)			RF
UN019		SENSOR - #6 EGT (ZONE 121)			RF
UN020		SENSOR - #1 CHT (ZONE 122)			RF
UN021		SENSOR - #2 CHT (ZONE 122)			RF
UN022		SENSOR - #3 CHT (ZONE 122)			RF
UN023		SENSOR - #4 CHT (ZONE 122)			RF
UN024		SENSOR - #5 CHT (ZONE 122)			RF
UN025		SENSOR - #6 CHT (ZONE 122)			RF
UN026		CONNECTOR - TIT SENSOR			RF
UN031		SENSOR - TACHOMETER			RF

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 07 : Sheet 01 : ENGINE AND AIRFRAME MONITOR - WITH NAV III OPTION



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

ENGINE AND AIRFRAME MONITOR - WITH NAV III OPTION

AIRPLANES (T206) 09763 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
AI001	S1370-1	SPLICE		(T206) 09763 & ON	01
AI002	S1370-1	SPLICE		(T206) 09763 & ON	01
AI003		SPLICE			RF
DI400	S3106-4	DIODE ASSEMBLY	V03508	(T206) 09763 & ON	01
DI401		DIODE ASSEMBLY			RF
EI003		INDICATOR - HOURMETER			RF
GF011		GROUND			RF
GI001	200838-2	RECEPTACLE HOUSING	V00779	(T206) 09763 & ON	01
	S2099-13	. CONTACT			01
	S2099-3	. CONTACT			01
	S2099-4	. CONTACT	V00779		06
GN004		GROUND (ZONE 120)			RF
J1		CONNECTOR			RF
JC024	S2350-4	CONNECTOR - ELECTRICAL CIRCUIT BREAKER PANEL DISCONNECT (ZONE 120)	V00779	(T206) 09763 & ON	01
	S2353-4	. PIN			01
	S2353-5	. PIN			01
JC026	S2350-3	RECEPTACLE - SWITCH PANEL DISCONNECT (ZONE 120)		(T206) 09763 & ON	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
	S2353-6	. CONTACT			AR
	S3373-1	. CONTACT			AR
	S2353-3	. PIN	V00779		AR
JC030	S2035-2	CONNECTOR - STALL WARNING HORN (ZONE 211)	V00779	(T206) 09763 & ON	01
	S1636-1	. CONTACT			AR
JC031	S2350-4	CONNECTOR - ELECTRICAL/AVIONIC DISCONNECT	V00779	(T206) 09763 & ON	01
	S2353-5	. PIN			AR
JN004	S2800-277	CONNECTOR - OIL PRESSURE TRANSDUCER (ZONE 120)		(T206) 09763 & ON	01
JN005	S2800-276	CONNECTOR - OIL PRESSURE SWITCH (ZONE 120)		(T206) 09763 & ON	01
JN009	S2800-340	CONNECTOR - FUEL FLOW TRANSDUCER DISCONNECT (ZONE 120)		(T206) 09763 & ON	01
JN011	NMP-K-F	CONNECTOR - #1 EGT SENSOR DISCONNECT (ZONE 220)	V29907	(T206) 09763 & ON	01
	PCLM-NMP	. BACKSHELL - CABLE CLAMP	V29907		01
JN012	NMP-K-F	CONNECTOR - #2 EGT SENSOR DISCONNECT (ZONE 220)	V29907	(T206) 09763 & ON	01
	PCLM-NMP	. BACKSHELL - CABLE CLAMP	V29907		01
JN013	NMP-K-F	CONNECTOR - #3 EGT SENSOR DISCONNECT (ZONE 220)	V29907	(T206) 09763 & ON	01
	PCLM-NMP	. BACKSHELL - CABLE CLAMP	V29907		01
JN014	NMP-K-F	CONNECTOR - #4 EGT SENSOR DISCONNECT (ZONE 220)	V29907	(T206) 09763 & ON	01
	PCLM-NMP	. BACKSHELL - CABLE CLAMP	V29907		01
JN015	NMP-K-F	CONNECTOR - #5 EGT SENSOR DISCONNECT (ZONE 220)	V29907	(T206) 09763 & ON	01
	PCLM-NMP	. BACKSHELL - CABLE CLAMP	V29907		01
JN016	NMP-K-F	CONNECTOR - #6 EGT SENSOR DISCONNECT (ZONE 220)	V29907	(T206) 09763 & ON	01
	PCLM-NMP	. BACKSHELL - CABLE CLAMP	V29907		01
JN017	NMP-K-F	CONNECTOR - #1 CHT SENSOR DISCONNECT (ZONE 220)	V29907	(T206) 09763 & ON	01
	PCLM-NMP	. BACKSHELL - CABLE CLAMP	V29907		01
JN018	NMP-K-F	CONNECTOR - #2 CHT SENSOR DISCONNECT (ZONE 220)	V29907	(T206) 09763 & ON	01
	PCLM-NMP	. BACKSHELL - CABLE CLAMP	V29907		01
JN019	NMP-K-F	CONNECTOR - #3 CHT SENSOR DISCONNECT (ZONE 220)	V29907	(T206) 09763 & ON	01
	PCLM-NMP	. BACKSHELL - CABLE CLAMP	V29907		01
JN020	NMP-K-F	CONNECTOR - #3 CHT SENSOR DISCONNECT (ZONE 220)	V29907	(T206) 09763 & ON	01
	PCLM-NMP	. BACKSHELL - CABLE CLAMP	V29907		01
JN021	NMP-K-F	CONNECTOR - #5 CHT SENSOR DISCONNECT (ZONE 220)	V29907	(T206) 09763 & ON	01
	PCLM-NMP	. BACKSHELL - CABLE CLAMP	V29907		01
JN022	NMP-K-F	CONNECTOR - #6 CHT SENSOR DISCONNECT (ZONE 220)	V29907	(T206) 09763 & ON	01
	PCLM-NMP	. BACKSHELL - CABLE CLAMP	V29907		01
JN023	NMP-K-F	CONNECTOR - TIT SENSOR DISCONNECT (ZONE 120)	V29907	(T206) 09763 & ON	01
	PCLM-NMP	. BACKSHELL - CABLE CLAMP	V29907		01
JN028		CONNECTOR			RF
P1		CONNECTOR			RF
PB018	S2800-274	CONNECTOR - JUNCTION BOX DISCONNECT (ZONE 121)		(T206) 09763 & ON	01
PC013	S2349-3	PLUG		(T206) 09763 & ON	01
	S2351-3	. CLAMP			01
	S3373-2	. CONTACT			02
PC024	S2349-3	CONNECTOR - ELECTRICAL CIRCUIT BREAKER PANEL DISCONNECT		(T206) 09763 & ON	01
	S2099-3	. CONTACT			03
	S2099-4	. CONTACT	V00779		06
PC026	S2349-1	PLUG - SWITCH PANEL DISCONNECT	V00779	(T206) 09763 & ON	01
	S2099-3	. CONTACT			02
	S2099-4	. CONTACT	V00779		09
	S3373-2	. CONTACT			AR

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

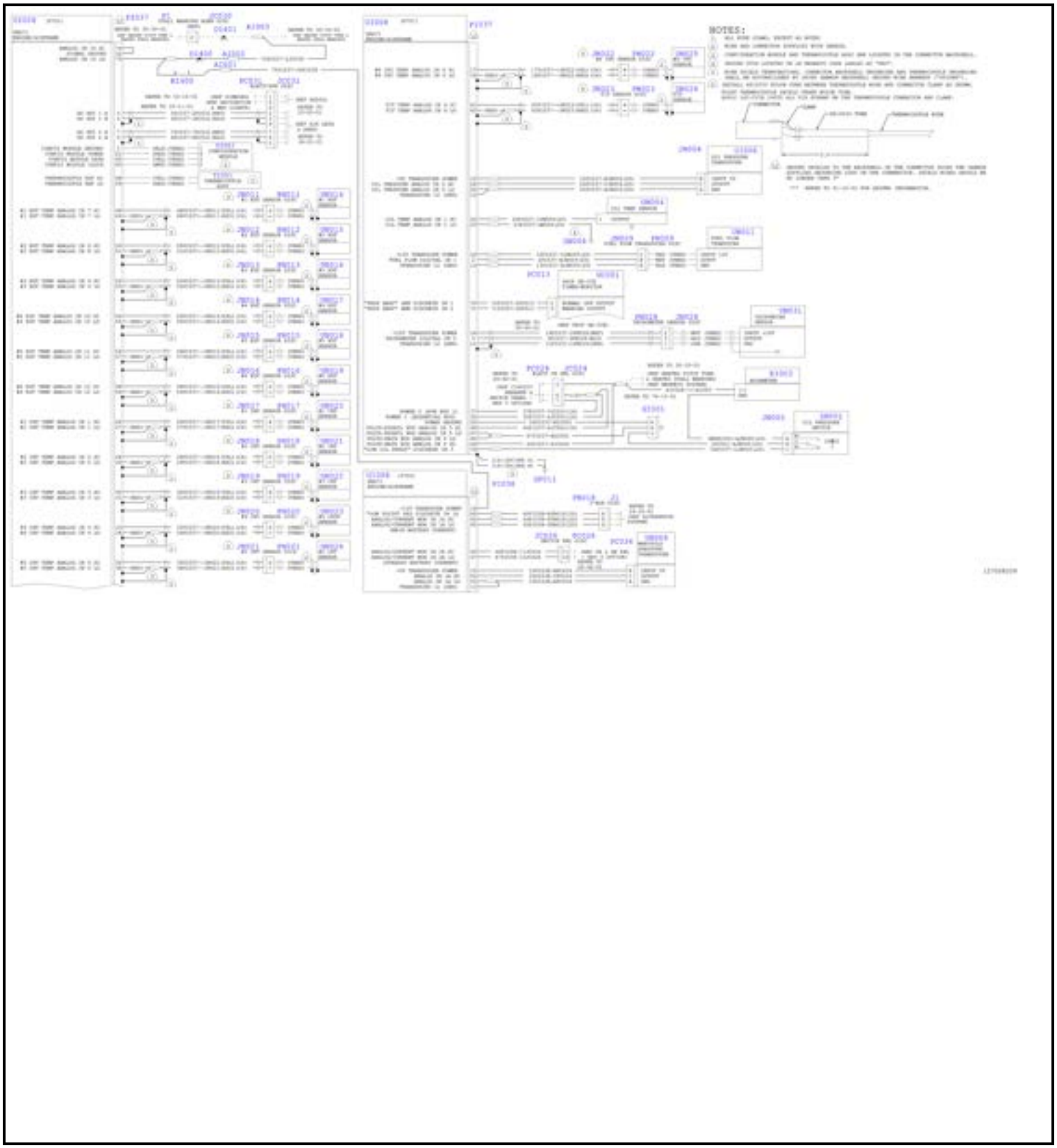
ENGINE AND AIRFRAME MONITOR - WITH NAV III OPTION

AIRPLANES (T206) 09763 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
PC031	S2349-3	CONNECTOR - ELECTRICAL/AVIONIC DISCONNECT		(T206) 09763 & ON	01
	S2099-4	. CONTACT	V00779		06
PC034	S2800-277	CONNECTOR - MANIFOLD PRESSURE TRANSDUCER		(T206) 09763 & ON	01
PI037		CONNECTOR			RF
PI038		CONNECTOR			RF
PN009		CONNECTOR			RF
PN011		CONNECTOR			RF
PN012		CONNECTOR			RF
PN013		CONNECTOR			RF
PN014		CONNECTOR			RF
PN015		CONNECTOR			RF
PN016		CONNECTOR			RF
PN017		CONNECTOR			RF
PN018		CONNECTOR			RF
PN019		CONNECTOR			RF
PN020		CONNECTOR			RF
PN021		CONNECTOR			RF
PN022		CONNECTOR			RF
PN023		CONNECTOR			RF
PN028	826886-7	CONNECTOR	V00779	(T206) 09763 & ON	01
	S2099-4	. CONTACT	V00779		03
RI400	S3105-10	RESISTOR ASSY		(T206) 09763 & ON	01
SN001	83278	SWITCH - OIL PRESSURE (ZONE 120)	V74400	(T206) 09763 & ON	01
TI001		THERMOCOUPLE ASSEMBLY (ZONE 220)			RF
UC001		TIMER/MONITOR - PROPELLER HEAT (ZONE 224)			RF
UI001		MODULE - CONFIGURATION			RF
UI006		TRANSDUCER - OIL PRESSURE (ZONE 120)			RF
UI008		MONITOR - ENGINE/AIRFRAME (ZONE 220)			RF
UN004		SENSOR - OIL TEMPERATURE (ZONE 120)			RF
UN006		TRANSDUCER - FUEL PRESSURE (ZONE 120)			RF
UN011		TRANSDUCER-FUEL FLOW			RF
UN014		SENSOR - #1 EGT (ZONE 121)			RF
UN015		SENSOR - #2 EGT (ZONE 121)			RF
UN016		SENSOR - #3 EGT (ZONE 121)			RF
UN017		SENSOR - #4 EGT (ZONE 121)			RF
UN018		SENSOR - #5 EGT (ZONE 121)			RF
UN019		SENSOR - #6 EGT (ZONE 121)			RF
UN020		SENSOR - #1 CHT (ZONE 122)			RF
UN021		SENSOR - #2 CHT (ZONE 122)			RF
UN022		SENSOR - #3 CHT (ZONE 122)			RF
UN023		SENSOR - #4 CHT (ZONE 122)			RF
UN024		SENSOR - #5 CHT (ZONE 122)			RF
UN025		SENSOR - #6 CHT (ZONE 122)			RF
UN026		CONNECTOR - TIT SENSOR			RF
UN031		SENSOR - TACHOMETER			RF

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 08 : Sheet 01 : ENGINE AND AIRFRAME MONITOR - WITH NAV III OPTION



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

ELECTRICAL SAFETY PRECAUTIONS - DESCRIPTION AND OPERATION

1. General

A. This section contains general information on physical and chemical processes which require the use of chemicals, solvents or other commercially available materials.

B. The user of this publication should obtain the material safety data sheets (Occupational Safety and Health Act (OSHA) Form 20 or equivalent) from the manufacturers or suppliers of materials to be used. The user must become completely familiar with the manufacturer/supplier information and adhere to the procedures, recommendations, warnings, and cautions of the manufacturer/supplier for the safe use, handling, storage and disposal of these materials. Users of this manual are also advised to refer to pertinent safety information contained in the "NIOSH Occupational Guideline for Chemical Hazards" published by the United States Department of Labor.

C. WARNINGS are provided to alert operating and maintenance personnel to potential hazards that could result in personal injury; they do not replace the manufacturers' recommendations.

D. CAUTIONS are provided to alert operating and maintenance personnel to conditions that could result in equipment damage.

2. General Safety Warnings

WARNING: BEFORE USING ANY OF THE FOLLOWING MATERIALS, BE AWARE OF ALL HANDLING, STORAGE AND DISPOSAL PRECAUTIONS RECOMMENDED BY THE MANUFACTURER OR SUPPLIER. FAILURE TO COMPLY WITH MANUFACTURER'S OR SUPPLIER'S RECOMMENDATIONS MAY RESULT IN SERIOUS INJURY, PHYSICAL DISORDER OR DEATH.

A. Xylene is toxic and flammable. Do not breathe vapors. Use in a well ventilated area free from sparks, flame or hot surfaces. Wear splash goggles, solvent resistant gloves and other protective gear. In case of eye contact, flush with water and seek medical attention. In case of skin contact, wash with soap and water.

B. Isopropyl alcohol is toxic. Do not breathe vapors. Use in well ventilated area free from sparks, flame or hot surfaces. Wear splash goggles, solvent resistant gloves and other protective gear. In case of eye contact, flush with water and seek medical attention. In case of skin contact, wash with soap and water.

C. 1,1,1 trichloroethane is toxic. Do not breathe vapors. Use in well ventilated area free from sparks, flame or hot surfaces. Wear splash goggles, solvent resistant gloves and other protective gear. In case of eye contact, flush with water and seek medical attention. In case of skin contact, wash with soap and water.

D. Acid chromate deoxidizing solution is corrosive to human tissue. Do not breathe vapors. Use in well ventilated area. Wear chemical resistant clothing, gloves, splash goggles and face shield. In case of eye or skin contact, flush with water and seek medical attention.

E. Chromate chemical conversion coating and nitric acid are both corrosive to human tissue. Do not breathe vapors. Use in well ventilated area. Wear chemical resistant clothing, gloves, splash goggles and face shield. In case of eye or skin contact, flush with water and seek medical attention.

F. Alcohol base rosin solder flux is flammable. Use in well ventilated area free from sparks, flame or hot surfaces.

G. When using compressed air for cleaning or drying, regulate pressure to 29 pounds per square inch or less. Wear goggles or face shield to protect eyes.

3. General Cautions

A. Solder type relay terminals to which no leads are connected should be protected with shrinkable tubing to prevent the possibility of shorting or grounding resulting in erratic operation or damage.

B. Reduce all power supplies to zero before connecting or disconnecting electrical devices.

C. Tag and identify wires as they are removed from connector or any other electrical device to facilitate reinstallation.

4. Printed Circuit Board Repair Cautions

A. Repair of printed circuit board assemblies by other than experienced technicians is not recommended. Unless a malfunction can be localized to a particular component, an entire board should be replaced to correct a fault.

B. Semiconductor devices are heat sensitive. Use a suitable heat dissipater between solder connection and body of component when soldering or removing solder connections.

(1) All solder and solder removal tools should be low wattage (40 watt) and low temperature (750° maximum). Do not overheat the circuit board lands.

(2) To avoid heat damage, remove solder joint within three seconds and solder a joint within two seconds.

(3) Excessive pressure from a solder or solder removal tool can delaminate the circuit pads or runs. Use a light touch when using these devices.

(4) Avoid placing the hot soldering iron near components or printed circuitry when iron is not in use.

C. Use only rosin cored solder material conforming to Federal Specifications QQ-S-571, Composition Sn60. Use rosin solder flux with an alcohol base. In no case is acid core solder or acid base flux to be used to install electrical components.

D. Do not use ultrasonic equipment, Methyl n-Propyl Ketone or chlorinated hydrocarbon solutions to clean printed circuit board assemblies.

E. Steel wool, steel wire brushes and abrasives containing iron or iron oxide shall not be used for mechanical cleaning.

F. Use care when handling printed circuit board assemblies to avoid flexing and cracking boards and to avoid wire breakage at soldered connections.

G. Special Handling of Static Sensitive Devices.

(1) Integrated circuits and some other components used on printed circuit boards can be damaged by static electricity.

(2) Use precautionary procedures when touching, removing or inserting components and assemblies identified as being electrostatic discharge sensitive.

(3) Static sensitive devices are sent from the manufacturer with conducting material shorting the leads. Maintain the short on the device leads and case while storing or moving components.

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

(4) Keep static sensitive devices in their containers in the same configuration as they were originally shipped whenever possible. Place the containers on a grounded metal plate at any station where operations are to be performed. Do not remove container cover unless in a static free area.

(5) Repair personnel shall ground themselves before handling any static sensitive device.

(6) Personnel shall wear a conductive wrist strap connected to a ground having a resistance of 0.25 to 2 megohms.

(7) Handle devices only when necessary, and then by first grasping the ceramic body or the metal can before touching any of the individual leads with tweezers or other tools. Do not handle by leads or terminals. Ceramic packages with brazed leads require extra careful handling to avoid breaking off the leads since bending and twisting can fracture the braze.

(8) Perform all assembly operations involving static sensitive devices on a grounded conductive surface having a resistance of 100K ohms to 2 megohms/per square.

(9) Electrically ground all metal cabinets and conductive containers used for storing static sensitive devices.

(10) Personnel shall wear smocks made of cotton or antistatic nylon. Do not use smocks made from ordinary nylon or other synthetic materials. Antistatic garments shall be plainly marked.

(11) All electrical assembly equipment (soldering irons and tips, insulation strippers, heat guns, etc.) must be grounded. All solder and solder removal tools and equipment must also be grounded. Ionized air blowers can be used to reduce charge buildup in areas where grounding is not possible or desirable.

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

WIRING - MAINTENANCE PRACTICES

1. General

A. The airplane wiring consists of electrical (power) and electronic (avionics) wiring.

B. Whenever an electrical circuit has been disconnected for maintenance or inspection purposes, the circuit shall be tested for integrity by performing an operational test or continuity check of all circuits involved.

2. Wire Types

A. Refer to Figure 201 for examples of each category.

3. Wire Specification

A. Wire specifications are identified by a combination of letters and numbers that define the wire, number of cables, shield style and material and jacket material. This specification may or may not be embossed on the wire jacket.

B. Replace wires with the type specified, if defined in the applicable wiring diagram.

C. When the wire specification is not defined in the applicable wiring diagram, the following procedure should be used to determine wire specification when ordering for replacement purposes.

(1) First determine the wire type by referring to Figure 201.

(2) Determine wire gage by referring to the wire identification number on the applicable wiring diagram.

EXAMPLE: HJF162-96PF15(20) - wire gage is 20.

(3) Determine the number of conductors by referring to the applicable wiring diagram

(4) For unshielded single conductor wires use the following procedure.

NOTE: Always use the following information to determine wire specification even if the wire being replaced has a different wire specification than that shown. Due to specification changes and superseding wire specification numbers, the wire specification of the wire being replaced may not be in use any longer.

(a) Refer to Table 201 to determine base part number and refer to Table 202 for color codes. Part number is (BASE PART NUMBER) - (GAGE) - (COLOR)

Table 201. Single Conductor, Unshielded Wires

SPECIFICATION	USE	EFFECTIVITY
MIL-W-22759/16	Non-shielded single conductor wire: 22 thru 4 gage.	17280001 - 17280938 172S8001 - 172S8755
MIL-W-22759/16	8 thru 4 gage	17280939 & On 172S8756 & On
MIL-W-81044/12	Non-shielded single conductor wire used aft of firewall only: 22 thru 12 gage	17280939 & On 172S8756 & On
MIL-W-81044/9	Non-shielded single conductor wire used forward of firewall: 20 thru 10 gage.	17280939 & On 172S8756 & On
M27500-**TG*T14	Shielded wire: **Gage (22 thru 14) *Number of conductors	17280001 & On 172S8001 & On

Table 202. Color Codes for Single Conductor, Unshielded Wires

0=BLACK	1=BROWN	2=RED	3=ORANGE	4=YELLOW
5=GREEN	6=BLUE	7=VIOLET	8=GRAY	9=WHITE

EXAMPLE: HJF162-96PF15(22), single conductor wire not requiring high temperature wire has a wire specification of M81044/12-22-9.

EXAMPLE: 3S183-SP227(20), single conductor high temperature wire has a wire specification of M22759/3-20-9.

EXAMPLE: GND17-ESG1(00), single conductor starter generator has a wire specification of M22759/41-00-9.

(5) For twisted unshielded wire uses part number M27500 - (GAGE) ML * U00.

Substitute * with the number of conductors.

EXAMPLE: Pair of wires, EJF28-MPF143(20) WHITE and FJF28-KPF143(20) BLACK (shown as pair on diagram) has a wire specification of M27500-20ML2U00.

(6) For Shielded single and multiconductor wire use Part number M27500 - (GAGE) ML * T08. Substitute * with the number of conductors.

EXAMPLE: 9PT52-9PT54(22) (shown as shielded on the diagram) has a wire specification of M27500-22ML1T08.

D. Single Conductor Shielded, Jacketed and Multiconductor Wires.

(1) Refer to Figure 202 for an explanation of MIL-C-27500 part numbers.

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

E. Special wires are used in the control wheels.
   (1) Order S3333-1 Multiconductor Cable for the left control wheel.
   (2) Order S3333-2 Multiconductor Cable for the left control wheel with Electric Trim.
   (3) Order S3333-3 Multiconductor Cable for the right control wheel.

4. Wire Identification

A. Refer to Introduction for details of wire numbering.
B. Each wire shall be identified with legible characters at intervals not exceeding 15 inches for the length of the wire. The wire should also be marked approximately 3 inches from each break or each terminal except that this distance can be increased to install ties, clamps, connectors, supporting devices or terminals.
C. No identification marks or numbers are required on external wires that are part of vendor furnished equipment.
D. Wires or cables less than 3 inches in length need not be identified.
E. Wire identification can be marked on the wire as follows:
   (1) Hot embossing of single wire.
   (2) Hot embossing of pressure sensitive tape.
   (3) The marking of vinyl sleeves.
   (4) The marking of printing foils.
F. Coaxial cables may be identified by applying the identification code directly to shrink tubing and installing within 3 inches of termination.

5. Reidentification of Wires

A. Reidentification of a wire is required when wire runs are replaced or when existing wire is used for new purposes.

6. Tools and Equipment

NOTE: The materials (or equivalent) listed in Table 203 are required.

Table 203. Tools and Equipment

NAME	NUMBER	MANUFACTURER	USE
Aliphatic Naphtha	TT-N-95	Locally available	Cleaning agent.
Petrolatum	AN-P-51	Locally available	Wire installation.
Twine	MIL-T-713	Locally available	Wire installation ties.
Vinyl Tape	CT-93C	Resin Industries Inc. Santa Barbara, CA	Wrapping cables.
Sleeving	MIL-I-7444B Type I	Locally available	Insulation and protection.
Sleeving	MIL-I-7444B Type II	Locally available	Identification of wires.
Lacquer	MIL-L-7178	Locally available	Overcoating ties.
Fiberglass Cord	MIL-Y-1140	Locally available	Wire installation ties.
Tape, Adhesive Insulating	MIL-I-7798	Locally available	Insulation and wire repair.
Braided Glass Sleeving	MIL-I-3190	Locally available	Protect wires from abrasion.
Insulation Tubing	MIL-I-23053/5	Raychem Corp. 300 Constitution Dr. Menlo Park, CA 94025	Heat shrink insulation.
Glass Fabric Tape	P31D	Permacel Division Johnson and Johnson P.O. Box 671 New Brunswick, NJ 08903	High Temperature Insulation
Tie (Sta-Strap)	MS3367	Locally available	Tying wire bundles.
Tie Tool	Panduit GS-2B	Panduit Corp.	Installing ties.

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

NAME	NUMBER	MANUFACTURER	USE
Red Glyptal Insulating Varnish	90-2	GC Electronics Division of Hydrometals, Inc. 6820 Latijere Blvd. Los Angeles, CA 90045	Coat areas adjacent to wire bundles for insulation
Tape, Pressure Sensitive	365	Minnesota Mining and Mfg. Co. St. Paul, MN 55101	High temperature insulation and repair.

7. Removal/Installation of Wires

A. Install Wire. Observe the following general rules when installing wires in open runs.

(1) Avoid crossovers, twists and kinks.

(2) Wiring shall not be attached to or supported by plumbing lines containing flammable liquids or oxygen. Where possible, wire should be routed above these lines.

(a) Wires and cables should be located a minimum of 6 inches from lines where practical.

(b) A separation of between 2 and 6 inches is acceptable, provided the wires are rigidly clamped.

(c) When a minimum of 2 inches cannot be maintained, a separation of between 0.5 to 2 inches shall be acceptable, provided the electrical wires are rigidly clamped and covered with electrical insulating material.

(3) Cables installed in locations where fluid can be trapped must be protected against contamination by fluid.

(a) All wiring insulation shall be protected from moisture deterioration by using drain holes in the tubing, sleeving or conduit and by keeping wiring out of sumps and areas of excessive moisture.

(b) When routed through areas where cables may become saturated with oil, they shall be enclosed in conduits.

CAUTION: MAKE SURE THAT FLUID DOES NOT CONTACT WIRES, AND REMOVE ANY FLUID FROM THE WIRES, THE HARDWARE THAT HOLDS THEM, OR AVIONICS AND ELECTRICAL EQUIPMENT. COLLECT AND DISCARD ANY FLUID SPILLED WITH CLOTHS, PLASTIC SHEETS, AND CONTAINERS. FLUID CONTAMINATION CAN CAUSE WIRE INSULATOR DETERIORATION AND SHORT CIRCUITS.

(4) Wires shall not be routed closer than 3 inches to components producing heat in excess of 140°F. Wires required to connect with heat producing components shall be routed directly away from the component and maintain the 3 inch clearance thereafter. Wiring operating in elevated temperatures shall be wrapped with tape or contained in conduits.

(5) Wires and cables shall be positioned or protected to avoid contact with rough or irregular surfaces and sharp edges.

(a) All wiring shall be protected from chafing by the use of grommets, protective sleeves, by proper support and correct routing.

(b) All screws or metal edges that are within 0.20 inch of a wire or cable shall be coated with Glyptal, protected by nylon caterpillar-type grommets or other protection.

(c) Wiring shall be routed to avoid contact with moving parts.

(d) Wiring around sharp edges should be avoided at all times.

CAUTION: USE A CLOTH TO COVER ANY WIRES, AVIONICS OR ELECTRICAL EQUIPMENT THAT IS IN A LOCATION WHERE METAL CHIPS OR SHAVINGS CAN FALL. BE SURE TO REMOVE ANY METAL CHIPS OR SHAVINGS FROM WIRES, AVIONICS AND ELECTRICAL EQUIPMENT. CONTAMINATION FROM METAL SHAVINGS CAN CAUSE WIRE INSULATOR DETERIORATION AND SHORT CIRCUITS

(e) Wiring shall be routed so they will not be crushed or pinched during installation.

(6) Lightly coat wire with petroleum jelly or water before pulling through pressure feed-thru.

(7) Leave enough slack in wiring to accomplish the following:

(a) Permit staking of terminals.

(b) Ease of maintenance.

(c) Permit free movement of shock-mounted equipment.

(d) Prevent mechanical strain on wiring and wiring supports.

(e) Provide adequate drip and service loops.

CAUTION: DRIP LOOPS MUST BE ARRANGED SO THAT DRIP FROM LOOP DOES NOT FALL ON EQUIPMENT WHICH MIGHT BE ADVERSELY AFFECTED. ON MOISTURE RESISTANT CONNECTORS, DRIP LOOPS MAY BE OMITTED WHERE SPACE IS LIMITED. COAXIAL CABLE ASSEMBLIES IDENTIFIED AS IMPEDANCE MATCHING UNITS MUST BE A SPECIFIED LENGTH. DO NOT SHORTEN CABLE TO REMOVE EXCESS SLACK.

(8) The securing of wire groups, bundles, sleeves, adapter clamps and tape shall be accomplished with a clove hitch knot secured with a square knot. Refer to Figure 203.

(a) MIL-T-713 twine and Sta-straps shall be limited in use to operational temperatures of less than 200°F.

(b) The free ends of the MIL-T-713 twine shall be a minimum of 3/8 inch long.

(c) Wire groups or bundles shall be tied at intervals not to exceed 12 inches.

(d) Insulating sleeving over splices and identification sleeves shall be bound securely at both ends. The ties shall be made approximately 1/4 inch from the ends of the sleeves. Sleeves over bare terminals shall be tied at one end only or the tie shall be made around the wire or cable at the end of the sleeve away from the terminal.

(e) Wires or cables in conduit or insulating sleeving shall not be tied.

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

(f) In no case shall a tie be drawn so tightly that cutting or penetration of the conductor jacket or insulation will result.

(g) Tying cord shall not be used for support of the bundle.

(h) Two or more wire groups may be tied to each other and installed in the same clamp provided sufficient ties are left on the individual groups to retain group identity.

(i) When cable groups cross each other, they shall be tied together at point of contact.

(9) The minimum bend radius of any cable other than coaxial cable is ten times the outside diameter of the cable.

(a) At terminals where the cable is suitably supported, the minimum radius may be five times the outside diameter.

(b) When impractical to meet radius requirements, shorter bend radii are permitted if the bend is enclosed in insulated tubing. For electrical equipment and accessories, the minimum bend radius may be three times the diameter of the wire.

(c) For coaxial cables, the minimum bend radius shall be six times the outside diameter of the cable.

(10) Wiring shall be routed in open areas where visible for maintenance when possible.

(11) Adhesive tapes, which will dry out in service, produce chemical reaction with wire insulation or absorb moisture, shall not be used.

(12) Wiring shall be supported at intervals of not more than 12 inches except when contained in ducts or conduits.

(a) Tie wraps shall be used to maintain a bundle at intervals no more than 6 inches or less than 4 inches.

(b) Wiring supporting devices shall be of such size that the wires will be held securely in place without damage to the insulation.

(c) Hot glue shall not be used to support wiring.

(13) All wiring shall be protected against any factor which would disrupt the correct functioning such as shorts, grounding, parting, corrosion or environmental exposure.

CAUTION: INSTALL CAPS OR OTHER PROTECTION ON ELECTRICAL CONNECTORS THAT ARE DISCONNECTED. THIS WILL HELP TO PREVENT CONTAMINATION WITH FLUID AND MOISTURE.

8. Terminal Board Installation

A. All screws fastening the terminal board to the structure shall be inserted with the head toward the terminal side of the board, if possible. All screws inserted with the thread end toward the terminal side shall have a maximum of 2 one-half threads through the nut.

B. A maximum of four terminals shall be attached to one terminal lug.

C. The terminal shall be attached to the terminal block so that no part of the wire proper shall contact the terminal stud.

D. When tightening the nut on the stud, caution shall be exercised to prevent breaking loose or shearing the molded-in stud or breaking the frame.

E. All terminals shall be orientated on the terminal strip stud in such a manner that a possible movement of the terminal shall tighten the top stud nut. When more than one terminal is attached to a terminal post, only the top terminal must be arranged as described.

F. The washers, wire terminals and/or bus bars, and terminal stud nuts shall be assembled on terminal studs in the following sequence starting at the terminal block; (1) plain washers; (2) lockwashers; (3) first stud nut; (4) terminal(s) and/or bus bar(s); (5) plain washer; (6) lockwasher; (7) final stud nut. When a terminal is attached to an equipment item with a screw, the screw shall be passed through a lockwasher, a plain washer and the terminal(s) in sequence with the wire terminal against the attachment point on the equipment. Refer to Figure 204.

9. Wire Repairs

A. General Instructions.

(1) Replace broken, frayed, cracked or damaged wire with new wire. The entire wire segment should be replaced. Replacement wire segment must be size and type indicated on the applicable wiring diagram. If wire or cable damage is limited to outer covering only, wire or cable may be repaired as outlined in this section.

CAUTION: DO NOT SPLICE, SOLDER OR TAPE DAMAGED WIRE UNLESS INVESTIGATION PROVES THAT SYSTEM INTEGRITY WILL NOT BE AFFECTED. DO NOT USE SMALLER SIZE WIRE. USE OF SMALLER SIZE WIRE CAN RESULT IN BURNED WIRING OR MALFUNCTIONING EQUIPMENT.

B. Braided Nylon Insulated Wires.

(1) Clean area to be repaired with aliphatic naphtha.

(2) Lay loose nylon strands as evenly as possible over damaged area.

(3) Spiral wrap double layer of vinyl tape over damaged area, overlapping 1/2 width of tape. Tape should extend at least one inch beyond both ends of damaged area.

(4) Tie both ends of tape with nylon cord and brush knots with clear lacquer.

(5) Small gage wires may be wrapped with adhesive vinyl tape.

C. Chromel/Alumel Thermocouple Wire.

(1) Clean damaged area with solvent.

(2) Lay loose fiberglass covering ends as evenly as possible over damaged area.

(3) Tension spiral wrap double layer of glass fabric tape (Permacel EE-3343) over damaged area, overlapping 1/2 width of tape. Tape should extend at least one inch beyond both ends of damaged area. Maximum length of taped area should be no greater than 3-1/2 inches.

(4) Cure tape in place by heating with heat gun or lamp to approximately 320°F for 30 minutes. Protect adjacent wires from heat by covering with heat resistant material.

(5) The ends of the outer insulation which has been stripped back and trimmed on the thermocouple leads should be served from the ends of the insulation back to approximately 1/2-inch by wrapping cord as shown in Figure 205.

D. Splicing Electrical Wires. Splicing of wires is not recommended; however, in some cases, splicing of wires may be necessary.

(1) Refer to Splices and Terminals for splices and tools.

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

(2) All splices shall be covered with an insulating sleeve and secured. Preinsulated splices need not be covered by an additional sleeve as long as the splice is completely covered.
   (a) The splice crimping tool for preinsulated splices has an insulation crimping adjustment set to 1, 2, 3 or 4 depending on the thickness of insulation. The splice should have a firm crimp on insulation without damage.
(3) Splices in the same wire group or bundle shall be staggered to prevent excessive enlargement of the group or bundle.
(4) Aluminum cables shall not be spliced.
(5) Splicing Shielded Wires. Refer to Figure 206.
   (a) Refer to Splices and Terminals for splices and tools.
   (b) Splices in the same wire group or bundle shall be staggered to prevent excessive enlargement of the group or bundle.
   (c) Splices shall not be located under a clamp or in a place where the wire bundle is flexed, such as at a wire bundle breakout to an instrument.
   (d) Stagger inner conductor splices as shown in Figure 206.
   (e) After installing braided solder sleeve the solder shall be completely melted and environmental seal bands must make contact with the outer jacket of the wire.
   (f) After installing the braided solder sleeve, the braided solder sleeve must not be cut or split. Shield strands must not extend through the braided solder sleeve.

E. Splicing Coax Cables. Splicing of coax is not recommended; however, in some cases, splicing of coax may be necessary.
(1) Coaxial cables used in a system where a specific length of cable is required for proper operation shall not be spliced.

Examples of systems that require specific coax lengths are Radio Altimeter and ELT.

(2) Triax cable shall not be spliced.
(3) Splicing of coax is limited to Nav, Comm and DME systems.
   (a) Cut the coax at the location of the damage.
   (b) Install TNC style (threaded) coax plug and jack on the ends of the coax or install TNC style (threaded) coax plugs on both ends of the coax and connect to a bulkhead feed-thru connector.
   (c) Cover the connectors with heat shrink tubing per MIL-I-23053. Refer to Heat Shrink Tubing - Maintenance Practices.

F. Terminal Installation.
(1) Refer to Splices and Terminals for terminals.

G. Heat Shrink Tubing Installation.
(1) Refer to Heat Shrinkable Tubing - Maintenance Practices for heat shrink tubing.

H. Wire Stripping.
(1) All wires shall be stripped with wire stripping tools. Hand knives shall not be used except when required for cables and aluminum wires.
(2) Sufficient insulation shall be stripped from the wire so no insulation will touch the connection.
(3) Care shall be taken to avoid nicking or otherwise damaging the wire or remaining insulation. For the minimum requirements that will be acceptable for nicking or cut wire strands, refer to Table 204.

Table 204. Maximum Nicked or Broken Strands For Stripped Wire

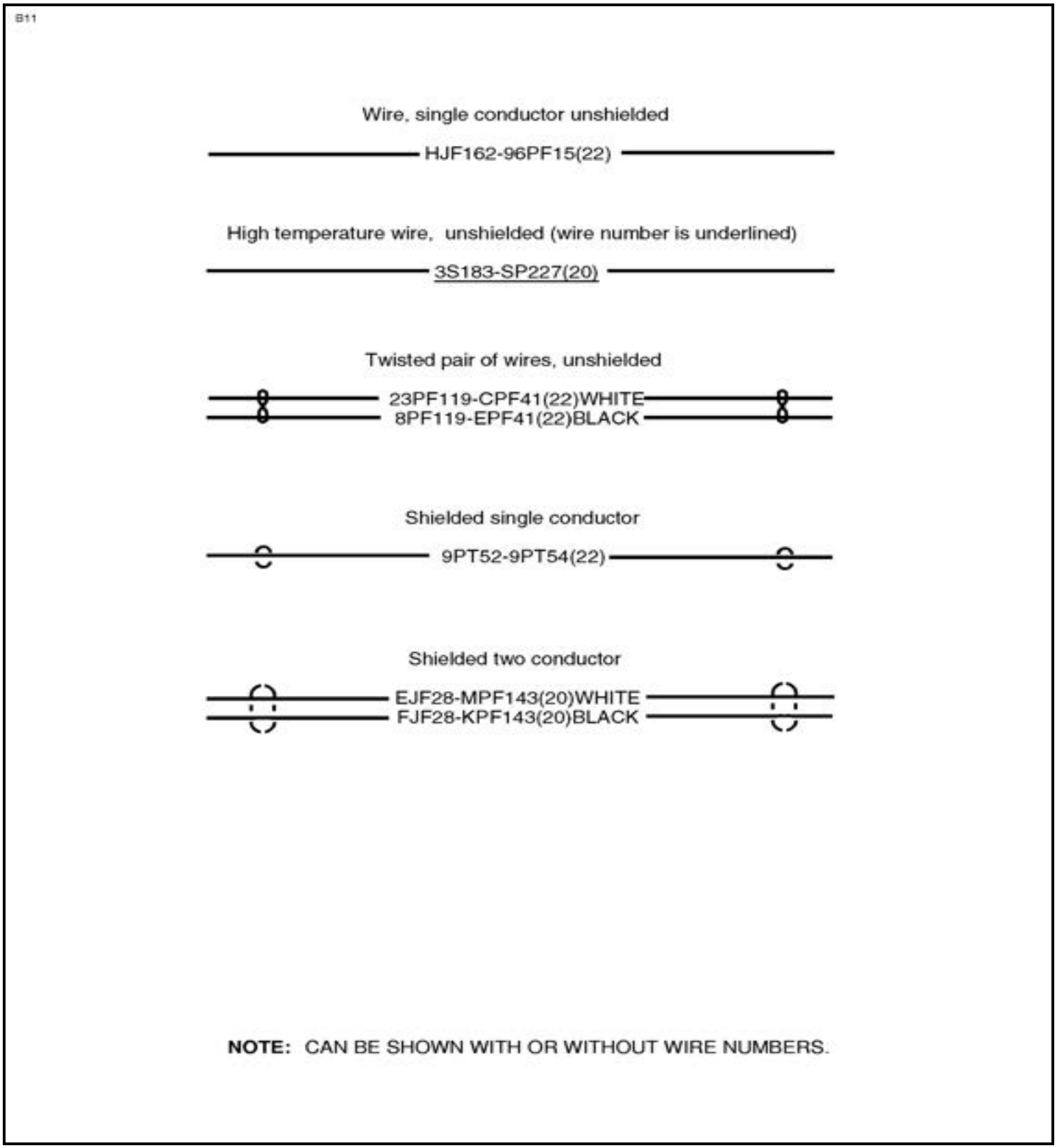
NUMBER OF STRANDS	MAXIMUM ALLOWABLE NICKED OR BROKEN STRANDS
LESS THAN 7	0
7-15	1
16-18	2
19-25	3
26-36	4
37-40	5
41 OR MORE	6

I. Soldering.
(1) Refer to Soldering - Maintenance Practices for soldering.

J. Backshell
(1) All non self locking backshell coupling nuts shall have a bead of RTV157 applied to the nut and backshell body after tightening.

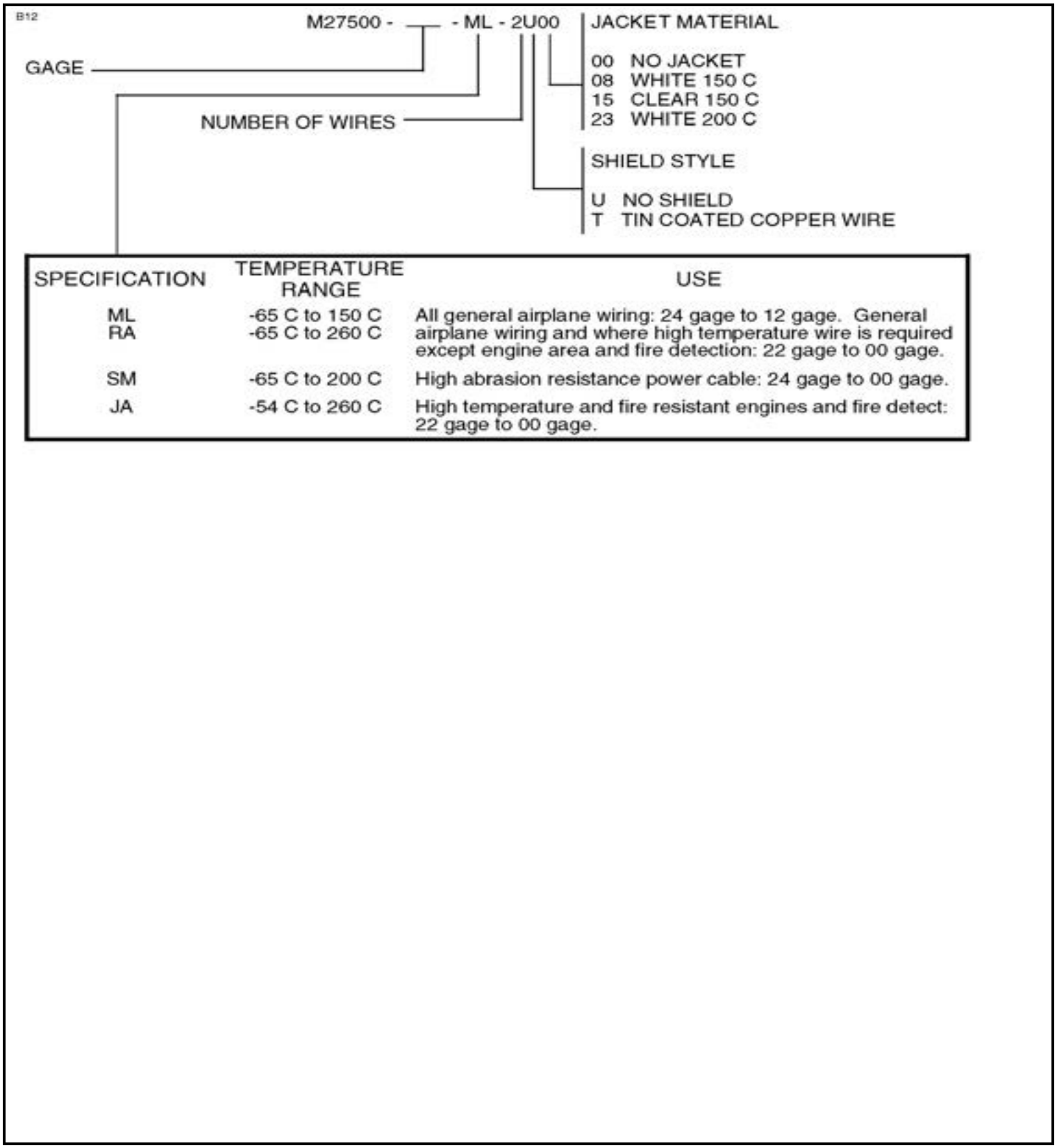
Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 201 : Sheet 1 : Wire Catagories



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

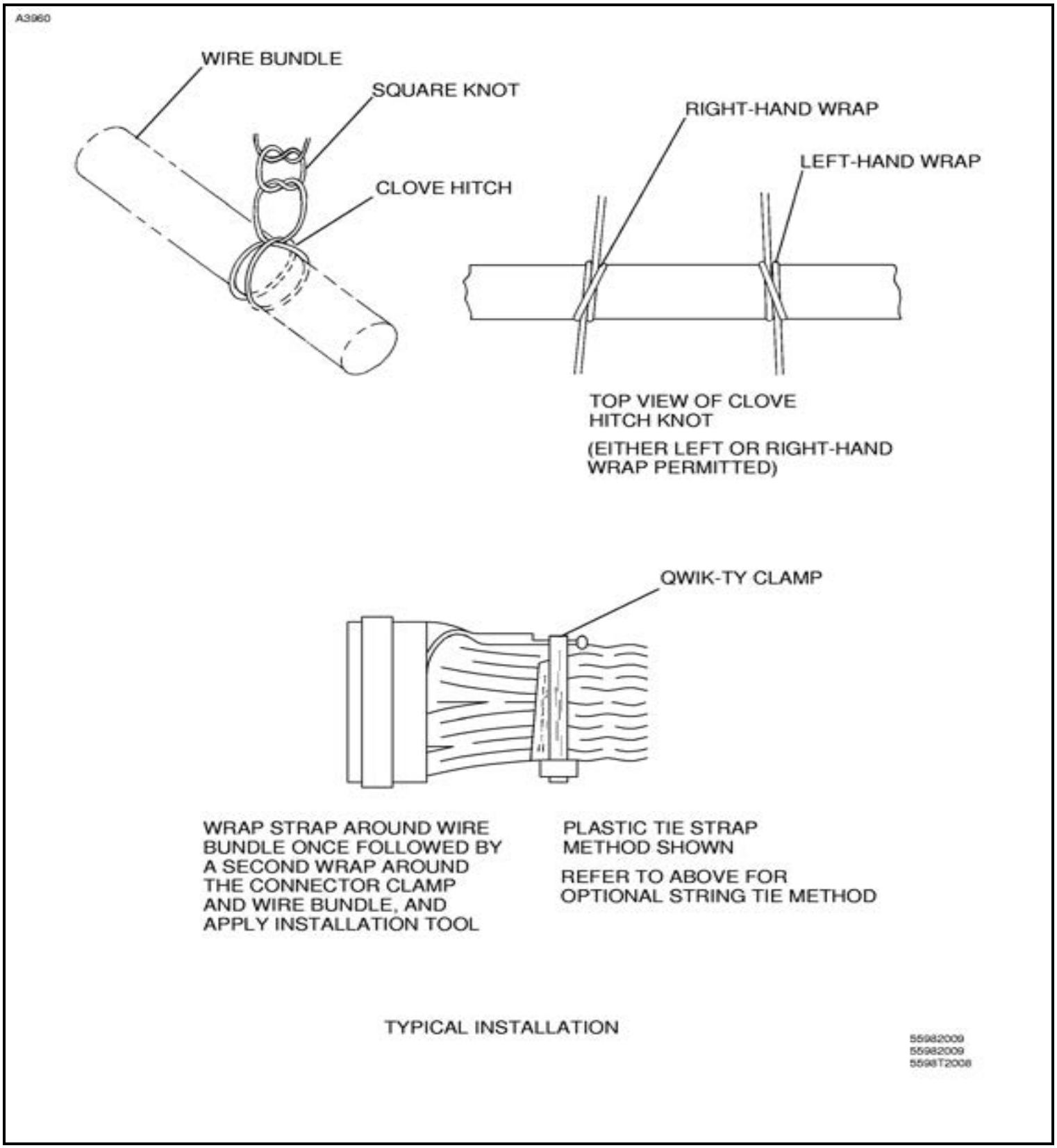
Figure 202 : Sheet 1 : Wire Part Numbers



SPECIFICATION	TEMPERATURE RANGE	USE
ML RA	-65 C to 150 C -65 C to 260 C	All general airplane wiring: 24 gage to 12 gage. General airplane wiring and where high temperature wire is required except engine area and fire detection: 22 gage to 00 gage.
SM	-65 C to 200 C	High abrasion resistance power cable: 24 gage to 00 gage.
JA	-54 C to 260 C	High temperature and fire resistant engines and fire detect: 22 gage to 00 gage.

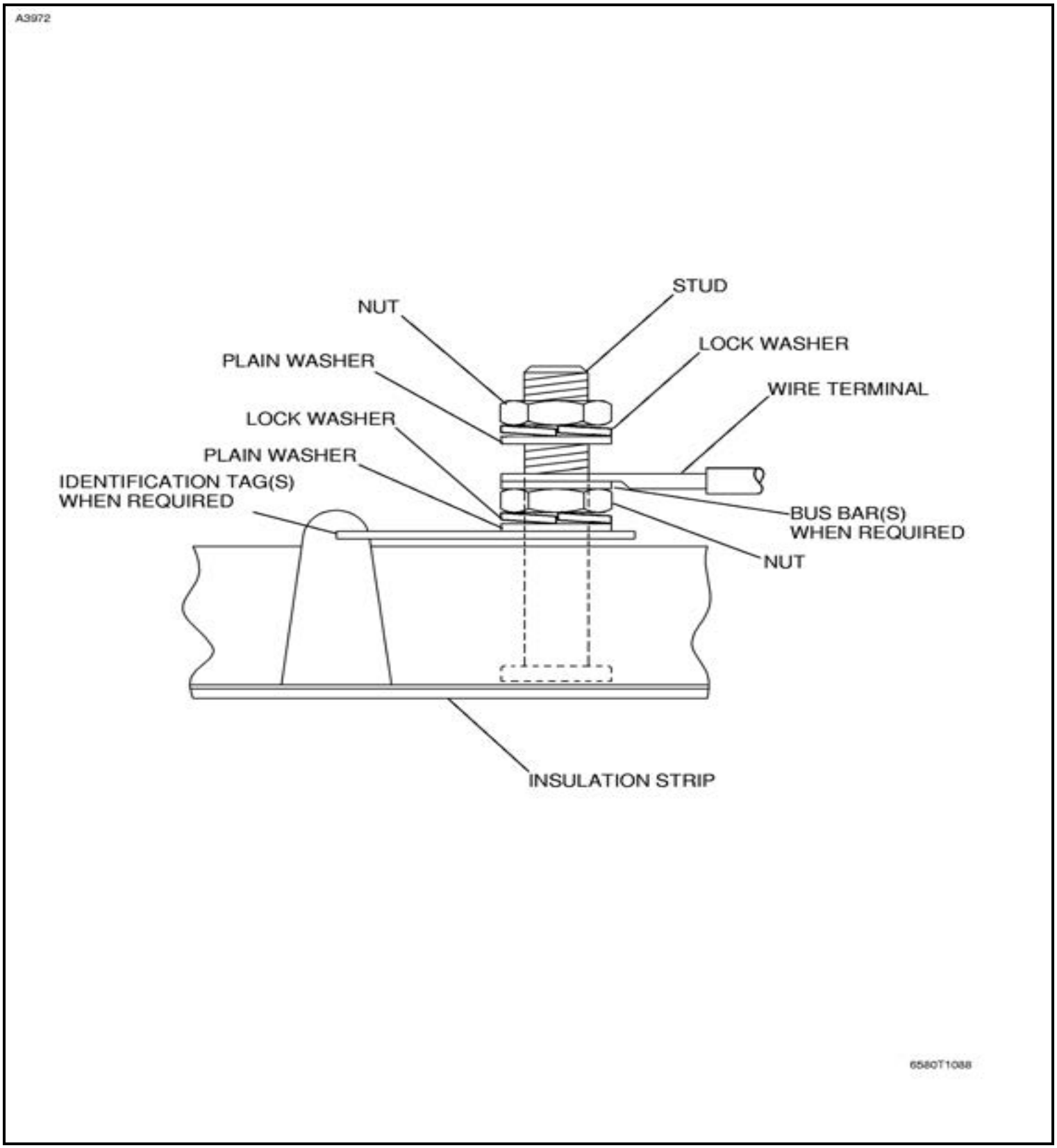
Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 203 : Sheet 1 : Binding Tie



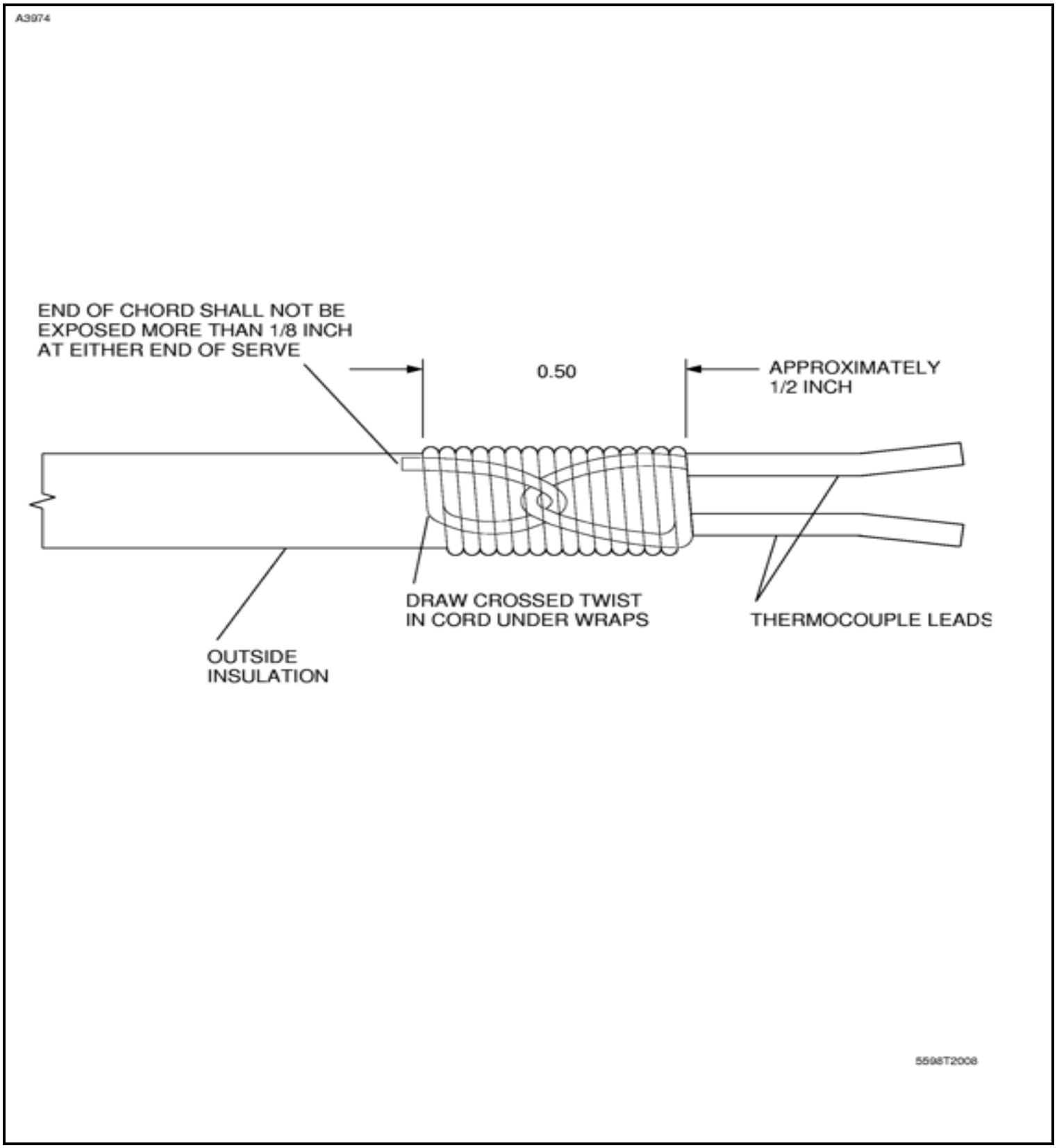
Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 204 : Sheet 1 : Terminal Board Installation



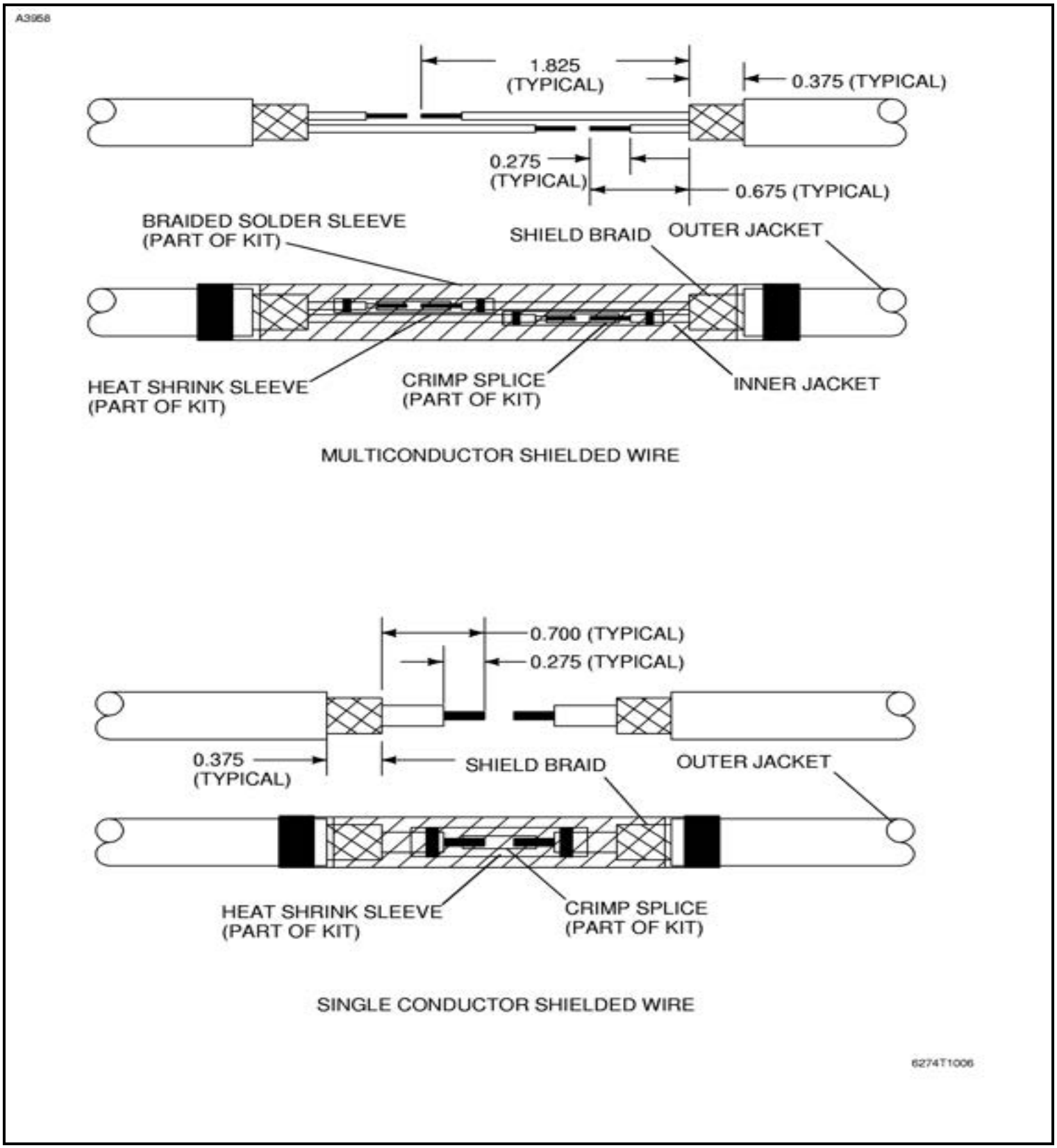
Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 205 : Sheet 1 : Serving Thermocouple Leads



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 206 : Sheet 1 : Shielded Wire Splices



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

BONDING AND GROUNDING - MAINTENANCE PRACTICES

1. General

A. All installed components and equipment should be bonded and grounded.

2. Removal/Installation of Bonding and Grounds

A. Surface Preparation for Bonding.
   (1) Remove oil, grease, dirt and other contaminates with clean cotton cloth dampened with solvent.
   (2) Completely remove paint, dyes or stains with an approved solvent. Wipe dry with a clean, dry cloth.
   (3) Use adhesive finishing paper or cloth, Number 320 grit or finer, or aluminum wool to remove nonconductive coatings from surfaces to be bonded.

B. Install Ground.
   (1) There shall be no more than four terminals attached to any ground stud.
   (2) A maximum of two ground wires may be crimped in one terminal. If shown on a wire diagram, it is permissible to have three braid straps per ground terminal.
   (3) Install terminal to grounding structural member in accordance with Figure 201.
   (4) Touch up or refinish the bonded members by reapplying the original paint finish.
   (5) The perimeter of all permanent electrical contact areas shall be sealed after assembly using Type I or Class VC sealant. Refer to the Maintenance Manual, Chapter 20, Solvents, Sealants And Adhesives for sealant types and application.

3. Installation of Shielded Cable Grounds

A. Shield termination using Method I. To be used when a single or small number of shielded cables terminate at a common point.
   (1) Strip cable in accordance with dimensions in Figure 202. Use Thomas & Betts Tool Number WT-700 or functionally equivalent to cleanly cut the shield to required length.
   (2) Refer to Table 201 to determine proper solder sleeve for cable being used.
   (3) The sleeve should be placed on the cable large end first. The shield should be bottomed against the necked portion of the sleeve thus correctly positioning the sleeve for shrinking and soldering.
   (4) Position the sleeve so that it is centered between the inserts of the nose cone on a heat gun and move side to side until proper shrinking and soldering is observed. Use the Raychem Zap Gun or Raychem Model CV-4504 Shop Air Heater for this purpose.
   (5) For terminating a relatively small number of shields at a common point, apply Method I as shown in Figure 203.

Table 201. Shielded Cable Ground Installation

Shielded Wire Mil-C-27500	Solder Sleeve Raychem P/N D144-
22B1T2	-50
22B2T2	-51
22B3T2	-51
20B1T2	-50
20B2T2	-51
20B3T2	-51
18B1T2	-50
18B2T2	-51
16B1T2	-51
14B1T2	-51

B. Shield termination using Method II. To be used when a large number of shielded cables terminate at a common point.
   (1) Prepare individual shielded cables as shown in Figure 204. Use Thomas & Betts Tool Number WT-093B to slip conductor(s) out of shield. Refer to Figure 205 for wire stripping dimensions.
   (2) Slip all prepared shielded cables and all unshielded wires that terminate at the same point through the appropriate size solder sleeve.
   (3) Position sleeve per Figure 205 and use procedure described in 3.A.(3) for shrinking and soldering of sleeve.

C. Alternate method. To be used when solder sleeves are not available.
   (1) Cut the outer jacket around its circumference four inches from the end of the cable as shown in Figure 206.
   (2) Push the metal braid shielding back over the insulated wire to make a hump.
   (3) Make an opening by separating the wires in the metal braid at the hump. Work the insulated wire through the opening. Push the shielding even further over the wire. Wrap one or two turns of vinyl tape around the wire at the base of the hump. Slide the braid over the taped joint.

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

CAUTION: DO NOT DAMAGE THE WIRE INSULATION OR SHIELDING.

(4) Slide the outer covering over the pigtail and taped wire. Wrap two or three turns of tape around the cut end of the outer jacket to make a moisture and dustproof joint.

(5) Cut the insulated wire to proper length, strip insulation and install connector.

(6) Cut the pigtail to length. Enclose pigtail in vinyl sleeving and stake terminal to pigtail.

D. Dead ending a shield.

(1) Strip cable and cut heat shrink tubing to length according to dimensions in Figure 207.

(2) refer to Heat Shrinkable Tubing - Maintenance Practices for proper size tubing and further installation details.

NOTE: Part number D144-50 solder sleeve is for a single 22 AWG pigtail. For more than one pigtail or pigtail larger than 22 AWG use a D144-51 solder sleeve.

NOTE: For Mil-W-16878 Type D shielded cable use shrink tube for a heat sink between the conductor insulation and the shield.

4. Terminating Shielded Cables

A. When terminating shielded cables, the following guide lines should be observed.

(1) Shield terminations (jumper wires or braid strap) shall be as short and as straight as possible to the back of a connector or to a ground stud.

(2) Ground shields only where indicated by the applicable wiring diagram.

(3) There shall be no more than two jumper wires (or braid straps) per ground terminal. If shown on a wire diagram, it is permissible to have three braid straps per ground terminal.

(4) Only jumper shielded cables together as shown on the applicable wiring diagram.

(5) Refer to Table 201 to determine proper solder sleeve for shielded cable to be terminated.

Table 202. Solder Sleeves for Shielded Cable

Diameter - Inches (Wire and Jumper)		Solder Sleeve	Raychem P/N
Maximum	**Minimum**		
0.105	0.035	S2974*1	
0.145	0.055	S2974*2	D108-10
0.200	0.085	S2974*3	D108-11
0.255	0.130	S2974*4	
0.300	0.170	S2974*5	D108-12
0.450	0.225		D142-65
0.535	0.350		

B. Strip the shielded cable in accordance with dimensions in Figure 202.

(1) Use Thomas & Betts tool Number WT-700 (or equivalent) to cleanly cut the shield to required length.

(2) The fold back strip method is required for M27500 Type B shielded cable.

(3) The center strip method is used when terminating shields at a connector backshell, equipment rack or using a single solder sleeve for several shielded cables.

C. Position the solder sleeve and jumper (or braid strap) and heat with a Raychem Zap Gun or Raychem Model CV-4504 Shop Air Heater (or equivalent), move side to side until proper shrinking and soldering is observed. Refer to Figure 208.

NOTE: For MIL-W-16878 Type D shielded cable use shrink tube for a heat sink between the conductor insulation and the shield.

(1) There shall be no more than two jumpers (or braid straps) per solder sleeve.

(2) If using a single solder sleeve for several shielded cables, slip the shielded cables and all unshielded wires that terminate at the same point through the solder sleeve.

D. Dead ending a shield. Refer to Figure 207.

(1) Strip shield braid within 1.5 inches from the end of the wire.

(2) Position heat shrink tubing 0.75 inch long over the shield braid. Refer to Chapter 20, Heat Shrinkable Tubing - Maintenance Practices.

(3) Heat the heat shrink tubing with a Raychem Zap Gun or Raychem Model CV-4504 Shop Air Heater (or equivalent), move side to side until proper shrinking is observed.

E. Terminating shields at connector backshells or equipment racks. Refer to Figure 209.

(1) Solder sleeves shall be four inches or less from the connector.

(2) Only use S2974-X Solder Sleeves (with braid strap).

(3) Crimp braid strap(s) in terminal to match strain relief screws. Refer to Chapter 20, Splices and Terminals, to determine terminal size required.

(4) Ensure connector backshell and strain relief clamp are properly tightened.

F. Terminating shields with a band clamp. Refer to Figure 210.

(1) Band clamps are used to terminate shields at a connector backshell or equipment rack. Band clamps are also used to terminate shield

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

overbraids that cover an entire wire bundle.

(2) Refer to Table 202 for band clamp and installation tool part numbers.

Table 203. Band Clamp and Installation Tool Part Numbers

Name	Part Number	Manufacturer	Use
Band Clamp	600-052	BAND-IT - IDEX, Inc. P.O. Box 16307 Denver , CO 80216-0307	Shield and shield overbraid termination
Tie-Dex II Tool	A40199	BAND-IT - IDEX, Inc. P.O. Box 16307 Denver , CO 80216-0307	Installation of band clamps

(3) When replacing band clamps, the following guidelines should be observed.
- (a) Substitutions, such as tie wraps, are not allowed.
- (b) Only use S2974-X Solder Sleeves (with braid strap) or braid straps when terminating shields with a band clamp.
- (c) Ensure wires are not under the area to be clamped.
- (d) Band clamps may not be reused. Band clamps must be replaced when removed for maintenance.
- (e) After installation, the band clamp shall lay flat across the area to be clamped and shall be secure (cannot be moved by hand).

(4) Removal of band clamps.
- (a) Using a flat screwdriver, bend down the locking lip on the band clamp and slide the band through the band clamp buckle.

(5) Installation of band clamps.
- (a) Double wrap the band clamp around area to be clamped. Both wraps of the band clamp must pass through the slot on the band clamp buckle.
- (b) Squeeze the gripper release handle on the band clamp installation tool and insert the band into the installation tool band slot.

  NOTE: The cut-off handle (white handle) should be on the same side as the band clamp buckle.
- (c) Repeatedly squeeze the pull-up handle (blue handle) until the handle locks against the installation tool body.
- (d) Squeeze the cut-off handle (white handle) to crimp a locking lip on the band clamp and cut off excess band.

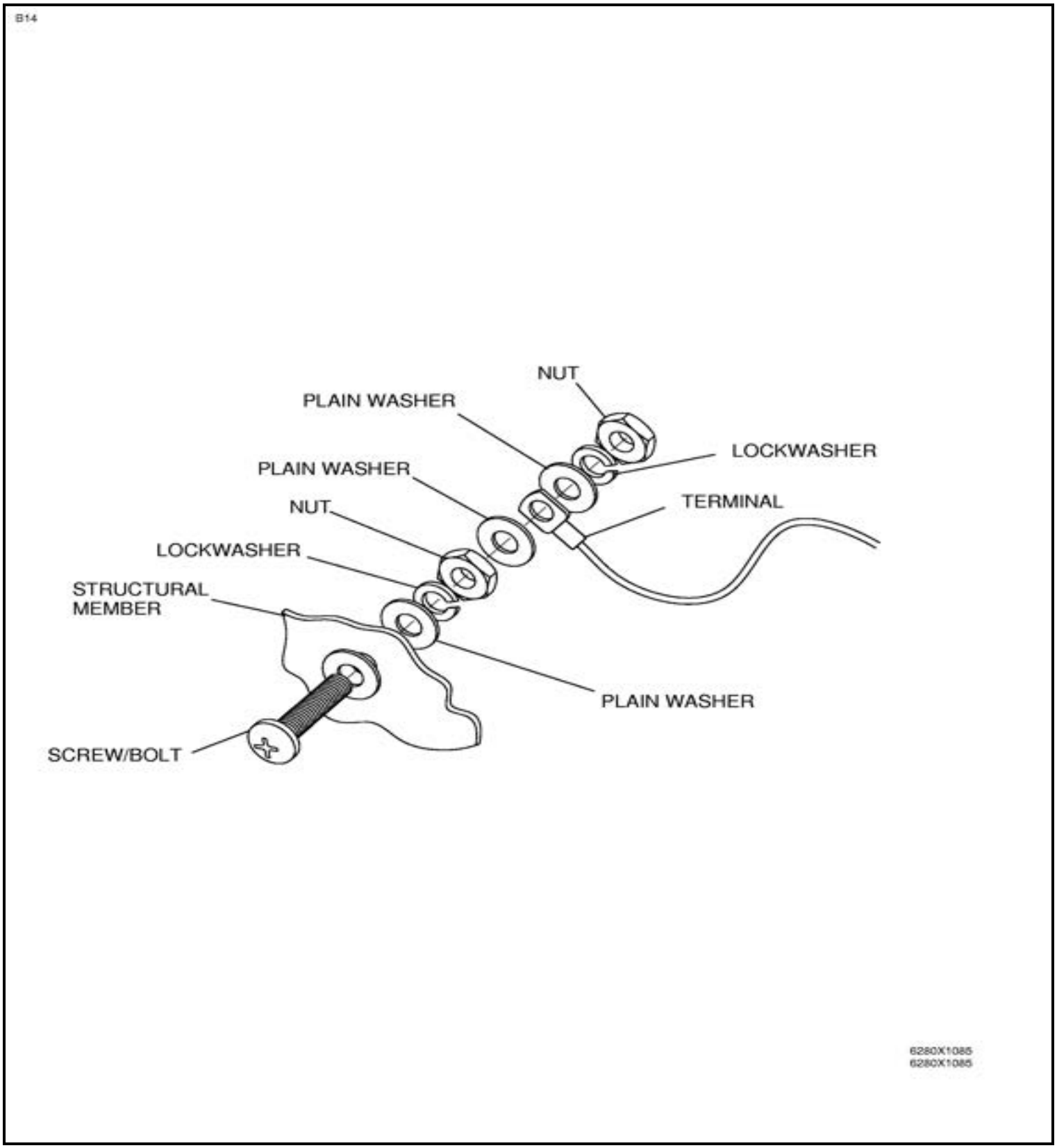
5. Resistance Values for Shield Terminations

A. Resistance measured from a shield termination (braid strap) to a ground point shall be 0.010 ohms (10 milliohms) or less. Refer to Figure 211.

B. Resistance measured from a ground point to the connector body shall be 0.005 ohms (5 milliohms) or less. Refer to Figure 211.

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

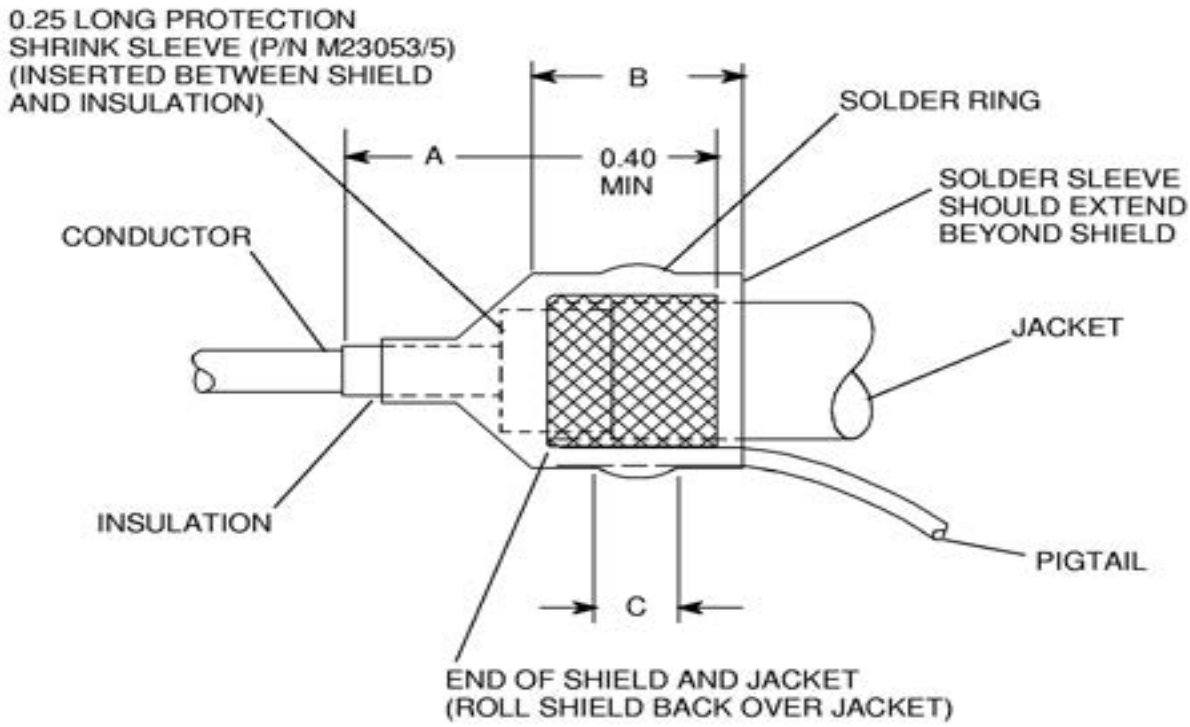
Figure 201 : Sheet 1 : Terminal Grounding



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 202 : Sheet 1 : Solder Sleeve Assembly Using Method I

B15



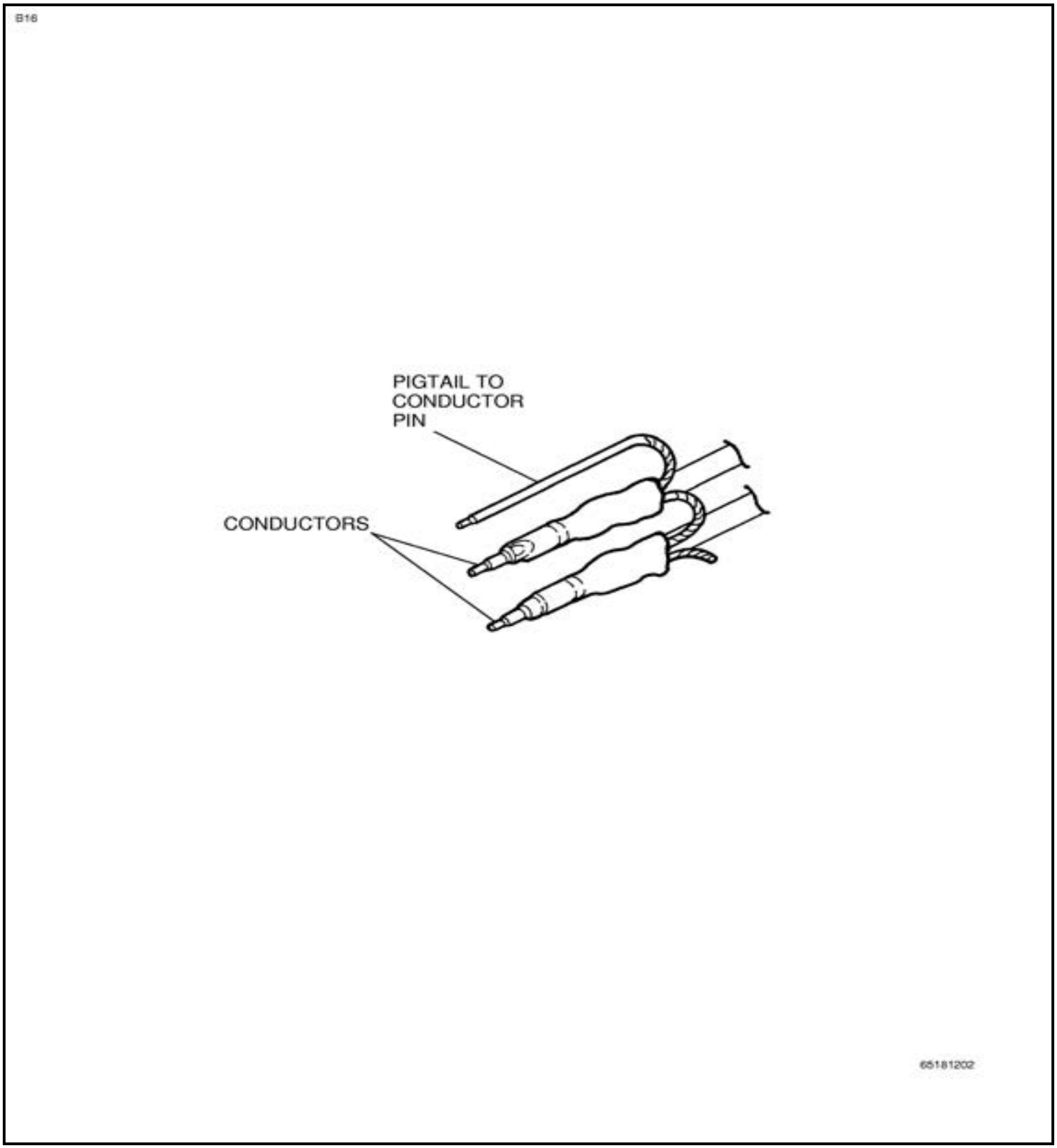
DIM.	MIN.	MAX.
A	0.50	3.00
B	0.625	0.675
C	0.20	0.50

NOTE: SINGLE CONDUCTOR SHOWN. THIS METHOD ALSO APPLICABLE TO DUAL AND TRIPLE CONDUCTOR SHIELDED CABLE.

6018C1039

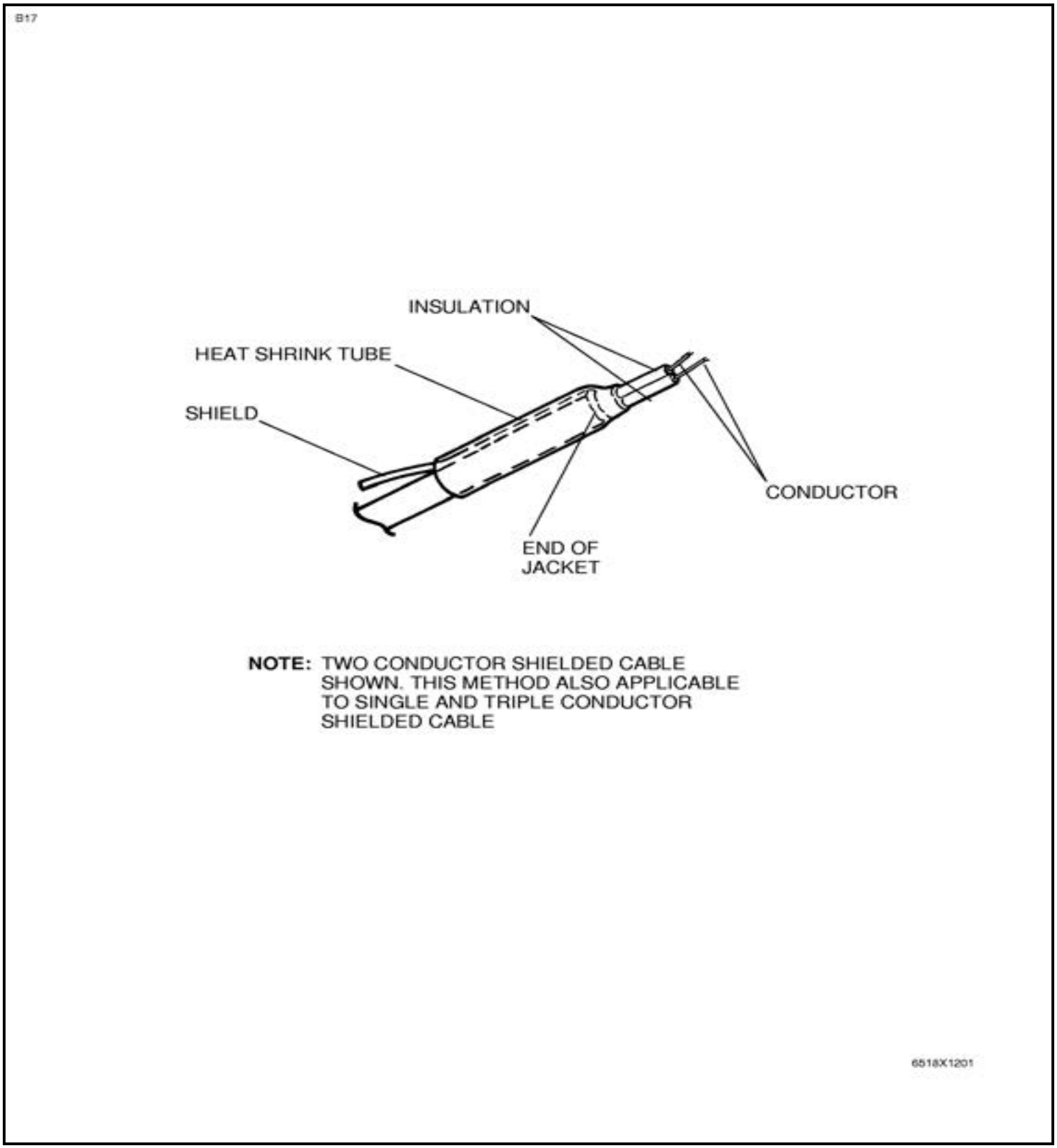
Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 203 : Sheet 1 : Multiple Shield Terminations Using Method I



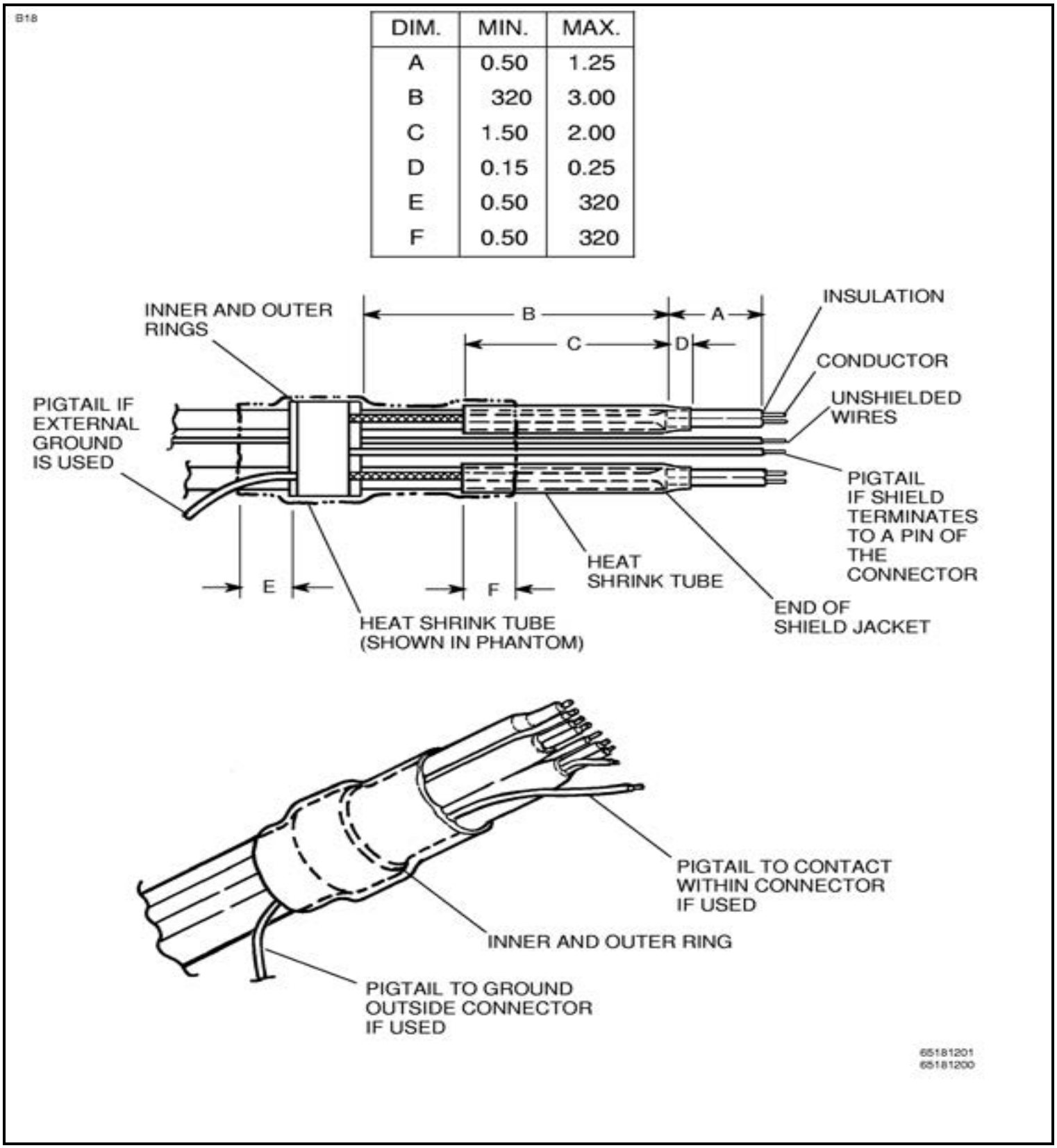
Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 204 : Sheet 1 : Preparation of Individual Shielded Cables Before Applying Method II



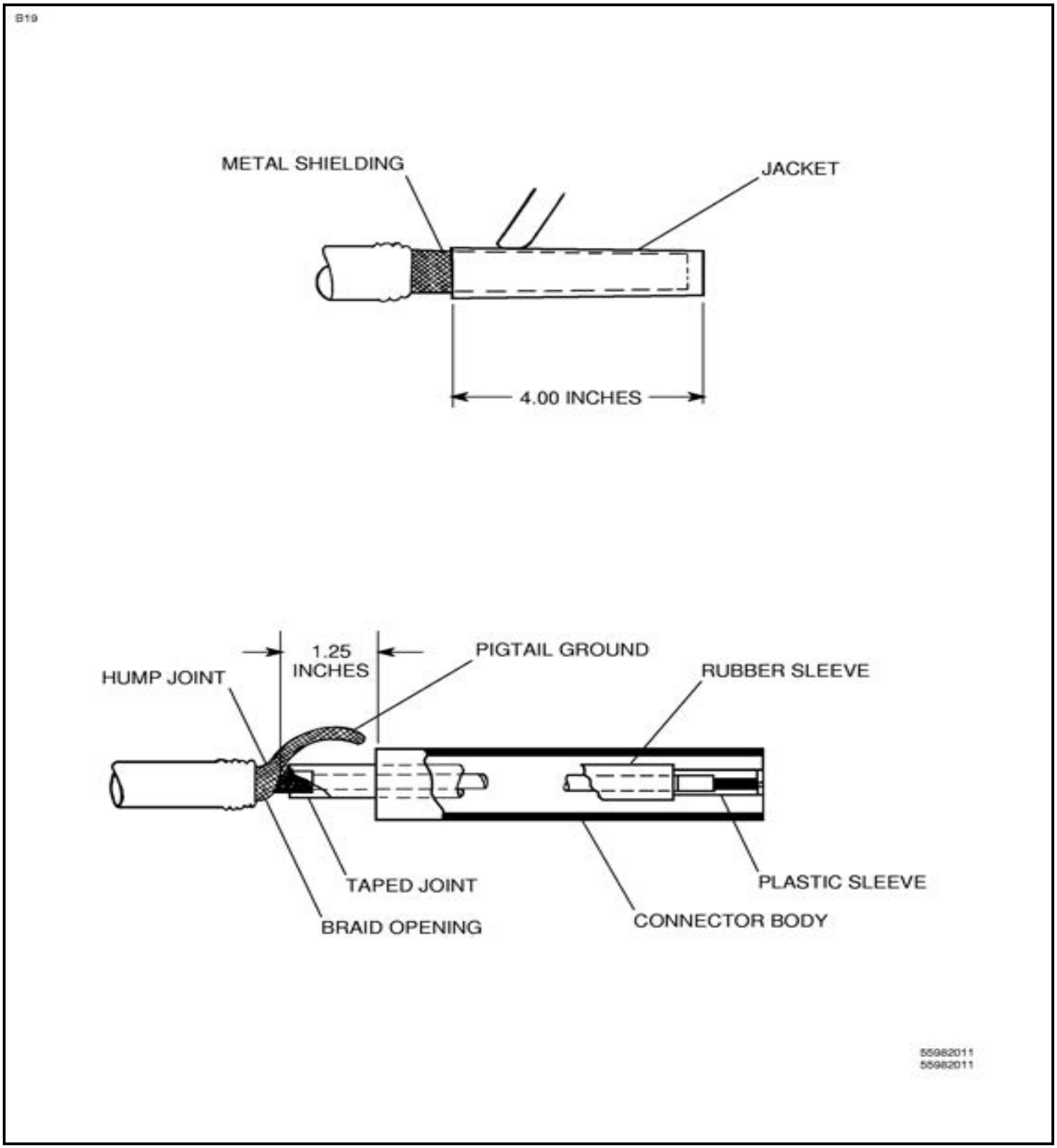
Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 205 : Sheet 1 : Multiple Shield Terminations Using Method II



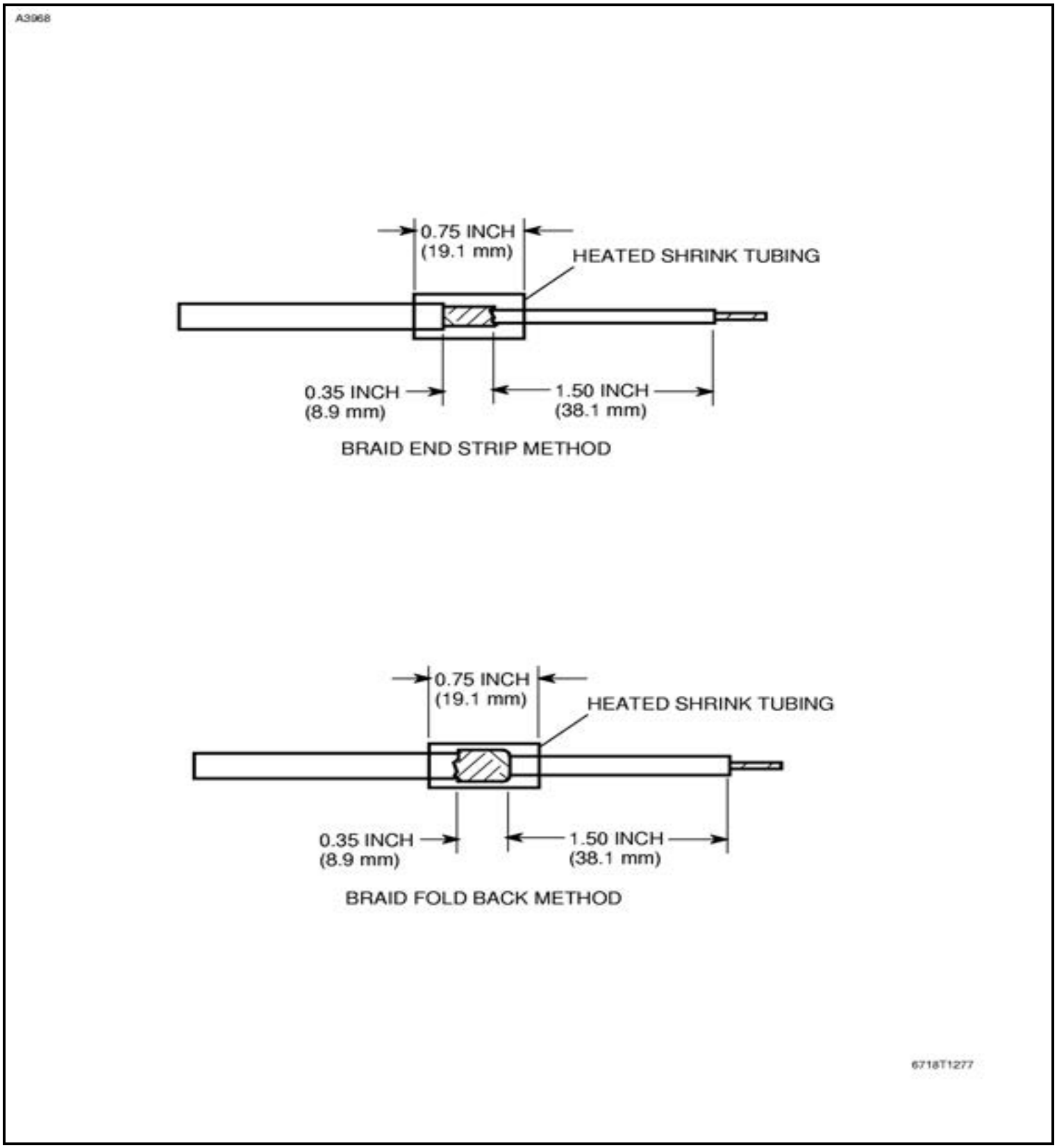
Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 206 : Sheet 1 : Shielded Cable Ground Installation



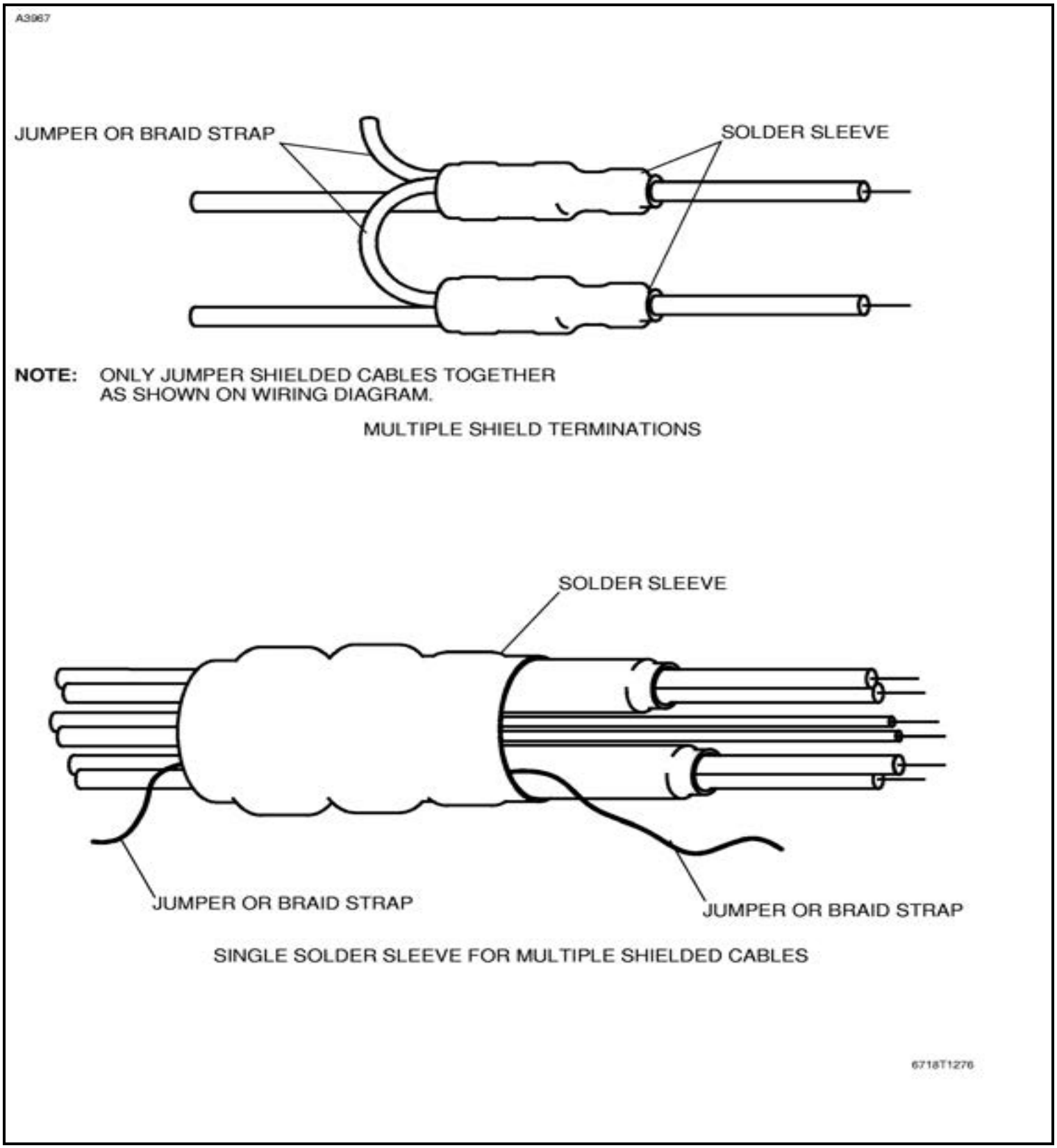
Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 207 : Sheet 1 : Dead End Shield Terminations



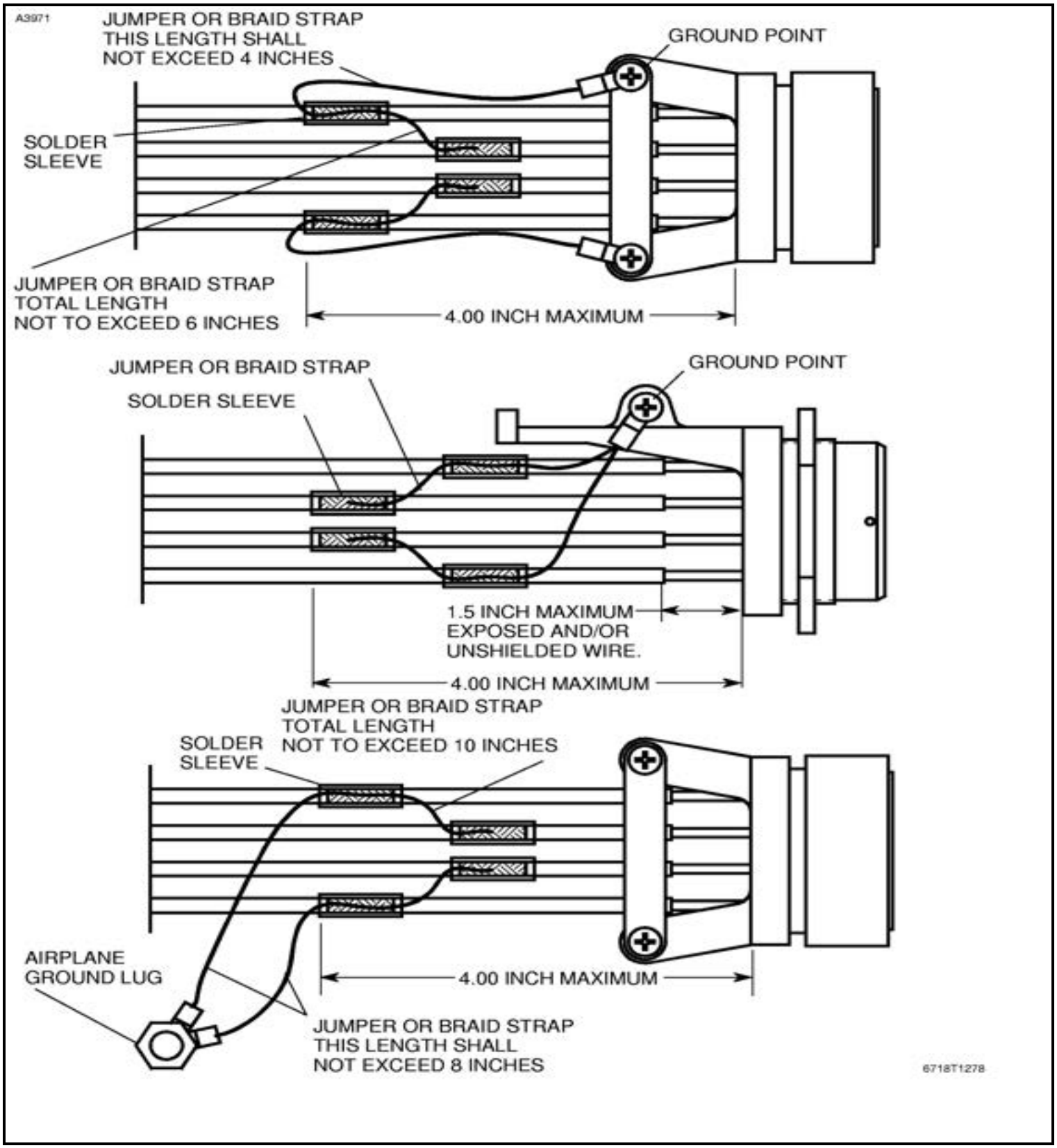
Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 208 : Sheet 1 : Shielded Cable Terminations



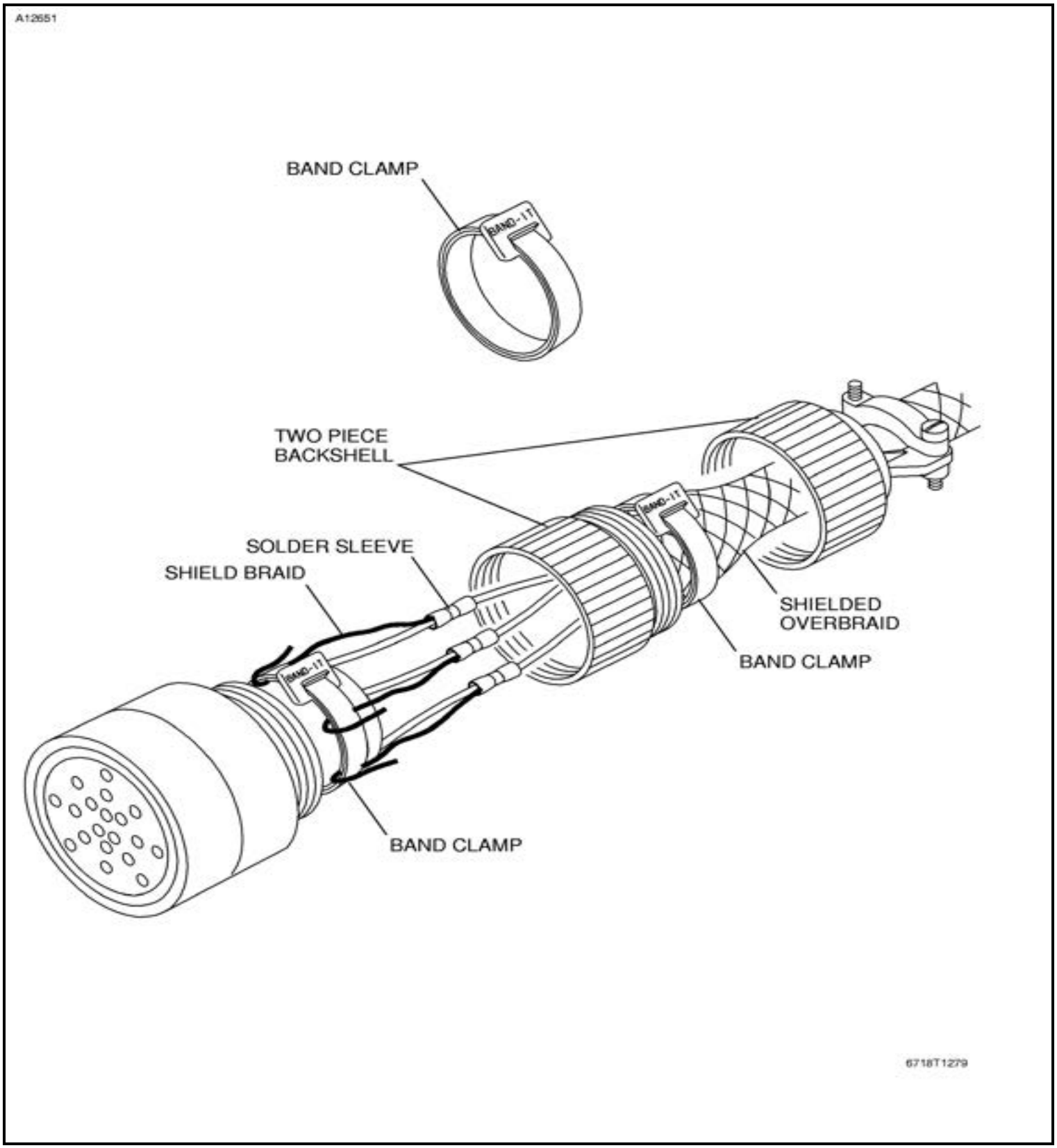
Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 209 : Sheet 1 : Shield Terminations at Connector Backshells



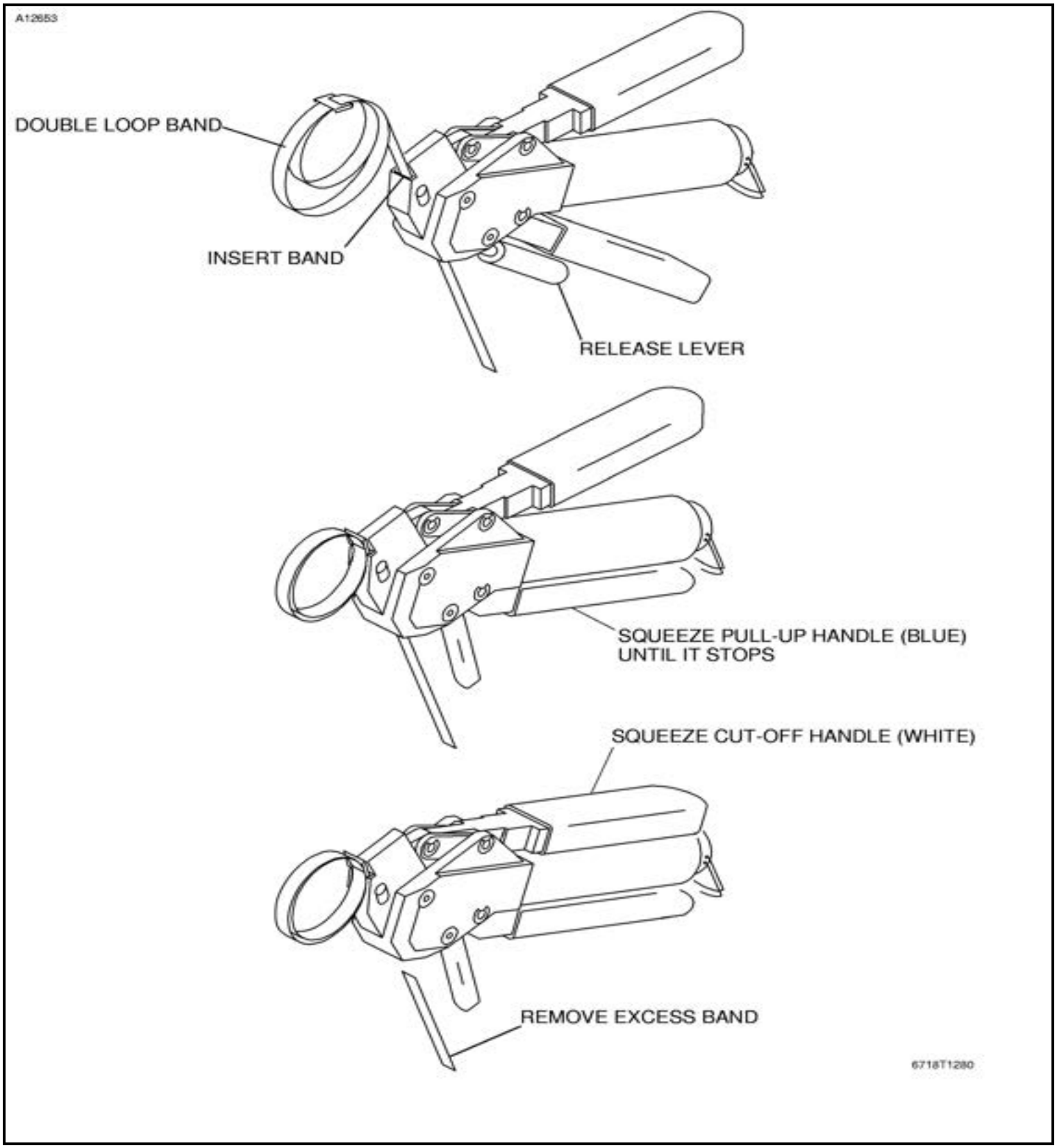
Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 210 : Sheet 1 : Band Clamp Installation



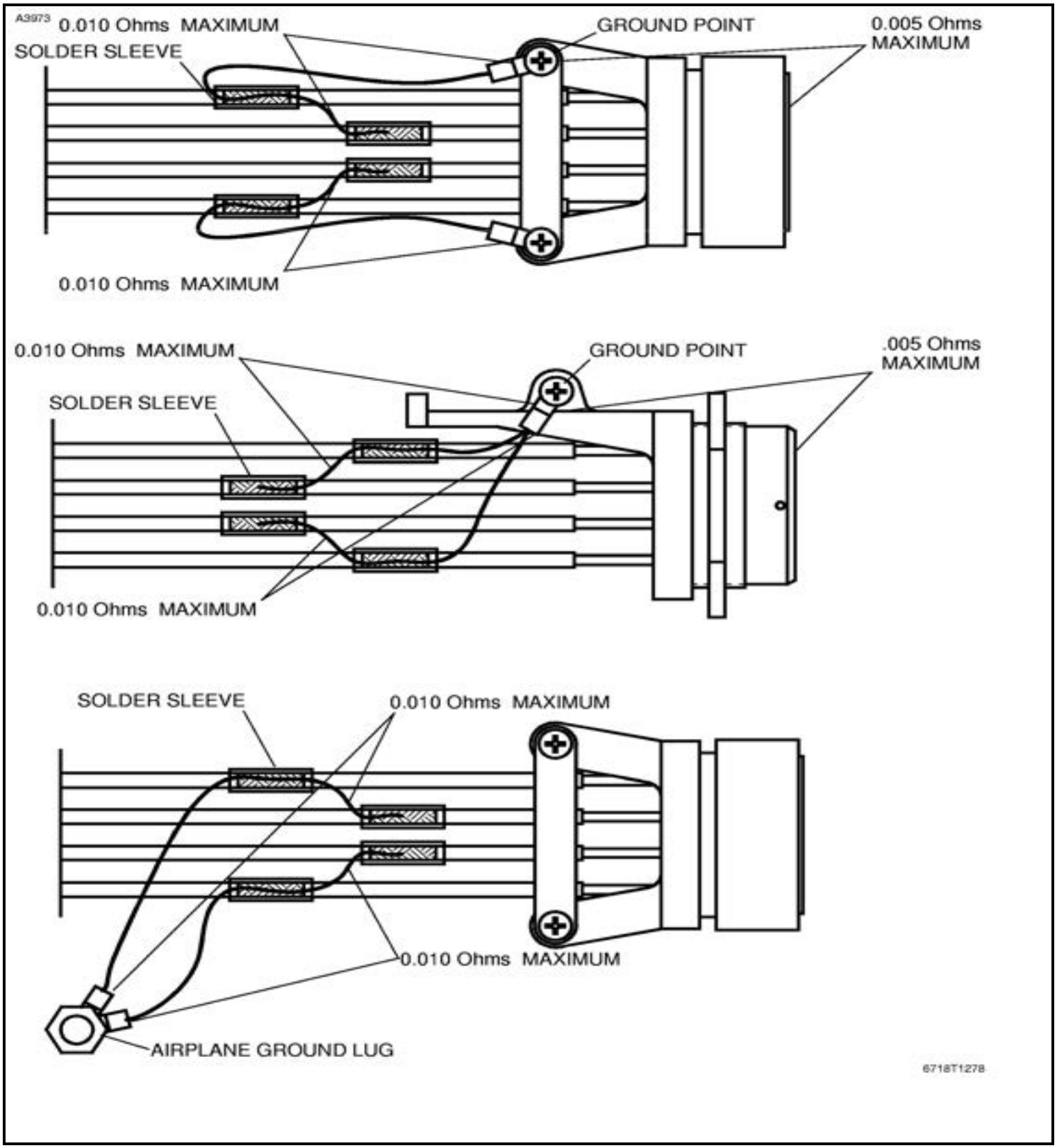
Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 210 : Sheet 2 : Band Clamp Installation



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 211 : Sheet 1 : Resistance Values for Shield Terminations



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

SOLDERING - MAINTENANCE PRACTICES

1. General

A. This section describes procedures for making solder joints with a filler metal having a flow temperature below 800° F. (Refer to Figures 201, 202, 203, 204, 205, 206, and 207)

B. Electrical wiring and connections should be soldered with a tin-lead solder using a noncorrosive flux.

2. Tools and Equipment

A. Solder.

CLASS AWS ASTM	COMPOSITION PERCENT BY WEIGHT		TEMPERATURE		USAGE	FLUX AND FLUX SOLVENT
			SOLIDUS °F	LIQUIDUS °F		
SN 60 QQ-S-571E	Tin 60	Lead 40	361	374	General purpose for connection (applications below 250°F)	Flux: Use Rosin Core Solder QQ-S-571E WRMAP2 Flux Solvent: Aliphatic Naphtha (TT-N-95) or Trichloroethylene (ASTM D4080)
SN 63 (QQ-S-571E) (WRMAP2)	Tin 63	Lead 37	360	360	Special purpose electrical wiring and printed circuits where temperature limitations are critical.	Flux: Use Rosin Core Solder QQ-S-571E WRMAP2 Flux Solvent: Aliphatic Naphtha (TT-N-95) or Trichloroethylene (ASTM D4080)
AG 1.5	Tin 1.0 Silver 1.5	Lead 97.5	588	588	This solder has good joining properties to 350°F. Use electrical connectors and low temperature thermocouples to 350°F copper, brass and steel.	Flux: Type RA and AC Zinc-Chloride Base QQ-S-571E Flux Solvent: Water and Organic Solvent
AG 5.5	Lead 94.5	Silver 5.5	579	689	Good joining properties to 350°F copper, brass and steel.	Flux: Zinc-Chloride Base of Type RA and AC (QQ-S-571E) Flux Solvent: Water and Organic Solvents

ABBREVIATION:
ASTM - American Society for Testing and Materials
AWS - American Welding Society
QQ - Federal Specification
QPL - Qualified Products List
Kester Solder Division
Litton Systems, Incorporated
4201 Wrightwood Avenue
Chicago, IL 60639

B. Solvents used for the removal of grease, oil, and other dirt from the parts prior to soldering, as well as flux residues from the joint area after soldering.

(1) Non-flammable.

(a) Tetrachloroethylene (perchloroethylene) electronic grade.

(b) Trichloroethylene electronic grade.

WARNING: TETRACHLOROETHYLENE AND TRICHLOROETHYLENE ARE TOXIC. DO NOT BREATHE VAPORS. USE IN WELL VENTILATED AREA FREE FROM SPARKS, FLAME OR HOT SURFACES. WEAR SPLASH GOGGLES, SOLVENT RESISTANT GLOVES AND OTHER PROTECTIVE GEAR. IN CASE OF EYE CONTACT, FLUSH WITH WATER AND SEEK MEDICAL ATTENTION. IN CASE OF SKIN CONTACT, WASH WITH SOAP AND WATER.

(2) Flammable.

(a) Ethyl alcohol, grade 1, class A.

(b) Isopropyl alcohol, 99 percent pure.

WARNING: ISOPROPYL ALCOHOL IS TOXIC AND FLAMMABLE. DO NOT BREATHE VAPORS. USE IN WELL VENTILATED AREA FREE FROM SPARKS, FLAME OR HOT SURFACES. WEAR SPLASH GOGGLES, SOLVENT RESISTANT GLOVES, AND OTHER PROTECTIVE GEAR. IN CASE OF EYE CONTACT, FLUSH WITH WATER AND SEEK MEDICAL ATTENTION. IN CASE OF SKIN CONTACT, WASH WITH SOAP AND WATER.

3. Soldering

A. Strip sufficient insulation from the wire or component leads so that no insulation will touch the solder connection. Insulation clearance is the gap between the insulation and the edge of the terminal or solder cup. Refer to Figure 207. Refer to Table 201 for insulation clearance.

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Table 201. Insulation Clearance

WIRE SIZE (AWG)	CLEARANCE	
AMERICAN WIRE GAUGE	MINIMUM	MAXIMUM
Smaller than 20	Visible Clearance	0.06
20 thru 10	0.03	2 Times Diameter of Insulation
8 thru 2	0.03	0.375
1 and Larger	0.03	0.5

B. Surfaces to be joined by soldering must be free of dust, oil and oxides. Clean surfaces with solvent or wire brush, do not use steel wool.

C. Pretin wires and leads before joining by soldering. Part leads or terminals pretinned by the manufacturer do not require tinning unless corrosion has occurred during storage. Corrosion must be removed and the part pretinned before soldering.

D. When required, shrink tubing or other insulating sleeving should be installed on wires prior to attachment to terminal. Refer to Figure 205.

E. Hold the parts to be soldered together in a position to assure proper fit during the soldering operation.

(1) Wires and component leads should be wrapped around a turret terminal or solder hook, or held, in a manner that will prevent the wire from moving while the solder is cooling. Movement of the wire during cooling will result in a cold solder joint.

(2) The wrap of a conductor around a turret terminal should not be less than 90 degrees or more than 270 degrees. Refer to Figure 201

F. The soldering iron tip should be clean, smooth and brightly tinned. A cellulose sponge moistened with water provides a good pad for cleaning the tip.

(1) The soldering iron should be a size that will heat the joint rapidly, but will not damage adjacent areas.

(2) The soldering iron tip should be grounded when soldering voltage sensitive components.

CAUTION: THERMAL SHUNTS (HEAT SINKS) SHOULD BE USED TO PREVENT EXCESS HEAT FLOW TO ADJACENT PRESOLDERED JOINTS OR HEAT SENSITIVE PARTS.

G. Apply the soldering iron tip to the connection in such a manner that soldering temperature will be reached in the minimum time. Refer to Figure 203 and Figure 207 for examples of acceptable and unacceptable solder joints.

(1) Solder should be applied to the joint when the temperature of the joint will readily melt the solder.

(2) Solder should not be applied at the junction of the soldering iron tip and the parts to be joined, nor shall solder be melted on the soldering iron tip and allowed to flow over the parts to be joined.

(3) Apply sufficient solder to cover the conductor.

(a) A concave fillet should be formed between the center of the conductor and the terminal.

(b) The contour of the terminal and the conductor should not be completely obscured by solder. When the conductor is completely covered by solder, or when a solder spike or other excessive amount piles upon the terminal that could touch some adjacent component, the excessive solder must be removed.

(c) Wicking of solder in stranded wires should not extend to the insulation.

(4) Cold solder joints require reheating and reflowing of the solder.

(5) Rosin-base flux residue need not be removed, when required to be removed use appropriate solvent.

(6) After the connection has cooled, residue of nonrosin base flux should be completely removed to prevent corrosion.

H. Thermal shunting should be used on all solder connections where heat flow to adjacent presoldered joints or heat sensitive components could occur. If in doubt, use a heat sink. Refer to Figure 206.

(1) Thermal shunts (heat sinks) shall preferably be made of copper for good heat conductivity. They should be large enough to give adequate thermal protection, while causing as little interference to soldering as possible.

(2) Attach the thermal shunt (heat sink) as close as possible to the joint to be soldered.

(3) Several smaller thermal shunts (heat sinks) may be used in place of a large unit and often serve a double purpose of eliminating movement of wire leads preventing cold solder joints.

I. Pretinning of wires before soldering.

(1) All portions of stranded wires which come in contact with the area to be soldered can be tinned by dipping the fluxed wire in a solder pot or by use of a soldering iron.

(2) The tinning shall extend only far enough onto the wire to take full advantage of the area coming in contact with the connector or solder joint.

(3) A thin coating of solder shall be applied to all portions of the conductor wire coming in contact with the solder joint area. The solder shall penetrate to the inner strands of stranded conductors. To permit inspection for nicks or cuts at the point of insulation termination, solder and wicking shall not conceal the individual outer wire strands. A thermal shunt may be used to prevent this occurrence.

(4) The distance between the end of the wire insulation and the beginning of the tinned portion shall be no less than 1/2 the outside diameter of wire insulation.

(5) Part leads or terminals that are pretinned by the part manufacturer will not require further tinning unless corrosion has occurred during storage. Corrosion products shall be removed by pretinning of the lead or terminal.

(6) Parts which are dip-tinned shall be held in the solder container (Pot) until a bright, continuous, tightly adhering coat of solder is formed. The solder pot shall operate at a temperature 20°F to 50°F above the liquidus of the solder alloy used. The molten solder shall be of such volume that the temperature will not be reduced more than 10°F when parts are dipped.

J. When soldering components on printed circuit boards, the old component must be removed and the solder cleaned from the holes before installing the new component.

(1) When lead wires must be bent to install a component, the minimum distance to the start of the bend is two lead wire diameters, but not less than

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

0.030 inch. Refer to Figure 202.

(2) Components with the value stamped on one side, the leads should be bent so the value will be visible when installed; if practical.

(3) Component leads on opposite side of printed circuit board may be clinched or extend straight through approximately 0.03 of an inch. Refer to Figure 203.

(4) Horizontally mounted ceramic components shall touch the board at least at one point. Maximum clearance of ceramic components is 0.015 inch. Glass components shall not rattle against the board during vibration and shall not touch the board. Maximum clearance of 0.03 inch between glass components and board shall be observed. Refer to Figure 202.

(5) For clearance requirements on circuit boards with plated-thru-holes refer to Figure 204.

(6) Protect adjacent areas with thermal shunts. Refer to Figure 206 for typical thermal shunts.

(7) Solder with low melting point solder.

(8) Solder joints shall be free of cracks, fractures and projections. Porosity, voids, and foreign materials in the solder joint shall not exceed 25% of the total area between the lead and the wall of the plated-thru-hole. Solder wetting of the component lead and of the hole wall to the pad must be evident.

K. Soldering of sleeved or insulated terminals shall be accomplished in the following manner.

(1) Insulation tubing shall be installed over wires, leads and harnesses prior to their attachment to terminals of relays, connectors, and similar items which are not protected by insulating grommets or potting.

(2) Insulation tubing shall be pushed back far enough from the terminal so as not to interfere with the securing and soldering operations.

(3) Insulation tubing shall be slipped back, after the solder has solidified and cooled and the joint is cleaned, over the wires and terminals and, where applicable, heat shrunk.

(4) After installation, the tubing shall extend above the stripped portion of the attached conductor; a distance equal to or greater than the tubing diameter.

L. Soldering of solder cup terminals shall be accomplished in the following manner. Refer to Figure 207 for examples of acceptable and unacceptable solder joints.

(1) The solder cup shall contain a sufficient amount of precut solder to completely fill the cup when solder is melted and the tinned wire inserted into the bottom of the cup.

(2) Sufficient heat shall be applied after the cup is filled with solder to assure that the flux has boiled up and out of the bottom of the cup. It is desired that continuous soldering iron contact be maintained throughout the soldering operation.

(3) The tinned wire or lead shall not be bent or formed for solder cup termination.

(4) All conductors terminating in a solder cup shall bottom in the cup.

(5) Insulating clearance shall be maintained, clearance shall be referenced from the point of entry into the cup.

(6) The solder shall follow the contour of the cup entry slot and shall not spill over or adhere to the sides of the cup. Connection may be made with either a resistance or conduction type soldering iron. When a conducting type soldering iron is used, the slight tinned effect occurring at the point where the tip contacts the base of the cup is normal and is acceptable provided there are no peaks, globules, or excessive buildup of solder.

(7) Excess solder in the form of buildup or overflow on a hollow terminal must not be in excess as to cause a short circuit between pins of other conductors and excess solder cannot interfere with the mechanical function of the terminals.

4. Component Removal (Solder Removal Technique)

WARNING: XYLENE IS TOXIC. DO NOT BREATHE VAPORS. USE IN WELL VENTILATED AREA FREE FROM SPARKS, FLAME OR HOT SURFACES. WEAR SPLASH GOGGLES, SOLVENT RESISTANT GLOVES AND OTHER PROTECTIVE GEAR. IN CASE OF EYE CONTACT, FLUSH WITH WATER AND SEEK MEDICAL ATTENTION. IN CASE OF SKIN CONTACT, WASH WITH SOAP AND WATER.

A. Printed circuit board assemblies are coated with an approved silicone resin coating. Before removing a component, carefully soften this coating with xylene or equivalent solvent. Remove resin from component and solder joint with a cleaning pad.

B. Identify component by reference designation and note its polarity and pin orientation before removing it from board.

NOTE: Time between removal of old component, cleaning and soldering of new component must be kept to a minimum to prevent the formation of metallic oxides on surfaces to be soldered.

C. Two methods for component solder removal are provided. Select a method based on equipment availability.

(1) Solder Extraction with Continuous Vacuum.

(a) Select solder extraction tool and tip on the following criteria:

1 Extraction Tool: Furnish adequate heat to melt solder.

2 Tip I.D.: Minimum inside diameter that will fit over lead or pin while allowing sufficient clearance around the lead to permit solder and air to pass through it.

3 Tip O.D.: Maximum outside diameter should not cover the pad completely nor touch the circuit board base material.

(b) Set tip temperature so as to melt solder in two to three seconds.

(c) Lightly place solder tip over lead and onto solder connection perpendicular to board or terminal.

(d) Once solder begins to melt, use the tip to move the lead until it swings freely, indicating full solder melt.

(e) Continuing to move the lead, start vacuum to remove solder and cool the solder joint. Apply vacuum for one to two seconds.

(f) Remove the tip then turn off vacuum.

(2) Solder Removal with Solder Wick.

(a) If component has exposed leads, cut leads and discard damaged components and leads.

(b) Place a soldering iron equipped with the appropriate tip where lead end passes through board.

(c) Heat the solder carefully.

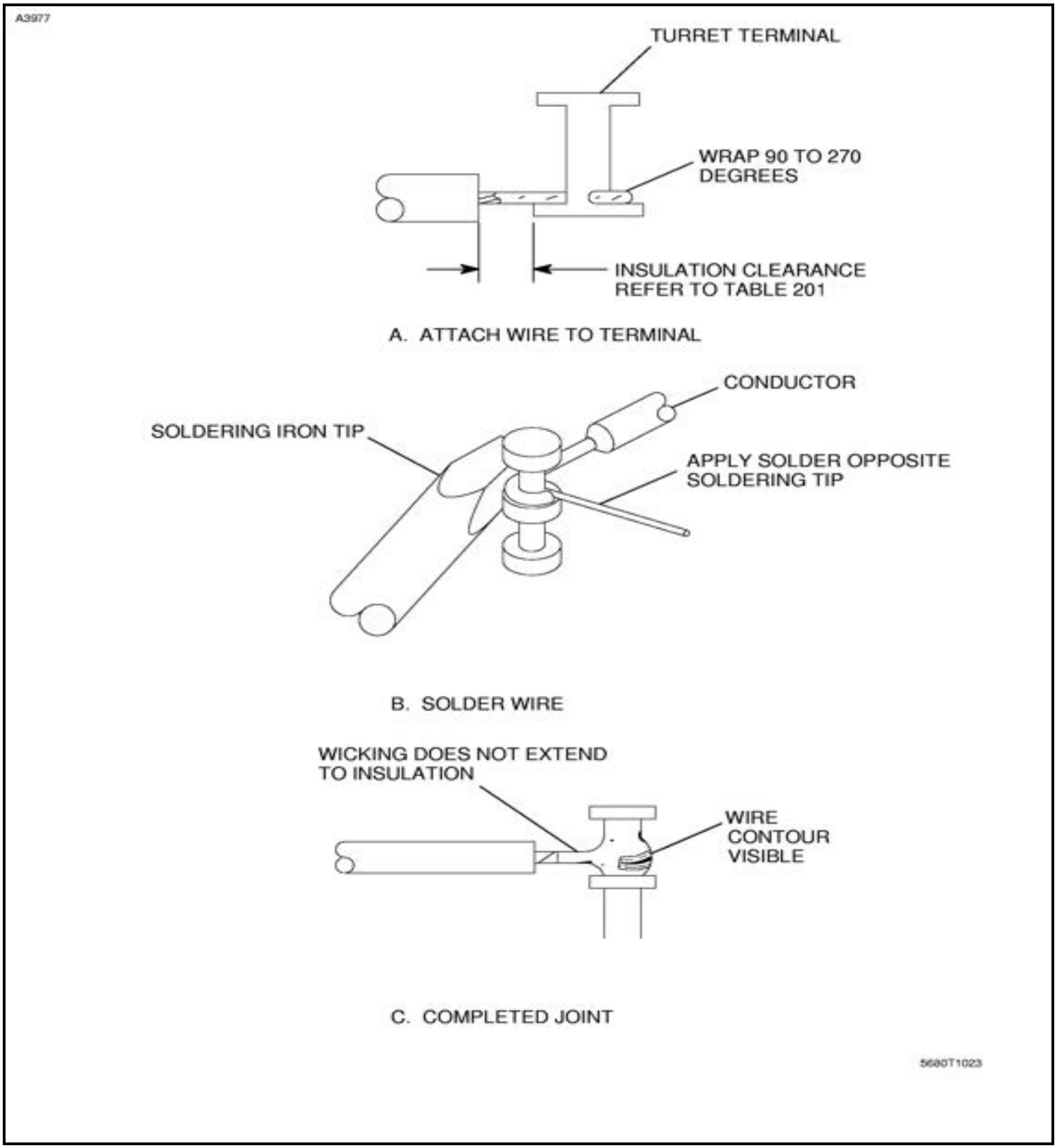
Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

(d) Once solder has softened, extract lead end from board from the side opposite component.
(e) Place solder wick over location of extracted component lead and heat solder wick with soldering iron.
(f) Wick remaining solder from lead connection hole in board.
(g) Repeat this procedure for both sides of lead connection hole.

D. Wire Lead Solder Removal.
(1) Using a soldering iron equipped with the appropriate tip, carefully heat the lead to be removed until the solder melts.
(2) Carefully remove the lead wire so as to alter the shape of the connecting bend as little as possible.
(3) Place solder wick over location of extracted wire lead. Heat solder wick with soldering iron to remove remaining solder from wire lead.

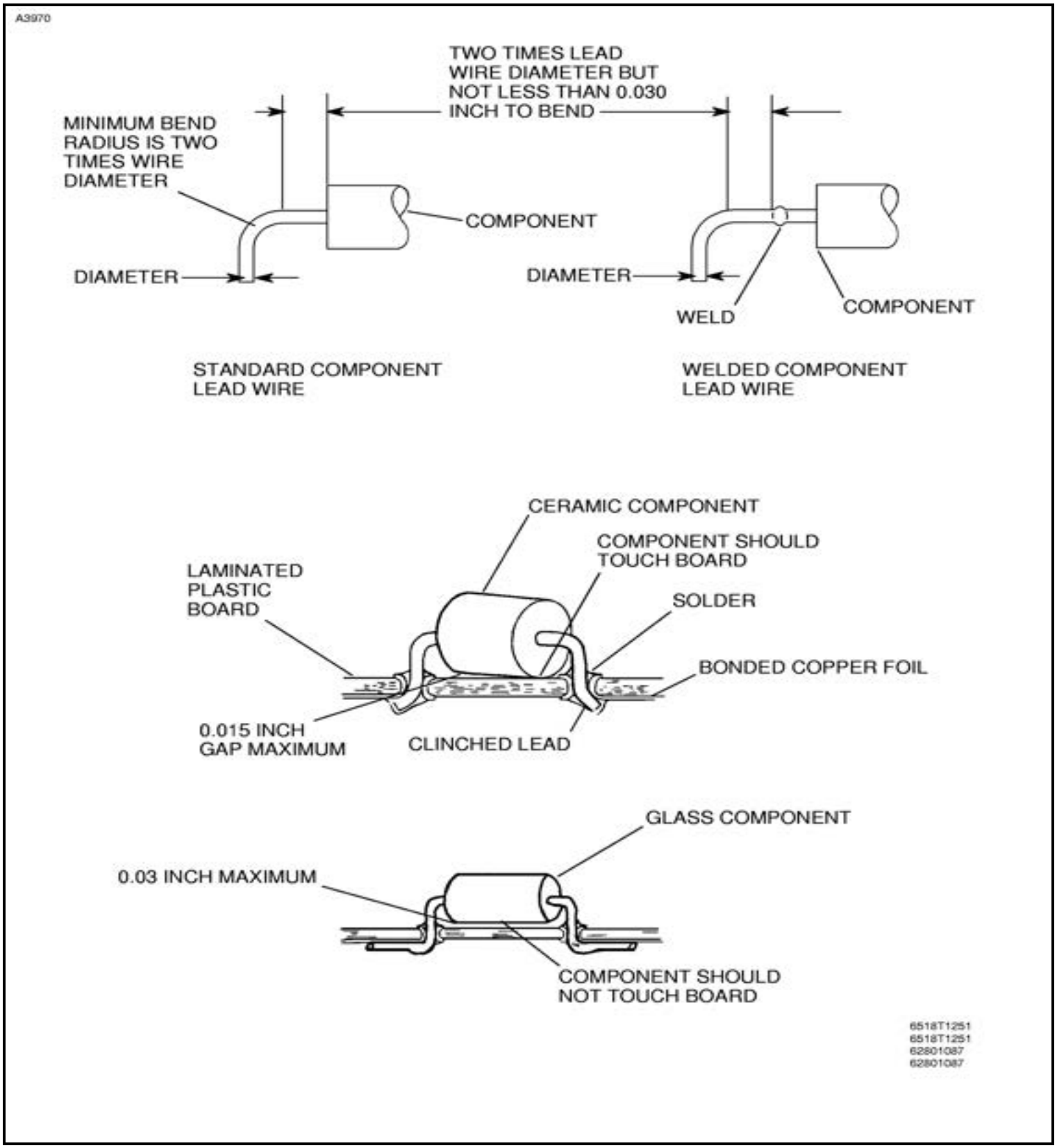
Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 201 : Sheet 1 : Soldering Turret Terminals



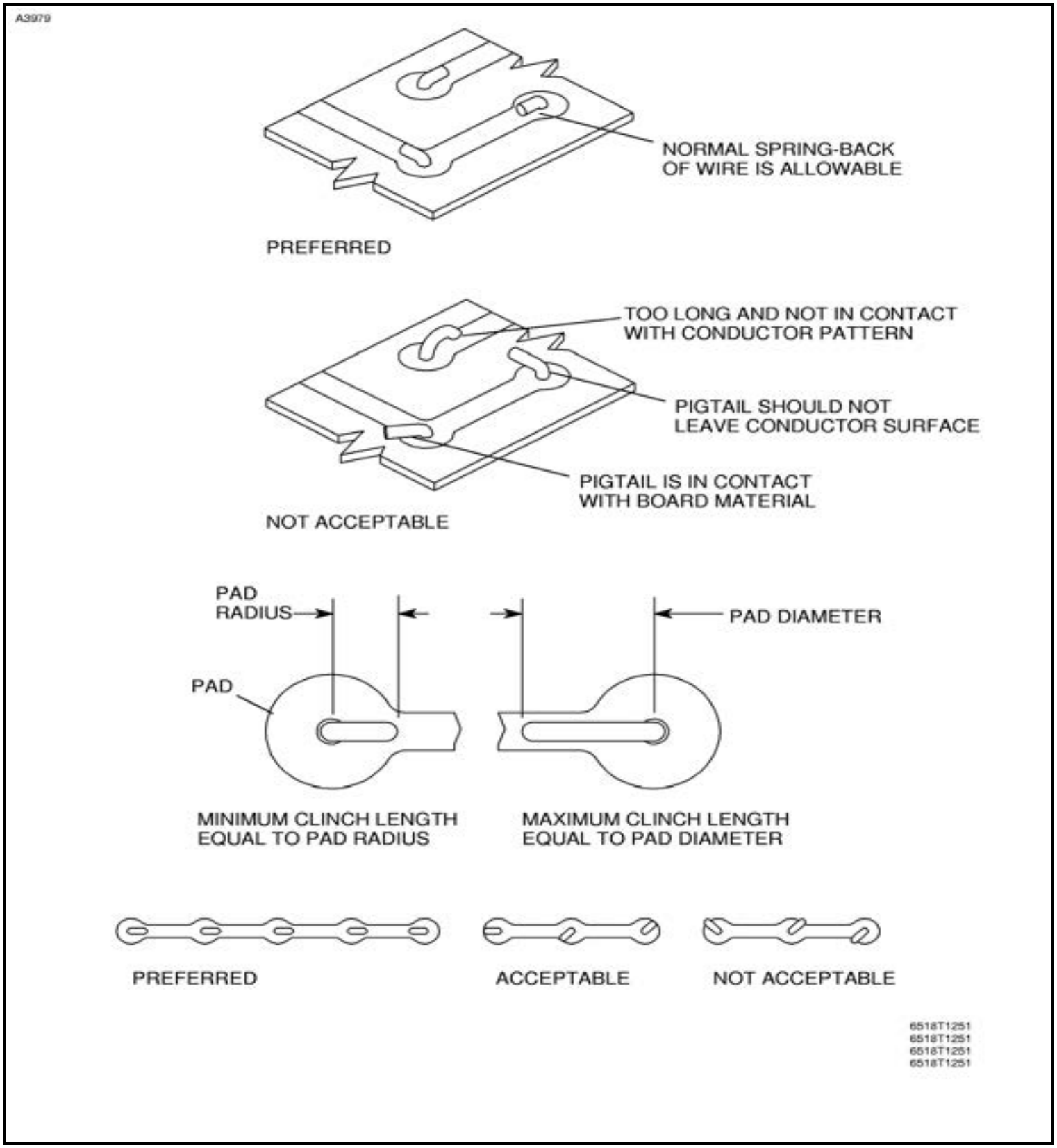
Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 202 : Sheet 1 : Installing Components on Printed Circuit Boards



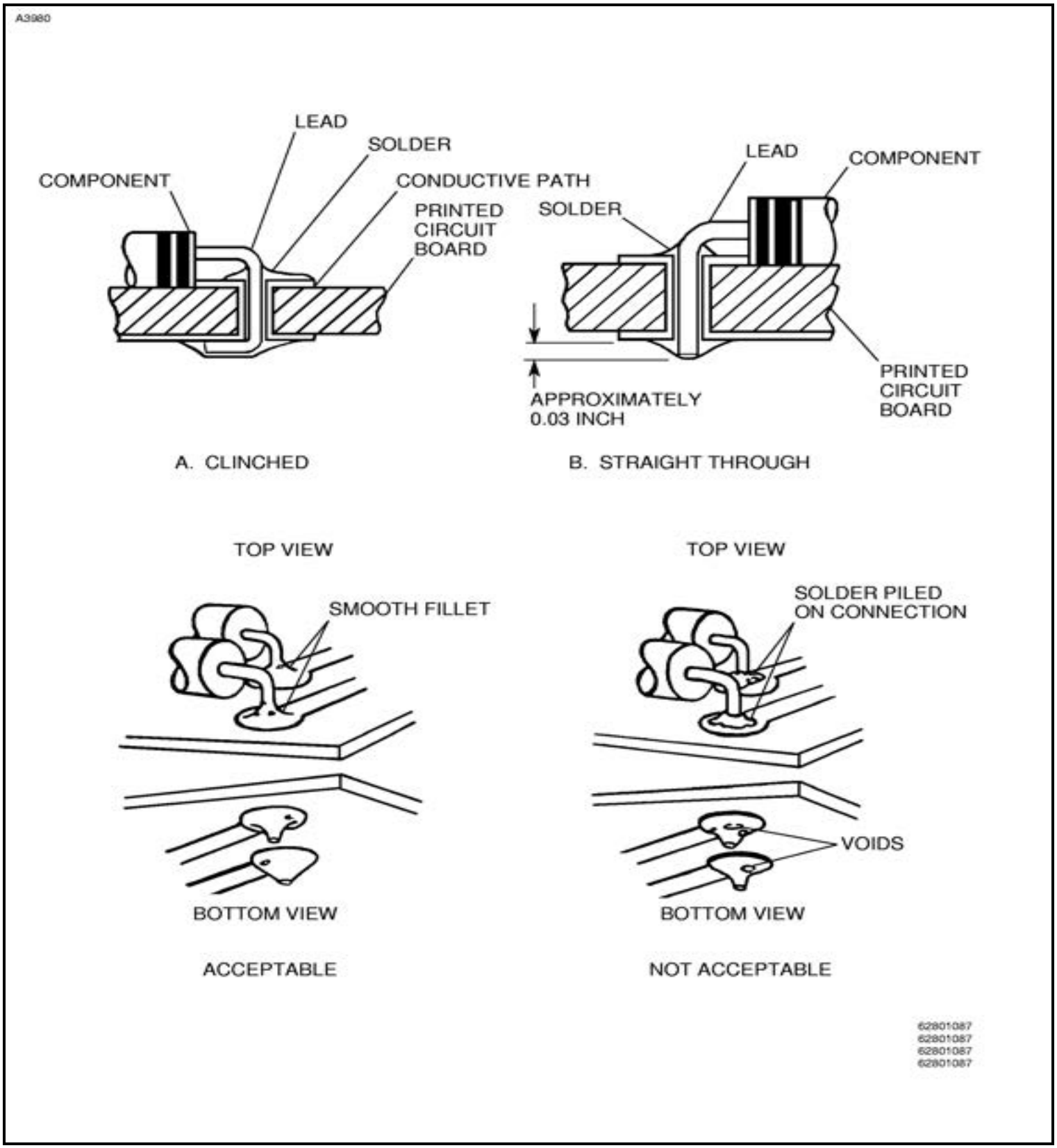
Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 202 : Sheet 2 : Installing Components on Printed Circuit Boards



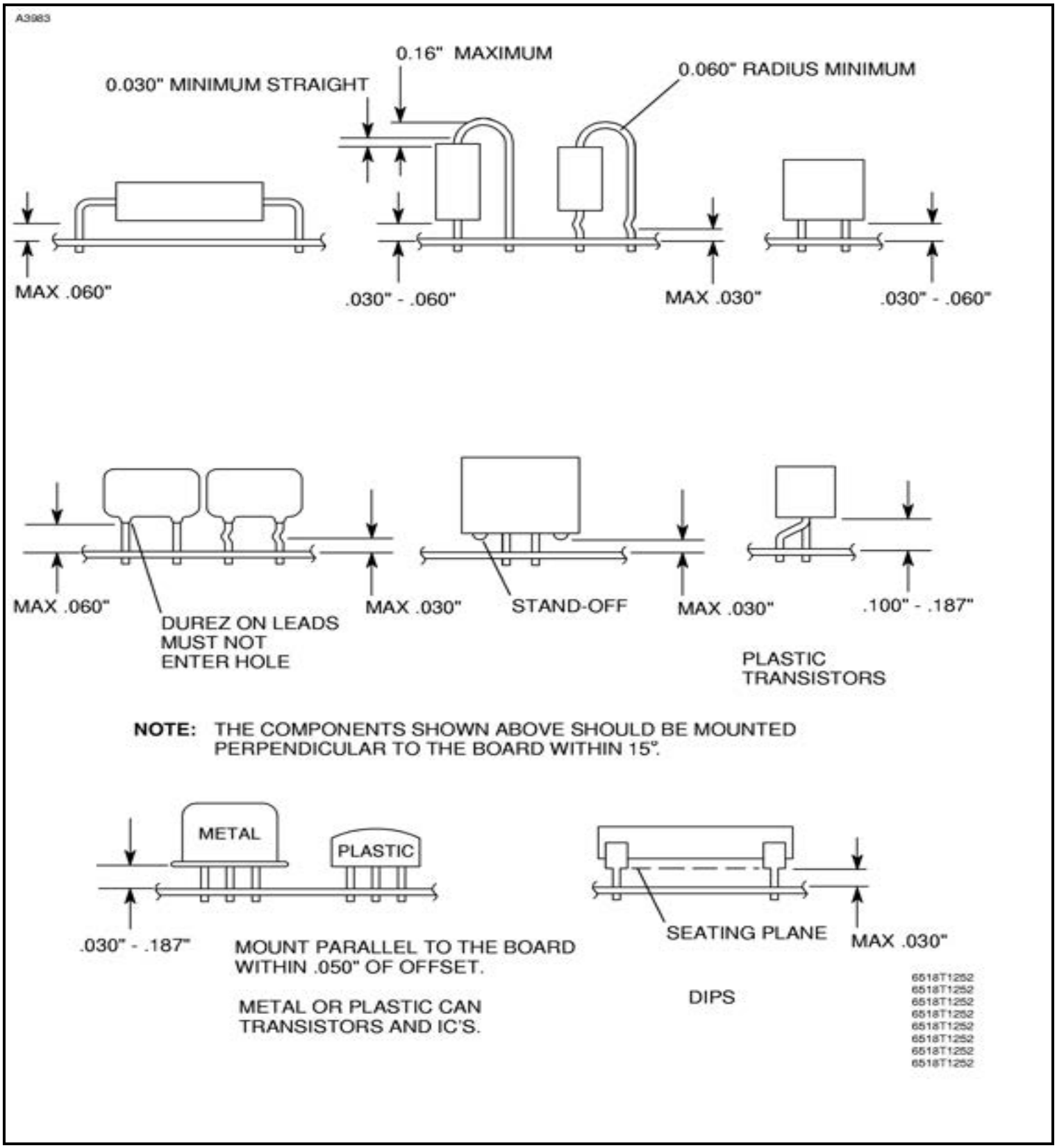
Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 203 : Sheet 1 : Soldering Printed Circuit Boards



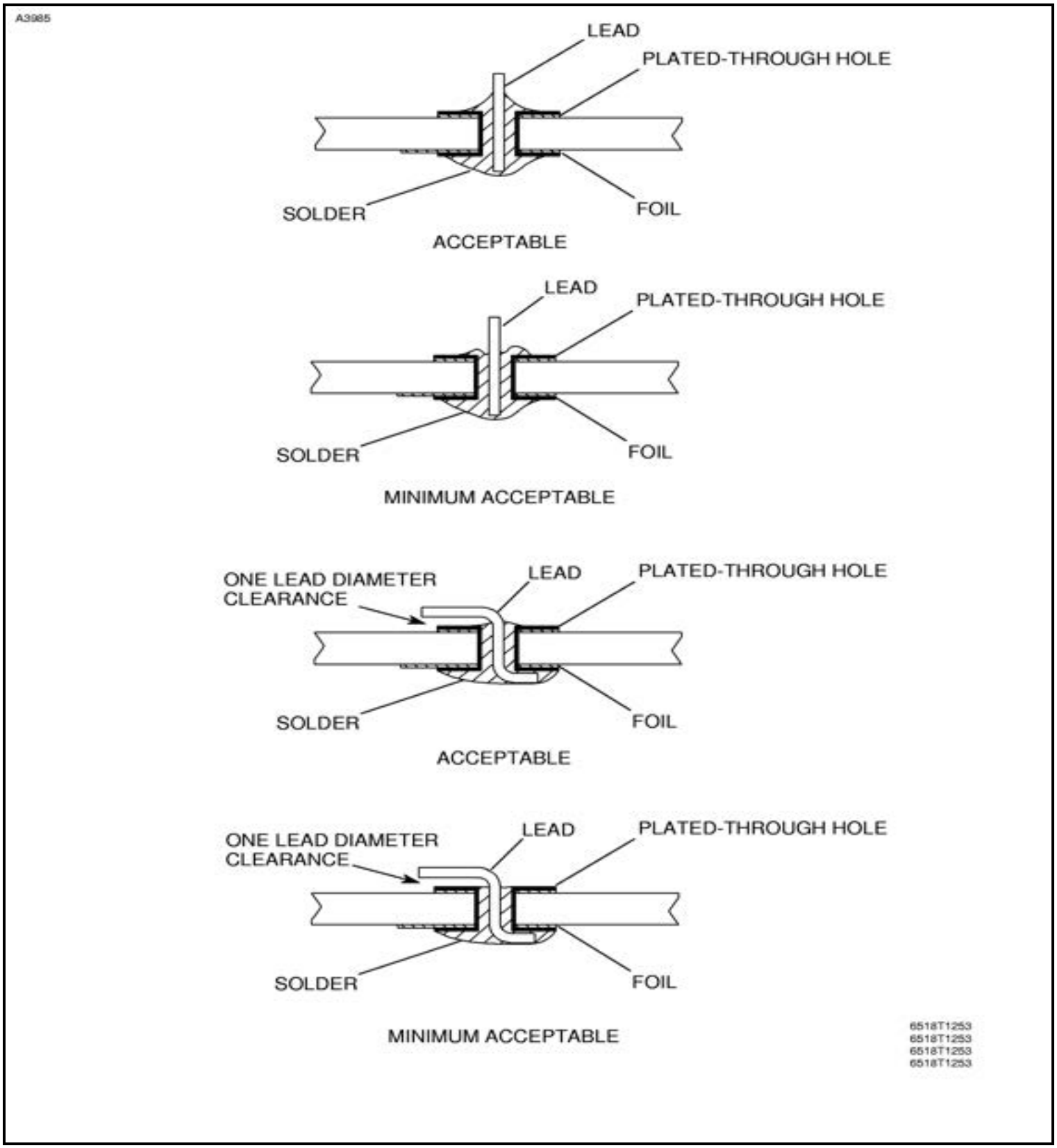
Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 204 : Sheet 1 : Soldering Printed Circuit Boards With Plated-Thru-Holes



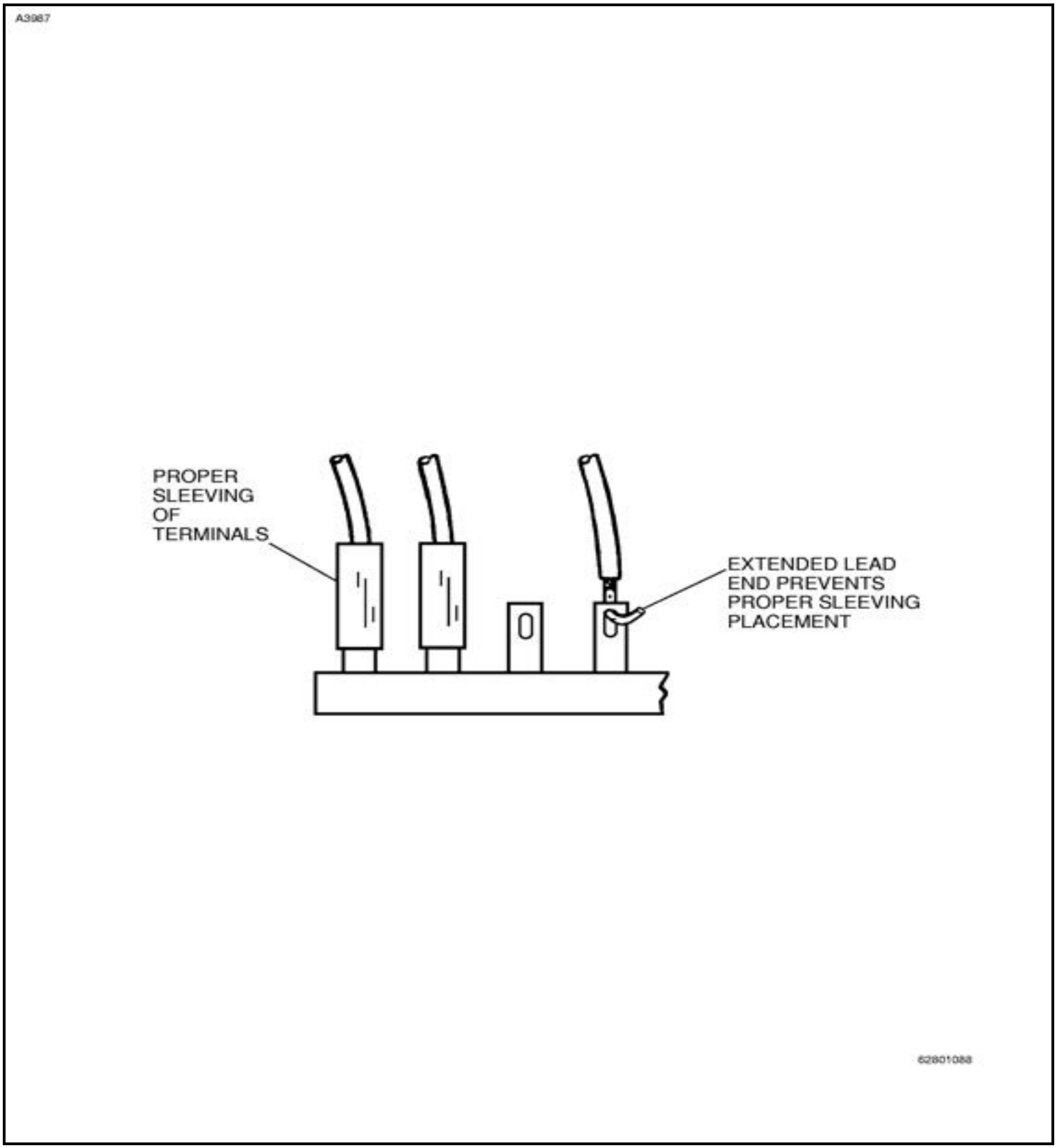
Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 204 : Sheet 2 : Soldering Printed Circuit Boards With Plated-Thru-Holes



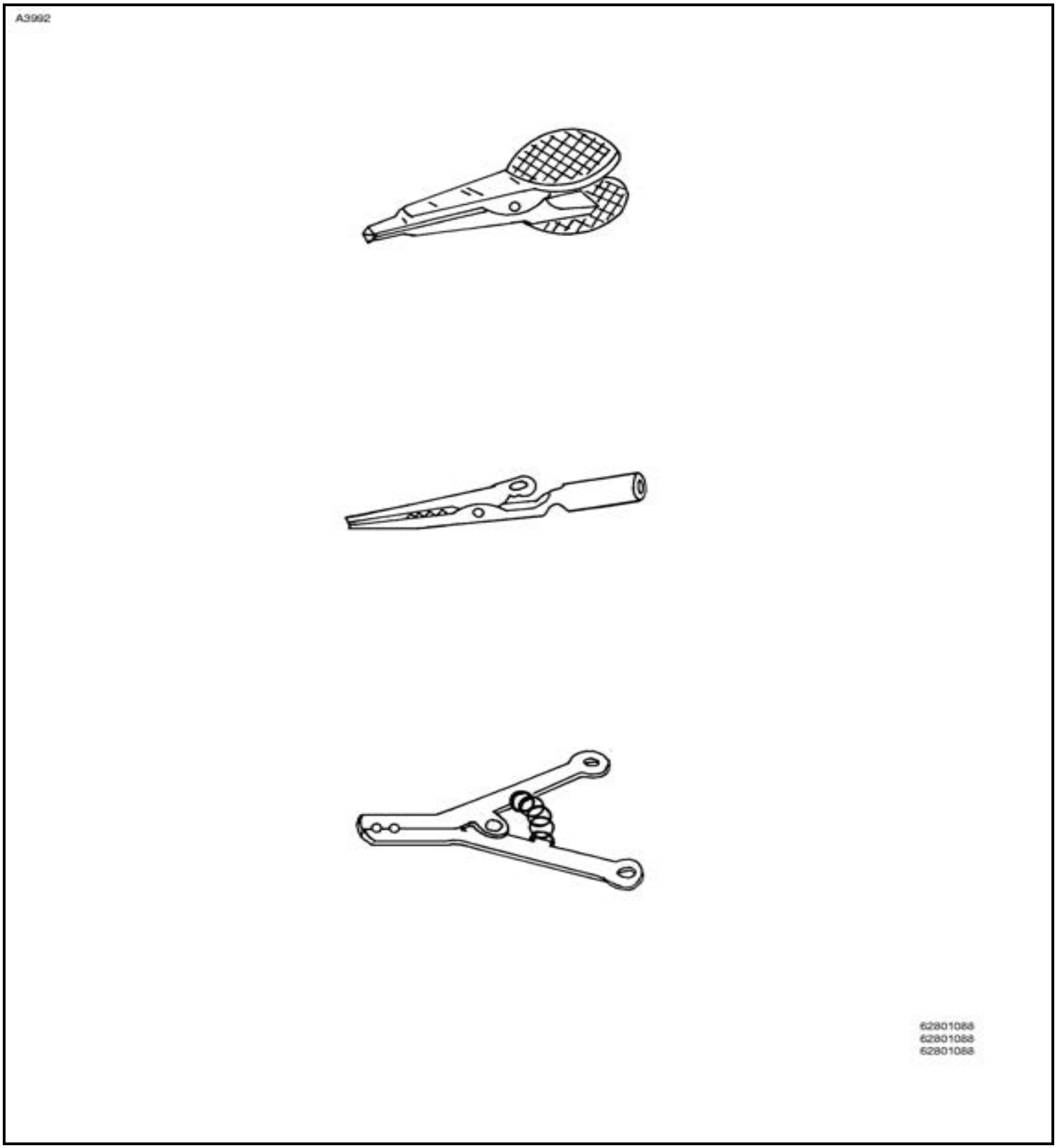
Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 205 : Sheet 1 : Soldering and Sleeving of Insulated Terminals



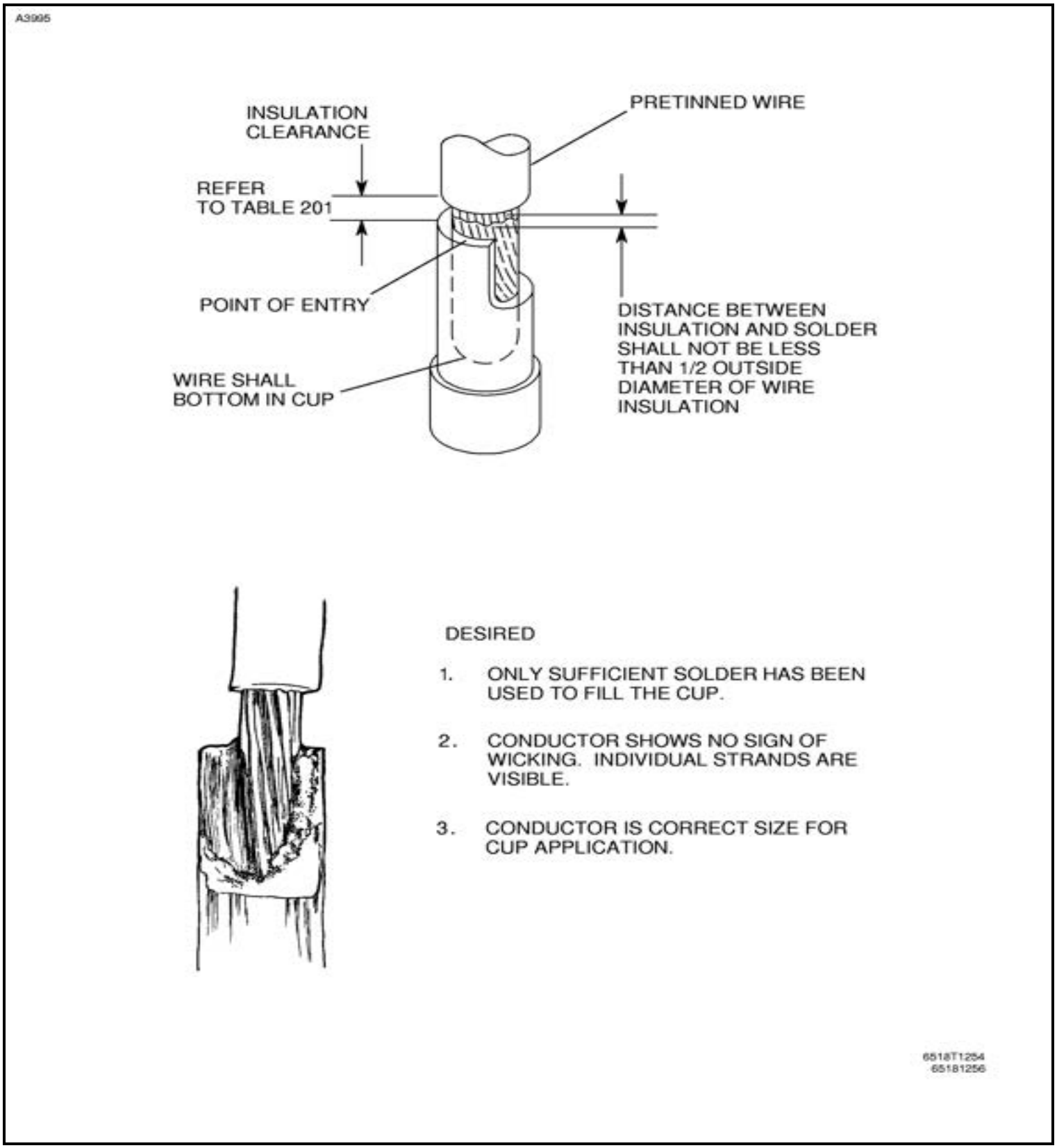
Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 206 : Sheet 1 : Typical Thermal Shunts



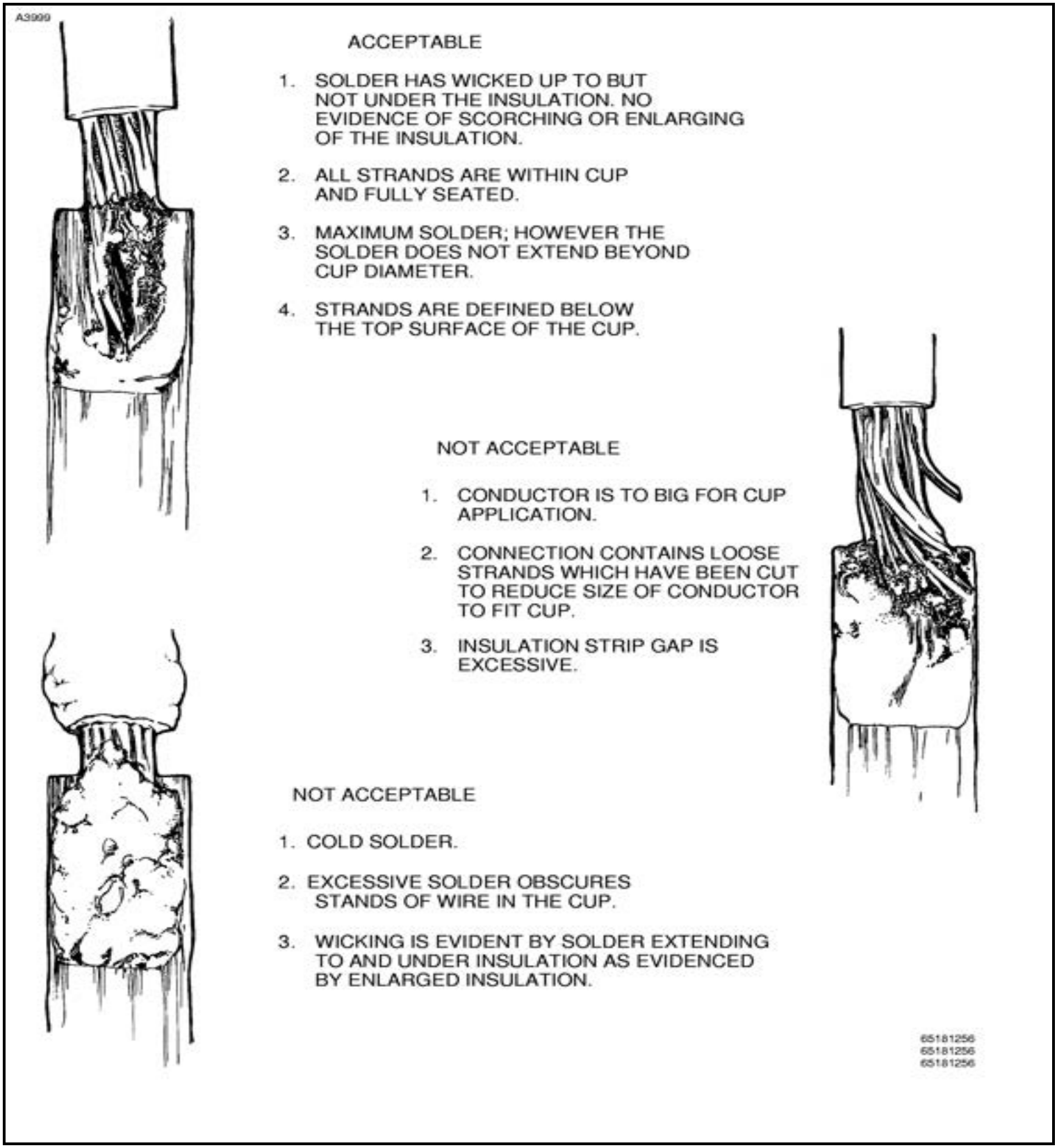
Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 207 : Sheet 1 : Soldering Solder Cup Terminals



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 207 : Sheet 2 : Soldering Solder Cup Terminals



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

ELECTRICAL CONNECTORS - MAINTENANCE PRACTICES

1. General

A. Electrical connectors are used to join airplane wire bundles, electronics wiring and antenna cables. This section provides information about contacts and insertion/extraction tools used with connectors. To locate a connector in this section refer to Table 201. For crimp tool and positioner information used with a contact, refer to Table 202.

B. Electrical connectors may use solder-type or crimp-type contacts.

C. Some typical tools used with crimp-type connectors are shown in Figure 201. Refer to Figure 205 for typical crimping instructions.

Table 201. Connector Information

03-06-XX		V27264	Refer to Figure 206	
			03-06 and 06-06 Series Molex Connectors	
AWG	Pin	Socket	Insertion Tool	Extraction Tool
18-24 (Gold Plate)	02-06-6103	02-06-5103	11-01-0001	11-03-0009
18-24 (Tin)	02-06-2103	02-06-1103	11-02-0001	11-03-0009
1-480349-0, 1-480351-0		V00779	Refer to Figure 207	
			AMP Commercial Mate-N-Lock Series Connectors	
AWG	Pin	Socket	Insertion Tool	Extraction Tool
14-20	60620-1	60619-1	465644-1	465644-1
18-24	60618-1	60617-1	465644-1	465644-1
22-24	61174-1	61173-1	465644-1	465644-1
1-480424-0, 1-480426-0, 1-480278-0, 1-480275-0, 1-480305-0, 1-480318-0		V00779	Refer to Figure 207	
			AMP Commercial Mate-N-Lock Series Connectors	
AWG	Pin	Socket	Insertion Tool	Extraction Tool
14-20 (Gold)	60620-5	60619-5	465644-1	465644-1
18-24 (Brass)	60618-1	60617-1	455830-1	465644-1
18-24 (Bronze)	60618-4	60617-4	455830-1	465644-1
DAMA, DBM, DBMA, DCMA, DDMA, DEMA		V71468	Refer to Figure 210	
			M24308 Series Connectors	
AWG	Pin	Socket	Insertion Tool	Extraction Tool
18-20	330-5291-001	031-1007-001	None Required	CET-20-15
20-24	030-5291-000	031-1007-000	None Required	CET20-11 EXT-20HD
LMD4001X		V49367	Refer to Figure 209	
			LMD4000 Series Connectors	
AWG	Pin	Socket	Insertion Tool	Extraction Tool
22	LMD-4022-36LJ	LMD-4122-96LD	MIL-I-81969/14-02	MIL-I-81969/14-02
M24308/2-X, M24308/4-X			Refer to Figure 210	
			M24308 Series Connectors	
AWG	Pin	Socket	Insertion Tool	Extraction Tool
18-20	330-5291-001	031-1007-001	None Required	CET-20-15
20-24	030-5291-000	031-1007-000	None Required	CET20-11 EXT-20HD
MS27467, MS2747X, MS27484, MS27497			Refer to Figure 211	
			Mil-C-38999 Series 1 and Series 2 Connectors	
AWG	Pin	Socket	Insertion Tool	Extraction Tool
20	M39029/58-363	M39029/57-357	MS27534-20	MS27534-20
22	M39029/58-360	M39029/57-354	MS27534-22D	MS27534-22D
S1637-1, S1637-2			Refer to Figure 207	
			AMP Commercial Mate-N-Lock Series Connectors	

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

AWG	Pin	Socket	Insertion Tool	Extraction Tool
14-20	60620-1	60619-1	465644-1	465644-1
18-24	60618-1	60617-1	465644-1	465644-1
22-24	61174-1	61173-1	465644-1	465644-1

S1638-1

AWG	Pin	Socket	Insertion Tool	Extraction Tool
18-24 (Bronze)		S1636-1	455830-1	465644-1

S1638-2, S1638-4, S1638-6

Refer to Figure 207
AMP Commercial Mate-N-Lock Series Connectors

AWG	Pin	Socket	Insertion Tool	Extraction Tool
14-20 (Gold)	60620-5	60619-5	465644-1	465644-1
18-24 (Brass)	60618-1	60617-1	455830-1	465644-1
18-24 (Bronze)	60618-4	60617-4	455830-1	465644-1

S1640-12, S1641-12

Refer to Figure 207
AMP Commercial Mate-N-Lock Series Connectors

AWG	Pin	Socket	Insertion Tool	Extraction Tool
14-20 (Gold)	60620-5	60619-5	465644-1	465644-1
18-24 (Brass)	60618-1	60617-1	455830-1	465644-1
18-24 (Bronze)	60618-4	60617-4	455830-1	465644-1

S1640-6

AWG	Pin	Socket	Insertion Tool	Extraction Tool
18-24 (Bronze)	S1635-1		455830-1	465644-1

S1641-6

AWG	Pin	Socket	Insertion Tool	Extraction Tool
18-24		S1636-1	455830-1	465644-1

S2035-1

V00779
Refer to Figure 207
AMP Commercial Mate-N-Lock Series Connectors

AWG	Pin	Socket	Insertion Tool	Extraction Tool
18-24	S1635-1		455830-1	1-305183-2

S2035-2

Refer to Figure 207
AMP Commercial Mate-N-Lock Series Connectors

AWG	Pin	Socket	Insertion Tool	Extraction Tool
14-20 (Gold)	60620-5	60619-5	465644-1	465644-1
18-24 (Brass)	60618-1	60617-1	455830-1	465644-1
18-24 (Bronze)	60618-4	60617-4	455830-1	465644-1

S2527-1

Refer to Figure 208
AMP M Series Connector Kit

AWG	Pin	Socket	Insertion Tool	Extraction Tool
20-24		S2099-4	91002-1	305183

S3070-9, S3070-10

Refer to Figure 209
LMD4000 Series Connectors

AWG	Pin	Socket	Insertion Tool	Extraction Tool
22	S3070-5	S3070-6	MIL-I-81969/14-02	MIL-I-81969/14-02

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Table 202. Crimp Tools

Contact	Crimp Tool	Positioner
02-06-1103	11-01-0008	
02-06-2103	11-01-0008	
02-06-5103	11-01-0008	
02-06-6103	11-01-0008	
030-5291-000	M22520/2-01	M22520/2-08
030-5291-000	MS3191-A	P20-3191-1
031-1007-000	M22520/2-01	M22520/2-08
031-1007-000	MS3191-A	P20-3191-1
031-1007-001	M22520/1-01	TH25
031-1007-001	MS3191-1	P20-3191-17
330-5291-001	M22520/1-01	TH25
330-5291-001	MS3191-1	P20-3191-17
60617-1	90123-2	
60617-4	90123-2	
60618-1	90123-2	
60618-4	90123-2	
60619-1	90124-2	
60619-5	90124-2	
60620-1	90124-2	
60620-5	90124-2	
61173-1	90066-5	
61174-1	90066-5	
LMD-4022-36LJ	M22520/2-01	
LMD-4122-96LD	M22520/2-01	M22520/2-07
M39029/57-354	M22520/2-01	M22520/2-06
M39029/57-357	M22520/1-01	M22520/1-04
M39029/58-360	M22520/2-01	M22520/2-08
M39029/58-360	MS3191-A	P20-3191-1
M39029/58-363	M22520/1-01	M22520/1-04
S1635-1	90123-2	
S1636-1	90123-2	
S2099-4	90066	
S3070-5	M22520/2-01	
S3070-6	M22520/2-01	M22520/2-07

D. All environmentally sealed type connectors will have all empty cavities filled with unwired contacts (pins and sockets) and sealing plugs.

2. Assembling MS3106 Series Connectors

A. Inserting Contacts. Refer to Figure 202.
   (1) Disassemble connector.
   (2) Slide clamping ring and compression sleeve on to wire bundle.

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

(3) Feed wires through sealing grommet and rear insert.
(4) Lock retaining ring into proper position by slipping silicone bushing toward receptacle or pin end of contact.
NOTE: Locking the retaining ring may be accomplished after crimping has been completed.
(5) Strip insulation from wire ends.
(6) Crimp contacts on to wires.
(7) Install contacts in front insert.
(8) After all contacts are properly positioned in front insert, slide rear insert over rear end of contacts until rear insert butts against forward insert.
(9) Align keyway and install assembled inserts into connector shell.
(10) Slide sealing grommet forward until grommet butts against rear insert.
(11) Slide compression sleeve and clamping nut forward until clamping nut engages threads on connector shell. Make certain packing in clamping nut is seated properly.
(12) Tighten clamping nut finger tight plus quarter turn.
NOTE: A strap wrench or a padded wrench may be used to tighten the clamping nut the additional quarter turn.

3. Assembling DBA-Type Connectors

NOTE: This is typical for all connectors with the contacts installed and removed from the rear.

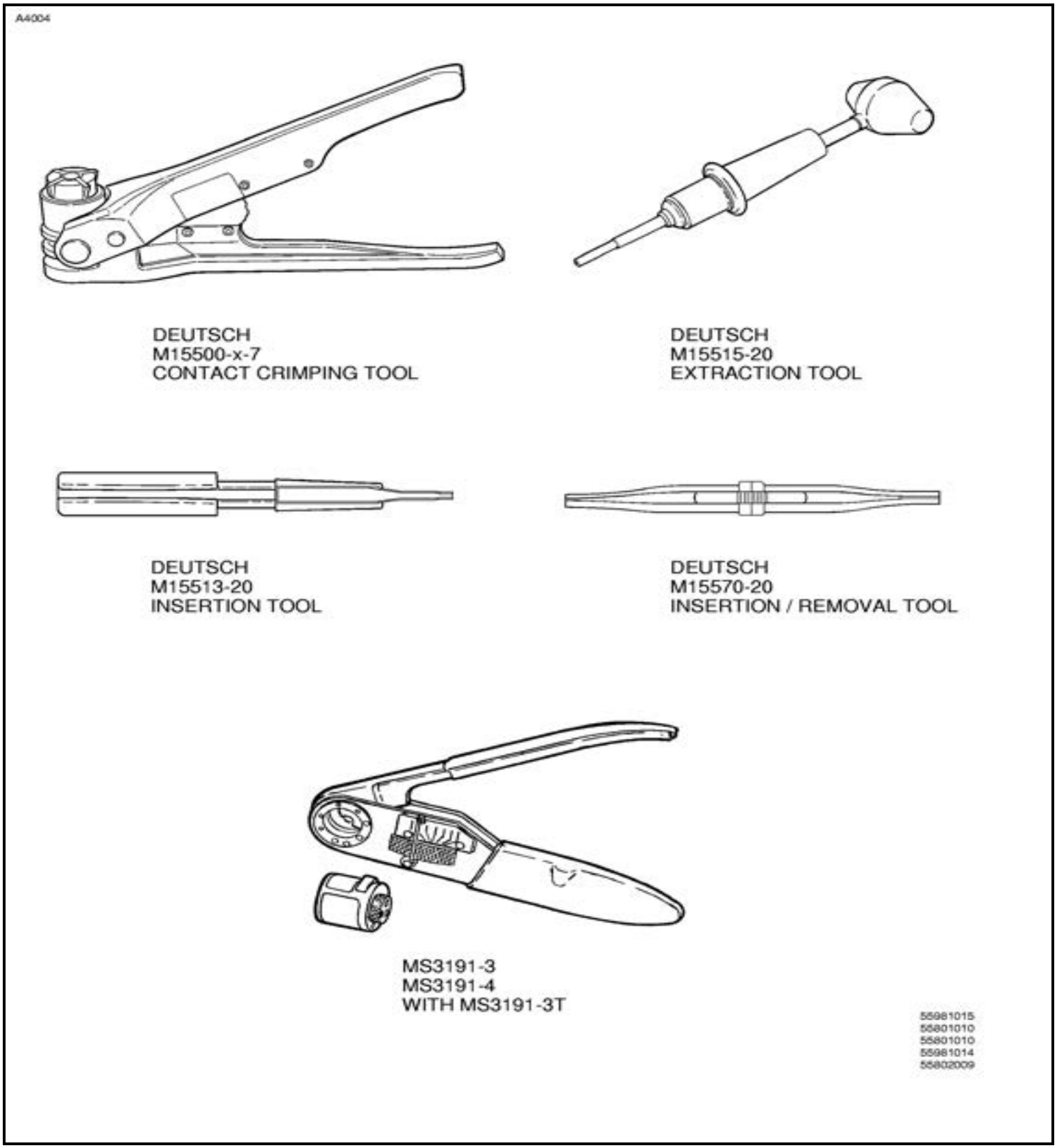
A. Installing Contacts. Refer to Figure 203 and Figure 204.
(1) Strip insulation from wire ends. For number 12 to number 20 contacts, strip 1/4 to 5/16 inch. For number 20 contacts, strip 5/32 to 7/32 inch.
(2) Insert wire into contact until wire strands are visible in inspection hole.
(3) Crimp contact with proper crimping tool.

B. Removing Contacts.
NOTE: For all crimp-type connectors, all unused wire cavities must be filled with plastic wire hole fillers designed for the type of connector being used.
(1) With the rear insert toward you, snap the white end of appropriate size insertion/removal tool over the wire of the contact to be removed.
(2) Slowly slide the tool along the wire into the insert cavity until it engages the contact shoulder and a positive resistance is felt. At this time, the contact retaining clip is in the unlock position.
(3) Press the wire against the serrations of the tool and pull both tool and contact-wire assembly from the connector.

C. Inserting Contacts.
(1) Snap the wire into the appropriate insertion/removal tool.
(2) Pull the wire back through the tool until the tip of the tool seats against the back of the wire contact.
(3) Holding the connector with the backshell removed, slowly push the contact straight into the connector insert.
(4) A firm stop will be evident when the contact positively seats, then let go of the wire and pull out the tool.

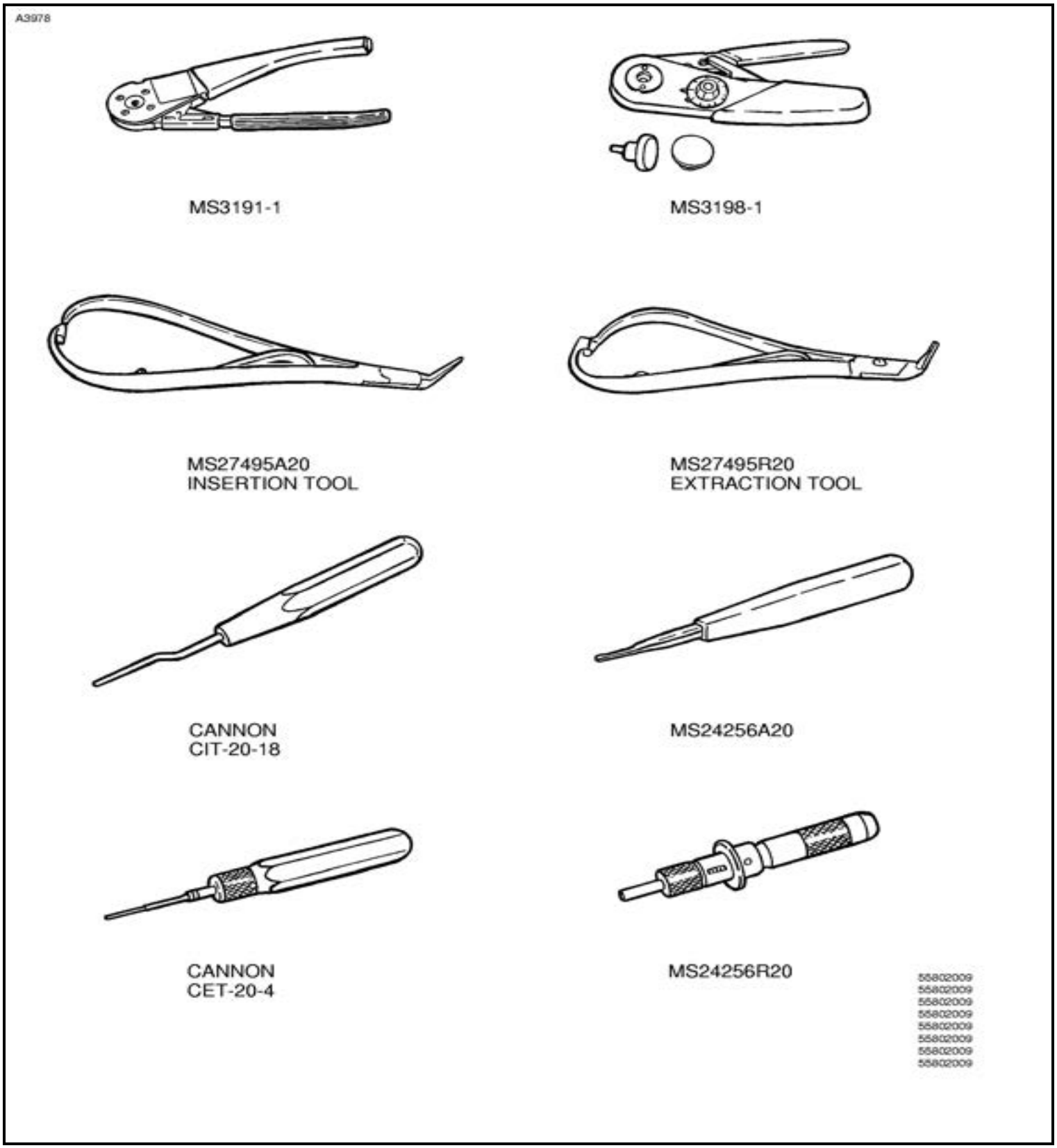
Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 201 : Sheet 1 : Typical Tools for Crimp-Type Connectors



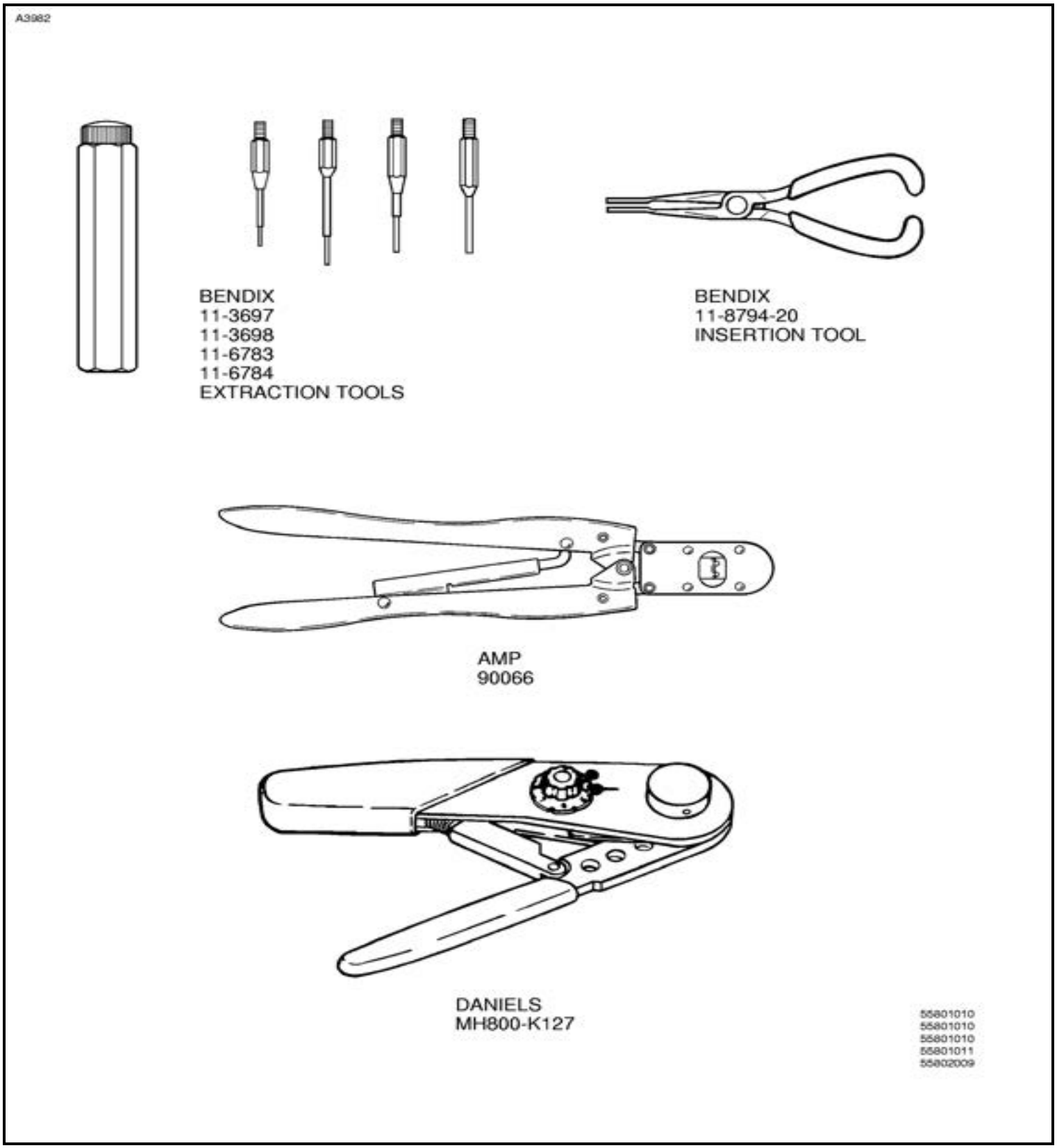
Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 201 : Sheet 2 : Typical Tools for Crimp-Type Connectors



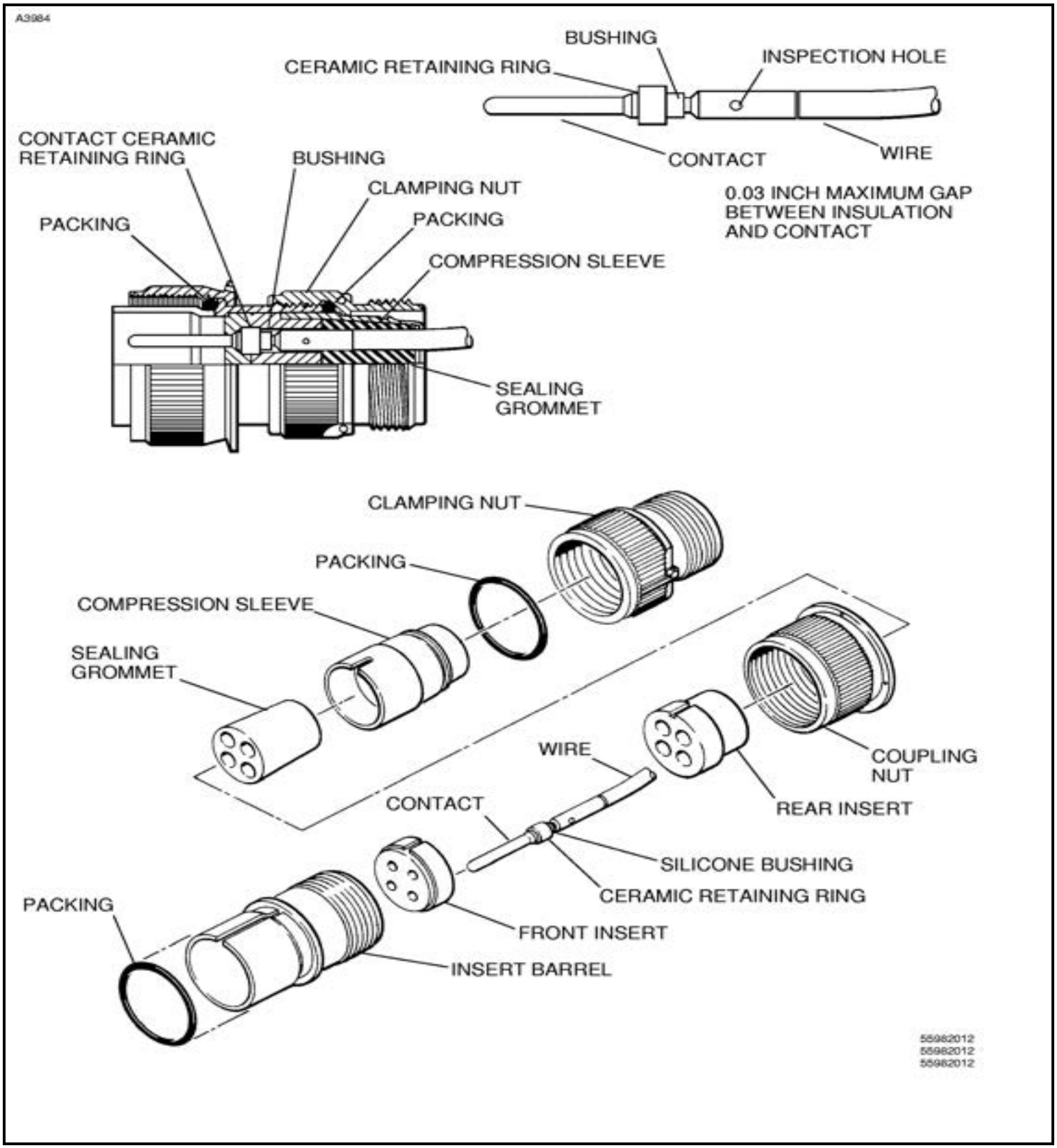
Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 201 : Sheet 3 : Typical Tools for Crimp-Type Connectors



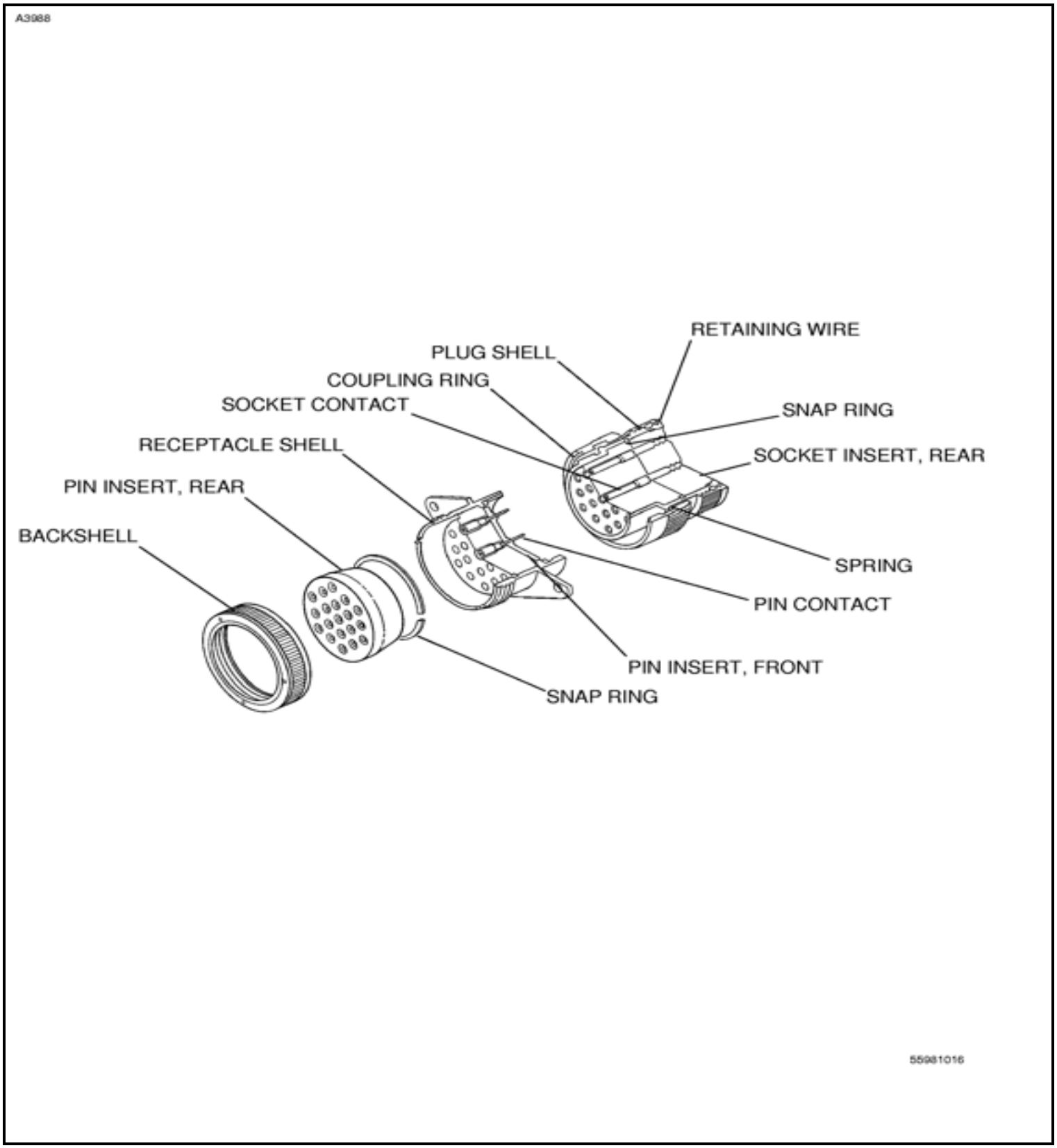
Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 202 : Sheet 1 : Solder-Type Connectors



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 203 : Sheet 1 : Crimp-Type Connector Assembly



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 204 : Sheet 1 : Typical Removal and Installation of Rear-Release Contacts

A3990

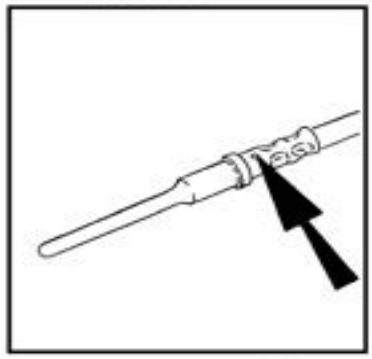
1. Drop either the pin or socket contact to be crimped into the crimping tool with the contact crimp barrel facing up. This tool features a universal crimp stop which is interchangeable with pins and sockets.



2. Insert the bare wire into the open end of the contact and squeeze the crimp tool. (The crimp tool will only release the contact when the full-crimping cycle has been performed.) Remove the crimped contact from the tool.

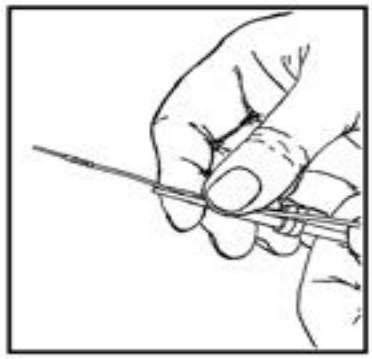


3. Visibility of the wire in the contact inspection hole (arrow) indicates that the wire is crimped into the contact at the proper depth and dimension.



TO INSERT

1. Hold the colored half of the appropriate insertion/ removal tool between the thumb and forefinger and lay the wire to be inserted along the slot leaving about 0.50 inch of wire protruding. Then snap the wire into the tool. (Size 8 contacts do not require a tool.)



55802010

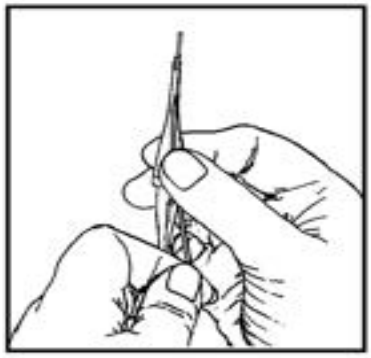
Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 204 : Sheet 2 : Typical Removal and Installation of Rear-Release Contacts

A3996

TO INSERT (Continued)

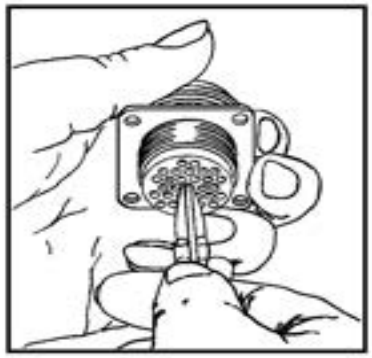
2. Pull the wire back through the tool until the tip of the tool seats against the shoulder.



3. Holding the connector with the backshell removed and the rear insert facing you, slowly push the contact straight into the connector insert.

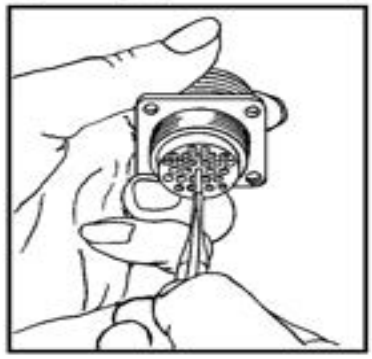


4. A firm stop will be evident when the contact positively seats in the connector insert. Then let go of the wire and pull out the tool.



TO REMOVE

1. With the rear insert toward you, snap the white end of the appropriate size double-ended plastic tool over the wire of the contact to be removed.



55802010

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 204 : Sheet 3 : Typical Removal and Installation of Rear-Release Contacts

A4000

TO REMOVE (Continued)

2. Slowly slide the tool along the wire into the insert cavity until it engages the contact rear and a positive resistance is felt. At this time, the contact retaining clip is in the unlock position.



3. Press the wire of the contact to be removed against the serrations of the plastic tool and pull both the tool and the contact wire assembly out of the connector.

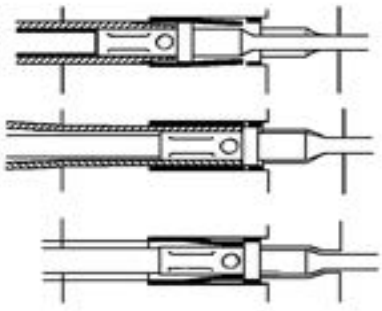


CONTACT INSERTION

Contact partially inserted with insertion end of tool.

Contact fully inserted as tool expands tines.

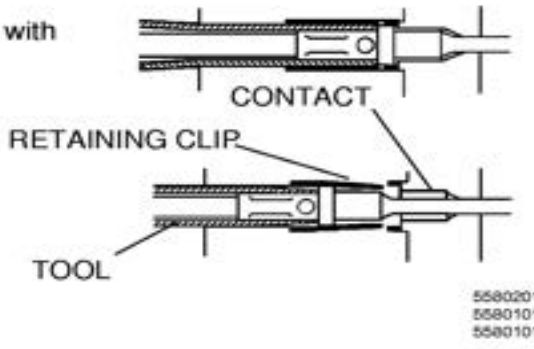
Tines snap behind contact shoulder when tool is removed.



CONTACT EXTRACTION

Tines expanded beyond contact shoulder with extraction end of tool, ready for release.

Contact partially removed.



55802010
55801012
55801012

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 205 : Sheet 1 : Typical Removal and Installation of Front-Release Contacts

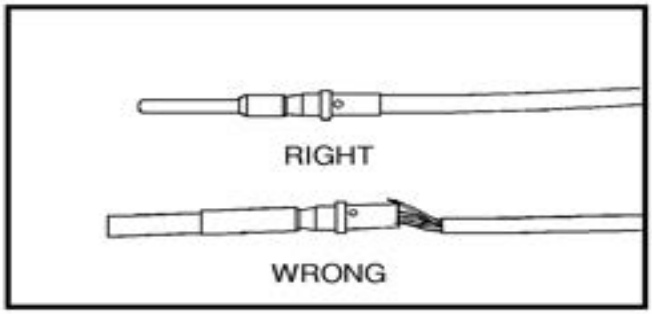
A4010

CRIMPING CONTACTS

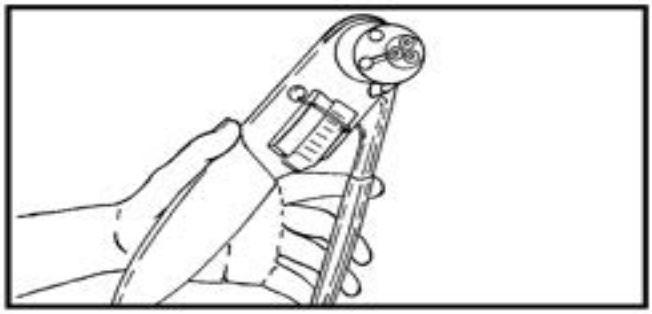
1. Strip wires according to the table, taking care not to cut or nick strands.

Contact Size	Wire Size AWG	Strip Insulation
20	Number 20 - 24	0.18
16	Number 16 - 20	0.25

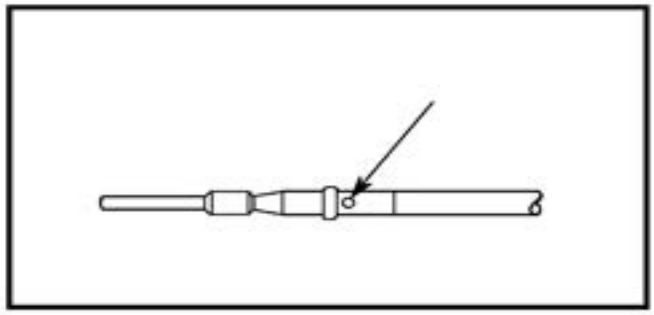
2. Insert stripped wire into contact crimp pot. Wire must be visible through inspection hole



3. Using correct crimp tool and locator, cycle the tool once to be sure the indentors are open. Insert contact and wire into locator. Squeeze tool handles firmly and completely to ensure a proper crimp. The tool will not release unless the crimp indentors in the tool head have been fully actuated.



4. Release crimped contact and wire from tool. Be certain the wire is visible through inspection hole in contact.



55801008
55801009

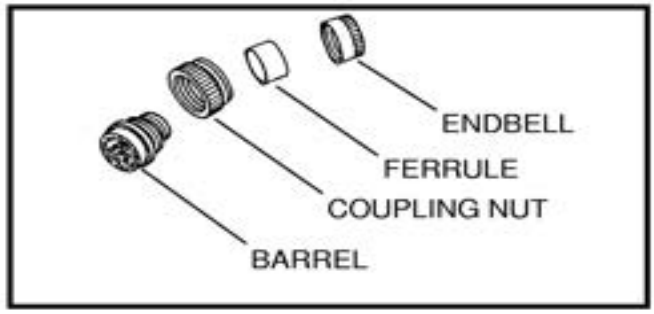
Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 205 : Sheet 2 : Typical Removal and Installation of Front-Release Contacts

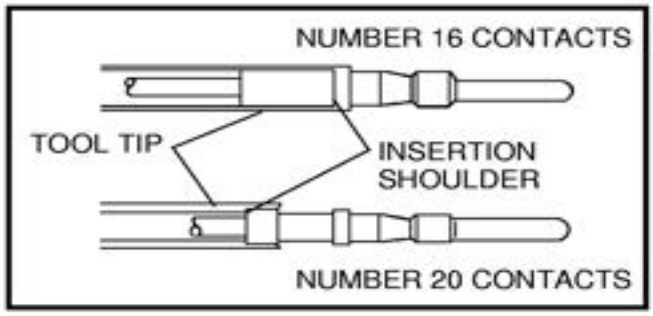
A4016

CONTACT INSERTION

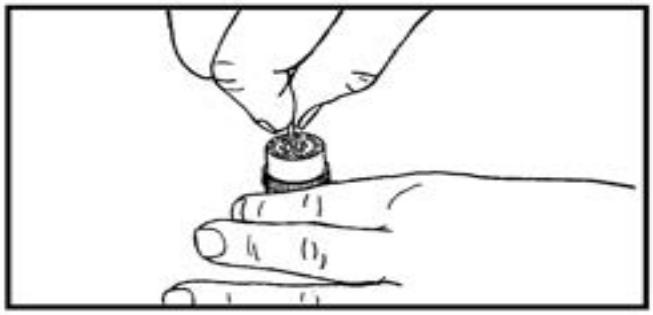
5. Remove hardware from plug and receptacle. Slide hardware over wire bundle in proper order for reassembly.



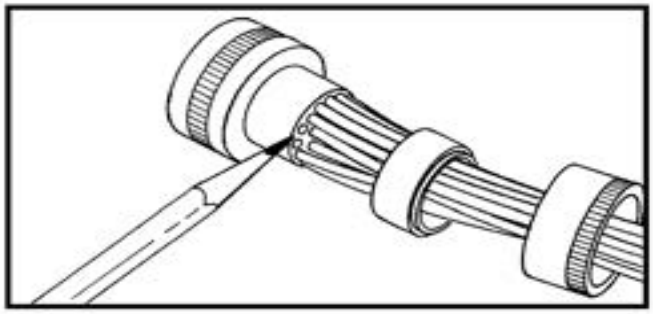
6. Use the proper contact insertion tool, and slide the tool over the terminal end of the contact. The size 16 contact lies in the tool and the tool tip butts against the contact shoulder. The rear, or insulation support of the size 20 contact butts against an internal shoulder in the tool tip.



7. Beginning from center cavity and working outward, insert wired contacts into rear of connector by hand until the front of the contact shoulder is no more than 0.12 inch from the grommet. Holding the connector securely, position tool behind contact. Push tool straight into contact cavity until contact snaps into position. A light pull on the wire will assure that contact is locked securely. Repeat for remaining contacts.



8. Use wire hole fillers or grommet sealing plugs to fill any empty cavities and assemble hardware to rear of plug or receptacle.



55801008
55801009
55801008

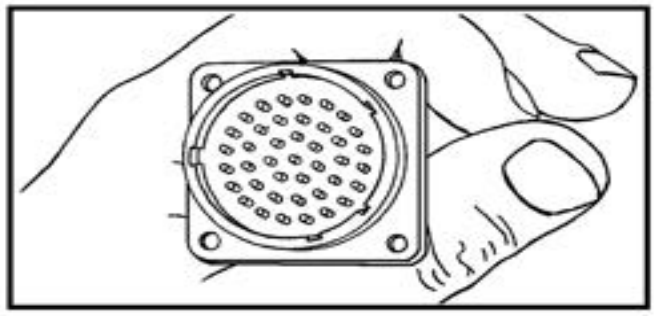
Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 205 : Sheet 3 : Typical Removal and Installation of Front-Release Contacts

A4021

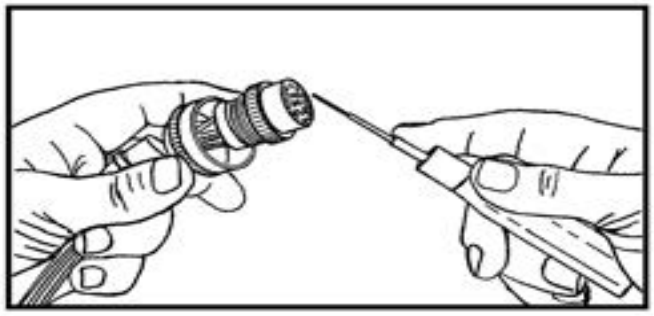
COMPLETION

9. Check face of plug or receptacle for proper contact installation.



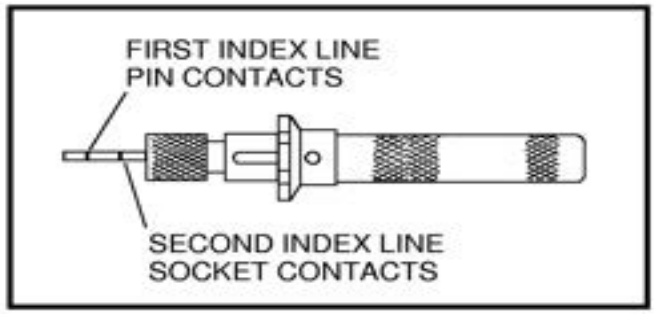
CONTACT EXTRACTION

10. Slide hardware back over wire bundle. Using proper extraction tool or extraction end of proper insertion/extraction tool, proceed as follows:

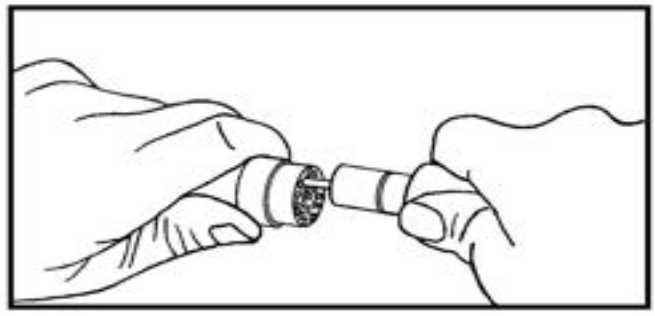


KPTM: Make sure reversible tool tip is set for pin or socket contacts. Place tool tip over contact from front of insulator and, with slow and even pressure, push contact out of back of insulator.

MS3126F-xx-xxx: Use the proper extraction tool. There are two lines on the clip sleeve which are vital to the contact removal process. The first index line is used for removing pin contacts while the second index line is for removing socket contacts.



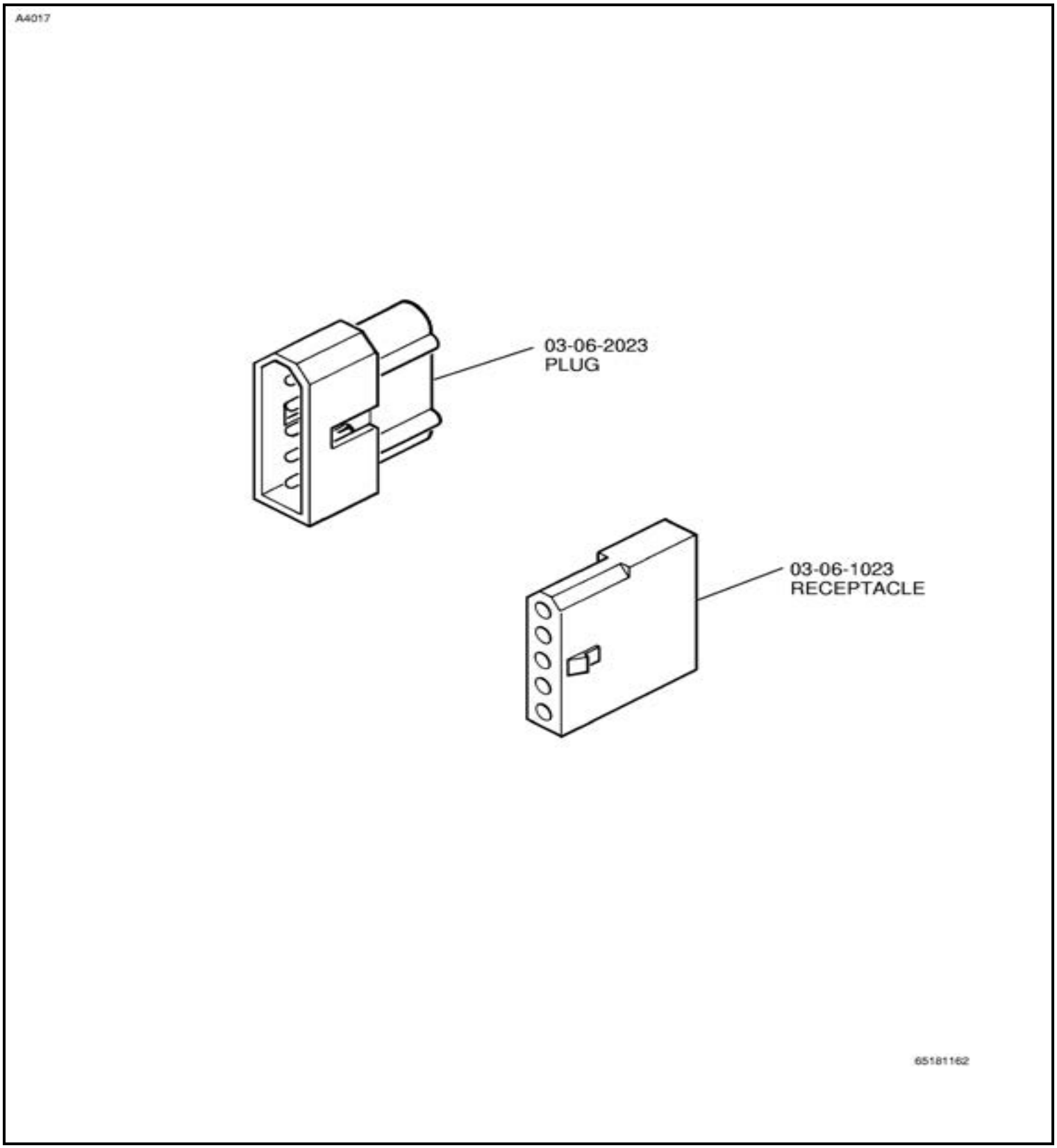
Carefully place the tool over the contact to be extracted until the tool tip touches the insulator face. Carefully rotate the tool until the index line is slightly below the insulator face. Keep an even pressure against tool body; push plunger forward with thumb and index finger, and push the contact out through the clip. Carefully remove extraction tool from connector. Pull the wire by hand to complete the removal of the contact.



55801008
55801009
55801008

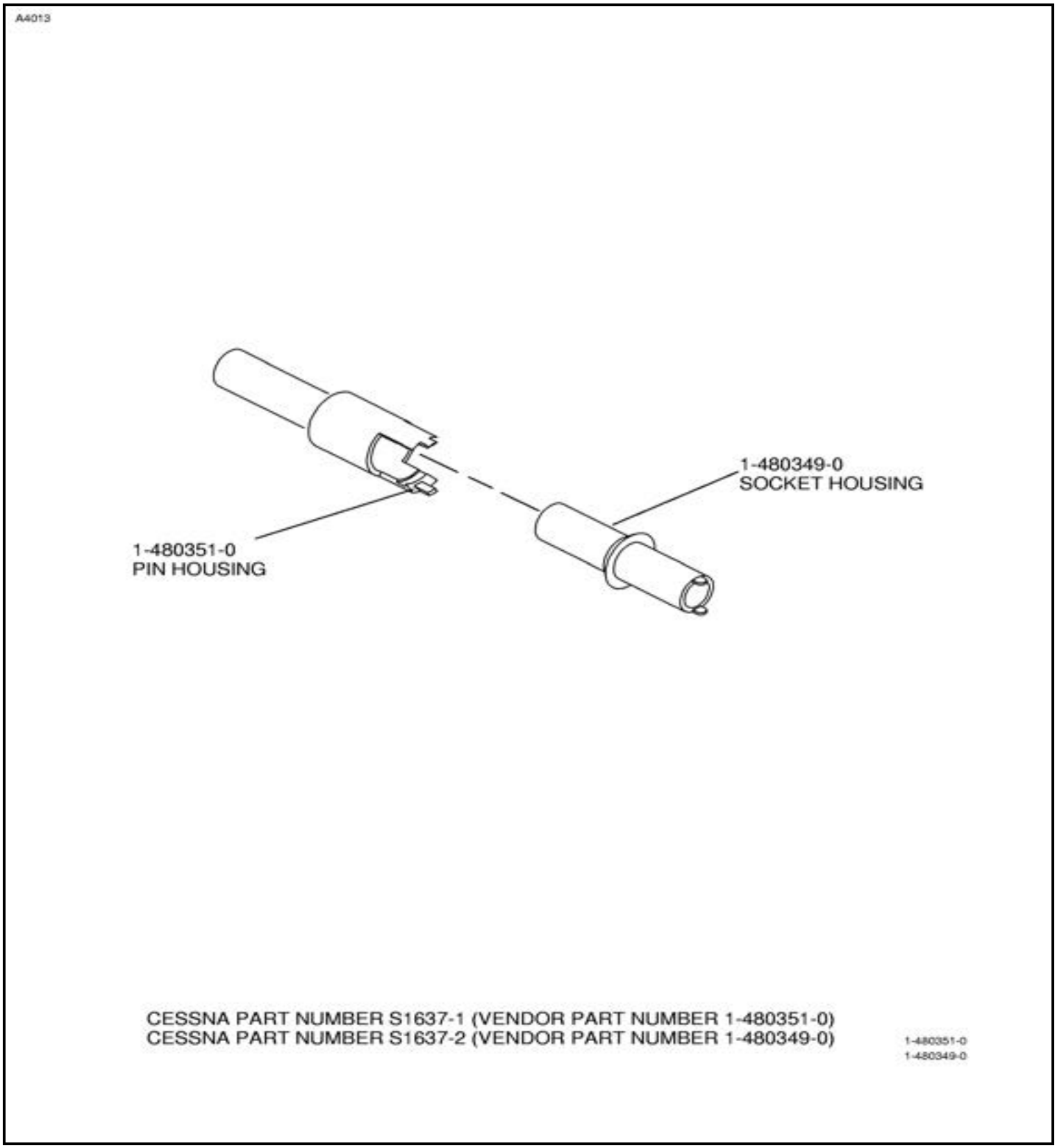
Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 206 : Sheet 1 : 03-06 and 06-06 Series Molex Connectors



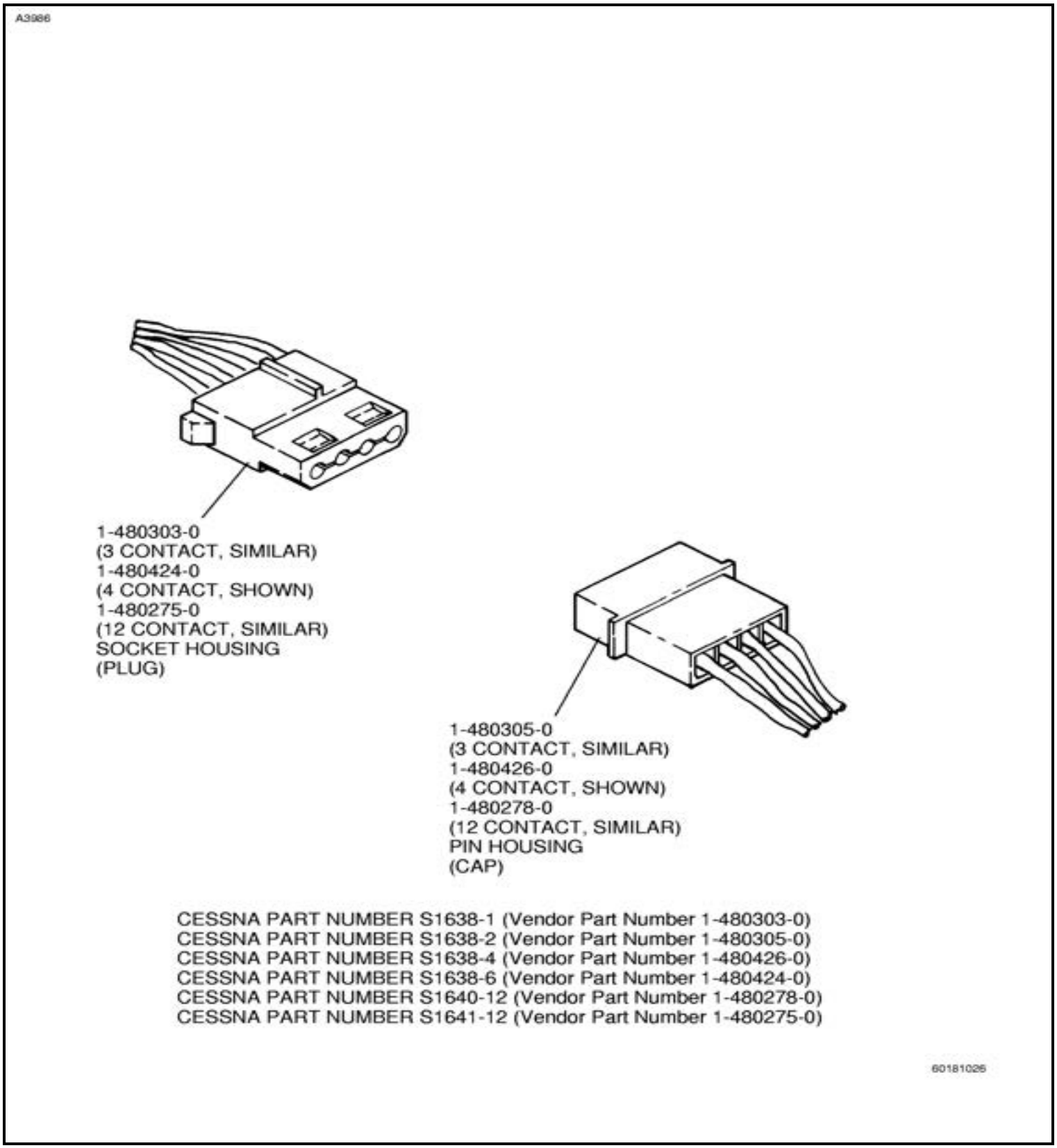
Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 207 : Sheet 1 : AMP Commercial Mate-N-Lock Series Connectors



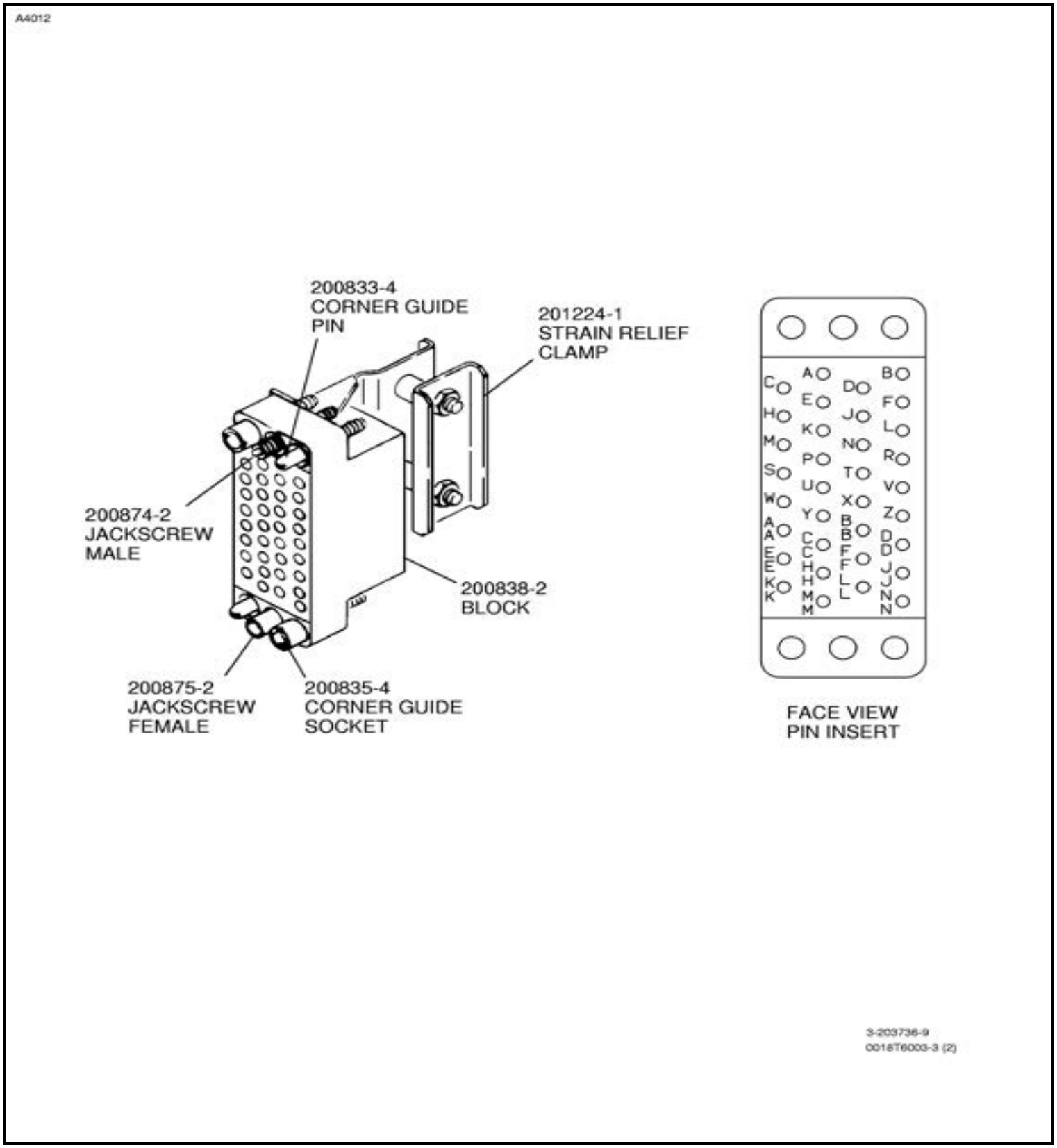
Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 207 : Sheet 2 : AMP Commercial Mate-N-Lock Series Connectors



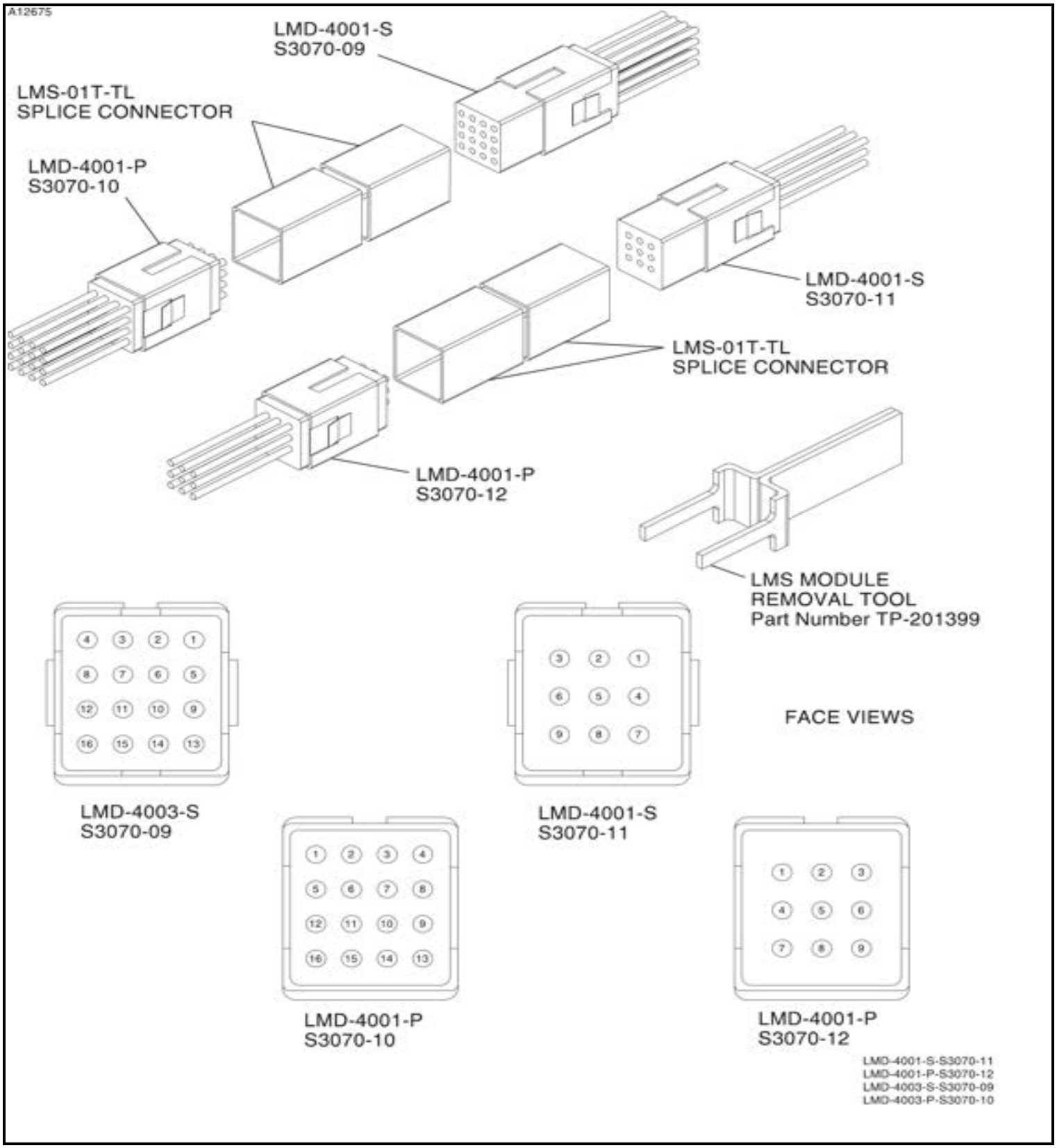
Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 208 : Sheet 1 : AMP M Series Connector Kit



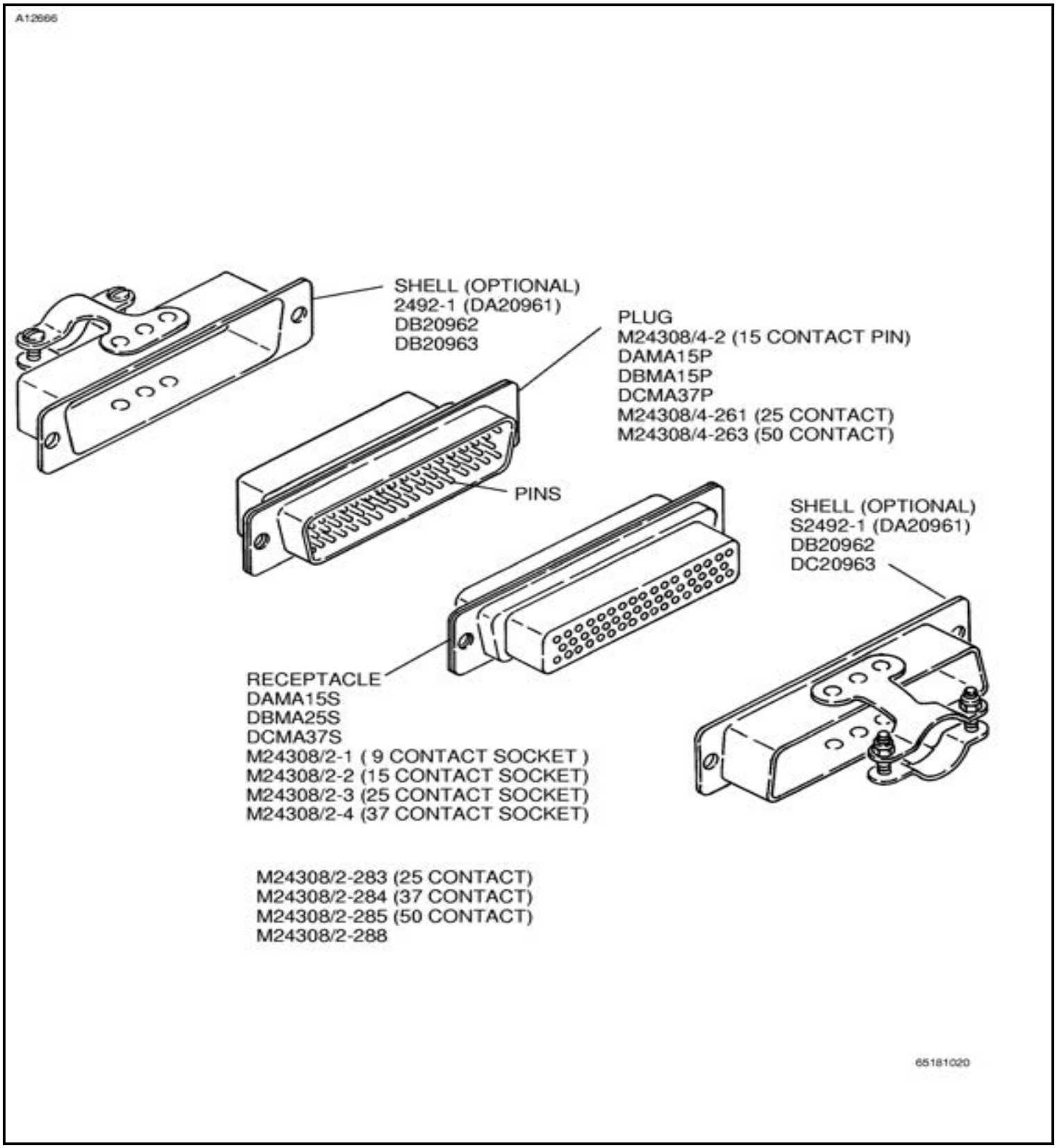
Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 209 : Sheet 1 : LMD4000 Series Connectors



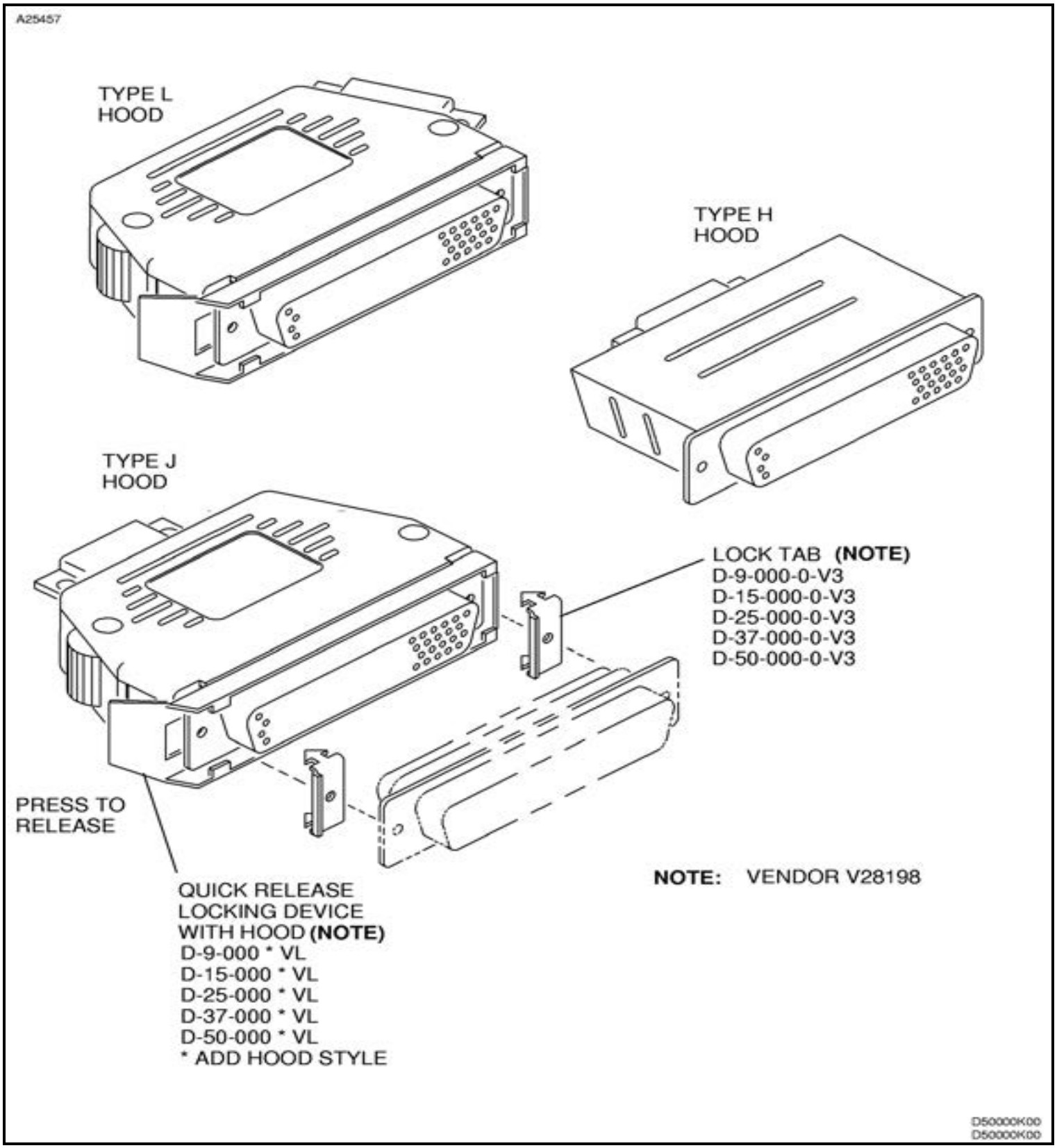
Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 210 : Sheet 1 : M24308 Series Connectors



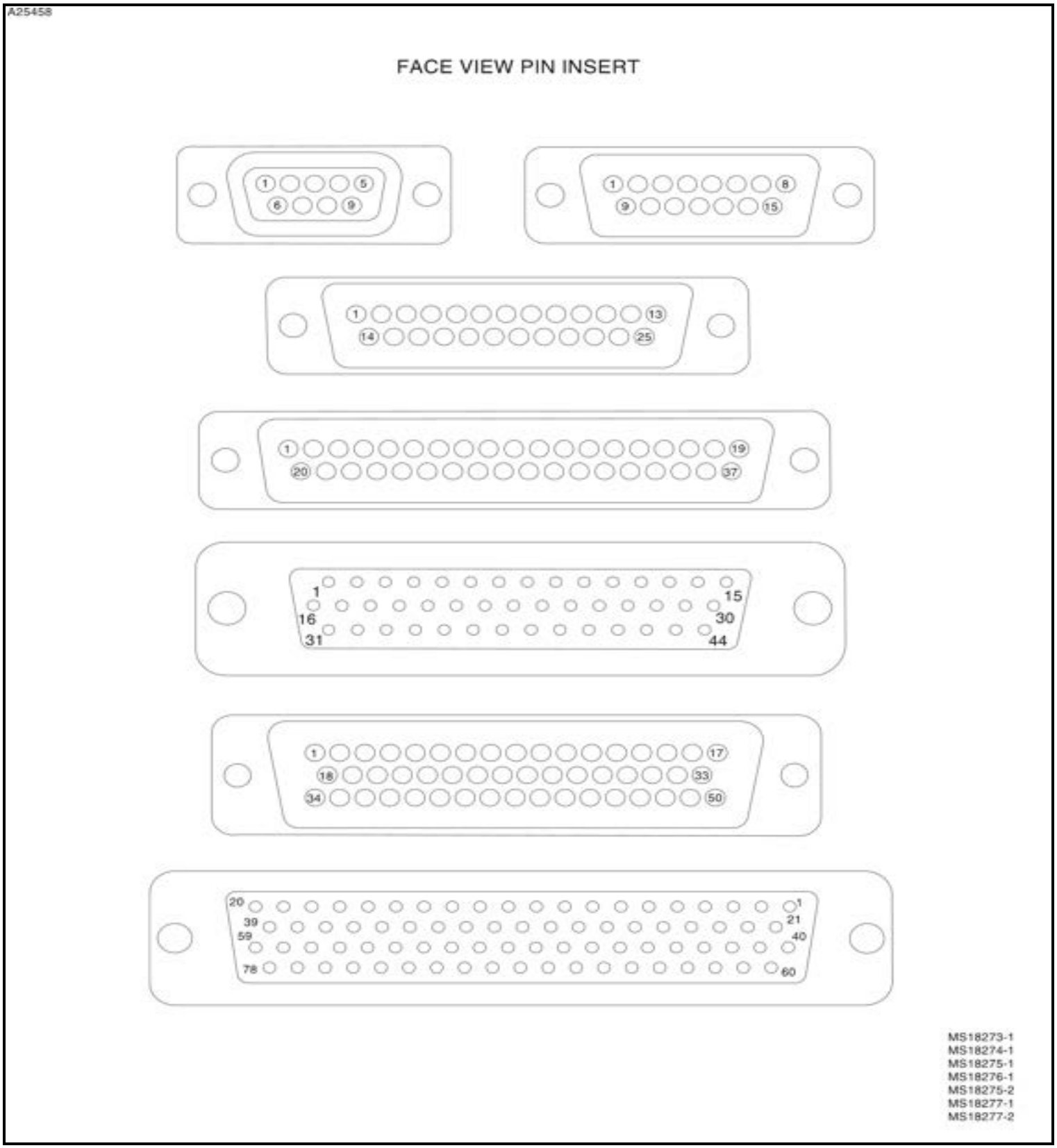
Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 210 : Sheet 2 : M24308 Series Connectors



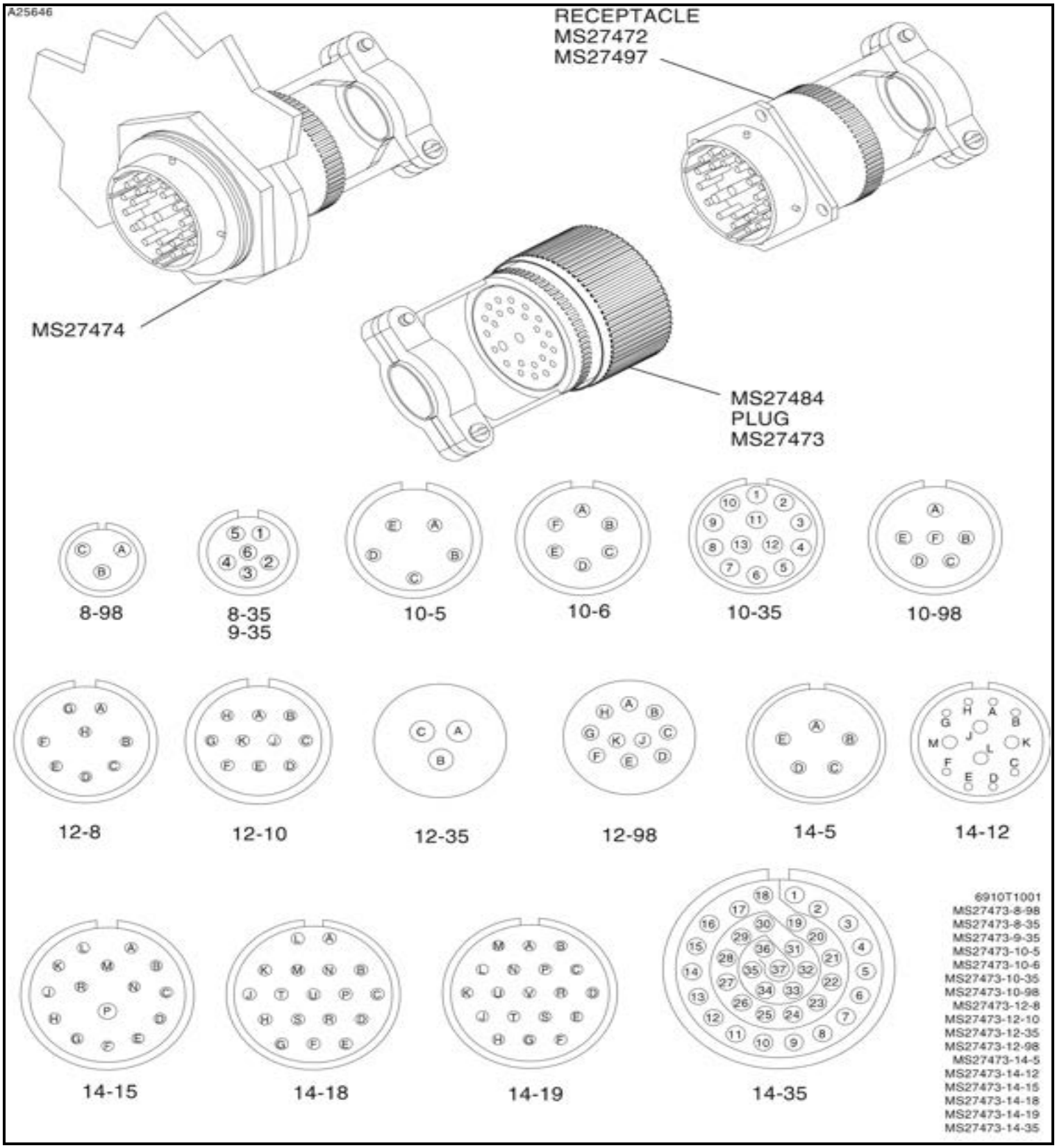
Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 210 : Sheet 3 : M24308 Series Connectors



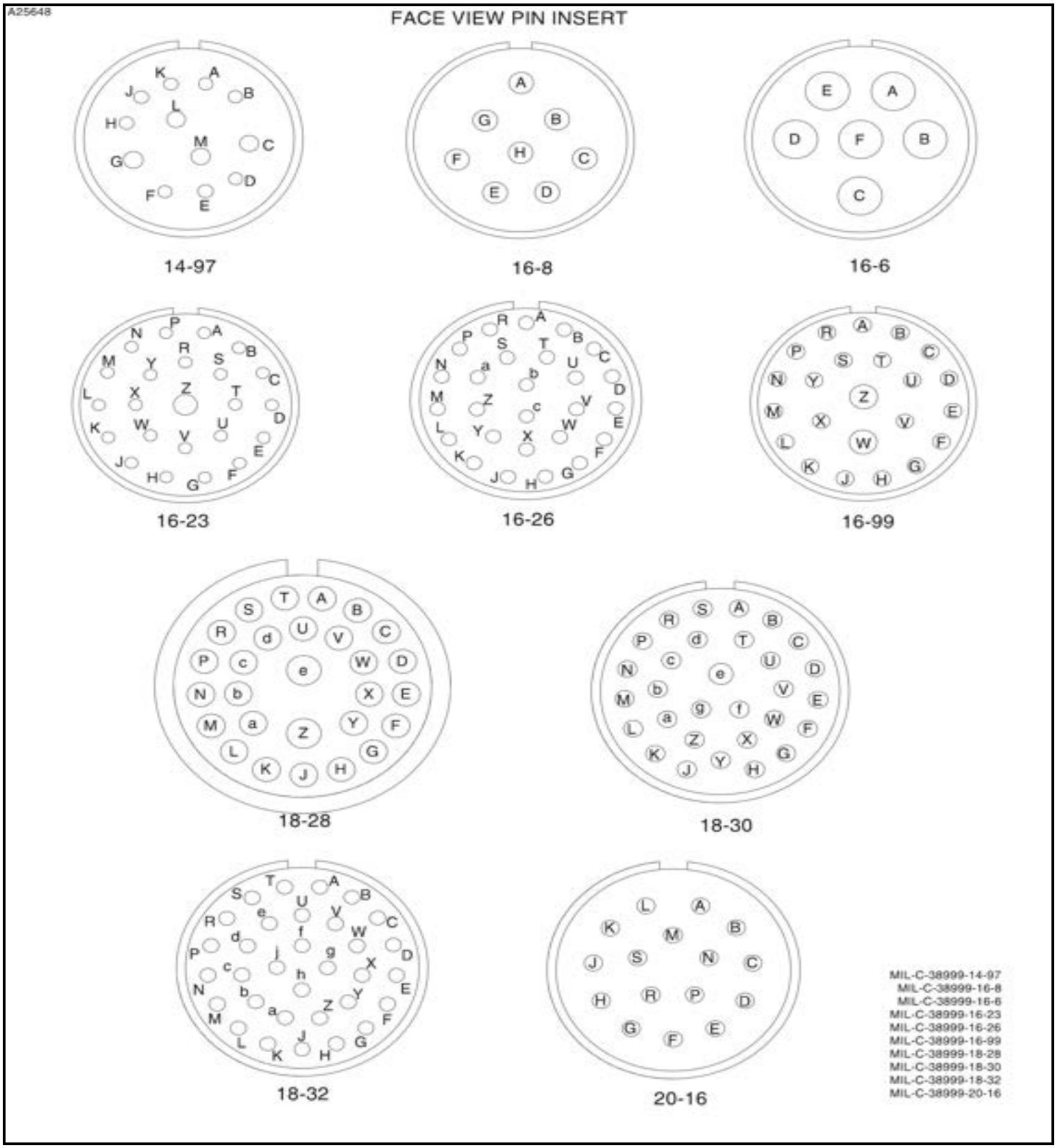
Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 211 : Sheet 1 : Mil-C-38999 Series 1 and Series 2 Connectors



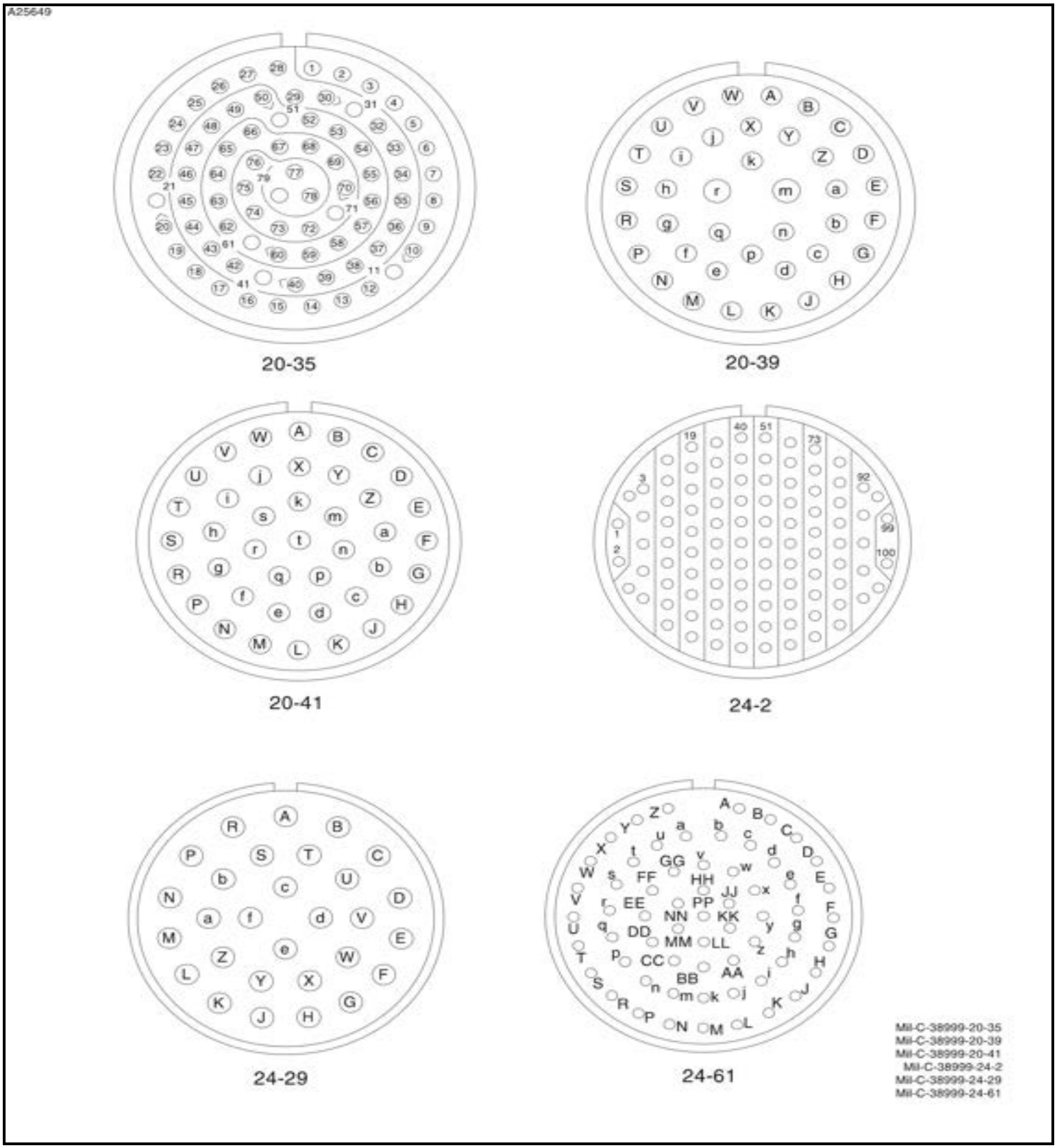
Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 211 : Sheet 2 : Mil-C-38999 Series 1 and Series 2 Connectors



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 211 : Sheet 3 : Mil-C-38999 Series 1 and Series 2 Connectors



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

COAX CABLE CONNECTORS - MAINTENANCE PRACTICES

1. General

A. The following information is intended for replacement of coax cable connectors in general. Instructions given are typical for coax cable connectors.

B. Coax cable connectors described herein are of two types: one utilizing a threaded-type braid clamp, the other a swaged-type braid clamp.

2. Installation/Assembly Coax Cable Connectors (Threaded Type)

A. Assembly Procedures. Refer to Figure 201.

(1) Cut coax cable to length.

(2) Trim jacket approximately 5/16 inch from end of cable.

(3) Slip clamp nut, washer, gasket and braid clamp onto cable.

(4) Flare braid over braid clamp.

(5) Strip insulation from center conductor to depth of contact solder pot.

(6) Install and solder contact to center conductor.

NOTE: Nuts having captivated contacts, washer and insulator are assembled before soldering contacts.

(7) Insert complete assembly into connector body so contact enters hold in insulator properly.

(8) Start connector nut by hand and tighten to 40 inch pounds +10, -10 inch-pounds, torque.

3. Installation/Assembly Connectors with K-Grips (Swaged Type)

A. Assembly Procedures. Refer to Figure 202.

(1) Disassemble nut, gasket and braid clamp from connector body. Remove K-Grip and sleeve from individual package.

(2) Slip K-Grip sleeve and connector nut onto cable.

(3) Remove outer jacket to dimension A. Refer to Table 201.

Table 201. K-Grip Assembly

Connector	Dimension A Inches	Dimension B Inches	Dimension C Inches	K-Grip	Tool
UG-913A/U	1.18	0.3	0.111	KS-89-05	683-51470-1
UG-88C/U	1.18	0.3	0.111	KS-89-05	683-51470-1

CAUTION: DO NOT NICK OR CUT THE BRAID.

(4) Trim braid to dimension B with small scissors or fingernail clippers. Refer to Table 201.

(5) Slide grooved slotted end of K-Grip barrel over dielectric and under braid until braid touches step of barrel.

(6) Slide connector nut in place so that nut butts against collar of K-Grip barrel.

NOTE: Nut must be correctly positioned before crimping.

(7) Hold K-Grip barrel in position and slide K-Grip sleeve until forward edge of sleeve is even with step of barrel and the braid is visible between sleeve and step.

(8) Crimp K-Grip sleeve as shown using tool specified in Table 201. If an alternate tool is used, crimp sleeve twice to utilize full length of sleeve, yet leave a flare at each end.

(9) Trim dielectric to dimension C in Table 201.

CAUTION: DO NOT NICK OR CUT CENTER CONDUCTOR.

(10) Trim center conductor to depth of contact solder pot so contact is flush with dielectric.

(11) Tin center conductor lightly.

(12) Install and solder contact on center conductor.

(13) Install gasket and braid clamp.

(14) Insert complete assembly into connector body so contact enters hole in insulator and braid clamp seats properly. Push assembly into body as far as possible. Start connector nut by hand and tighten moderately with wrench.

(15) Hold connector body and tighten to torque value of 40 inch-pounds +10, -10 inch-pounds.

4. Assembly MIL-C-25516 (M25516/20-XX-XX) Connectors.

A. Assembly Procedures. Refer to Figure 203.

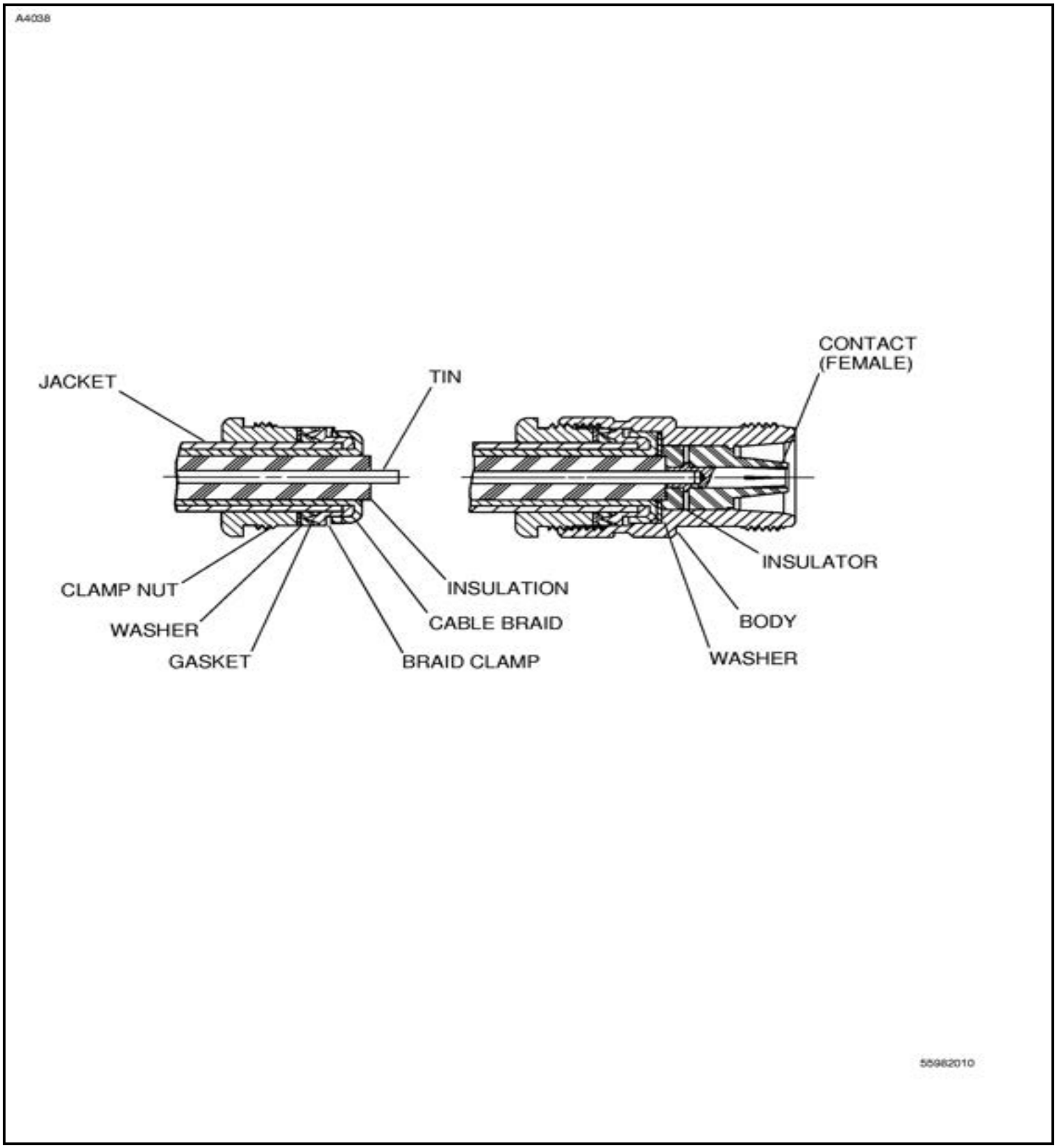
B. Instructions also cover Ted Manufacturing Corporation Series 59 and 69 connectors for shielded cables.

5. Assembly 2755-2-9 King K-Grip Connectors

A. Assembly Procedures. Refer to Figure 204.

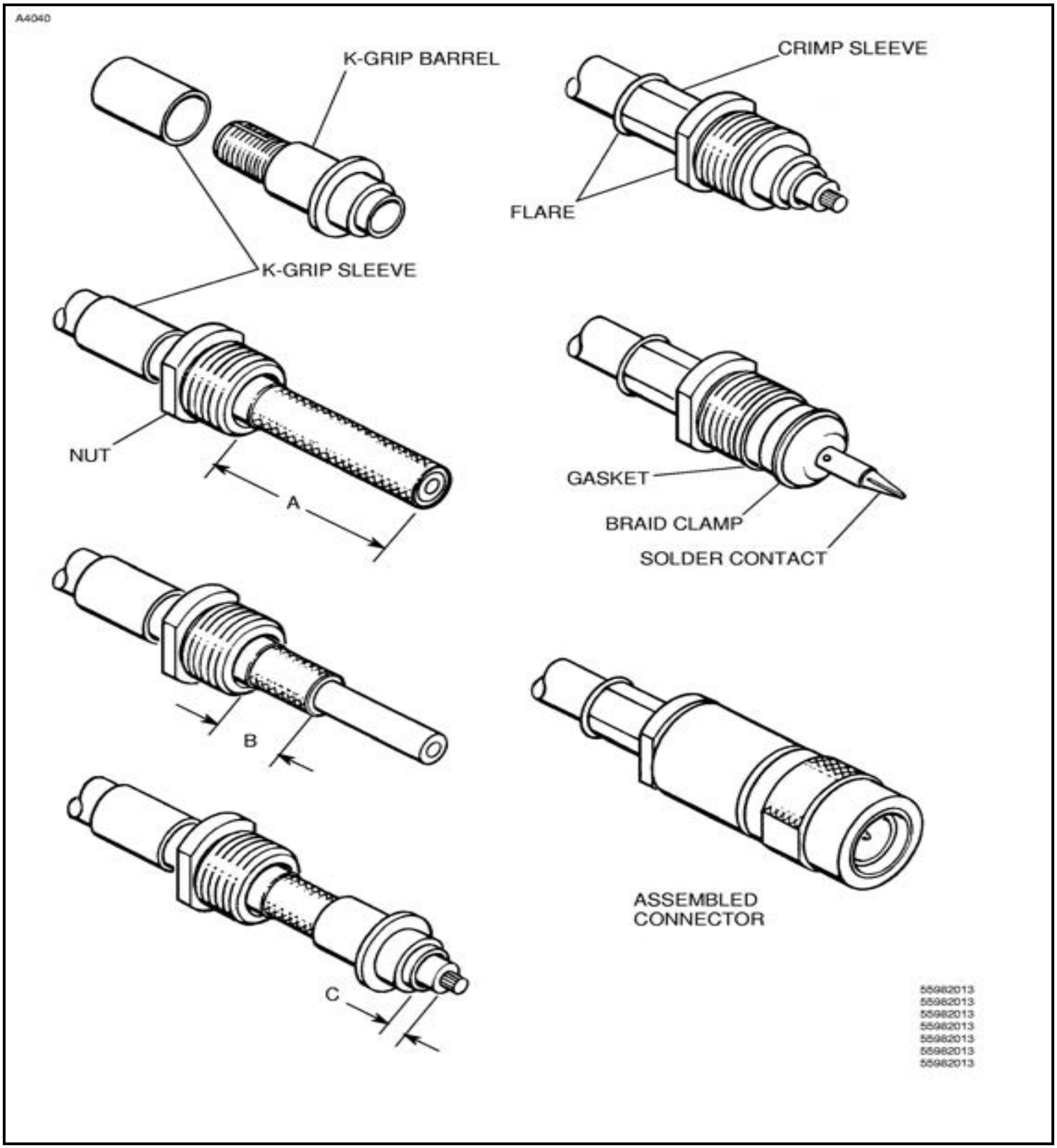
Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 201 : Sheet 1 : Coax Cable Termination Installation



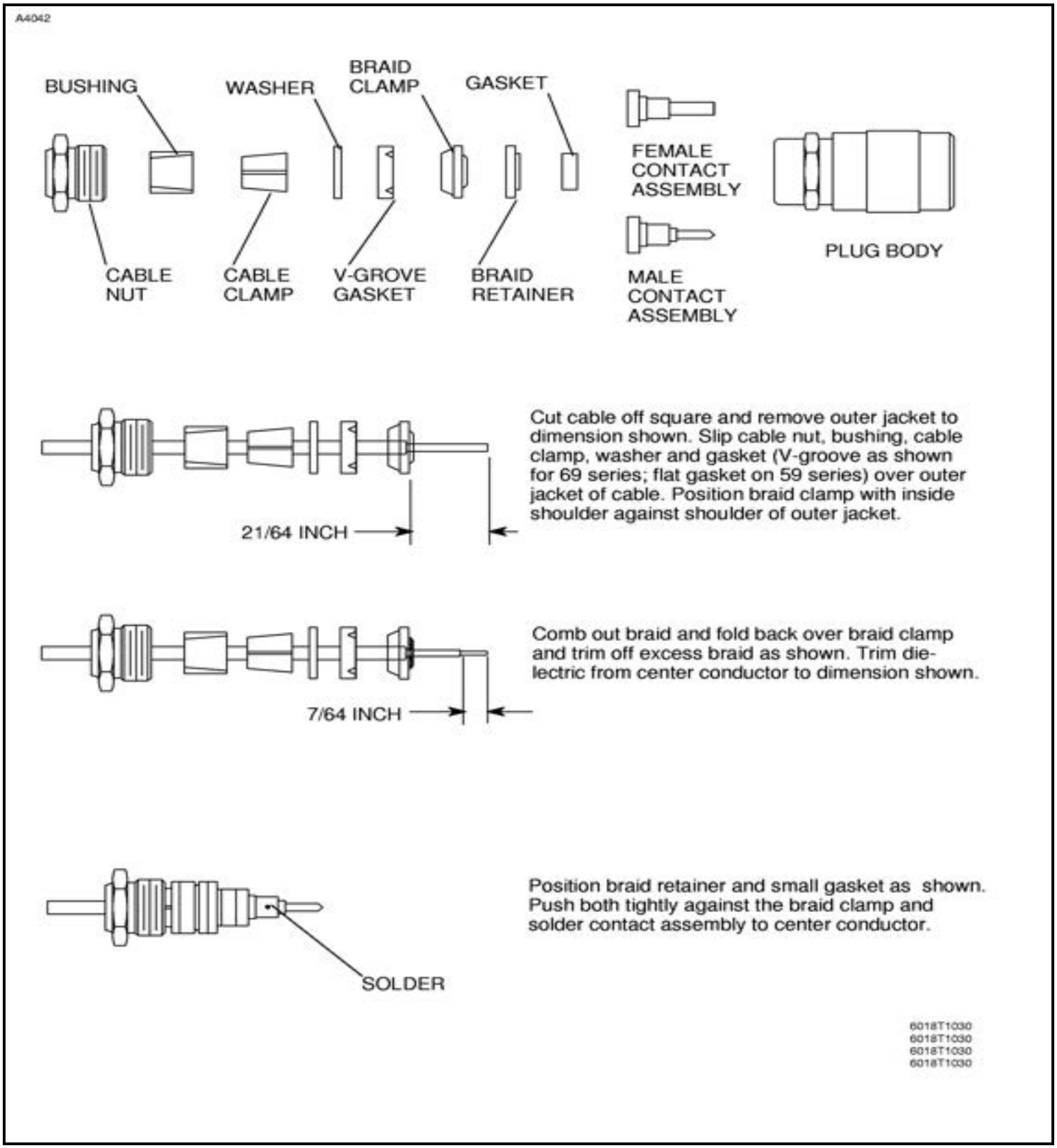
Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 202 : Sheet 1 : Connector With K-Grip (Typical)



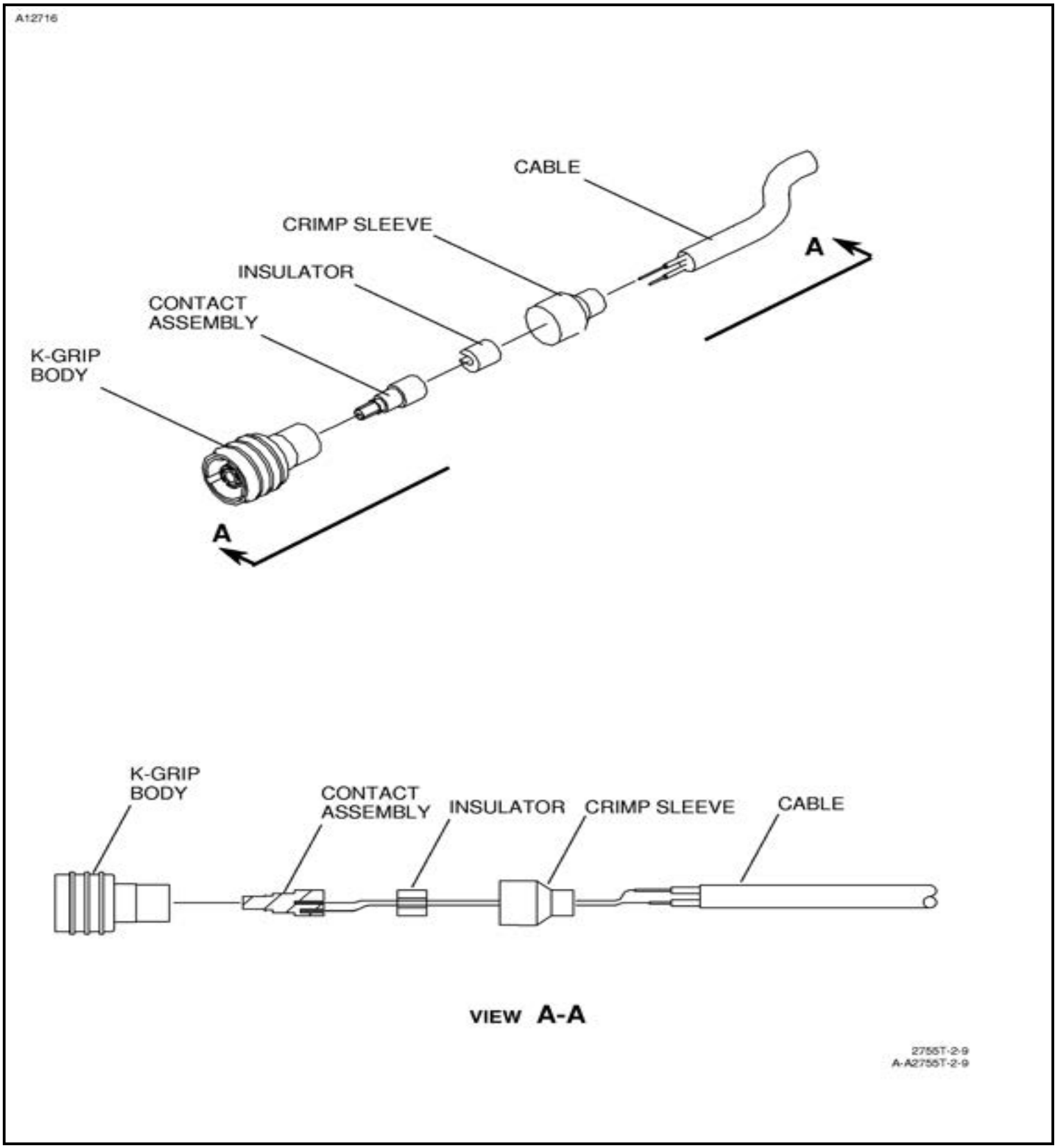
Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 203 : Sheet 1 : Assembly Mil-C-25516 (M25516/20-XX-XX) Connectors



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

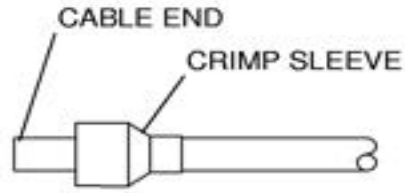
Figure 204 : Sheet 1 : 2755-2-9 King K-Grip Connectors



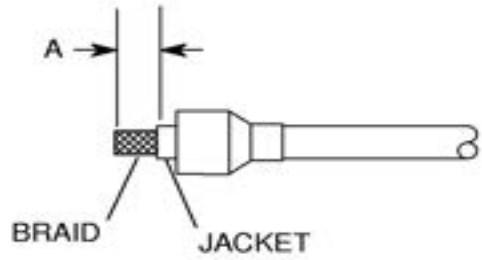
Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 204 : Sheet 2 : 2755-2-9 King K-Grip Connectors

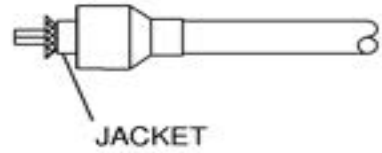
A1:2717



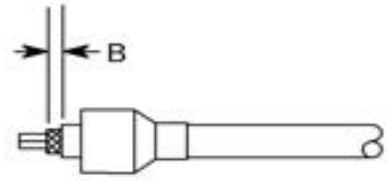
CUT CABLE END SQUARE AND SLIDE CRIMP SLEEVE OVER CABLE END AS SHOWN.



REMOVE JACKET TO "A" DIMENSION



FLARE OR BULGE BACK BRAID AND TRIM WITH SCISSORS AT EDGE OF JACKET



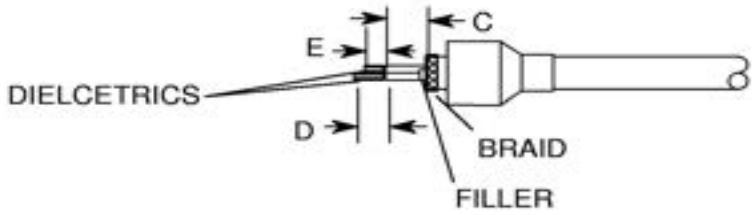
REMOVE JACKET TO "B" DIMENSION, TAKING CARE NOT TO NICK BRAID.

2755T-2-9
2755T-2-9
2755T-2-9
2755T-2-9

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

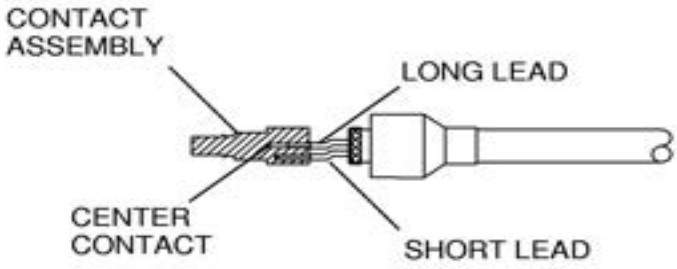
Figure 204 : Sheet 3 : 2755-2-9 King K-Grip Connectors

A1:2718



FOLD BACK BRAID AND TRIM BOTH FILLERS FLUSH WITH FOLD. THEN CUT THRU BOTH DIELECTRICS AT "D" DIMENSION. DO NOT NICK CONDUCTORS AND DO NOT REMOVE DIELECTRICS.
NEXT, TRIM ONE OF THE LEADS TO THE "E" DIMENSION, THE REMAINING LONG LEAD WILL BE INSERTED INTO THE CENTER CONTACT IN THE NEXT STEP.

DASH NO.	A	B	C	D	E
-1	.200	.391	.279	.312	.172
-2	-	-	-	.312	.172



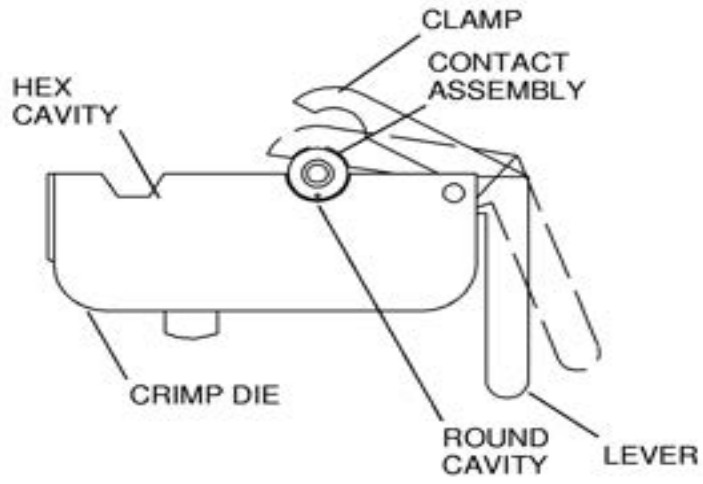
REMOVE THE DIELECTRICS AND INSERT CENTER CONDUCTORS (LONG LEAD IN CENTER, SHORT LEAD IN CONTACT BODY) INTO CONTACT ASSEMBLY.
A GENTLE ROCKING MOTION OF THE CABLE WILL FACILITATE ENTRY OF THE LEADS.

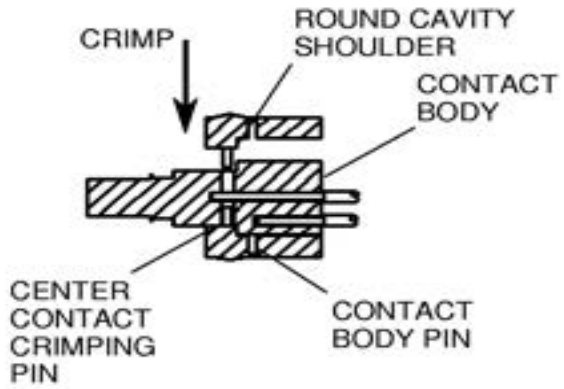
2755T-2-9
2755T-2-9

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 204 : Sheet 4 : 2755-2-9 King K-Grip Connectors

A1:2720



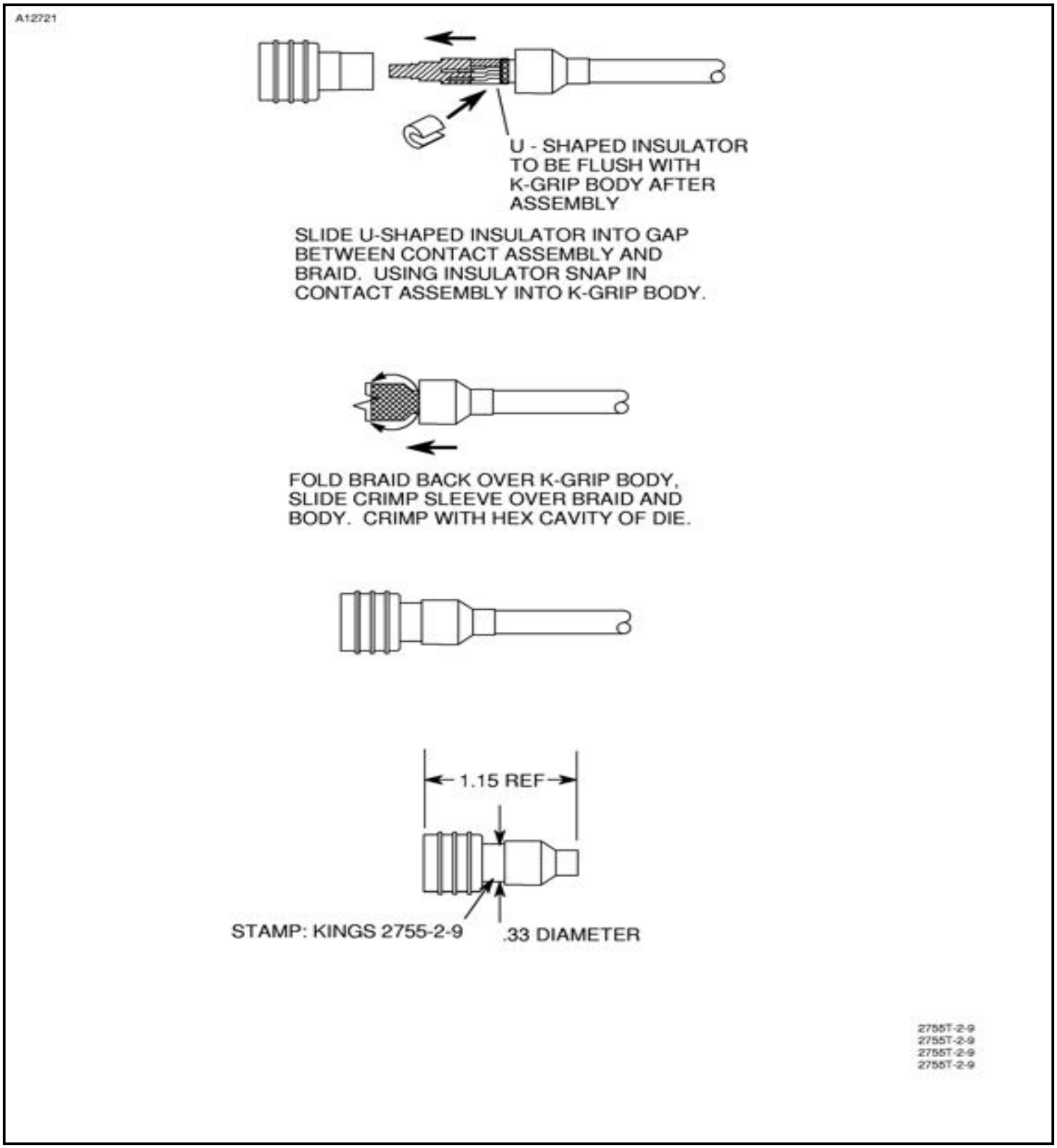


PLACE APPROPRIATE CRIMP DIE INTO CRIMPING TOOL. PUSH DOWN ON LEVER TO OPEN CLAMP. INSERT CONTACT ASSEMBLY, WITH CABLE CONDUCTORS IN PLACE, AGAINST THE ROUND DIE CAVITY SHOULDER. LINE UP CENTER CONTACT CRIMPING PINS WITH CLEARANCE HOLES (MAKE SURE THAT THE CONDUCTOR INSERTED IN THE CONTACT BODY IS IN LINE WITH THE CONTACT BODY PIN.) RELEASE THE CLAMP LEVER, LOCKING CONTACT ASSEMBLY IN PLACE AND CRIMP CAREFULLY.

2755T-2-9
2755T-2-9

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 204 : Sheet 5 : 2755-2-9 King K-Grip Connectors



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

SPLICES AND TERMINALS - MAINTENANCE PRACTICES

1. General

A. This section contains information for replacement of splices and terminals.

B. The splices covered are of two types: one a permanent crimp-type splice that must be destroyed to separate the wires, the other a quick-disconnect that can be connected and disconnected repeatedly.

C. The terminals covered are crimp-type in straight and flag type.

D. All wire sizes referenced are American Wire Gauge (AWG).

2. Splices - Quick Disconnect Non-environmental

A. Refer to Table 201 for splice part numbers.

B. For installation, use WT110M crimp tool available through Thomas and Betts

Table 201. Quick Disconnect Non-environmental Splices

WIRE SIZE	PART NUMBER
22 Thru 18	S341-2
16 Thru 14	S341-1

3. Splices - Permanent Non-environmental

A. Permanent crimp non-environmental splices may be used on various wire sizes or combinations of wires. Refer to table 203 for splice wire size information.

B. The crimp tools listed in Table 202 or their equivalent are required to install these splices. All crimp tools listed are available through AMP Inc. V00779.

NOTE: The splice crimping tool has an insulation crimping adjustment set to 1, 2, 3 or 4 depending on the thickness of insulation. The splice should have a firm crimp on the insulation without damage.

Table 202. Tools for Permanent Crimp Non-environmental Splices

AWG	SPLICE	CRIMPING TOOL
22-16	320559	59250
14-16	320562	59250
10-12	320570	59239-4
22-16	S1370-1	59250
14-16	S1370-2	59250
10-12	S1370-3	59239-4

Table 203. Permanent Non-environmental Splices

S1370-1 or 320559 *		S1370-2 or 320562 *		S1370-3 or 320570 *	
RED		BLUE		YELLOW	
WIRE SIZE 22 THRU 16		WIRE SIZE 16 AND 14		WIRE SIZE 12 AND 10	
NUMBER OF WIRES	WIRE SIZE	NUMBER OF WIRES	WIRE SIZE	NUMBER OF WIRES	WIRE SIZE
1	22	1	16	1	14
1	20	1	14	1	12
2	22	2	20	1	10
2	20	1	20 and 18	2	14
3	22	2	18	1	14 and 12
		2	16	2	12
		3	20		

* AMP Inc. V00779

4. Splices - High Temperature

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

A. Refer to Table 204 for splice part numbers and crimp tool information.

Table 204. High Temperature Splices

WIRE SIZE	PART NUMBER *	CRIMP TOOL
22 Thru 20	330377-1	69710-1 Handle 69327 Crimp Head
18 Thru 16	330378-1	69710-1 Handle 69328 Crimp Head

* AMP Inc. V00779

5. Splices - Quick Disconnect Environmental

A. Table 205 contains contact information and installation tools for use with quick disconnect environmental resistant splices.

Table 205. Quick Disconnect Environmental Resistant Splices

TSE12-01 (2 wire disconnect splice)		
Contact (wire sizes 12 and 14)	1841-1-5612	Deutsch Co. V11139
Crimping Tool	MS3191	Commercially Available
Insertion/Removal Tool	M15570-12	Deutsch Co. V11139
TSE16-01 (2 wire disconnect splice)		
Contact (wire sizes 16, 18, 20)	1841-1-5616	Deutsch Co. V11139
Crimping Tool	MS3191	Commercially Available
Insertion/Removal Tool	M15570-16	Deutsch Co. V11139
M81714/65-20-1 replaces TSE20-01 (2 wire disconnect splice)		
Contact (wire sizes 20, 22, 24)	M39029/22-192	Deutsch Co. V11139
Crimping Tool	MS3191	Commercially Available
Insertion/Removal Tool	M15570-20	Deutsch Co. V11139
TSE22-01 (2 wire disconnect splice)		
Contact (wire sizes 22 and 24)	100060-56	Deutsch Co. V11139
Crimping Tool	MS3191	Commercially Available
Insertion/Removal Tool	M15570-22-1	Deutsch Co. V11139
CTL-12 (2 wire disconnect splice) and CTM-12 (4 Wire disconnect splice)		
Contact (wire sizes 12 and 14)	CTS-S12/12	Deutsch Co. V11139
	AFLC-8027520-2-1	Commercially Available
Crimping Tool	M22520/1-01	Commercially Available
Positioner	TP405	Commercially Available
Insertion/Removal Tool	M15570-12	Commercially Available
	81515-12	
Sealing Plug for unused holes	M81511/39-12	Commercially Available
DME-12 and DME12B		
Contact (wire size 12)	M39029/22-605	DME Electronics
Crimping Tool	M22520/7-01	Commercially Available
Positioner	M22520/7-11	Commercially Available
Insertion/Removal Tool	M81969/14-04	Commercially Available
DME-16 and DME16B		
Contact (wire size 16)	M39029/22-193	DME Electronics

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Crimping Tool	M22520/7-01	Commercially Available
Positioner	M22520/7-11	Commercially Available
Insertion/Removal	M81969/14-03	Commercially Available
M81714/65-20-1 replaces DME-20 and DME20B		
Contact 20 AWG	M39029/22-192	DME Electronics
Crimping Tool	M22520/7-01	Commercially Available
Positioner	M22520/7-11	Commercially Available
Insertion/Removal Tool 20 AWG	M81969/14-11	Commercially Available
DME-22 and DME22B		
Contact (wire sizes 22 and 24)	M39029/22-191	DME Electronics
Crimping Tool	M22520/7-01	Commercially Available
Positioner	M22520/7-11	Commercially Available
Insertion/Removal Tool	M81969/14-01	Commercially Available
CTL-16 (2 wire disconnect splice) and CTM-16 (4 Wire disconnect splice)		
Contact (wire sizes 16 and 20)	CTS-S16/16	Deutsch Co. V11139
	M39029/22-193	Commercially Available
Crimping Tool	M22520/7-01	Commercially Available
Positioner	M22520/7-13	Commercially Available
Insertion/Removal Tool	M83723/31-16	Commercially Available
	M15570-16	Deutsch Co. V11139
Sealing Plug for unused holes	M81511/39-16	Commercially Available
CTL-20 (2 wire disconnect splice) and CTM-20 (4 Wire disconnect splice)		
Contact (wire sizes 20 and 24)	CTS-S20/20	Deutsch Co. V11139
	M39029/22-192	Commercially Available
Crimping Tool	M22520/7-01	Commercially Available
Positioner	M22520/7-12	Commercially Available
Insertion/Removal Tool	M83723/31-20	Commercially Available
	M15570-20	Deutsch Co. V11139
Sealing Plug for unused holes	M81511/39-20	Commercially Available
CTL-22 (2 wire disconnect splice) and CTM-22 (4 Wire disconnect splice)		
Contact (wire sizes 22 and 24)	CTS-S22/22	Deutsch Co. V11139
	M39029/22-191	Commercially Available
Crimping Tool	M22520/7-01	Commercially Available
Positioner	M22520/7-11	Commercially Available
Insertion/Removal Tool	M15570-22-1	Commercially Available
	81515-23	Deutsch Co. V11139
Sealing Plug for unused holes	8027520-2-2	Deutsch Co. V11139
M81714/12-20B2 Double Splice		
Contact (wire sizes 20 and 24)	M39029/1-101	Commercially Available
Crimping Tool	M22520/1-01	Commercially Available
Positioner	M22520/1-02	Commercially Available

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Insertion/Removal Tool	M81969/14-02	Commercially Available

6. Splices - Permanent Crimp, Environmental Resistant Splices

A. Permanent crimp environmental resistant splices may be used on various wire sizes or combinations of wires. Refer to Table 207 for splice wire size information.

B. Tools used with permanent crimp environmental resistant splices.

NOTE: The following tools (or equivalent) are required.

(1) Heat gun part number CV5700 and reflector part number MG7 are available through Raychem Corp. V06090.

(2) For crimp tool information refer to Table 206.

Table 206. Permanent Crimp Environmental Resistant Splice Installation Tools

M81824/1-1, M81824/1-2, D436-36, D436-37, D436-52, D436-110

CRIMP TOOL	DIE	MANUFACTURER
M22520/5-01	M22520/5-103	Commercially Available
M22520/10-01	M22520/10-104	Commercially Available
AD1377	none	Raychem Corp. V06090

M81824/1-3, D436-38, D436-53

CRIMP TOOL	DIE	MANUFACTURER
M22520/5-01	M22520/5-102	Commercially Available
M22520/10-01	M22520/10-103	Commercially Available
AD1377	none	Raychem Corp. V06090

C. Installation of permanent crimp environmental resistant splices.

(1) MIL-S-81824 Type Splices.

(a) Slide the insulating/sealing sleeve onto the wire(s) that will be located at one end of the sleeve.

(b) Strip 0.312 to 0.343 of insulation from the wires.

(c) Insert the wires into crimp barrel and crimp with crimp tool.

(d) Slide the insulating/sealing sleeve to center the crimp barrel between the sealing rings.

(e) Using a heat gun, shrink the insulating/sealing sleeve over the crimp barrel and wires. Continue to heat the ends of the sealing sleeve until the meltable inserts flow from the ends of the sleeve.

(2) 3-Wire Guide Type Splices Sealing Insert.

(a) Slide the insulating/sealing sleeve onto the wires that will be located on the 3-wire guide end of splice, maximum of 2 wires in each hole in wire guide.

(b) Repeat Steps 6.C.1 (b) through (e) for MIL-S-81824 type splices.

Table 207. Permanent Crimp Environmental Resistant Splices

WIRE END 1		SPLICE * PART NUMBER	APPROVED TO MIL. SPEC. PART NUMBER	WIRE END 2	
NUMBER OF WIRES	**WIRE SIZE**	**SINGLE WIRE SPLICING**		**NUMBER OF WIRES**	**WIRE SIZE**
1	24	D436-36 RED	M81824/1-1	1	24
1	22	D436-36 RED	M81824/1-1	1	22
1	20	D436-36 RED	M81824/1-1	1	20
1	18	D436-37 BLUE	M81824/1-2	1	18
1	16	D436-37 BLUE	M81824/1-2	1	16
1	14	D436-38 YELLOW	M81824/1-3	1	14
1	12	D436-38 YELLOW	M81824/1-3	1	12
NUMBER OF WIRES	**WIRE SIZE**	**MULTIPLE WIRE SPLICING**		**NUMBER OF WIRES**	**WIRE SIZE**
2	24	D436-36 RED	M81824/1-1	1	22
2	24	D436-36 RED	M81824/1-1	1	24

* Raychem Corp. V06090

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

WIRE END 1		SPLICE * PART NUMBER	APPROVED TO MIL. SPEC. PART NUMBER	WIRE END 2	
2	22	D436-36 RED	M81824/1-1	1	22
2	22	D436-36 RED	M81824/1-1	1	20
2	22	D436-36 RED	M81824/1-1	2	22
2	20	D436-37 BLUE	M81824/1-2	1	20
2	20	D436-37 BLUE	M81824/1-2	1	18
2	20	D436-37 BLUE	M81824/1-2	2	20
1	18 and 20	D436-38 YELLOW	M81824/1-3	1	18 and 20
2	18	D436-38 YELLOW	M81824/1-3	1	16
2	18	D436-38 YELLOW	M81824/1-3	2	20
2	18	D436-38 YELLOW	M81824/1-3	2	18
2	18	D436-38 YELLOW	M81824/1-3	1	18
2	16	D436-38 YELLOW	M81824/1-3	2	18
2	16	D436-38 YELLOW	M81824/1-3	2	16
2	16	D436-38 YELLOW	M81824/1-3	1	16
2	16	D436-38 YELLOW	M81824/1-3	1	14
3	24	D436-0110 RED		1	24
3	24	D436-0110 RED		2	24
3	24	D436-0110 RED		2	22
3	22	D436-52 BLUE		1	22 and 20
3	22	D436-52 BLUE		2	20
3	22	D436-52 BLUE		2	22
3	20	D436-53 YELLOW		2	20
3	20	D436-53 YELLOW		2	18
2	20 and 18	D436-53 YELLOW		2	20
3	18	D436-53 YELLOW		1	18
3	18	D436-53 YELLOW		2	18
* Raychem Corp. V06090					

D. Combinations of wire splicing not shown in Table 207, may be determined by the following procedure:

(1) Calculate the Circular Mil Area (CMA) for each end of the splice. Refer to Table 208.

EXAMPLE: Splicing three AWG 22 wires to one AWG 16 wire:

Wire End 1 **Wire End 2**

CMA = 3 X 754 = 2262 **CMA = 2426**

Table 208. CMA (Circular Mill Area) Of Common Conductors

WIRE SIZE (AWG)	24	22	20	18	16	14	12
STRANDS	19	19	19	19	19	19	37
CMA	475	754	1216	1900	2426	3831	5874

(2) Determine, from Table 209, which splice part numbers will accommodate the CMA and the number of wires of End 1. Note that a maximum of two wires can be sealed in any one hole in a sealing insert. (In the chart, refer to the MAXIMUM NUMBERS OF WIRES, END 1 and END 2 columns, and CMA RANGE OF BARREL, MINIMUM and MAXIMUM columns)

Example: Three AWG 22 wires

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

2262 CMA
Possible splices include Part Numbers
D436-52 and D436-53

(3) Determine which part numbers will accommodate the CMA and the number of wires of End 2.

Example: One AWG 16 wire
2426 CMA
Possible splices include Part Numbers
D436-52 and D436-53

(4) Select the part number for the smallest splice that will accommodate both ends.

Example: D436-52 for three AWG 22 to one AWG 16.

Table 209. CMA (Circular Mill Area) Limits of Splices

SPLICE		CMA RANGE OF BARREL		MAXIMUM NUMBER OF WIRES	
PART NUMBER	**COLOR**	**MINIMUM**	**MAXIMUM**	**END 1**	**END 2**
D436-36	RED	304	1510	2	2
D436-37	BLUE	779	2680	2	2
D436-38	YELLOW	1900	6755	2	2
D436-0110	RED	304	1510	6 *	2
D436-52	BLUE	779	2680	6 *	2
D436-53	YELLOW	1900	6755	6 *	2

* Maximum number of 2 wires per hole in a 3 wire guide sealing insert.

7. Environment Resistant Splices for Shielded Cable

A. Refer to Table 210 for splice information.

B. Tools used with permanent crimp environmental resistant splices.

NOTE: The following tools are (or equivalent) are required.

(1) Heat gun part number CV5000 and reflector part number TG135 are available through Raychem Corp.. V06090

(2) Crimp tool part number AD1377 is available through Raychem Corp.. V06090

C. Installation of environment resistant splices for shielded cable

NOTE: The braided solder sleeve, splice sleeve and crimp barrel referred to in the following instructions are all part of the D150-01XX kit. Refer to Table 210.

(1) Cut shielded cable at area to be spliced.

(2) Slide braided solder sleeve over one end of the cable.

(3) Remove cable jacket and shield.

(a) For single conductor shielded cable, remove cable jacket and shield 0.700 inches from both ends of the cable.

(b) For multiconductor shielded cable, remove cable jacket and shield 1.825 inches from both ends of the cable.

(4) Remove cable jacket so as to expose 0.375 inches of shield on both ends of the cable.

(5) Splice wires. Accomplish the following instructions for each wire in the cable.

(a) For multiconductor shielded cable, cut each wire 0.675 inches from the end of the shield at one end of the cable. Stagger wire cuts as follows;

For 2 conductor cable, cut one wire at one end of the cable and the second wire at the opposite end of the cable.
For 3 conductor cable, cut two wires at one end of the cable and the third wire at the opposite end of the cable.

(b) Strip insulation 0.275 inches from both ends of the wire.

(c) Slide the splice sleeve onto one end of the wire.

(d) Insert both ends of the wire into the crimp barrel and crimp.

(e) Center the splice sleeve over the crimp barrel and apply heat until the sealing rings melt and flow along the wire.

(6) Install braided solder sleeve.

(a) Slide the braided solder sleeve over the wire splice(s).

(b) Starting at the center of the braided solder sleeve and working toward the ends, apply heat until the solder melts and the insulating sleeve shrinks.

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

(c) Apply sufficient heat to the area of the cable shield to ensure a good solder joint between the braided solder sleeve and the cable shield.
(d) Apply heat to the ends of the braided solder sleeve until rings melt and flow along the cable jacket.
(e) After installing the braided solder sleeve, the braided solder sleeve must not be cut or split. Shield strands must not extend through the braided solder sleeve.

Table 210. Environmental Resistant Shielded Cable Splices

NUMBER OF CONDUCTORS	WIRE SIZE (AWG)	PART NUMBER *
1 (Shielded Single)	20 - 26	D150-0168
	16 - 20	D150-0169
	12 - 16	D150-0170
2 (Shielded Pair)	20 - 26	D150-0174
	16 - 18	D150-0175
	14	D150-0176
	12	D150-0177
3 (Shielded Triple)	24 - 26	D150-0178
	20 - 22	D150-0179
	16 - 18	D150-0180
	12 - 14	D150-0181
* Raychem Corp. V06090		

8. Terminals - General

A. The crimped impression shall be centered on the portion of the barrel intended to grip the conductor.
B. The wire shall be inserted into the barrel the full length of the barrel.
C. The wire shall not protrude beyond the end of the barrel more than 0.05 inch and shall not interfere with installation of washers, nuts, or screws.
D. The following terminals are used on the engine starter/generator: For 16 gage wires used on starter/generator terminals A and D, use MS20659-104. For 16 and 20 gage wires used on starter/generator terminal E, use AMP 50848 (both wires are inserted into one terminal).

9. Standard Insulated Terminals

A. On standard insulated terminals, the insulation shall be fully within the insulation grip.
B. Refer to Table 211 for standard insulated terminal information.

Table 211. Standard Insulated Terminals

WIRE SIZE (AWG)	COLOR	STUD SIZE	PART NUMBER
22-18	RED	4	MS25036-148
22-18	RED	6	MS25036-102
22-18	RED	8	MS25036-149
22-18	RED	10	MS25036-103
22-18	RED	1/4	MS25036-150
22-18	RED	5/16	MS25036-104
22-18	RED	3/8	MS25036-105
16-14	BLUE	4	MS25036-152
16-14	BLUE	6	MS25036-106
16-14	BLUE	6	MS25036-107
16-14	BLUE	8	MS25036-153
16-14	BLUE	10	MS25036-108
16-14	BLUE	1/4	MS25036-154

* AMP Inc. V00779

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

WIRE SIZE (AWG)	COLOR	STUD SIZE	PART NUMBER
16-14	BLUE	5/16	MS25036-109
16-14	BLUE	3/8	MS25036-110
12-10	YELLOW	6	MS25036-111
12-10	YELLOW	8	MS25036-156
12-10	YELLOW	10	MS25036-112
12-10	YELLOW	1/4	MS25036-157
12-10	YELLOW	5/16	MS25036-113
12-10	YELLOW	3/8	MS25036-114
8	RED	10	MS25036-115
8	RED	1/4	MS25036-116
8	RED	5/16	MS25036-117
8	RED	3/8	MS25036-118
6	BLUE	10	MS25036-119
6	BLUE	1/4	MS25036-120
6	BLUE	5/16	MS25036-121
6	BLUE	3/8	MS25036-122
4	YELLOW	10	323052 *
4	YELLOW	1/4	MS25036-123
4	YELLOW	5/16	MS25036-124
4	YELLOW	3/8	MS25036-125
2	RED	1/4	MS25036-126
2	RED	5/16	2-328942-1 *
2	RED	3/8	MS25036-127

* AMP Inc. V00779

10. Insulation Restricting Terminals

A. On insulation restricting terminals, the insulation shall be bottomed-out against the restrictor fully within the insulation grip.

B. Refer to Table 212 for insulation restricting terminal information.

Table 212. Insulation Restricting Terminals

WIRE SIZE (AWG)	INSULATING SLEEVE COLOR	IDENT COLOR CODE	STUD SIZE	LOOSE PIECE * PART NUMBER
22	RED	GREEN	4	52273
22	RED	GREEN	6	51863-2
22	RED	GREEN	8	1-320551-2
22	RED	GREEN	10	2-36153-3
22	RED	GREEN	1/4	2-320571-3
22	RED	GREEN	5/16	2-320572-2
22	RED	GREEN	3/8	2-320573-1
20	RED	RED	4	52273-1
20	RED	RED	6	51863-3
20	RED	RED	8	1-320551-3

* AMP Inc. V00779

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

WIRE SIZE (AWG)	INSULATING SLEEVE COLOR	IDENT COLOR CODE	STUD SIZE	LOOSE PIECE * PART NUMBER
20	RED	RED	10	2-36153-4
20	RED	RED	1/4	2-320571-4
20	RED	RED	5/16	2-320572-3
20	RED	RED	3/8	2-320573-2
18	RED	WHITE	4	52273-2
18	RED	WHITE	6	51863-4
18	RED	WHITE	8	1-320551-4
18	RED	WHITE	10	2-36153-5
18	RED	WHITE	1/4	2-320571-5
18	RED	WHITE	5/16	2-320572-4
18	RED	WHITE	3/8	2-320573-3
16	BLUE	BLUE	6	51864-6
16	BLUE	BLUE	8	1-51864-0
16	BLUE	BLUE	10	51864-7
16	BLUE	BLUE	1/4	2-320563-3
16	BLUE	BLUE	5/16	2-320575-2
16	BLUE	BLUE	3/8	2-320564-1
14	BLUE	GREEN	6	51864-8
14	BLUE	GREEN	8	1-51864-1
14	BLUE	GREEN	10	51864-9
14	BLUE	GREEN	1/4	2-320563-4
14	BLUE	GREEN	5/16	2-320575-3
14	BLUE	GREEN	3/8	2-320564-2
12	YELLOW	YELLOW	6	2-36161-5
12	YELLOW	YELLOW	8	2-320568-2
12	YELLOW	YELLOW	10	2-36161-3
12	YELLOW	YELLOW	1/4	2-320569-5
12	YELLOW	YELLOW	5/16	2-320576-2
12	YELLOW	YELLOW	3/8	2-320577-1
10	YELLOW	BROWN	6	2-36161-6
10	YELLOW	BROWN	8	2-320568-3
10	YELLOW	BROWN	10	2-36161-4
10	YELLOW	BROWN	1/4	2-320569-6
10	YELLOW	BROWN	5/16	2-320576-3
10	YELLOW	BROWN	3/8	2-320577-2

* AMP Inc. V00779

11. Flag Terminals

A. For standard flag terminals refer to Table 213. For terminals used on fuel quantity probes in the fuel cell refer to Table 214.

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Table 213. Standard Flag Terminals

WIRE SIZE (AWG)	STUD SIZE	PART NUMBER
8	8	MS25189-1
8	10	MS25189-2
8	1/4	MS25189-3
8	5/16	MS25189-4
8	3/8	MS25189-5
8	1/2	MS25189-6
6	10	MS25189-7
6	1/4	MS25189-8
6	5/16	MS25189-9
6	3/8	MS25189-10
6	1/2	MS25189-11
4	10	MS25189-12
4	1/4	MS25189-13
4	5/16	MS25189-14
4	3/8	MS25189-15
4	1/2	MS25189-16
2	10	MS25189-17
2	1/4	MS25189-18
2	5/16	MS25189-19
2	3/8	MS25189-20
2	7/16	MS25189-21
2	1/2	MS25189-22

NOTE: The flag terminals listed in Table 214 are for use in fuel cells.

Table 214. Fuel Quantity Probe Flag Terminals

NAME	PART NUMBER	MANUFACTURER
#6 Terminal	36195	AMP Inc. V00779
#8 Terminal	34117	AMP Inc. V00779
#10 Terminal	34118	AMP Inc. V00779
Crimper	WT111M	Thomas and Betts
#6 Terminal	AB51	Thomas and Betts
#8 Terminal	AB52	Thomas and Betts
#10 Terminal	AB53	Thomas and Betts

12. CHECKING TERMINALS AND SPLICES

A. Electrical Resistance.

(1) Properly installed terminals and splices shall offer no more resistance across the terminal than an equivalent length of wire of the same gage to which the terminal is attached.

B. Tension Load Testing.

(1) To test crimping tools used for installing terminals and splices, a sample wire and terminal or splice should withstand the tension loads in Table 215.

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

CAUTION: TENSION LOADS ARE FOR A TEST SAMPLE. DO NOT PERFORM TENSION LOAD TEST ON WIRING INSTALLED IN AN AIRPLANE.

Table 215. Minimum Tension Load for Installed Terminals and Splices

ALUMINUM WIRE AND TERMINALS

WIRE SIZE	**8**	**6**	**4**	**2**	**1**	**0**	**00**	**000**	**0000**
LOAD IN POUNDS	130	200	300	500	700	900	1100	1300	1500

OTHER TYPE WIRE AND TERMINALS

WIRE SIZE	**24**	**22**	**20**	**18**	**16**	**14**	**12**	**10**	**8**	**6**	**4**	**2**	**0**
LOAD IN POUNDS	10	15	19	38	50	70	110	15	220	300	400	550	700

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

HEAT SHRINKABLE TUBING - MAINTENANCE PRACTICES

1. General

A. Heat shrink tubing may be used to cover splices, terminals and short sections of wire where the insulation has been damaged.
B. Some types of shrink tubing are coated inside with sealant, which melts when the tube shrinks, to provide moisture resistant seal to prevent corrosion.
C. Heat shrink tubing shrinks to approximately one-half diameter when heated to approximately 250°F for a few seconds.

2. Tools and Equipment

A. A heat gun part number CV5600 (or equivalent) is required and is available through Raychem Corp. V06090

3. Use of Shrink Tubing

A. Place shrink tubing on wire away from splice or terminal area.
B. Install splice or terminal in normal way.
C. Slide shrink tubing over splice or terminal as required.
D. Heat shrink tubing with heat gun until tubing has shrunk firmly around splice or terminal.

CAUTION: PROTECT ADJACENT AREAS FROM HEAT AS HEAT GUN PRODUCES IN EXCESS OF 250°F AIRFLOW.

4. Heat Shrink tubing

A. Heat shrink tubing with sealant is available through AMP Inc.. V00779

Part number 54081-1 can be used for wire diameters of 0.18 thru 0.3 inches.
Part number 54021-1 can be used for wire diameters of 0.26 thru 0.6 inches.

B. Heat Shrink tubing without sealant (Mil-I-23053/5) is available through Raychem Corp. V06090Class 1 tubing is flame resistant and class 3 tubing is highly flame resistant. Refer to Table 201 to determine the correct base part number, then refer to Table 202 to determine the correct color code.

Table 201. Class 1 and Class 3 Tubing

PART NUMBER	AS SUPPLIED ID MINIMUM	ID MAXIMUM (AFTER SHRINKAGE)
Class 1		
M23053/5-101-*	0.046	0.023
M23053/5-102-*	0.063	0.031
M23053/5-103-*	0.093	0.046
M23053/5-104-*	0.125	0.062
M23053/5-105-*	0.187	0.093
M23053/5-106-*	0.250	0.125
M23053/5-107-*	0.375	0.187
M23053/5-108-*	0.500	0.250
M23053/5-109-*	0.750	0.375
M23053/5-110-*	1.000	0.500
M23053/5-111-*	1.500	0.750
M23053/5-112-*	2.000	1.000
M23053/5-113-*	3.000	1.500
M23053/5-114-*	4.000	2.000
Class 3		
M23053/5-301-*	0.046	0.023
M23053/5-302-*	0.063	0.031
M23053/5-303-*	0.093	0.046
M23053/5-304-*	0.125	0.062

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

PART NUMBER	AS SUPPLIED ID MINIMUM	ID MAXIMUM (AFTER SHRINKAGE)
M23053/5-305-*	0.187	0.093
M23053/5-306-*	0.250	0.125
M23053/5-307-*	0.375	0.187
M23053/5-308-*	0.500	0.250
M23053/5-309-*	0.750	0.375
M23053/5-310-*	1.000	0.500
M23053/5-311-*	1.500	0.750

* The asterisk in the part number shall be replaced by color code designations.

Table 202. Color for Class 1 and 3 Tubing

Designator	Color	Designator	Color
0	Black	5	Green
1	Brown	6	Blue
2	Red	7	Violet (Purple)
3	Orange	8	Gray (Slate)
4	Yellow	9	White

5. End Caps

A. End caps should be used to terminate a wire or coax cable when not in use. Table 203 lists part numbers for end caps available through Raychem Corp. V06090

Table 203. End Caps

SIZE	PART NUMBER
0.75 long	TC4001
1.0 long	TC4003
1.125 long	TC4005

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

RESISTORS - MAINTENANCE PRACTICES

1. General

A. This section provides a chart for determining the value of resistors, and shows some typical part numbers and how to determine the value from the part number.

B. When a resistor burns out, the cause frequently will be a malfunction in some other part of the circuit. Check for shorted wires or other malfunction that could cause excessive current.

C. Color codes for resistors. Refer to Figure 201.

D. Part number value guide.

(1) CM3527 is 0.5 watt. CM3526 is 1 watt. These are Cessna engineering standards which are followed by a dash number for the complete part number.

(a) The first number after the dash is the first digit.

(b) The second number after the dash is the second digit.

(c) The third number after the dash is the number of zeros.

(d) The fourth letter is the tolerance: G = plus or minus 5 percent S = plus or minus 10 percent.

EXAMPLE: CM3527-430G is 43 ohms, one-half watt, plus or minus 5 percent.

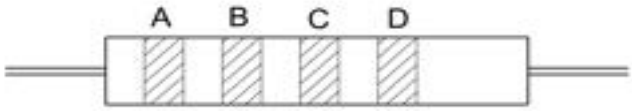
(e) For values less than 10 ohms, R is used in place of the second number and represents a decimal for the value.

Example: CM3527- 2R7G is 2.7 ohms, one-half watt, plus or minus 5 percent.

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 201 : Sheet 1 : Resistor Part Numbers

A4043



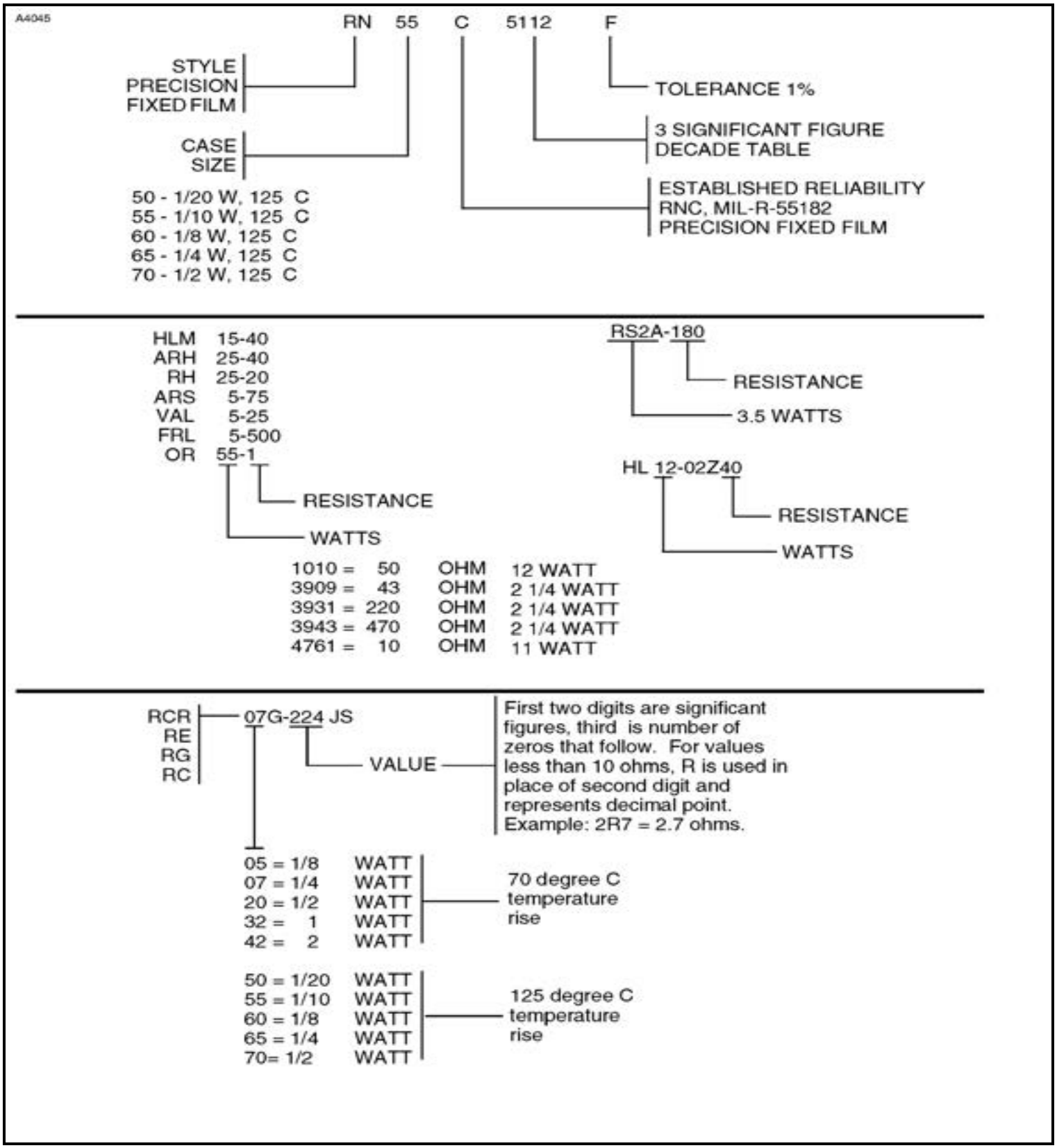
Resistor Color Code Application Table

COLOR	FIRST DIGIT A	SECOND DIGIT B	MULTIPLER C	TOLERANCE D
BLACK	0	0	1	
BROWN	1	1	10	
RED	2	2	100	
ORANGE	3	3	1,000	
YELLOW	4	4	10,000	
GREEN	5	5	100,000	
BLUE	6	6	1,000,000	
VIOLET	7	7	10,000,000	
GRAY	8	8	100,000,000	
WHITE	9	9	1,000,000,000	
GOLD			0.1	+5, -5 Percent
SILVER			0.01	+10, -10 Percent
NO COLOR				+20, -20 Percent

6218T1375

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 201 : Sheet 2 : Resistor Part Numbers



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

TORQUE VALUES FOR THREADED FASTENER - MAINTENANCE PRACTICES

1. General

A. These torque values are for electrical current carrying fasteners.
B. Threads should be free of dust, metal filings and other material.
C. Lubricants should not be added to any bolt.

2. Torque Values

A. All threaded electrical current carrying fasteners for relay terminals, shunt terminals, fuse limiter mount block terminals, and bus bar attaching hardware should be torqued per Table 201.

Table 201. Threaded Current Carrying Fasteners

FASTENER DIAMETER	TORQUE IN INCH-POUNDS
3/16	20-30
1/4	40-60
5/16	80-100
3/8	105-125
1/2	130-150

B. All threaded fasteners at airframe ground terminals should be torqued per Table 202.

Table 202. Threaded Ground Fasteners

FASTENER DIAMETER	TORQUE IN INCH-POUNDS
5/16	130-150
3/8	160-190

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

SEALING OF ELECTRICAL CONNECTORS - MAINTENANCE PRACTICES

1. General

A. This section describes procedures for sealing electrical connectors where protection from moisture is required.

2. Tools and Equipment

A. The materials (or equivalent) listed in Table 201 are required.

Table 201. Tools and Equipment

NAME	NUMBER	MANUFACTURER	USE
Sealant	Silastic 738	Dow Corning 3901 S. Saginaw Road Midland, MI 48640	Potting connectors.
Cleaning solvent	Mozel Number 18	Mozel Chemical Prod. Co. 4003 Park Ave. St. Louis, MO 63110	Cleaning.
Cleaning solvent	Methyl n-propyl keytone	Commercially available	Cleaning.
Parting agent	MS-122 fluorocarbon	Miller-Stephenson Chemical Co., Inc. George Washington Highway P.O. Box 950 Danbury, CT 06810	For separation.
Parting agent	Resin- Release-N	General Mills, Inc. 9200 Wayzata Blvd. P.O. Box 1113 Minneapolis, MN 55440	For separation.
Etching supplies	Tetra-Etch	W.L. Gore and Associates 555 Paper Mill Road Newark, DE 19711	For etching.
Cheesecloth, Lint-free		Commercially available	For applying solvent.

3. Cleaning

A. All surfaces to which sealant or primer is to be applied should be cleaned and dried immediately prior to sealant application. Remove all dust, lint, chips and shavings.

B. Cleaning shall be accomplished by scrubbing the surfaces with a brush or cheesecloth moistened with solvent. It is essential that only clean cloths and clean solvent be used in the cleaning operations.

4. Etching

A. All areas of insulation materials which contain fluorine, such as, Teflon or Kevlar, to which sealant is to adhere, should be cleaned per paragraph 3., and then etched in accordance with the manufacturer's instructions and recleaned before sealing.

5. Sealant Application

A. Before application of sealant, check all wires to make sure they are properly attached and in the correct position.

B. After sealant is applied, joints should not be flexed until sealant is tack-free.

(1) At 77°F, sealant will require 20 minutes to be tack-free.

(2) Seventy-two hours is required to cure sealant thickness of one-eighth inch or thicker.

C. Carefully insert the nozzle into the center of the wires. Inject the sealant keeping the nozzle slightly below the surface of the sealant.

(1) The injection shall be done slowly to allow the sealant to flow between the wires as it rises. Entrapped air may be released by vibration or lightly tapping the receptacle on a firm surface.

(2) Do not damage connector contacts.

D. When the nozzle cannot be inserted between the wires because of spacing, insert the nozzle to one side of the wires and as near to the center as possible without forcing.

E. Application continues until the mold is filled.

(1) Backshells should be filled to a minimum height of 0.25 inch above the top of the longest contact or the highest shield termination.

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

(2) Complete filling of backshell is preferred.

F. Entrapment of air within sealants must be avoided in all cases. Air bubbles act as reservoirs for moisture buildup which may lead to short circuits.

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

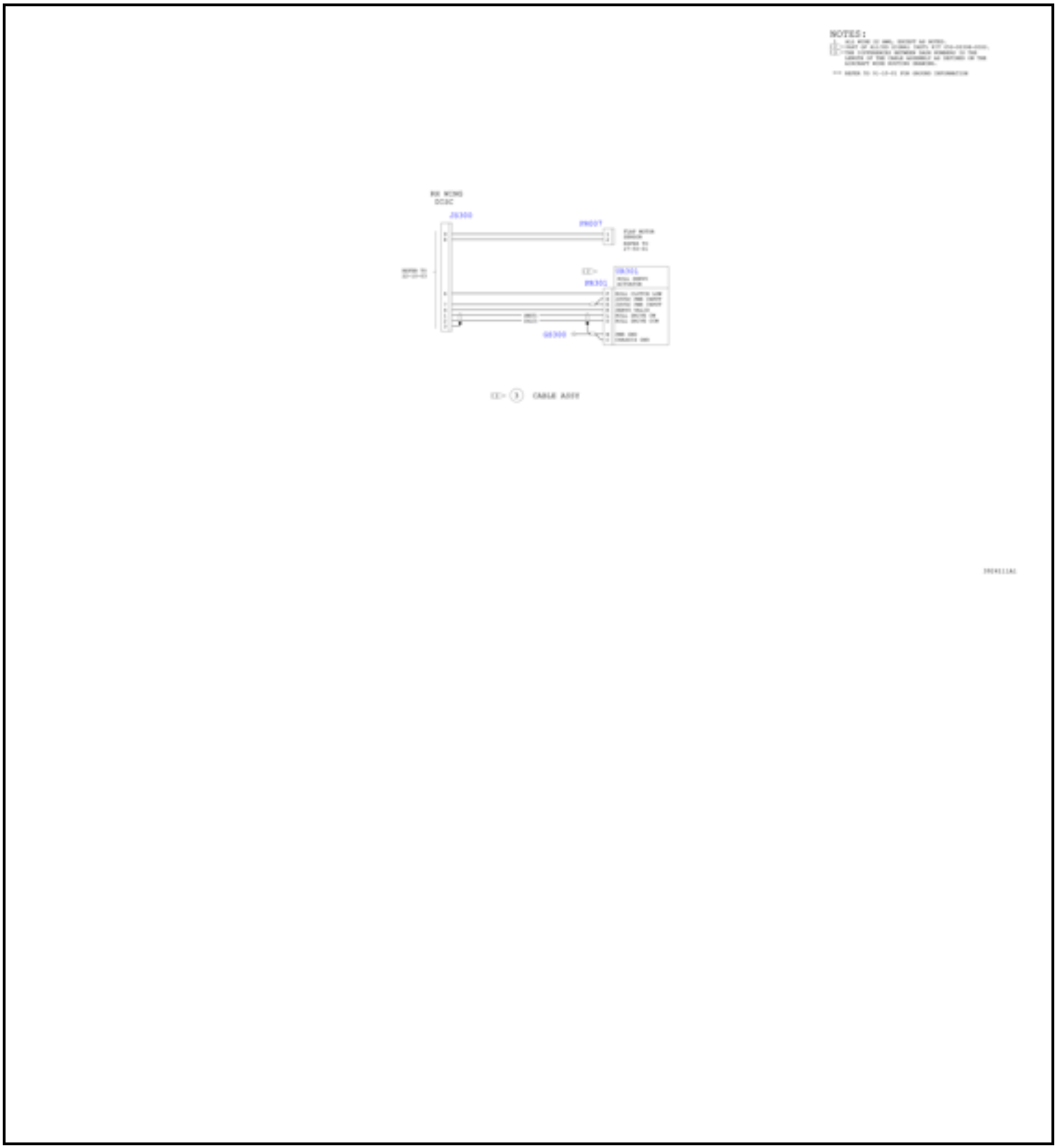
ROLL SERVO ACTUATOR

AIRPLANES (206) 08001 THRU 08138 AND AIRPLANES (T206) 08001 THRU 08259

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GS300	3940359-2	GROUND STUD (ZONE 610)		(206) 08001 - 08138 (T206) 08001 - 08259	01
JS300	S1641-9	CONNECTOR (ZONE 610)		(206) 08001 - 08138 (T206) 08001 - 08259	01
	S1636-1	. CONTACT			06
PR007	S1638-1	PLUG (ZONE 610)		(206) 08001 - 08138 (T206) 08001 - 08259	01
	S1636-1	. CONTACT			01
PR301	050-00398-0000	INSTALLATION KIT (ZONE 610)	V22373	(206) 08001 - 08138 (T206) 08001 - 08259	01
UR301	065-00179-0100	ACTUATOR - ROLL SERVO	V22373	(206) 08001 - 08106 (T206) 08001 - 08179	01
UR301	3910310-10	ACTUATOR - ROLL SERVO	V22373	(206) 08107 & ON (T206) 08180 & ON	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 01 : Sheet 01 : ROLL SERVO ACTUATOR



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

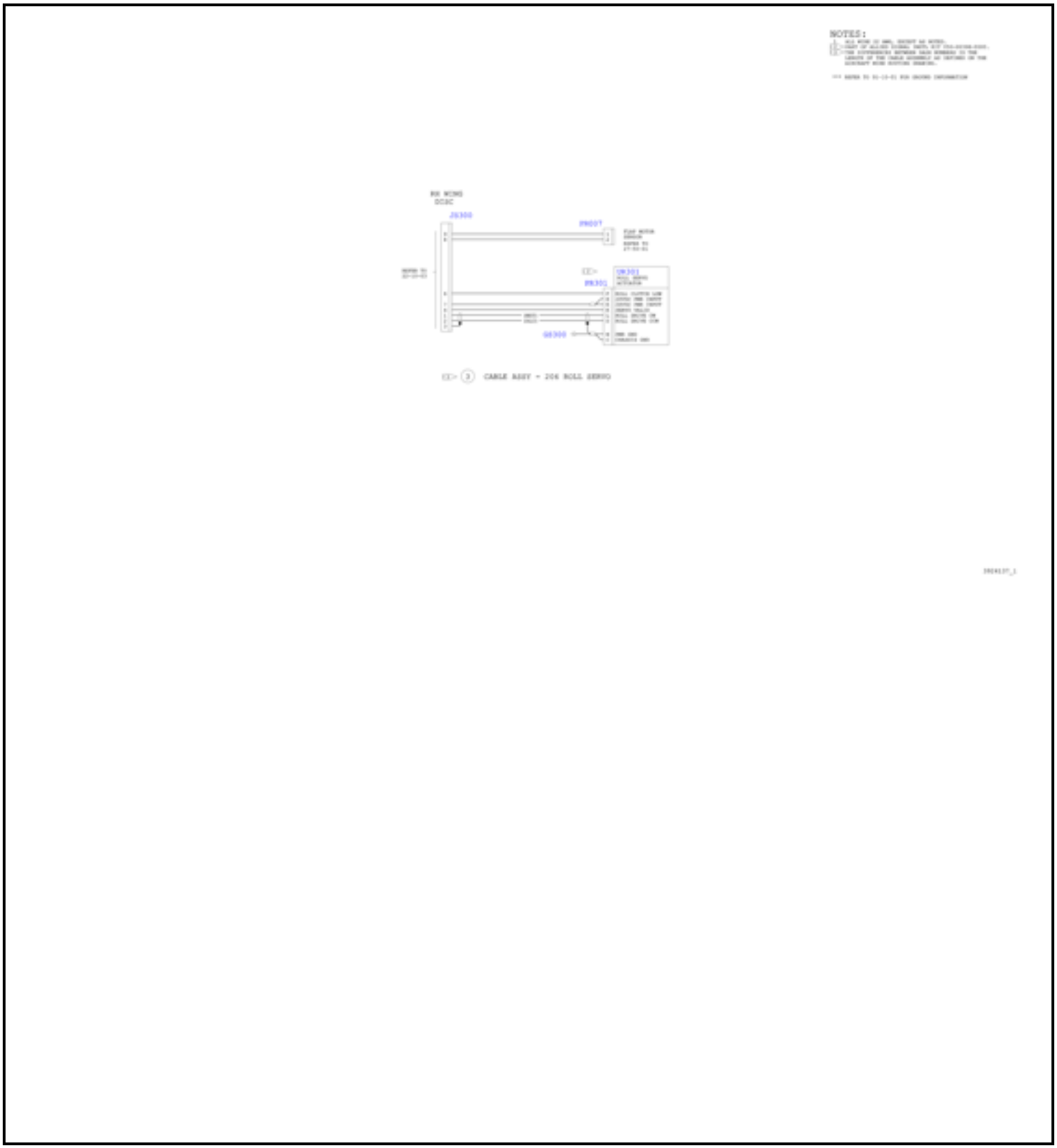
ROLL SERVO ACTUATOR

AIRPLANES (206) 08139 & ON AND AIRPLANES (T206) 08260 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GS300	3940359-2	GROUND STUD (ZONE 610)		(206) 08139 & ON (T206) 08260 & ON	01
JS300	S1641-9	CONNECTOR (ZONE 610)		(206) 08139 & ON (T206) 08260 & ON	01
	S1636-1	. CONTACT			06
PR007	S1638-1	PLUG (ZONE 610)		(206) 08139 & ON (T206) 08260 & ON	01
	S1636-1	. CONTACT			01
PR301	050-00398-0000	INSTALLATION KIT (ZONE 610)	V22373	(206) 08139 & ON (T206) 08260 & ON	01
UR301	3910310-10	ACTUATOR - ROLL SERVO	V22373	(206) 08107 & ON (T206) 08180 & ON	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 02 : Sheet 01 : ROLL SERVO ACTUATOR



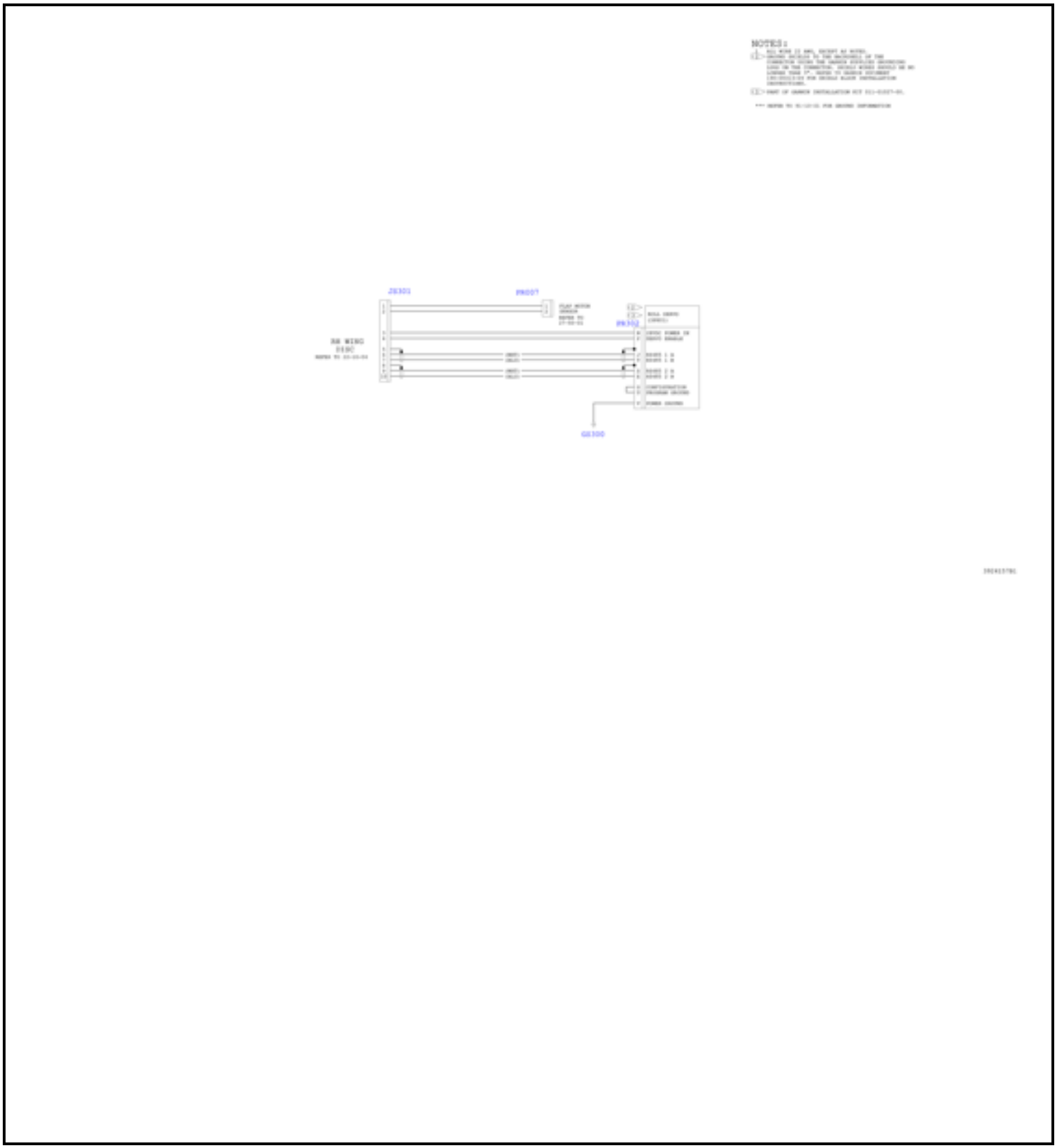
ROLL SERVO ACTUATOR - GFC-700 AUTOPILOT

AIRPLANES (206) 08284 & ON AND AIRPLANES (T206) 08705 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	EFFECTIVITY	UNITS PER ASSY
GS300	3940359-2	GROUND STUD (ZONE 610)	(206) 08284 & ON (T206) 08705 & ON	01
JS301	S1641-12	CONNECTOR (ZONE 610)	(206) 08284 & ON (T206) 08705 & ON	01
	S1636-1	. CONTACT		01
PR007	S1638-1	PLUG (ZONE 610)	(206) 08284 & ON (T206) 08705 & ON	01
	S1636-1	. CONTACT		01
PR302		CONNECTOR		RF

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 03 : Sheet 01 : ROLL SERVO ACTUATOR - GFC-700 AUTOPILOT



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

SINGLE AXIS AUTOPILOT

AIRPLANES (206) 08001 & ON AND AIRPLANES (T206) 08001 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GS301		GROUND STUD - AUTOPILOT COMPUTER (ZONE 225)			RF
JI506	S1641-6	CONNECTOR - PILOT CONTROL WHEEL DISCONNECT (ZONE 222) * AIRPLANES (206) 08001 & ON WITHOUT NON-CANCELLABLE BRAKE MASTER CAUTION WARNING * AIRPLANES (T206) 08001 & ON WITHOUT NON-CANCELLABLE BRAKE MASTER CAUTION WARNING		(206) *08001 & ON (T206) *08001 & ON	02
	S1636-1	. CONTACT			03
JI901	S2350-3	RECEPTACLE - AVIONICS CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08001 & ON (T206) 08001 & ON	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PC007	S1640-9	CONNECTOR - AVIONICS/ELECTRICAL DISCONNECT (ZONE 224)		(206) 08001 & ON (T206) 08001 & ON	01
	S1635-1	. CONTACT	V49367		AR
	S1636-1	. SOCKET			AR
PF902	SK2701	CONNECTOR - GROUND (ZONE 211)	V28198	(206) 08001 & ON (T206) 08001 & ON	01
	FC116N2	. CRIMP CONTACT	V28198		AR
	FC120N2	. CRIMP CONTACT	V28198		AR
PF903	SK2701	CONNECTOR - GROUND (ZONE 221)	V28198	(206) 08001 & ON (T206) 08001 & ON	01
	FC116N2	. CONTACT	V28198	(206) 08215 - 08283 (T206) 08450 - 08704	AR
	FC120N2	. CONTACT	V28198		AR
PI302	YSK006-11AH	CONNECTOR - DIRECTIONAL GYRO (ZONE 220)	V50541	(206) 08001 & ON (T206) 08001 & ON	04
	D01PB406NT-837	. PLUG 4-PIN	V50541		01
PI303	030-01175-0000	CONNECTOR - AUTOPILOT COMPUTER (ZONE 225)	V22373	(206) 08001 & ON (T206) 08001 & ON	01
PI304	030-01176-0000	CONNECTOR - AUTOPILOT COMPUTER (ZONE 225)	V22373	(206) 08001 & ON (T206) 08001 & ON	01
PI305	030-01171-0000	CONNECTOR - CONFIGURATION MODULE	V22373	(206) 08001 & ON (T206) 08001 & ON	01
PI306	033-00230-0000	CONNECTOR - RS232 INTERFACE (ZONE 220)	V22373	(206) 08001 & ON (T206) 08001 & ON	01
PI307	97-4106A14S-5S	CONNECTOR - TURN COORDINATOR (ZONE 220)	V77820	(206) 08001 & ON (T206) 08001 & ON	01
	97-3057-1007-1	. BACKSHELL	V77820		01
	9755-1622S-4	. CONTACT	V77820		01
PI507	030-01176-0001	CONNECTOR - AUDIO PANEL (ZONE 225) * AIRPLANES (206) 08001 THRU 08089 INCORPORATING SB00-24-02	V22373	(206) *08001 - 08089 (T206) 08001 - 08158	01
PI508	030-01176-0001	CONNECTOR - AUDIO PANEL (ZONE 225) * AIRPLANES (206) 08001 THRU 08089 INCORPORATING SB00-24-02	V22373	(206) *08001 - 08089 (T206) 08001 - 08158	01
PS300	050-03245-0000	CONNECTOR - INSTALLATION KIT (ZONE 610)	V22373	(206) 08001 & ON (T206) 08001 & ON	01
	S1635-1	. CONTACT	V49367		AR
	S1640-9	. CONTACT			01
UI302	S3330-2	INDICATOR - DIRECTIONAL GYRO		(206) 08001 & ON (T206) 08001 & ON	01
UI303	065-00176-2602	COMPUTER - SINGLE AXIS AUTOPILOT	V22373	(206) 08001 & ON (T206) 08001 & ON	01
UI304	065-00176-2602	COMPUTER - SINGLE AXIS AUTOPILOT	V22373	(206) 08001 & ON (T206) 08001 & ON	01
UI305	071-00073-5000	MODULE - CONFIGURATION	V22373	(206) 08001 & ON (T206) 08001 & ON	01
UI307	1394T100-10RA	INDICATOR - TURN COORDINATOR FOR SPARES ORDER (MUST REPLACE WITH): S3291-1	V18006	(206) 08001 & ON (T206) 08001 & ON	01
	S3291-1	TURN COORDINATOR		(206) 08001 & ON (T206) 08001 & ON	01
UI508	066-01155-0201	PANEL - AUDIO (ZONE 225)	V22373	(206) 08001 & ON (T206) 08001 & ON	01

SINGLE AXIS AUTOPILOT

AIRPLANES (206) 08001 & ON AND AIRPLANES (T206) 08001 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GS301		GROUND STUD - AUTOPILOT COMPUTER (ZONE 225)			RF
PI303	030-01175-0000	CONNECTOR - AUTOPILOT COMPUTER (ZONE 225)	V22373	(206) 08001 & ON (T206) 08001 & ON	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

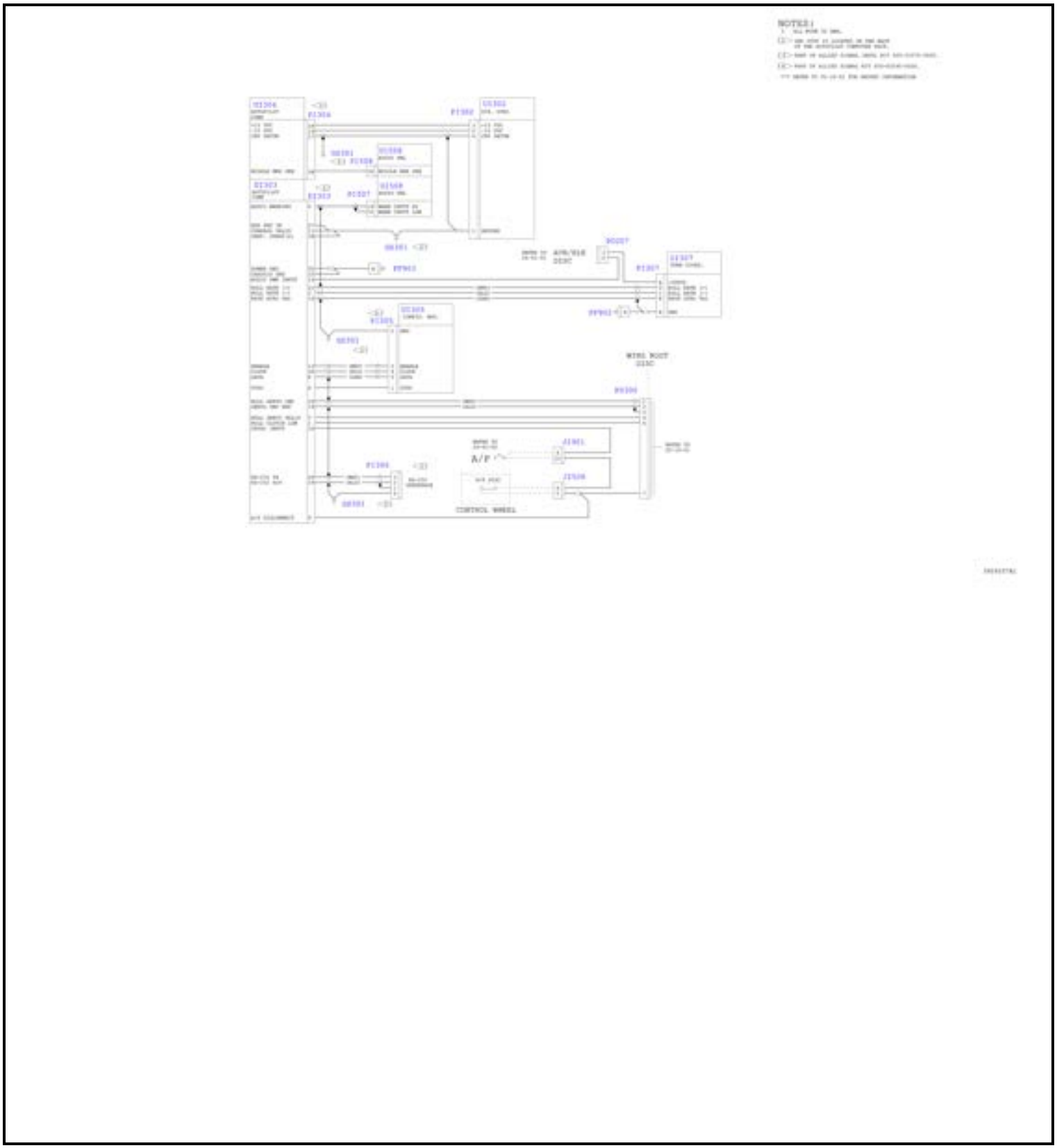
SINGLE AXIS AUTOPILOT

AIRPLANES (206) 08001 & ON AND AIRPLANES (T206) 08001 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
PI304	030-01176-0000	CONNECTOR - AUTOPILOT COMPUTER (ZONE 225)	V22373	(206) 08001 & ON (T206) 08001 & ON	01
PI604	030-01176-0000	CONNECTOR - KI-209A CDI INDICATOR #1 (ZONE 220)	V22373	(206) 08001 & ON (T206) 08001 & ON	01
PI900	S3070-9	CONNECTOR KIT - PANEL LIGHTING (ZONE 225)	V49367	(206) 08001 & ON (T206) 08001 & ON	01
	LMD6106P	. MODULE	V49367		01
	LMS01T-TL	. SPLICE	V49367		01
UI303	065-00176-2602	COMPUTER - SINGLE AXIS AUTOPILOT	V22373	(206) 08001 & ON (T206) 08001 & ON	01
UI304	065-00176-2602	COMPUTER - SINGLE AXIS AUTOPILOT	V22373	(206) 08001 & ON (T206) 08001 & ON	01
UI604	S3100-159	INDICATOR - NAV (ZONE 225)	V22373	(206) 08001 & ON (T206) 08001 & ON	01

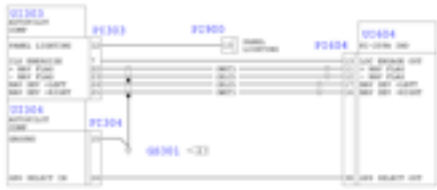
Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 01 : Sheet 01 : SINGLE AXIS AUTOPILOT



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 01 : Sheet 02 : SINGLE AXIS AUTOPILOT



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

DUAL AXIS AUTOPILOT

AIRPLANES (206) 08001 THRU 08079 WITH NAV I OPTION AND AIRPLANES (T206) 08001 THRU 08139 WITH NAV I OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GS301		GROUND STUD - AUTOPILOT COMPUTER (ZONE 225)			RF
JI514	S1641-9	CONNECTOR - PILOT'S CONTROL WHEEL (ZONE 222)		(206) 08001 - 08079 (T206) 08001 - 08139	01
	S1636-1	. CONTACT			AR
JI901	S2350-3	RECEPTACLE - AVIONICS CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08001 - 08079 (T206) 08001 - 08139	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PC007	S1640-9	CONNECTOR - AVIONICS/ELECTRICAL DISCONNECT (ZONE 224)		(206) 08001 - 08079 (T206) 08001 - 08139	01
	S1635-1	. CONTACT	V49367		AR
	S1636-1	. SOCKET			AR
PF902	SK2701	CONNECTOR - GROUND (ZONE 211)	V28198	(206) 08001 - 08079 (T206) 08001 - 08139	01
	FC116N2	. CRIMP CONTACT	V28198		AR
	FC120N2	. CRIMP CONTACT	V28198		AR
PF903	SK2701	CONNECTOR - GROUND (ZONE 221)	V28198	(206) 08001 - 08079 (T206) 08001 - 08139	01
	FC116N2	. CONTACT	V28198	(206) 08215 - 08283 (T206) 08450 - 08704	AR
	FC120N2	. CONTACT	V28198		AR
PI302	YSK006-11AH	CONNECTOR - DIRECTIONAL GYRO (ZONE 220)	V50541	(206) 08001 - 08079 (T206) 08001 - 08139	04
	D01PB406NT-837	. PLUG 4-PIN	V50541		01
PI303	030-01175-0000	CONNECTOR - AUTOPILOT COMPUTER (ZONE 225)	V22373	(206) 08001 - 08079 (T206) 08001 - 08139	01
PI304	030-01176-0000	CONNECTOR - AUTOPILOT COMPUTER (ZONE 225)	V22373	(206) 08001 - 08079 (T206) 08001 - 08139	01
PI305	030-01171-0000	CONNECTOR - CONFIGURATION MODULE	V22373	(206) 08001 - 08079 (T206) 08001 - 08139	01
PI306	033-00230-0000	CONNECTOR - RS232 INTERFACE (ZONE 220)	V22373	(206) 08001 - 08079 (T206) 08001 - 08139	01
PI307	97-4106A14S-5S	CONNECTOR - TURN COORDINATOR (ZONE 220)	V77820	(206) 08001 - 08079 (T206) 08001 - 08139	01
	97-3057-1007-1	. BACKSHELL	V77820		01
	9755-1622S-4	. CONTACT	V77820		01
PI507	030-01176-0001	CONNECTOR - AUDIO PANEL (ZONE 225) * AIRPLANES (206) 08001 THRU 08089 INCORPORATING SB00-24-02	V22373	(206) *08001 - 08089 (T206) 08001 - 08158	01
PI508	030-01176-0001	CONNECTOR - AUDIO PANEL (ZONE 225) * AIRPLANES (206) 08001 THRU 08089 INCORPORATING SB00-24-02	V22373	(206) *08001 - 08089 (T206) 08001 - 08158	01
PS300	050-03245-0000	CONNECTOR - INSTALLATION KIT (ZONE 610)	V22373	(206) 08001 - 08079 (T206) 08001 - 08139	01
	S1635-1	. CONTACT	V49367		AR
	S1640-9	. CONTACT			01
UI302	S3330-2	INDICATOR - DIRECTIONAL GYRO		(206) 08001 - 08079 (T206) 08001 - 08139	01
UI303	065-00176-5402	COMPUTER - DUAL AXIS AUTOPILOT	V22373	(206) 08001 - 08079 (T206) 08001 - 08139	01
UI304	065-00176-5402	COMPUTER - DUAL AXIS AUTOPILOT	V22373	(206) 08001 - 08079 (T206) 08001 - 08139	01
UI305	071-00073-5000	MODULE - CONFIGURATION	V22373	(206) 08001 - 08079 (T206) 08001 - 08139	01
UI307	1394T100-10RA	INDICATOR - TURN COORDINATOR FOR SPARES ORDER (MUST REPLACE WITH): S3291-1	V18006	(206) 08001 - 08079 (T206) 08001 - 08139	01
	S3291-1	TURN COORDINATOR		(206) 08001 - 08079 (T206) 08001 - 08139	01
UI507	066-01155-0201	PANEL - AUDIO	V22373	(206) 08001 - 08079 (T206) 08001 - 08139	01
UI508	066-01155-0201	PANEL - AUDIO (ZONE 225)	V22373	(206) 08001 - 08079 (T206) 08001 - 08139	01

DUAL AXIS AUTOPILOT

AIRPLANES (206) 08001 THRU 08079 WITH NAV I OPTION AND AIRPLANES (T206) 08001 THRU 08139 WITH NAV I OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	EFFECTIVITY	UNITS PER ASSY
GS301		GROUND STUD - AUTOPILOT COMPUTER (ZONE 225)		RF
GS302	3940359-2	GROUND STUD - PITCH SERVO (ZONE 310)	(206) 08001 - 08079 (T206) 08001 - 08139	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

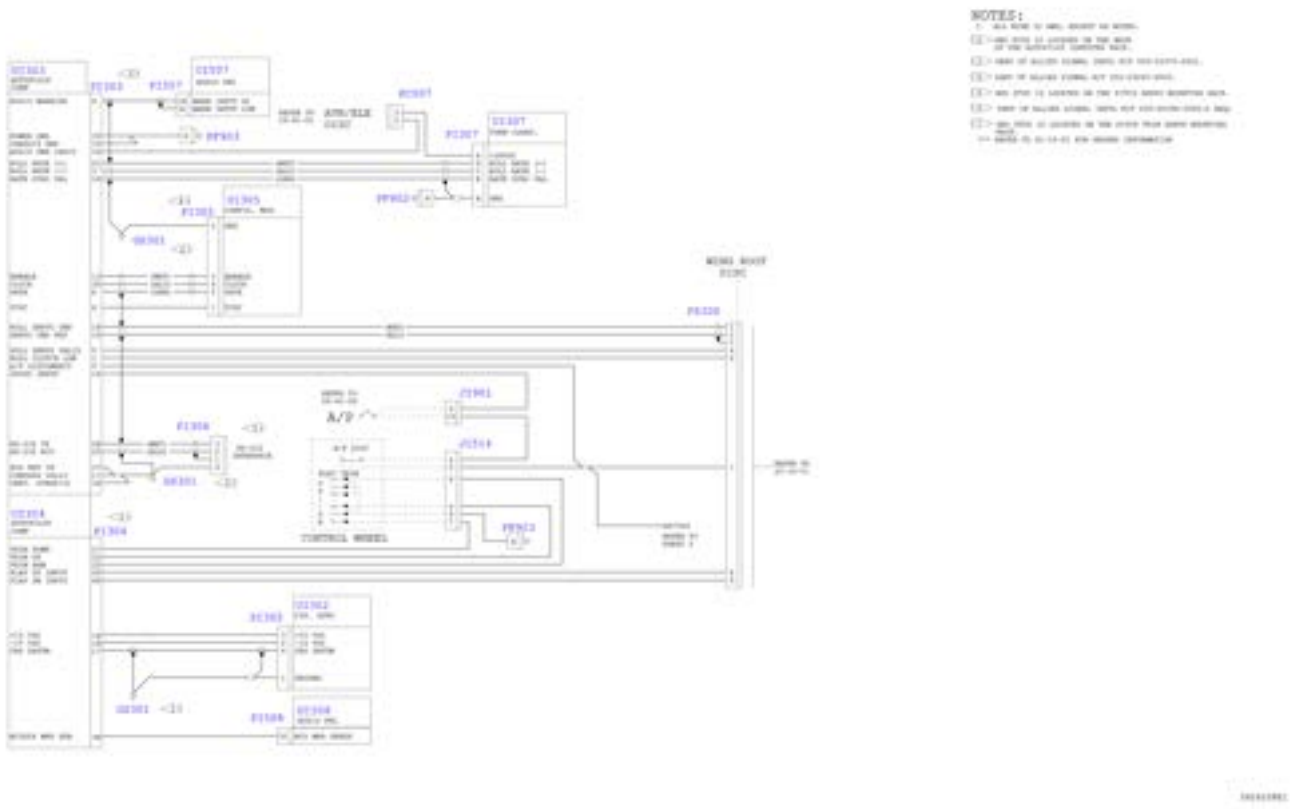
DUAL AXIS AUTOPILOT

AIRPLANES (206) 08001 THRU 08079 WITH NAV I OPTION AND AIRPLANES (T206) 08001 THRU 08139 WITH NAV I OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GS303	3940359-2	GROUND STUD - PITCH TRIM ACTUATOR (ZONE 310)		(206) 08001 - 08079 (T206) 08001 - 08139	01
PC007	S1640-9	CONNECTOR - AVIONICS/ELECTRICAL DISCONNECT (ZONE 224)		(206) 08001 - 08079 (T206) 08001 - 08139	01
	S1635-1	. CONTACT	V49367		AR
	S1636-1	. SOCKET			AR
PF903	SK2701	CONNECTOR - GROUND (ZONE 221)	V28198	(206) 08001 - 08079 (T206) 08001 - 08139	01
	FC116N2	. CONTACT	V28198	(206) 08215 - 08283 (T206) 08450 - 08704	AR
	FC120N2	. CONTACT	V28198		AR
PI303	030-01175-0000	CONNECTOR - AUTOPILOT COMPUTER (ZONE 225)	V22373	(206) 08001 - 08079 (T206) 08001 - 08139	01
PI304	030-01176-0000	CONNECTOR - AUTOPILOT COMPUTER (ZONE 225)	V22373	(206) 08001 - 08079 (T206) 08001 - 08139	01
PI604	030-01176-0000	CONNECTOR - KI-209A CDI INDICATOR #1 (ZONE 220)	V22373	(206) 08001 - 08079 (T206) 08001 - 08139	01
PI900	S3070-9	CONNECTOR KIT - PANEL LIGHTING (ZONE 225)	V49367	(206) 08001 - 08079 (T206) 08001 - 08139	01
	LMD6106P	. MODULE	V49367		01
	LMS01T-TL	. SPLICE	V49367		01
PT300	030-03248-0000	CONNECTOR - PITCH SERVO (ZONE 310)	V22373	(206) 08001 - 08079 (T206) 08001 - 08139	01
PT301	030-03248-0000	CONNECTOR - PITCH TRIM ACTUATOR (ZONE 310)	V22373	(206) 08001 - 08079 (T206) 08001 - 08139	01
UI303	065-00176-5402	COMPUTER - DUAL AXIS AUTOPILOT	V22373	(206) 08001 - 08079 (T206) 08001 - 08139	01
UI304	065-00176-5402	COMPUTER - DUAL AXIS AUTOPILOT	V22373	(206) 08001 - 08079 (T206) 08001 - 08139	01
UI604	S3100-159	INDICATOR - NAV (ZONE 225)	V22373	(206) 08001 - 08079 (T206) 08001 - 08139	01
UT300	065-00178-2200	PITCH SERVO	V22373	(206) 08001 - 08079 (T206) 08001 - 08139	01
UT301	065-00180-2700	ACTUATOR - PITCH TRIM	V22373	(206) 08001 - 08079 (T206) 08001 - 08139	01

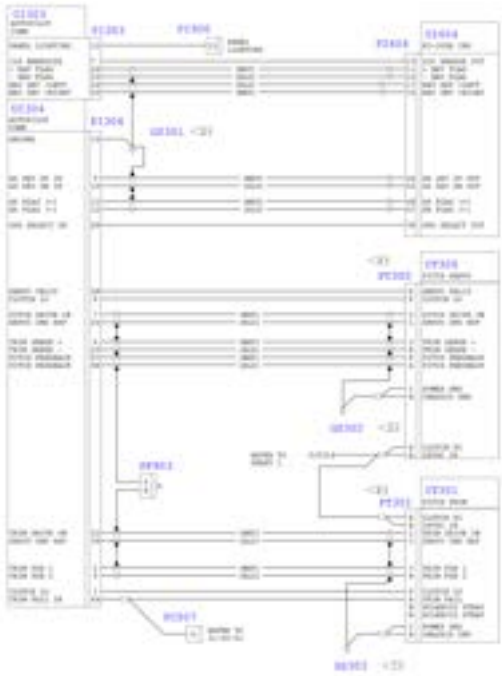
Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 01 : Sheet 01 : DUAL AXIS AUTOPILOT



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 01 : Sheet 02 : DUAL AXIS AUTOPILOT



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

DUAL AXIS AUTOPILOT

AIRPLANES (206) 08080 THRU 08138 WITH NAV I WITH ALTITUDE PRESELECT AND AIRPLANES (T206) 08140 THRU 08259 WITH NAV I WITH ALTITUDE PRESELECT

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GS301		GROUND STUD - AUTOPILOT COMPUTER (ZONE 225)			RF
JI514	S1641-9	CONNECTOR - PILOT'S CONTROL WHEEL (ZONE 222)		(206) 08080 - 08138 (T206) 08140 - 08259	01
	S1636-1	. CONTACT			AR
JI901	S2350-3	RECEPTACLE - AVIONICS CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08080 - 08138 (T206) 08140 - 08259	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PC007	S1640-9	CONNECTOR - AVIONICS/ELECTRICAL DISCONNECT (ZONE 224)		(206) 08080 - 08138 (T206) 08140 - 08259	01
	S1635-1	. CONTACT	V49367		AR
	S1636-1	. SOCKET			AR
PF902	SK2701	CONNECTOR - GROUND (ZONE 211)	V28198	(206) 08080 - 08138 (T206) 08140 - 08259	01
	FC116N2	. CRIMP CONTACT	V28198		AR
	FC120N2	. CRIMP CONTACT	V28198		AR
PF903	SK2701	CONNECTOR - GROUND (ZONE 221)	V28198	(206) 08080 - 08138 (T206) 08140 - 08259	01
	FC116N2	. CONTACT	V28198	(206) 08215 - 08283 (T206) 08450 - 08704	AR
	FC120N2	. CONTACT	V28198		AR
PI302	YSK006-11AH	CONNECTOR - DIRECTIONAL GYRO (ZONE 220)	V50541	(206) 08080 - 08138 (T206) 08140 - 08259	04
	D01PB406NT-837	. PLUG 4-PIN	V50541		01
PI303	030-01175-0000	CONNECTOR - AUTOPILOT COMPUTER (ZONE 225)	V22373	(206) 08080 - 08138 (T206) 08140 - 08259	01
PI304	030-01176-0000	CONNECTOR - AUTOPILOT COMPUTER (ZONE 225)	V22373	(206) 08080 - 08138 (T206) 08140 - 08259	01
PI305	030-01171-0000	CONNECTOR - CONFIGURATION MODULE	V22373	(206) 08080 - 08138 (T206) 08140 - 08259	01
PI306	033-00230-0000	CONNECTOR - RS232 INTERFACE (ZONE 220)	V22373	(206) 08080 - 08138 (T206) 08140 - 08259	01
PI307	97-4106A14S-5S	CONNECTOR - TURN COORDINATOR (ZONE 220)	V77820	(206) 08080 - 08138 (T206) 08140 - 08259	01
	97-3057-1007-1	. BACKSHELL	V77820		01
	9755-1622S-4	. CONTACT	V77820		01
PI507	030-01176-0001	CONNECTOR - AUDIO PANEL (ZONE 225) * AIRPLANES (206) 08001 THRU 08089 INCORPORATING SB00-24-02	V22373	(206) *08001 - 08089 (T206) 08001 - 08158	01
PI508	030-01176-0001	CONNECTOR - AUDIO PANEL (ZONE 225) * AIRPLANES (206) 08001 THRU 08089 INCORPORATING SB00-24-02	V22373	(206) *08001 - 08089 (T206) 08001 - 08158	01
PS300	050-03245-0000	CONNECTOR - INSTALLATION KIT (ZONE 610)	V22373	(206) 08080 - 08138 (T206) 08140 - 08259	01
	S1635-1	. CONTACT	V49367		AR
	S1640-9	. CONTACT			01
UI302	S3330-2	INDICATOR - DIRECTIONAL GYRO		(206) 08080 - 08138 (T206) 08140 - 08259	01
UI303	065-00176-7702	COMPUTER - DUAL AXIS AUTOPILOT W/ ALT PRESELECT FOR SPARES ORDER (MUST REPLACE WITH): S3100-218	V22373	(206) 08080 - 08138 (T206) 08140 - 08259	01
	S3100-218	COMPUTER	V22373	(206) 08080 - 08138 (T206) 08140 - 08259	01
UI304	065-00176-7702	COMPUTER - DUAL AXIS AUTOPILOT W/ ALT PRESELECT FOR SPARES ORDER (MUST REPLACE WITH): S3100-218	V22373	(206) 08080 - 08138 (T206) 08140 - 08259	01
	S3100-218	COMPUTER	V22373	(206) 08080 - 08138 (T206) 08140 - 08259	01
UI305	071-00073-5000	MODULE - CONFIGURATION	V22373	(206) 08080 - 08138 (T206) 08140 - 08259	01
UI307	1394T100-10RA	INDICATOR - TURN COORDINATOR FOR SPARES ORDER (MUST REPLACE WITH): S3291-1	V18006	(206) 08080 - 08138 (T206) 08140 - 08259	01
	S3291-1	TURN COORDINATOR		(206) 08080 - 08138 (T206) 08140 - 08259	01
UI507	066-01155-0201	PANEL - AUDIO	V22373	(206) 08080 - 08138 (T206) 08140 - 08259	01
UI508	066-01155-0201	PANEL - AUDIO (ZONE 225)	V22373	(206) 08080 - 08138 (T206) 08140 - 08259	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

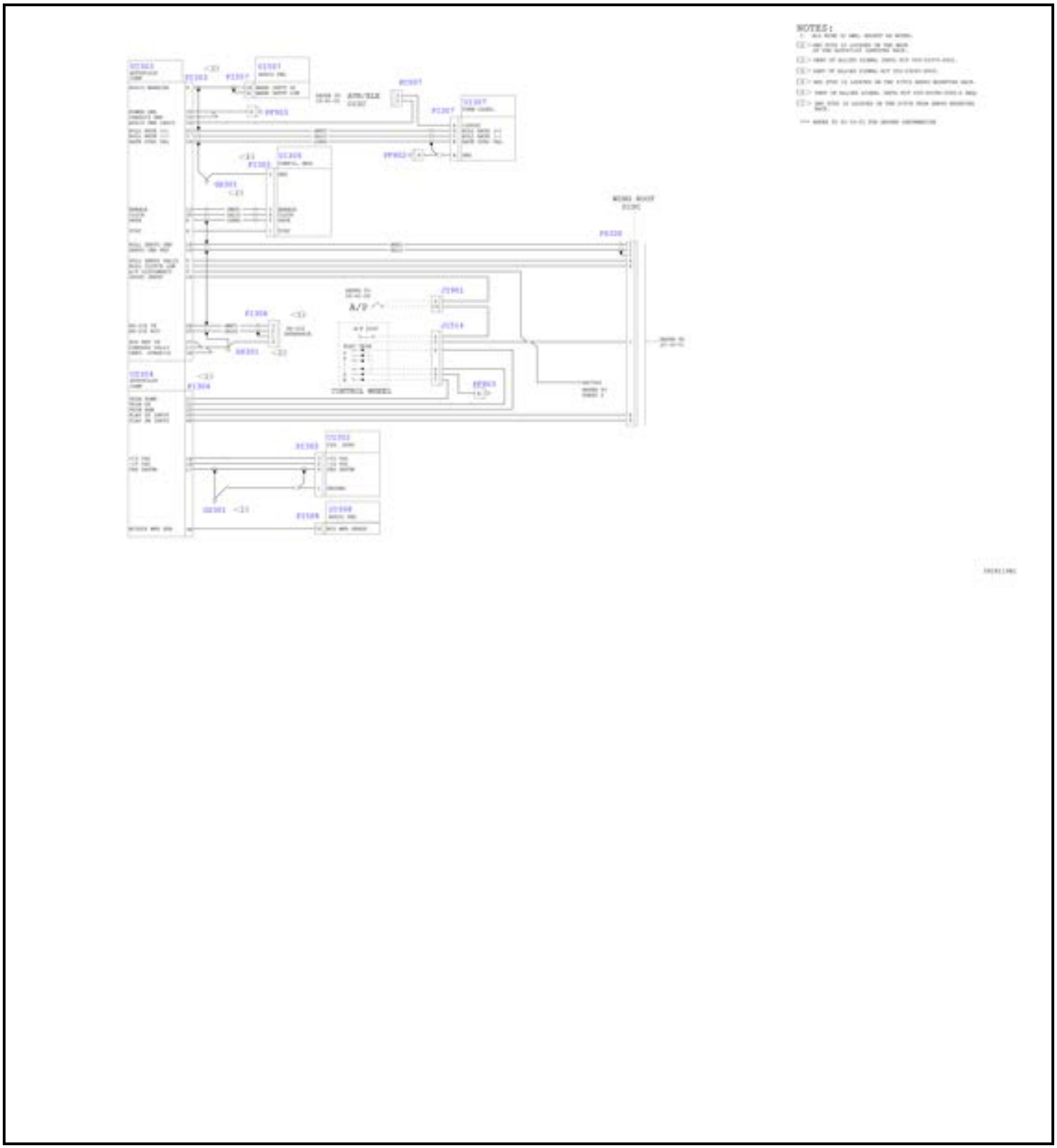
DUAL AXIS AUTOPILOT

AIRPLANES (206) 08080 THRU 08138 WITH NAV I WITH ALTITUDE PRESELECT AND AIRPLANES (T206) 08140 THRU 08259 WITH NAV I WITH ALTITUDE PRESELECT

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GS301		GROUND STUD - AUTOPILOT COMPUTER (ZONE 225)			RF
GS302	3940359-2	GROUND STUD - PITCH SERVO (ZONE 310)		(206) 08080 - 08138 (T206) 08140 - 08259	01
GS303	3940359-2	GROUND STUD - PITCH TRIM ACTUATOR (ZONE 310)		(206) 08080 - 08138 (T206) 08140 - 08259	01
PC007	S1640-9	CONNECTOR - AVIONICS/ELECTRICAL DISCONNECT (ZONE 224)		(206) 08080 - 08138 (T206) 08140 - 08259	01
	S1635-1	. CONTACT	V49367		AR
	S1636-1	. SOCKET			AR
PF903	SK2701	CONNECTOR - GROUND (ZONE 221)	V28198	(206) 08080 - 08138 (T206) 08140 - 08259	01
	FC116N2	. CONTACT	V28198	(206) 08215 - 08283 (T206) 08450 - 08704	AR
	FC120N2	. CONTACT	V28198		AR
PI303	030-01175-0000	CONNECTOR - AUTOPILOT COMPUTER (ZONE 225)	V22373	(206) 08080 - 08138 (T206) 08140 - 08259	01
PI304	030-01176-0000	CONNECTOR - AUTOPILOT COMPUTER (ZONE 225)	V22373	(206) 08080 - 08138 (T206) 08140 - 08259	01
PI604	030-01176-0000	CONNECTOR - KI-209A CDI INDICATOR #1 (ZONE 220)	V22373	(206) 08080 - 08138 (T206) 08140 - 08259	01
PI800	030-1094-02	CONNECTOR - KT-76C TRANSPONDER (ZONE 310)	V22373	(206) 08080 - 08138 (T206) 08140 - 08259	01
PI900	S3070-9	CONNECTOR KIT - PANEL LIGHTING (ZONE 225)	V49367	(206) 08080 - 08138 (T206) 08140 - 08259	01
	LMD6106P	. MODULE	V49367		01
	LMS01T-TL	. SPLICE	V49367		01
PT300	030-03248-0000	CONNECTOR - PITCH SERVO (ZONE 310)	V22373	(206) 08080 - 08138 (T206) 08140 - 08259	01
PT301	030-03248-0000	CONNECTOR - PITCH TRIM ACTUATOR (ZONE 310)	V22373	(206) 08080 - 08138 (T206) 08140 - 08259	01
UI303	065-00176-7702	COMPUTER - DUAL AXIS AUTOPILOT W/ ALT PRESELECT FOR SPARES ORDER (MUST REPLACE WITH): S3100-218	V22373	(206) 08080 - 08138 (T206) 08140 - 08259	01
	S3100-218	COMPUTER	V22373	(206) 08080 - 08138 (T206) 08140 - 08259	01
UI304	065-00176-7702	COMPUTER - DUAL AXIS AUTOPILOT W/ ALT PRESELECT FOR SPARES ORDER (MUST REPLACE WITH): S3100-218	V22373	(206) 08080 - 08138 (T206) 08140 - 08259	01
	S3100-218	COMPUTER	V22373	(206) 08080 - 08138 (T206) 08140 - 08259	01
UI604	S3100-159	INDICATOR - NAV (ZONE 225)	V22373	(206) 08080 - 08138 (T206) 08140 - 08259	01
UI800		TRANSPONDER - KT-76C (ZONE 225)			RF
UT300	065-00178-2200	PITCH SERVO	V22373	(206) 08080 - 08138 (T206) 08140 - 08259	01
UT301	065-00180-2700	ACTUATOR - PITCH TRIM	V22373	(206) 08080 - 08138 (T206) 08140 - 08259	01

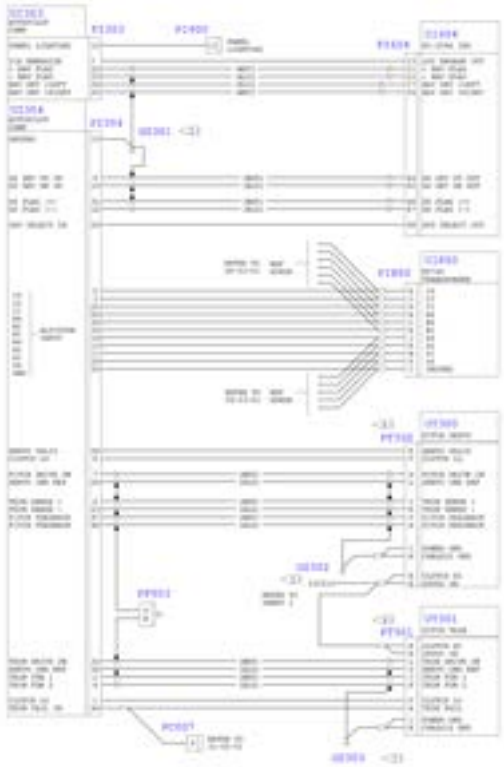
Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 02 : Sheet 01 : DUAL AXIS AUTOPILOT



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 02 : Sheet 02 : DUAL AXIS AUTOPILOT



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

DUAL AXIS AUTOPILOT

AIRPLANES (206) 08083 THRU 08138 WITH NAV I OPTION WITH HSI AND ALTITUDE PRESELECT AND AIRPLANES (T206) 08147 THRU 08259 WITH NAV I OPTION WITH HSI AND ALTITUDE PRESELECT

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GS301		GROUND STUD - AUTOPILOT COMPUTER (ZONE 225)			RF
JI514	S1641-9	CONNECTOR - PILOT'S CONTROL WHEEL (ZONE 222)		(206) 08083 - 08138 (T206) 08147 - 08259	01
	S1636-1	. CONTACT			AR
JI901	S2350-3	RECEPTACLE - AVIONICS CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08083 - 08138 (T206) 08147 - 08259	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PC007	S1640-9	CONNECTOR - AVIONICS/ELECTRICAL DISCONNECT (ZONE 224)		(206) 08083 - 08138 (T206) 08147 - 08259	01
	S1635-1	. CONTACT	V49367		AR
	S1636-1	. SOCKET			AR
PF902	SK2701	CONNECTOR - GROUND (ZONE 211)	V28198	(206) 08083 - 08138 (T206) 08147 - 08259	01
	FC116N2	. CRIMP CONTACT	V28198		AR
	FC120N2	. CRIMP CONTACT	V28198		AR
PF903	SK2701	CONNECTOR - GROUND (ZONE 221)	V28198	(206) 08083 - 08138 (T206) 08147 - 08259	01
	FC116N2	. CONTACT	V28198	(206) 08215 - 08283 (T206) 08450 - 08704	AR
	FC120N2	. CONTACT	V28198		AR
PI303	030-01175-0000	CONNECTOR - AUTOPILOT COMPUTER (ZONE 225)	V22373	(206) 08083 - 08138 (T206) 08147 - 08259	01
PI304	030-01176-0000	CONNECTOR - AUTOPILOT COMPUTER (ZONE 225)	V22373	(206) 08083 - 08138 (T206) 08147 - 08259	01
PI305	030-01171-0000	CONNECTOR - CONFIGURATION MODULE	V22373	(206) 08083 - 08138 (T206) 08147 - 08259	01
PI306	033-00230-0000	CONNECTOR - RS232 INTERFACE (ZONE 220)	V22373	(206) 08083 - 08138 (T206) 08147 - 08259	01
PI307	97-4106A14S-5S	CONNECTOR - TURN COORDINATOR (ZONE 220)	V77820	(206) 08083 - 08138 (T206) 08147 - 08259	01
	97-3057-1007-1	. BACKSHELL	V77820		01
	9755-1622S-4	. CONTACT	V77820		01
PI507	030-01176-0001	CONNECTOR - AUDIO PANEL (ZONE 225) * AIRPLANES (206) 08001 THRU 08089 INCORPORATING SB00-24-02	V22373	(206) *08001 - 08089 (T206) 08001 - 08158	01
PI508	030-01176-0001	CONNECTOR - AUDIO PANEL (ZONE 225) * AIRPLANES (206) 08001 THRU 08089 INCORPORATING SB00-24-02	V22373	(206) *08001 - 08089 (T206) 08001 - 08158	01
PS300	050-03245-0000	CONNECTOR - INSTALLATION KIT (ZONE 610)	V22373	(206) 08083 - 08138 (T206) 08147 - 08259	01
	S1635-1	. CONTACT	V49367		AR
	S1640-9	. CONTACT			01
PT305	57-30240	CONNECTOR - AUTOPILOT (ZONE 340)	V02660	(206) 08083 - 08138 (T206) 08147 - 08259	01
UI303	065-00176-5402	COMPUTER - DUAL AXIS AUTOPILOT	V22373	(206) 08083 - 08138 (T206) 08147 - 08259	01
UI304	065-00176-5402	COMPUTER - DUAL AXIS AUTOPILOT	V22373	(206) 08083 - 08138 (T206) 08147 - 08259	01
UI305	071-00073-5000	MODULE - CONFIGURATION	V22373	(206) 08083 - 08138 (T206) 08147 - 08259	01
UI307	1394T100-10RA	INDICATOR - TURN COORDINATOR FOR SPARES ORDER (MUST REPLACE WITH): S3291-1	V18006	(206) 08083 - 08138 (T206) 08147 - 08259	01
	S3291-1	TURN COORDINATOR		(206) 08083 - 08138 (T206) 08147 - 08259	01
UI507	066-01155-0201	PANEL - AUDIO	V22373	(206) 08083 - 08138 (T206) 08147 - 08259	01
UI508	066-01155-0201	PANEL - AUDIO (ZONE 225)	V22373	(206) 08083 - 08138 (T206) 08147 - 08259	01
UT305	AS5194D0302	AUTOPILOT ADAPTOR		(206) 08083 - 08138 (T206) 08147 - 08259	01

DUAL AXIS AUTOPILOT

AIRPLANES (206) 08083 THRU 08138 WITH NAV I OPTION WITH HSI AND ALTITUDE PRESELECT AND AIRPLANES (T206) 08147 THRU 08259 WITH NAV I OPTION WITH HSI AND ALTITUDE PRESELECT

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	EFFECTIVITY	UNITS PER ASSY
GS301		GROUND STUD - AUTOPILOT COMPUTER (ZONE 225)		RF
GS302	3940359-2	GROUND STUD - PITCH SERVO (ZONE 310)	(206) 08083 - 08138 (T206) 08147 - 08259	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

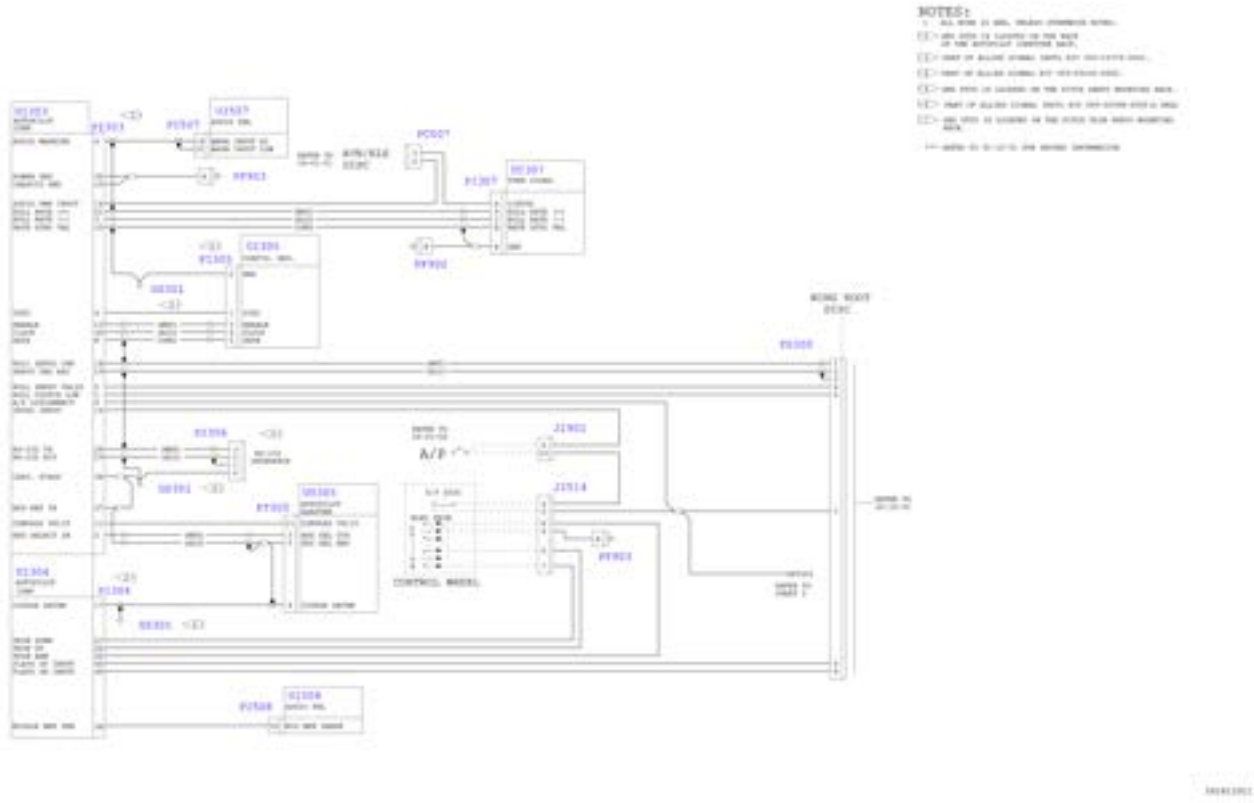
DUAL AXIS AUTOPILOT

AIRPLANES (206) 08083 THRU 08138 WITH NAV I OPTION WITH HSI AND ALTITUDE PRESELECT AND AIRPLANES (T206) 08147 THRU 08259 WITH NAV I OPTION WITH HSI AND ALTITUDE PRESELECT

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GS303	3940359-2	GROUND STUD - PITCH TRIM ACTUATOR (ZONE 310)		(206) 08083 - 08138 (T206) 08147 - 08259	01
PC007	S1640-9	CONNECTOR - AVIONICS/ELECTRICAL DISCONNECT (ZONE 224)		(206) 08083 - 08138 (T206) 08147 - 08259	01
	S1635-1	. CONTACT	V49367		AR
	S1636-1	. SOCKET			AR
PI303	030-01175-0000	CONNECTOR - AUTOPILOT COMPUTER (ZONE 225)	V22373	(206) 08083 - 08138 (T206) 08147 - 08259	01
PI304	030-01176-0000	CONNECTOR - AUTOPILOT COMPUTER (ZONE 225)	V22373	(206) 08083 - 08138 (T206) 08147 - 08259	01
PI704	RD50F10JVL0	CONNECTOR - SWITCHING UNIT (ZONE 225)	V28198	(206) 08083 - 08138 (T206) 08147 - 08259	01
PI705	RD50M10JVL0	CONNECTOR - SWITCHING UNIT (ZONE 225)	V28198	(206) 08083 - 08138 (T206) 08147 - 08259	01
PI800	030-1094-02	CONNECTOR - KT-76C TRANSPONDER (ZONE 310)	V22373	(206) 08083 - 08138 (T206) 08147 - 08259	01
PI900	S3070-9	CONNECTOR KIT - PANEL LIGHTING (ZONE 225)	V49367	(206) 08083 - 08138 (T206) 08147 - 08259	01
	LMD6106P	. MODULE	V49367		01
	LMS01T-TL	. SPLICE	V49367		01
PT300	030-03248-0000	CONNECTOR - PITCH SERVO (ZONE 310)	V22373	(206) 08083 - 08138 (T206) 08147 - 08259	01
PT301	030-03248-0000	CONNECTOR - PITCH TRIM ACTUATOR (ZONE 310)	V22373	(206) 08083 - 08138 (T206) 08147 - 08259	01
UI303	065-00176-5402	COMPUTER - DUAL AXIS AUTOPILOT	V22373	(206) 08083 - 08138 (T206) 08147 - 08259	01
UI304	065-00176-5402	COMPUTER - DUAL AXIS AUTOPILOT	V22373	(206) 08083 - 08138 (T206) 08147 - 08259	01
UI704	MD41-229	SELECTOR - GPS/NAV	V59742	(206) 08083 - 08138 (T206) 08147 - 08259	01
UI705	MD41-229	SELECTOR - GPS/NAV	V59742	(206) 08083 - 08138 (T206) 08147 - 08259	01
UI800		TRANSPONDER - KT-76C (ZONE 225)			RF
UT300	065-00178-2200	PITCH SERVO	V22373	(206) 08083 - 08138 (T206) 08147 - 08259	01
UT301	065-00180-2700	ACTUATOR - PITCH TRIM	V22373	(206) 08083 - 08138 (T206) 08147 - 08259	01

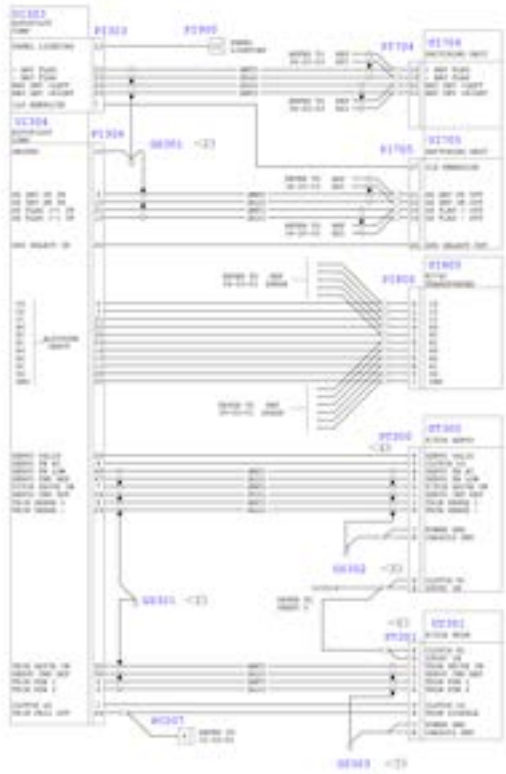
Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 03 : Sheet 01 : DUAL AXIS AUTOPILOT



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 03 : Sheet 02 : DUAL AXIS AUTOPILOT



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

DUAL AXIS AUTOPILOT

AIRPLANES (206) 08139 & ON WITH NAV I OPTION AND AIRPLANES (T206) 08260 & ON WITH NAV I OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GS301		GROUND STUD - AUTOPILOT COMPUTER (ZONE 225)			RF
GS309	3940359-2	GROUND STUD (ZONE 224)		(206) 08139 & ON (T206) 08260 & ON	01
JI514	S1641-9	CONNECTOR - PILOT'S CONTROL WHEEL (ZONE 222)		(206) 08139 & ON (T206) 08260 & ON	01
	S1636-1	. CONTACT			AR
JI901	S2350-3	RECEPTACLE - AVIONICS CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08139 & ON (T206) 08260 & ON	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PC007	S1640-9	CONNECTOR - AVIONICS/ELECTRICAL DISCONNECT (ZONE 224)		(206) 08139 & ON (T206) 08260 & ON	01
	S1635-1	. CONTACT	V49367		AR
	S1636-1	. SOCKET			AR
PF903	SK2701	CONNECTOR - GROUND (ZONE 221)	V28198	(206) 08139 & ON (T206) 08260 & ON	01
	FC116N2	. CONTACT	V28198	(206) 08215 - 08283 (T206) 08450 - 08704	AR
	FC120N2	. CONTACT	V28198		AR
PI302	YSK006-11AH	CONNECTOR - DIRECTIONAL GYRO (ZONE 220)	V50541	(206) 08139 & ON (T206) 08260 & ON	04
	D01PB406NT-837	. PLUG 4-PIN	V50541		01
PI303	030-01175-0000	CONNECTOR - AUTOPILOT COMPUTER (ZONE 225)	V22373	(206) 08139 & ON (T206) 08260 & ON	01
PI304	030-01176-0000	CONNECTOR - AUTOPILOT COMPUTER (ZONE 225)	V22373	(206) 08139 & ON (T206) 08260 & ON	01
PI305	030-01171-0000	CONNECTOR - CONFIGURATION MODULE	V22373	(206) 08139 & ON (T206) 08260 & ON	01
PI306	033-00230-0000	CONNECTOR - RS232 INTERFACE (ZONE 220)	V22373	(206) 08139 & ON (T206) 08260 & ON	01
PI307	97-4106A14S-5S	CONNECTOR - TURN COORDINATOR (ZONE 220)	V77820	(206) 08139 & ON (T206) 08260 & ON	01
	97-3057-1007-1	. BACKSHELL	V77820		01
	9755-1622S-4	. CONTACT	V77820		01
PI516	050-01094-0058	CONNECTOR - KMA 28 AUDIO PANEL		(206) 08139 & ON (T206) 08260 & ON	01
PS300	050-03245-0000	CONNECTOR - INSTALLATION KIT (ZONE 610)	V22373	(206) 08139 & ON (T206) 08260 & ON	01
	S1635-1	. CONTACT	V49367		AR
	S1640-9	. CONTACT			01
UI302	S3330-2	INDICATOR - DIRECTIONAL GYRO		(206) 08139 & ON (T206) 08260 & ON	01
UI303	065-00176-5402	COMPUTER - DUAL AXIS AUTOPILOT	V22373	(206) 08139 & ON (T206) 08260 & ON	01
UI304	065-00176-5402	COMPUTER - DUAL AXIS AUTOPILOT	V22373	(206) 08139 & ON (T206) 08260 & ON	01
UI305	071-00073-5000	MODULE - CONFIGURATION	V22373	(206) 08139 & ON (T206) 08260 & ON	01
UI307	1394T100-10RA	INDICATOR - TURN COORDINATOR FOR SPARES ORDER (MUST REPLACE WITH): S3291-1	V18006	(206) 08139 & ON (T206) 08260 & ON	01
	S3291-1	TURN COORDINATOR		(206) 08139 & ON (T206) 08260 & ON	01
UI516	066-01176-0101	PANEL - AUDIO	V22373	(206) 08139 & ON (T206) 08260 & ON	01

DUAL AXIS AUTOPILOT

AIRPLANES (206) 08139 & ON WITH NAV I OPTION AND AIRPLANES (T206) 08260 & ON WITH NAV I OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GS301		GROUND STUD - AUTOPILOT COMPUTER (ZONE 225)			RF
GS302	3940359-2	GROUND STUD - PITCH SERVO (ZONE 310)		(206) 08139 & ON (T206) 08260 & ON	01
GS303	3940359-2	GROUND STUD - PITCH TRIM ACTUATOR (ZONE 310)		(206) 08139 & ON (T206) 08260 & ON	01
PC007	S1640-9	CONNECTOR - AVIONICS/ELECTRICAL DISCONNECT (ZONE 224)		(206) 08139 & ON (T206) 08260 & ON	01
	S1635-1	. CONTACT	V49367		AR
	S1636-1	. SOCKET			AR

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

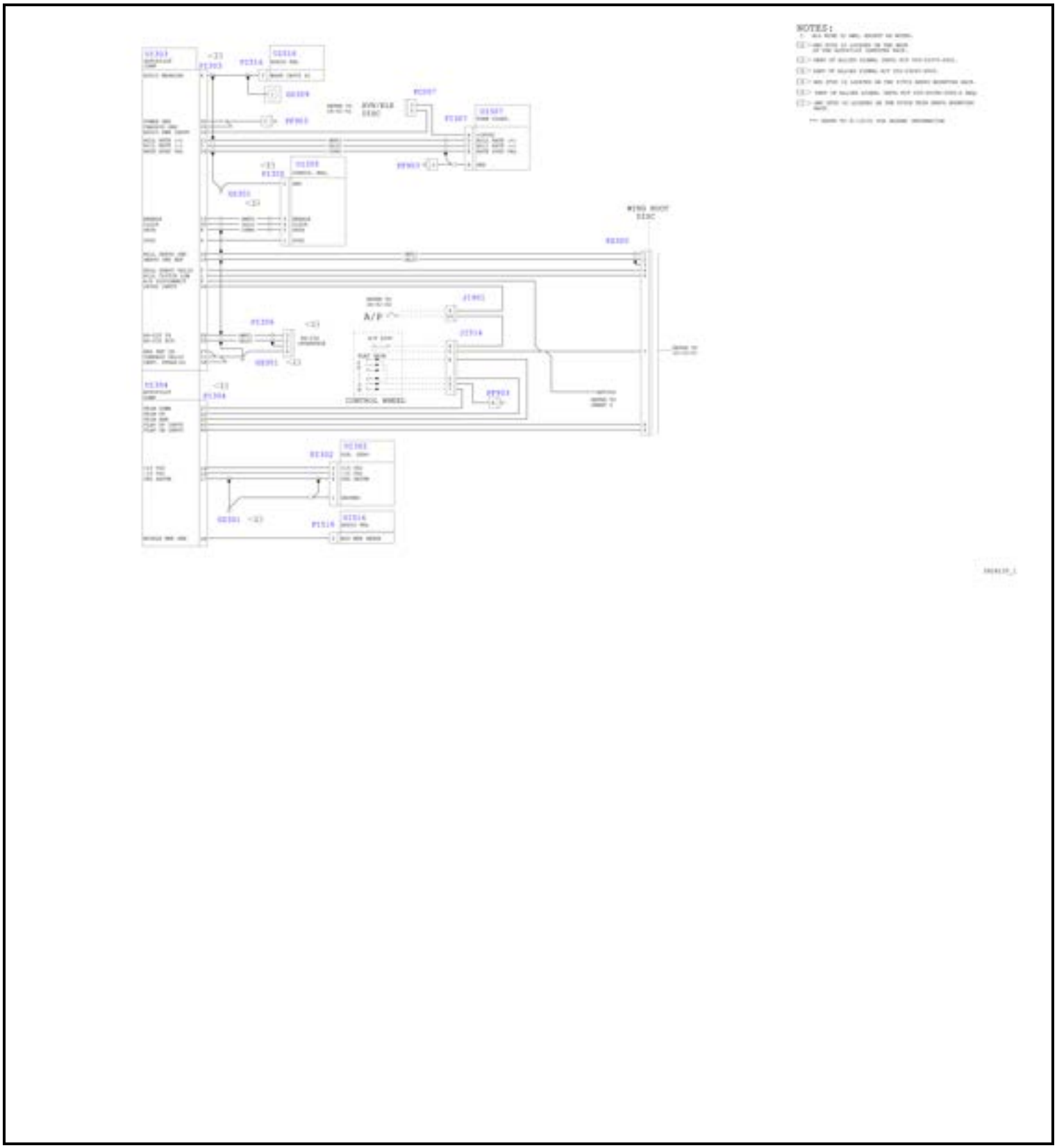
DUAL AXIS AUTOPILOT

AIRPLANES (206) 08139 & ON WITH NAV I OPTION AND AIRPLANES (T206) 08260 & ON WITH NAV I OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
PI303	030-01175-0000	CONNECTOR - AUTOPILOT COMPUTER (ZONE 225)	V22373	(206) 08139 & ON (T206) 08260 & ON	01
PI304	030-01176-0000	CONNECTOR - AUTOPILOT COMPUTER (ZONE 225)	V22373	(206) 08139 & ON (T206) 08260 & ON	01
PI604	030-01176-0000	CONNECTOR - KI-209A CDI INDICATOR #1 (ZONE 220)	V22373	(206) 08139 & ON (T206) 08260 & ON	01
PI800	030-1094-02	CONNECTOR - KT-76C TRANSPONDER (ZONE 310)	V22373	(206) 08139 & ON (T206) 08260 & ON	01
PI900	S3070-9	CONNECTOR KIT - PANEL LIGHTING (ZONE 225)	V49367	(206) 08139 & ON (T206) 08260 & ON	01
	LMD6106P	. MODULE	V49367		01
	LMS01T-TL	. SPLICE	V49367		01
PT300	030-03248-0000	CONNECTOR - PITCH SERVO (ZONE 310)	V22373	(206) 08139 & ON (T206) 08260 & ON	01
PT301	030-03248-0000	CONNECTOR - PITCH TRIM ACTUATOR (ZONE 310)	V22373	(206) 08139 & ON (T206) 08260 & ON	01
UI303	065-00176-5402	COMPUTER - DUAL AXIS AUTOPILOT	V22373	(206) 08139 & ON (T206) 08260 & ON	01
UI304	065-00176-5402	COMPUTER - DUAL AXIS AUTOPILOT	V22373	(206) 08139 & ON (T206) 08260 & ON	01
UI604	S3100-159	INDICATOR - NAV (ZONE 225)	V22373	(206) 08139 & ON (T206) 08260 & ON	01
UI800		TRANSPONDER - KT-76C (ZONE 225)			RF
UT300	065-00178-2200	PITCH SERVO	V22373	(206) 08139 & ON (T206) 08260 & ON	01
UT301	065-00180-2700	ACTUATOR - PITCH TRIM	V22373	(206) 08139 & ON (T206) 08260 & ON	01

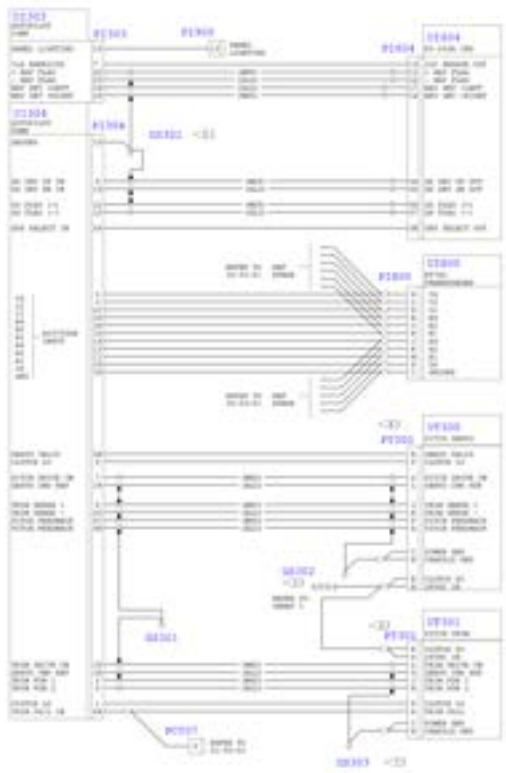
Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 04 : Sheet 01 : DUAL AXIS AUTOPILOT



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 04 : Sheet 02 : DUAL AXIS AUTOPILOT



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

DUAL AXIS AUTOPILOT

AIRPLANES (206) 08139 THRU 08173 WITH NAV II OPTION AND AIRPLANES (T206) 08260 THRU 08361 WITH NAV II OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GS301		GROUND STUD - AUTOPILOT COMPUTER (ZONE 225)			RF
GS309	3940359-2	GROUND STUD (ZONE 224)		(206) 08139 - 08173 (T206) 08260 - 08361	01
JI514	S1641-9	CONNECTOR - PILOT'S CONTROL WHEEL (ZONE 222)		(206) 08139 - 08173 (T206) 08260 - 08361	01
	S1636-1	. CONTACT			AR
JI901	S2350-3	RECEPTACLE - AVIONICS CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08139 - 08173 (T206) 08260 - 08361	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PC007	S1640-9	CONNECTOR - AVIONICS/ELECTRICAL DISCONNECT (ZONE 224)		(206) 08139 - 08173 (T206) 08260 - 08361	01
	S1635-1	. CONTACT	V49367		AR
	S1636-1	. SOCKET			AR
PF903	SK2701	CONNECTOR - GROUND (ZONE 221)	V28198	(206) 08139 - 08173 (T206) 08260 - 08361	01
	FC116N2	. CONTACT	V28198	(206) 08215 - 08283 (T206) 08450 - 08704	AR
	FC120N2	. CONTACT	V28198		AR
PI303	030-01175-0000	CONNECTOR - AUTOPILOT COMPUTER (ZONE 225)	V22373	(206) 08139 - 08173 (T206) 08260 - 08361	01
PI304	030-01176-0000	CONNECTOR - AUTOPILOT COMPUTER (ZONE 225)	V22373	(206) 08139 - 08173 (T206) 08260 - 08361	01
PI305	030-01171-0000	CONNECTOR - CONFIGURATION MODULE	V22373	(206) 08139 - 08173 (T206) 08260 - 08361	01
PI306	033-00230-0000	CONNECTOR - RS232 INTERFACE (ZONE 220)	V22373	(206) 08139 - 08173 (T206) 08260 - 08361	01
PI307	97-4106A14S-5S	CONNECTOR - TURN COORDINATOR (ZONE 220)	V77820	(206) 08139 - 08173 (T206) 08260 - 08361	01
	97-3057-1007-1	. BACKSHELL	V77820		01
	9755-1622S-4	. CONTACT	V77820		01
PI516	050-01094-0058	CONNECTOR - KMA 28 AUDIO PANEL		(206) 08139 - 08173 (T206) 08260 - 08361	01
PS300	050-03245-0000	CONNECTOR - INSTALLATION KIT (ZONE 610)	V22373	(206) 08139 - 08173 (T206) 08260 - 08361	01
	S1635-1	. CONTACT	V49367		AR
	S1640-9	. CONTACT			01
PT305	050-00398-0000	INSTALLATION KIT	V22373	(206) 08139 - 08173 (T206) 08260 - 08361	02
UI303	065-00176-5402	COMPUTER - DUAL AXIS AUTOPILOT	V22373	(206) 08139 - 08173 (T206) 08260 - 08361	01
UI304	065-00176-5402	COMPUTER - DUAL AXIS AUTOPILOT	V22373	(206) 08139 - 08173 (T206) 08260 - 08361	01
UI305	071-00073-5000	MODULE - CONFIGURATION	V22373	(206) 08139 - 08173 (T206) 08260 - 08361	01
UI307	1394T100-10RA	INDICATOR - TURN COORDINATOR FOR SPARES ORDER (MUST REPLACE WITH): S3291-1	V18006	(206) 08139 - 08173 (T206) 08260 - 08361	01
	S3291-1	TURN COORDINATOR		(206) 08139 - 08173 (T206) 08260 - 08361	01
UI516	066-01176-0101	PANEL - AUDIO	V22373	(206) 08139 - 08173 (T206) 08260 - 08361	01
UT305	AS5194D0302	AUTOPILOT ADAPTOR		(206) 08139 - 08173 (T206) 08260 - 08361	01

DUAL AXIS AUTOPILOT

AIRPLANES (206) 08139 THRU 08173 WITH NAV II OPTION AND AIRPLANES (T206) 08260 THRU 08361 WITH NAV II OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GS301		GROUND STUD - AUTOPILOT COMPUTER (ZONE 225)			RF
GS302	3940359-2	GROUND STUD - PITCH SERVO (ZONE 310)		(206) 08139 - 08173 (T206) 08260 - 08361	01
GS303	3940359-2	GROUND STUD - PITCH TRIM ACTUATOR (ZONE 310)		(206) 08139 - 08173 (T206) 08260 - 08361	01
PC007	S1640-9	CONNECTOR - AVIONICS/ELECTRICAL DISCONNECT (ZONE 224)		(206) 08139 - 08173 (T206) 08260 - 08361	01
	S1635-1	. CONTACT	V49367		AR
	S1636-1	. SOCKET			AR

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

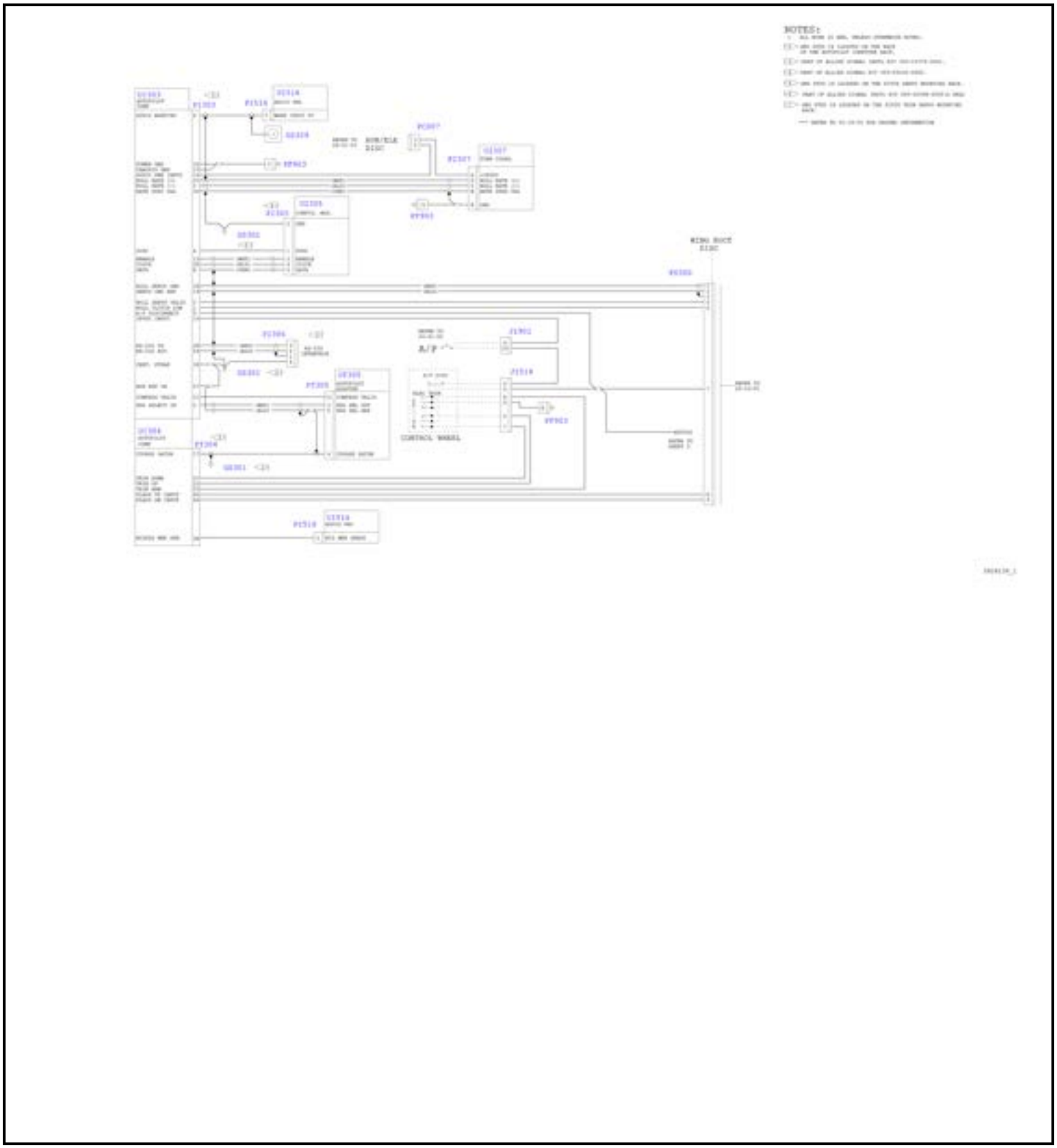
DUAL AXIS AUTOPILOT

AIRPLANES (206) 08139 THRU 08173 WITH NAV II OPTION AND AIRPLANES (T206) 08260 THRU 08361 WITH NAV II OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
PI303	030-01175-0000	CONNECTOR - AUTOPILOT COMPUTER (ZONE 225)	V22373	(206) 08139 - 08173 (T206) 08260 - 08361	01
PI304	030-01176-0000	CONNECTOR - AUTOPILOT COMPUTER (ZONE 225)	V22373	(206) 08139 - 08173 (T206) 08260 - 08361	01
PI704	RD50F10JVL0	CONNECTOR - SWITCHING UNIT (ZONE 225)	V28198	(206) 08139 - 08173 (T206) 08260 - 08361	01
PI705	RD50M10JVL0	CONNECTOR - SWITCHING UNIT (ZONE 225)	V28198	(206) 08139 - 08173 (T206) 08260 - 08361	01
PI800	030-1094-02	CONNECTOR - KT-76C TRANSPONDER (ZONE 310)	V22373	(206) 08139 - 08173 (T206) 08260 - 08361	01
PI900	S3070-9	CONNECTOR KIT - PANEL LIGHTING (ZONE 225)	V49367	(206) 08139 - 08173 (T206) 08260 - 08361	01
	LMD6106P	. MODULE	V49367		01
	LMS01T-TL	. SPLICE	V49367		01
PT300	030-03248-0000	CONNECTOR - PITCH SERVO (ZONE 310)	V22373	(206) 08139 - 08173 (T206) 08260 - 08361	01
PT301	030-03248-0000	CONNECTOR - PITCH TRIM ACTUATOR (ZONE 310)	V22373	(206) 08139 - 08173 (T206) 08260 - 08361	01
UI303	065-00176-5402	COMPUTER - DUAL AXIS AUTOPILOT	V22373	(206) 08139 - 08173 (T206) 08260 - 08361	01
UI304	065-00176-5402	COMPUTER - DUAL AXIS AUTOPILOT	V22373	(206) 08139 - 08173 (T206) 08260 - 08361	01
UI704	MD41-229	SELECTOR - GPS/NAV	V59742	(206) 08139 - 08173 (T206) 08260 - 08361	01
UI705	MD41-229	SELECTOR - GPS/NAV	V59742	(206) 08139 - 08173 (T206) 08260 - 08361	01
UI800		TRANSPONDER - KT-76C (ZONE 225)			RF
UT300	065-00178-2200	PITCH SERVO	V22373	(206) 08139 - 08173 (T206) 08260 - 08361	01
UT301	065-00180-2700	ACTUATOR - PITCH TRIM	V22373	(206) 08139 - 08173 (T206) 08260 - 08361	01

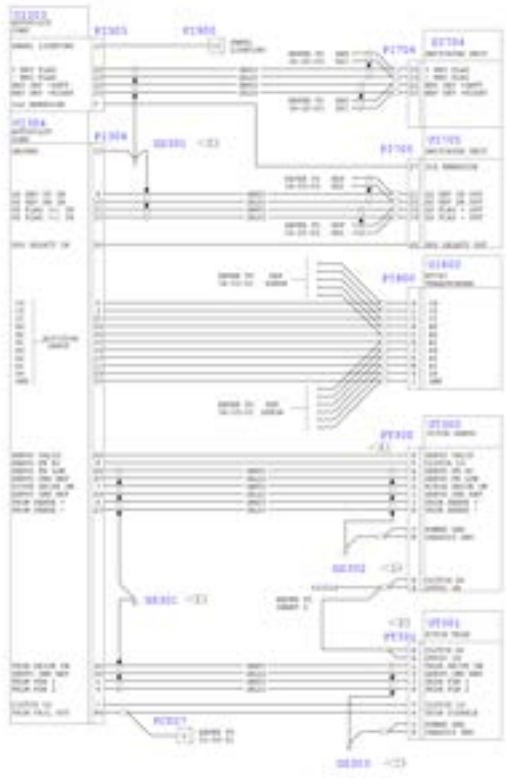
Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 05 : Sheet 01 : DUAL AXIS AUTOPILOT



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 05 : Sheet 02 : DUAL AXIS AUTOPILOT



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

DUAL AXIS AUTOPILOT

AIRPLANES (206) 08174 THRU 08190 WITH HSI OPTION AND NAV II OPTION AND AIRPLANES (T206) 08362 THRU 08403 WITH HSI OPTION AND NAV II OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GS301		GROUND STUD - AUTOPILOT COMPUTER (ZONE 225)			RF
JI514	S1641-9	CONNECTOR - PILOT'S CONTROL WHEEL (ZONE 222)		(206) 08174 - 08190 (T206) 08362 - 08403	01
	S1636-1	. CONTACT			AR
JI901	S2350-3	RECEPTACLE - AVIONICS CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08174 - 08190 (T206) 08362 - 08403	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PC007	S1640-9	CONNECTOR - AVIONICS/ELECTRICAL DISCONNECT (ZONE 224)		(206) 08174 - 08190 (T206) 08362 - 08403	01
	S1635-1	. CONTACT	V49367		AR
	S1636-1	. SOCKET			AR
PF903	SK2701	CONNECTOR - GROUND (ZONE 221)	V28198	(206) 08174 - 08190 (T206) 08362 - 08403	01
	FC116N2	. CONTACT	V28198	(206) 08215 - 08283 (T206) 08450 - 08704	AR
	FC120N2	. CONTACT	V28198		AR
PI303	030-01175-0000	CONNECTOR - AUTOPILOT COMPUTER (ZONE 225)	V22373	(206) 08174 - 08190 (T206) 08362 - 08403	01
PI304	030-01176-0000	CONNECTOR - AUTOPILOT COMPUTER (ZONE 225)	V22373	(206) 08174 - 08190 (T206) 08362 - 08403	01
PI305	030-01171-0000	CONNECTOR - CONFIGURATION MODULE	V22373	(206) 08174 - 08190 (T206) 08362 - 08403	01
PI306	033-00230-0000	CONNECTOR - RS232 INTERFACE (ZONE 220)	V22373	(206) 08174 - 08190 (T206) 08362 - 08403	01
PI307	97-4106A14S-5S	CONNECTOR - TURN COORDINATOR (ZONE 220)	V77820	(206) 08174 - 08190 (T206) 08362 - 08403	01
	97-3057-1007-1	. BACKSHELL	V77820		01
	9755-1622S-4	. CONTACT	V77820		01
PI308	030-02153-0000	CONNECTOR - HORIZONTAL SITUATION INDICATOR	V22373	(206) 08174 - 08190 (T206) 08362 - 08403	01
	S2800-216	. BACKSHELL			01
PI309	030-02178-0000	CONNECTOR - HORIZONTAL SITUATION INDICATOR (ZONE 225)	V22373	(206) 08174 - 08190 (T206) 08362 - 08403	01
	S2800-216	. BACKSHELL			01
PI516	050-01094-0058	CONNECTOR - KMA 28 AUDIO PANEL		(206) 08174 - 08190 (T206) 08362 - 08403	01
PS300	050-03245-0000	CONNECTOR - INSTALLATION KIT (ZONE 610)	V22373	(206) 08174 - 08190 (T206) 08362 - 08403	01
	S1635-1	. CONTACT	V49367		AR
	S1640-9	. CONTACT			01
UI303	065-00176-5402	COMPUTER - DUAL AXIS AUTOPILOT	V22373	(206) 08174 - 08190 (T206) 08362 - 08403	01
UI304	065-00176-5402	COMPUTER - DUAL AXIS AUTOPILOT	V22373	(206) 08174 - 08190 (T206) 08362 - 08403	01
UI305	071-00073-5000	MODULE - CONFIGURATION	V22373	(206) 08174 - 08190 (T206) 08362 - 08403	01
UI307	1394T100-10RA	INDICATOR - TURN COORDINATOR FOR SPARES ORDER (MUST REPLACE WITH): S3291-1	V18006	(206) 08174 - 08190 (T206) 08362 - 08403	01
	S3291-1	TURN COORDINATOR		(206) 08174 - 08190 (T206) 08362 - 08403	01
UI308	066-3046-07	INDICATOR - HORIZONTAL SITUATION INDICATOR	V22373	(206) 08174 - 08190 (T206) 08362 - 08403	01
UI309	066-3046-07	INDICATOR - HORIZONTAL SITUATION	V22373	(206) 08174 - 08190 (T206) 08362 - 08403	01
UI516	066-01176-0101	PANEL - AUDIO	V22373	(206) 08174 - 08190 (T206) 08362 - 08403	01

DUAL AXIS AUTOPILOT

AIRPLANES (206) 08174 THRU 08190 WITH HSI OPTION AND NAV II OPTION AND AIRPLANES (T206) 08362 THRU 08403 WITH HSI OPTION AND NAV II OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	EFFECTIVITY	UNITS PER ASSY
GS301		GROUND STUD - AUTOPILOT COMPUTER (ZONE 225)		RF
GS302	3940359-2	GROUND STUD - PITCH SERVO (ZONE 310)	(206) 08174 - 08190 (T206) 08362 - 08403	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

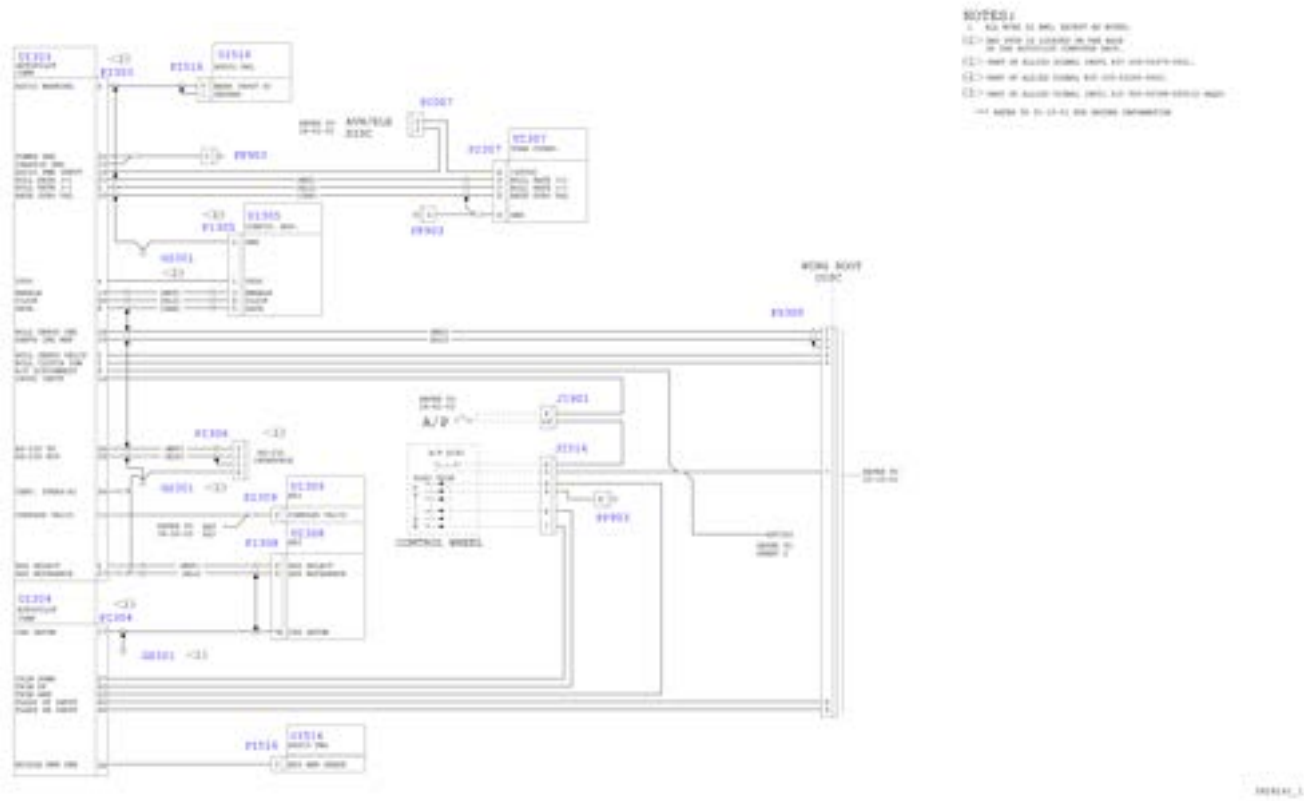
DUAL AXIS AUTOPILOT

AIRPLANES (206) 08174 THRU 08190 WITH HSI OPTION AND NAV II OPTION AND AIRPLANES (T206) 08362 THRU 08403 WITH HSI OPTION AND NAV II OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GS303	3940359-2	GROUND STUD - PITCH TRIM ACTUATOR (ZONE 310)		(206) 08174 - 08190 (T206) 08362 - 08403	01
PC007	S1640-9	CONNECTOR - AVIONICS/ELECTRICAL DISCONNECT (ZONE 224)		(206) 08174 - 08190 (T206) 08362 - 08403	01
	S1635-1	. CONTACT	V49367		AR
	S1636-1	. SOCKET			AR
PI303	030-01175-0000	CONNECTOR - AUTOPILOT COMPUTER (ZONE 225)	V22373	(206) 08174 - 08190 (T206) 08362 - 08403	01
PI304	030-01176-0000	CONNECTOR - AUTOPILOT COMPUTER (ZONE 225)	V22373	(206) 08174 - 08190 (T206) 08362 - 08403	01
PI309	030-02178-0000	CONNECTOR - HORIZONTAL SITUATION INDICATOR (ZONE 225)	V22373	(206) 08174 - 08190 (T206) 08362 - 08403	01
	S2800-216	. BACKSHELL			01
PI704	RD50F10JVL0	CONNECTOR - SWITCHING UNIT (ZONE 225)	V28198	(206) 08174 - 08190 (T206) 08362 - 08403	01
PI705	RD50M10JVL0	CONNECTOR - SWITCHING UNIT (ZONE 225)	V28198	(206) 08174 - 08190 (T206) 08362 - 08403	01
PI800	030-1094-02	CONNECTOR - KT-76C TRANSPONDER (ZONE 310)	V22373	(206) 08174 - 08190 (T206) 08362 - 08403	01
PI900	S3070-9	CONNECTOR KIT - PANEL LIGHTING (ZONE 225)	V49367	(206) 08174 - 08190 (T206) 08362 - 08403	01
	LMD6106P	. MODULE	V49367		01
	LMS01T-TL	. SPLICE	V49367		01
PT300	030-03248-0000	CONNECTOR - PITCH SERVO (ZONE 310)	V22373	(206) 08174 - 08190 (T206) 08362 - 08403	01
PT301	030-03248-0000	CONNECTOR - PITCH TRIM ACTUATOR (ZONE 310)	V22373	(206) 08174 - 08190 (T206) 08362 - 08403	01
UI303	065-00176-5402	COMPUTER - DUAL AXIS AUTOPILOT	V22373	(206) 08174 - 08190 (T206) 08362 - 08403	01
UI304	065-00176-5402	COMPUTER - DUAL AXIS AUTOPILOT	V22373	(206) 08174 - 08190 (T206) 08362 - 08403	01
UI309	066-3046-07	INDICATOR - HORIZONTAL SITUATION	V22373	(206) 08174 - 08190 (T206) 08362 - 08403	01
UI704	MD41-229	SELECTOR - GPS/NAV	V59742	(206) 08174 - 08190 (T206) 08362 - 08403	01
UI705	MD41-229	SELECTOR - GPS/NAV	V59742	(206) 08174 - 08190 (T206) 08362 - 08403	01
UI800		TRANSPONDER - KT-76C (ZONE 225)			RF
UT300	065-00178-2200	PITCH SERVO	V22373	(206) 08174 - 08190 (T206) 08362 - 08403	01
UT301	065-00180-2700	ACTUATOR - PITCH TRIM	V22373	(206) 08174 - 08190 (T206) 08362 - 08403	01

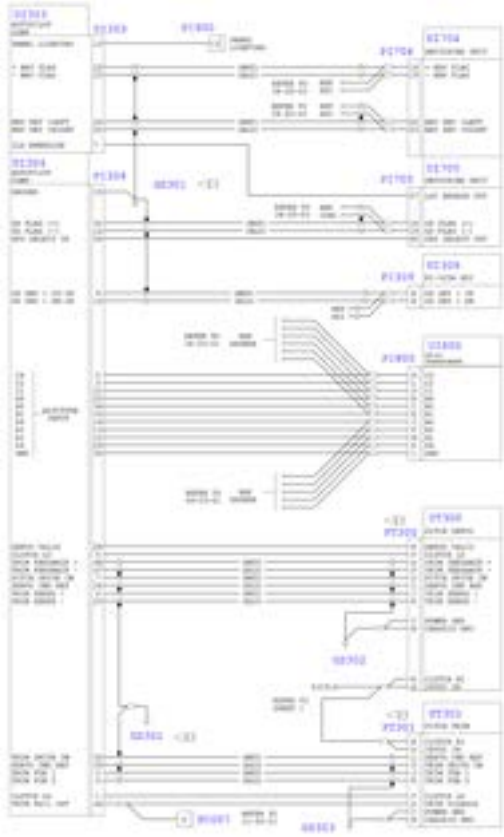
Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 06 : Sheet 01 : DUAL AXIS AUTOPILOT



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 06 : Sheet 02 : DUAL AXIS AUTOPILOT



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

DUAL AXIS AUTOPILOT

AIRPLANES (206) 08191 & ON WITH NAV I OPTION AND AIRPLANES (T206) 08404 & ON WITH NAV I OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
AI303		SPLICE			RF
GS301		GROUND STUD - AUTOPILOT COMPUTER (ZONE 225)			RF
GS309	3940359-2	GROUND STUD (ZONE 224)		(206) 08191 & ON (T206) 08404 & ON	01
JI514	S1641-9	CONNECTOR - PILOT'S CONTROL WHEEL (ZONE 222)		(206) 08191 & ON (T206) 08404 & ON	01
	S1636-1	. CONTACT			AR
JI901	S2350-3	RECEPTACLE - AVIONICS CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08191 & ON (T206) 08404 & ON	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PC007	S1640-9	CONNECTOR - AVIONICS/ELECTRICAL DISCONNECT (ZONE 224)		(206) 08191 & ON (T206) 08404 & ON	01
	S1635-1	. CONTACT	V49367		AR
	S1636-1	. SOCKET			AR
PF903	SK2701	CONNECTOR - GROUND (ZONE 221)	V28198	(206) 08191 & ON (T206) 08404 & ON	01
	FC116N2	. CONTACT	V28198	(206) 08215 - 08283 (T206) 08450 - 08704	AR
	FC120N2	. CONTACT	V28198		AR
PI302	YSK006-11AH	CONNECTOR - DIRECTIONAL GYRO (ZONE 220)	V50541	(206) 08191 & ON (T206) 08404 & ON	04
	D01PB406NT-837	. PLUG 4-PIN	V50541		01
PI303	030-01175-0000	CONNECTOR - AUTOPILOT COMPUTER (ZONE 225)	V22373	(206) 08191 & ON (T206) 08404 & ON	01
PI304	030-01176-0000	CONNECTOR - AUTOPILOT COMPUTER (ZONE 225)	V22373	(206) 08191 & ON (T206) 08404 & ON	01
PI305	030-01171-0000	CONNECTOR - CONFIGURATION MODULE	V22373	(206) 08191 & ON (T206) 08404 & ON	01
PI306	033-00230-0000	CONNECTOR - RS232 INTERFACE (ZONE 220)	V22373	(206) 08191 & ON (T206) 08404 & ON	01
PI307	97-4106A14S-5S	CONNECTOR - TURN COORDINATOR (ZONE 220)	V77820	(206) 08191 & ON (T206) 08404 & ON	01
	97-3057-1007-1	. BACKSHELL	V77820		01
	9755-1622S-4	. CONTACT	V77820		01
PI516	050-01094-0058	CONNECTOR - KMA 28 AUDIO PANEL		(206) 08191 & ON (T206) 08404 & ON	01
PI700	030-03271-0000	CONNECTOR - KLN-89B GLOBAL POSITIONING SYSTEM (ZONE 225)	V22373	(206) 08191 & ON (T206) 08404 & ON	01
PI701	030-03272-0000	CONNECTOR - KLN-94 GPS (ZONE 225)	V22373	(206) 08191 & ON (T206) 08404 & ON	01
PS300	050-03245-0000	CONNECTOR - INSTALLATION KIT (ZONE 610)	V22373	(206) 08191 & ON (T206) 08404 & ON	01
	S1635-1	. CONTACT	V49367		AR
	S1640-9	. CONTACT			01
UI302	S3330-2	INDICATOR - DIRECTIONAL GYRO		(206) 08191 & ON (T206) 08404 & ON	01
UI303	065-00176-5402	COMPUTER - DUAL AXIS AUTOPILOT	V22373	(206) 08191 & ON (T206) 08404 & ON	01
UI304	065-00176-5402	COMPUTER - DUAL AXIS AUTOPILOT	V22373	(206) 08191 & ON (T206) 08404 & ON	01
UI305	071-00073-5000	MODULE - CONFIGURATION	V22373	(206) 08191 & ON (T206) 08404 & ON	01
UI307	1394T100-10RA	INDICATOR - TURN COORDINATOR FOR SPARES ORDER (MUST REPLACE WITH): S3291-1	V18006	(206) 08191 & ON (T206) 08404 & ON	01
	S3291-1	TURN COORDINATOR		(206) 08191 & ON (T206) 08404 & ON	01
UI516	066-01176-0101	PANEL - AUDIO	V22373	(206) 08191 & ON (T206) 08404 & ON	01
UI700	069-01034-0102	RECEIVER - KLN-94 GPS (ZONE 225)	V22373	(206) 08191 & ON (T206) 08404 & ON	01
UI701	069-01034-0102	RECEIVER - KLN-94 GPS	V22373	(206) 08191 & ON (T206) 08404 & ON	01

DUAL AXIS AUTOPILOT

AIRPLANES (206) 08191 & ON WITH NAV I OPTION AND AIRPLANES (T206) 08404 & ON WITH NAV I OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	EFFECTIVITY	UNITS PER ASSY
GS301		GROUND STUD - AUTOPILOT COMPUTER (ZONE 225)		RF

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

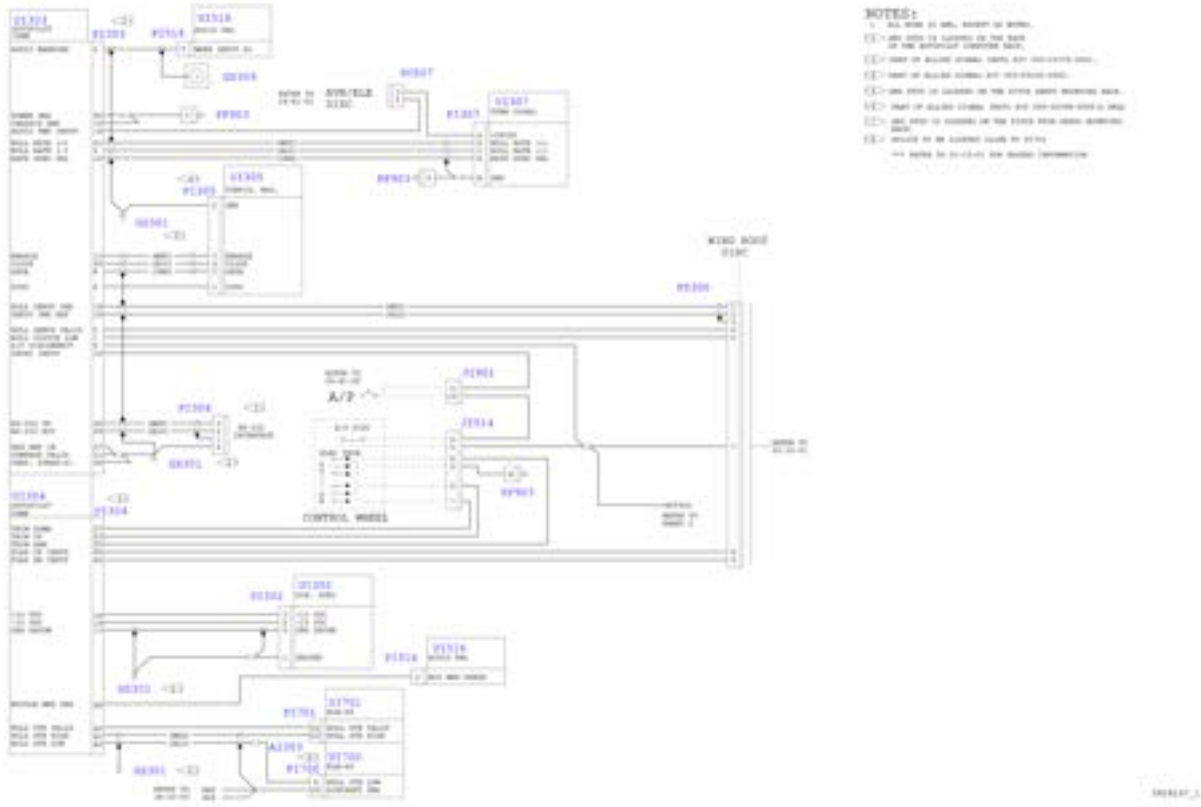
DUAL AXIS AUTOPILOT

AIRPLANES (206) 08191 & ON WITH NAV I OPTION AND AIRPLANES (T206) 08404 & ON WITH NAV I OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GS302	3940359-2	GROUND STUD - PITCH SERVO (ZONE 310)		(206) 08191 & ON (T206) 08404 & ON	01
GS303	3940359-2	GROUND STUD - PITCH TRIM ACTUATOR (ZONE 310)		(206) 08191 & ON (T206) 08404 & ON	01
PC007	S1640-9	CONNECTOR - AVIONICS/ELECTRICAL DISCONNECT (ZONE 224)		(206) 08191 & ON (T206) 08404 & ON	01
	S1635-1	. CONTACT	V49367		AR
	S1636-1	. SOCKET			AR
PI303	030-01175-0000	CONNECTOR - AUTOPILOT COMPUTER (ZONE 225)	V22373	(206) 08191 & ON (T206) 08404 & ON	01
PI304	030-01176-0000	CONNECTOR - AUTOPILOT COMPUTER (ZONE 225)	V22373	(206) 08191 & ON (T206) 08404 & ON	01
PI604	030-01176-0000	CONNECTOR - KI-209A CDI INDICATOR #1 (ZONE 220)	V22373	(206) 08191 & ON (T206) 08404 & ON	01
PI800	030-1094-02	CONNECTOR - KT-76C TRANSPONDER (ZONE 310)	V22373	(206) 08191 & ON (T206) 08404 & ON	01
PI900	S3070-9	CONNECTOR KIT - PANEL LIGHTING (ZONE 225)	V49367	(206) 08191 & ON (T206) 08404 & ON	01
	LMD6106P	. MODULE	V49367		01
	LMS01T-TL	. SPLICE	V49367		01
PT300	030-03248-0000	CONNECTOR - PITCH SERVO (ZONE 310)	V22373	(206) 08191 & ON (T206) 08404 & ON	01
PT301	030-03248-0000	CONNECTOR - PITCH TRIM ACTUATOR (ZONE 310)	V22373	(206) 08191 & ON (T206) 08404 & ON	01
UI303	065-00176-5402	COMPUTER - DUAL AXIS AUTOPILOT	V22373	(206) 08191 & ON (T206) 08404 & ON	01
UI304	065-00176-5402	COMPUTER - DUAL AXIS AUTOPILOT	V22373	(206) 08191 & ON (T206) 08404 & ON	01
UI604	S3100-159	INDICATOR - NAV (ZONE 225)	V22373	(206) 08191 & ON (T206) 08404 & ON	01
UI800		TRANSPONDER - KT-76C (ZONE 225)			RF
UT300	065-00178-2200	PITCH SERVO	V22373	(206) 08191 & ON (T206) 08404 & ON	01
UT301	065-00180-2700	ACTUATOR - PITCH TRIM	V22373	(206) 08191 & ON (T206) 08404 & ON	01

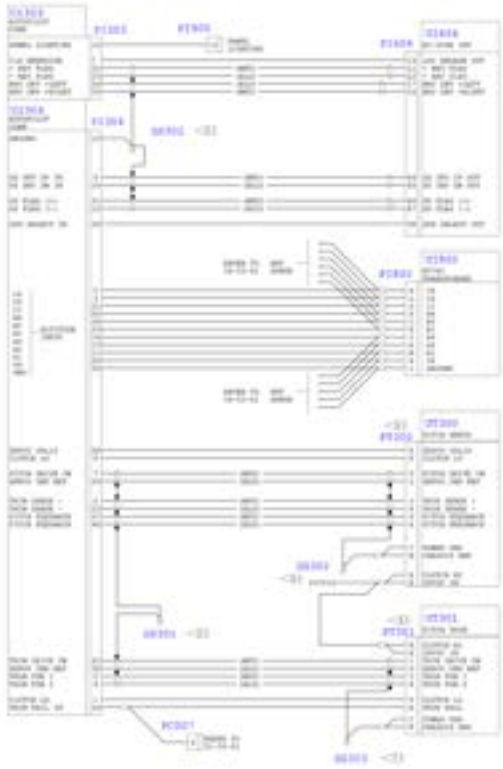
Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 07 : Sheet 01 : DUAL AXIS AUTOPILOT



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 07 : Sheet 02 : DUAL AXIS AUTOPILOT



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

DUAL AXIS AUTOPILOT

AIRPLANES (206) 08191 & ON WITH NAV II OPTION AND AIRPLANES (T206) 08404 & ON WITH NAV II OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
AI303		SPLICE			RF
GS301		GROUND STUD - AUTOPILOT COMPUTER (ZONE 225)			RF
JI514	S1641-9	CONNECTOR - PILOT'S CONTROL WHEEL (ZONE 222)		(206) 08191 & ON (T206) 08404 & ON	01
	S1636-1	. CONTACT			AR
JI901	S2350-3	RECEPTACLE - AVIONICS CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(206) 08191 & ON (T206) 08404 & ON	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PC007	S1640-9	CONNECTOR - AVIONICS/ELECTRICAL DISCONNECT (ZONE 224)		(206) 08191 & ON (T206) 08404 & ON	01
	S1635-1	. CONTACT	V49367		AR
	S1636-1	. SOCKET			AR
PF903	SK2701	CONNECTOR - GROUND (ZONE 221)	V28198	(206) 08191 & ON (T206) 08404 & ON	01
	FC116N2	. CONTACT	V28198	(206) 08215 - 08283 (T206) 08450 - 08704	AR
	FC120N2	. CONTACT	V28198		AR
PI303	030-01175-0000	CONNECTOR - AUTOPILOT COMPUTER (ZONE 225)	V22373	(206) 08191 & ON (T206) 08404 & ON	01
PI304	030-01176-0000	CONNECTOR - AUTOPILOT COMPUTER (ZONE 225)	V22373	(206) 08191 & ON (T206) 08404 & ON	01
PI305	030-01171-0000	CONNECTOR - CONFIGURATION MODULE	V22373	(206) 08191 & ON (T206) 08404 & ON	01
PI306	033-00230-0000	CONNECTOR - RS232 INTERFACE (ZONE 220)	V22373	(206) 08191 & ON (T206) 08404 & ON	01
PI307	97-4106A14S-5S	CONNECTOR - TURN COORDINATOR (ZONE 220)	V77820	(206) 08191 & ON (T206) 08404 & ON	01
	97-3057-1007-1	. BACKSHELL	V77820		01
	9755-1622S-4	. CONTACT	V77820		01
PI308	030-02153-0000	CONNECTOR - HORIZONTAL SITUATION INDICATOR	V22373	(206) 08191 & ON (T206) 08404 & ON	01
	S2800-216	. BACKSHELL			01
PI309	030-02178-0000	CONNECTOR - HORIZONTAL SITUATION INDICATOR (ZONE 225)	V22373	(206) 08191 & ON (T206) 08404 & ON	01
	S2800-216	. BACKSHELL			01
PI516	050-01094-0058	CONNECTOR - KMA 28 AUDIO PANEL		(206) 08191 & ON (T206) 08404 & ON	01
PI700	030-03271-0000	CONNECTOR - KLN-89B GLOBAL POSITIONING SYSTEM (ZONE 225)	V22373	(206) 08191 & ON (T206) 08404 & ON	01
PI701	030-03272-0000	CONNECTOR - KLN-94 GPS (ZONE 225)	V22373	(206) 08191 & ON (T206) 08404 & ON	01
PS300	050-03245-0000	CONNECTOR - INSTALLATION KIT (ZONE 610)	V22373	(206) 08191 & ON (T206) 08404 & ON	01
	S1635-1	. CONTACT	V49367		AR
	S1640-9	. CONTACT			01
UI303	065-00176-5402	COMPUTER - DUAL AXIS AUTOPILOT	V22373	(206) 08191 & ON (T206) 08404 & ON	01
UI304	065-00176-5402	COMPUTER - DUAL AXIS AUTOPILOT	V22373	(206) 08191 & ON (T206) 08404 & ON	01
UI305	071-00073-5000	MODULE - CONFIGURATION	V22373	(206) 08191 & ON (T206) 08404 & ON	01
UI307	1394T100-10RA	INDICATOR - TURN COORDINATOR FOR SPARES ORDER (MUST REPLACE WITH): S3291-1	V18006	(206) 08191 & ON (T206) 08404 & ON	01
	S3291-1	TURN COORDINATOR		(206) 08191 & ON (T206) 08404 & ON	01
UI308	066-3046-07	INDICATOR - HORIZONTAL SITUATION INDICATOR	V22373	(206) 08191 & ON (T206) 08404 & ON	01
UI309	066-3046-07	INDICATOR - HORIZONTAL SITUATION	V22373	(206) 08191 & ON (T206) 08404 & ON	01
UI516	066-01176-0101	PANEL - AUDIO	V22373	(206) 08191 & ON (T206) 08404 & ON	01
UI700	069-01034-0102	RECEIVER - KLN-94 GPS (ZONE 225)	V22373	(206) 08191 & ON (T206) 08404 & ON	01
UI701	069-01034-0102	RECEIVER - KLN-94 GPS	V22373	(206) 08191 & ON (T206) 08404 & ON	01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

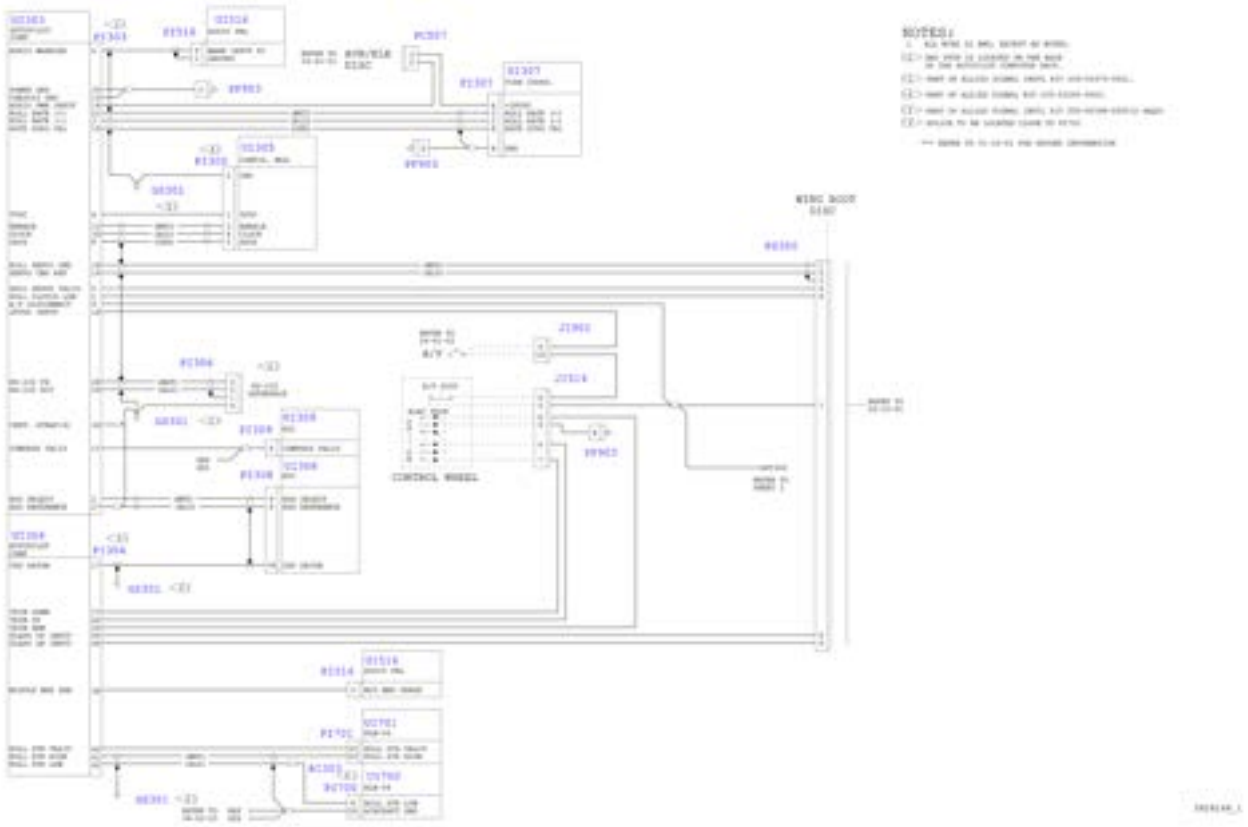
DUAL AXIS AUTOPILOT

AIRPLANES (206) 08191 & ON WITH NAV II OPTION AND AIRPLANES (T206) 08404 & ON WITH NAV II OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GS301		GROUND STUD - AUTOPILOT COMPUTER (ZONE 225)			RF
GS302	3940359-2	GROUND STUD - PITCH SERVO (ZONE 310)		(206) 08191 & ON (T206) 08404 & ON	01
GS303	3940359-2	GROUND STUD - PITCH TRIM ACTUATOR (ZONE 310)		(206) 08191 & ON (T206) 08404 & ON	01
PC007	S1640-9	CONNECTOR - AVIONICS/ELECTRICAL DISCONNECT (ZONE 224)		(206) 08191 & ON (T206) 08404 & ON	01
	S1635-1	. CONTACT	V49367		AR
	S1636-1	. SOCKET			AR
PI303	030-01175-0000	CONNECTOR - AUTOPILOT COMPUTER (ZONE 225)	V22373	(206) 08191 & ON (T206) 08404 & ON	01
PI304	030-01176-0000	CONNECTOR - AUTOPILOT COMPUTER (ZONE 225)	V22373	(206) 08191 & ON (T206) 08404 & ON	01
PI309	030-02178-0000	CONNECTOR - HORIZONTAL SITUATION INDICATOR (ZONE 225)	V22373	(206) 08191 & ON (T206) 08404 & ON	01
	S2800-216	. BACKSHELL			01
PI704	RD50F10JVL0	CONNECTOR - SWITCHING UNIT (ZONE 225)	V28198	(206) 08191 & ON (T206) 08404 & ON	01
PI705	RD50M10JVL0	CONNECTOR - SWITCHING UNIT (ZONE 225)	V28198	(206) 08191 & ON (T206) 08404 & ON	01
PI800	030-1094-02	CONNECTOR - KT-76C TRANSPONDER (ZONE 310)	V22373	(206) 08191 & ON (T206) 08404 & ON	01
PI900	S3070-9	CONNECTOR KIT - PANEL LIGHTING (ZONE 225)	V49367	(206) 08191 & ON (T206) 08404 & ON	01
	LMD6106P	. MODULE	V49367		01
	LMS01T-TL	. SPLICE	V49367		01
PT300	030-03248-0000	CONNECTOR - PITCH SERVO (ZONE 310)	V22373	(206) 08191 & ON (T206) 08404 & ON	01
PT301	030-03248-0000	CONNECTOR - PITCH TRIM ACTUATOR (ZONE 310)	V22373	(206) 08191 & ON (T206) 08404 & ON	01
UI303	065-00176-5402	COMPUTER - DUAL AXIS AUTOPILOT	V22373	(206) 08191 & ON (T206) 08404 & ON	01
UI304	065-00176-5402	COMPUTER - DUAL AXIS AUTOPILOT	V22373	(206) 08191 & ON (T206) 08404 & ON	01
UI309	066-3046-07	INDICATOR - HORIZONTAL SITUATION	V22373	(206) 08191 & ON (T206) 08404 & ON	01
UI704	MD41-229	SELECTOR - GPS/NAV	V59742	(206) 08191 & ON (T206) 08404 & ON	01
UI705	MD41-229	SELECTOR - GPS/NAV	V59742	(206) 08191 & ON (T206) 08404 & ON	01
UI800		TRANSPONDER - KT-76C (ZONE 225)			RF
UT300	065-00178-2200	PITCH SERVO	V22373	(206) 08191 & ON (T206) 08404 & ON	01
UT301	065-00180-2700	ACTUATOR - PITCH TRIM	V22373	(206) 08191 & ON (T206) 08404 & ON	01

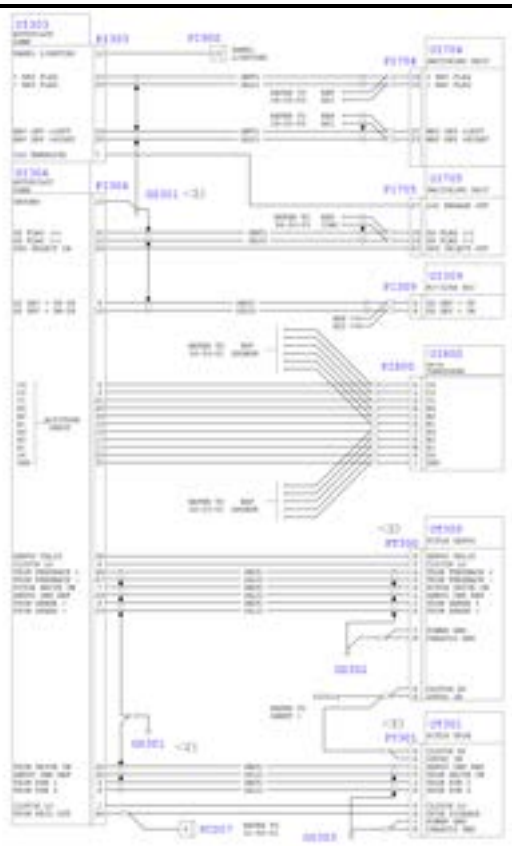
Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 08 : Sheet 01 : DUAL AXIS AUTOPILOT



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 08 : Sheet 02 : DUAL AXIS AUTOPILOT



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

DUAL AXIS AUTOPILOT

AIRPLANES (206) 08215 THRU 08283 WITH NAV III OPTION AND AIRPLANES (T206) 08450 THRU 08704 WITH NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GS301		GROUND STUD - AUTOPILOT COMPUTER (ZONE 225)			RF
JC023	S2350-10	CONNECTOR - AVIONIC CIRCUIT BREAKER DISCONNECT		(206) 08215 - 08283 (T206) 08450 - 08704	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
	S2353-7	. PIN			AR
JI514	S1641-9	CONNECTOR - PILOT'S CONTROL WHEEL (ZONE 222)		(206) 08215 - 08283 (T206) 08450 - 08704	01
	S1636-1	. CONTACT			AR
PF902	SK2701	CONNECTOR - GROUND (ZONE 211)	V28198	(206) 08215 - 08283 (T206) 08450 - 08704	01
	FC116N2	. CRIMP CONTACT	V28198		AR
	FC120N2	. CRIMP CONTACT	V28198		AR
PF903	SK2701	CONNECTOR - GROUND (ZONE 221)	V28198	(206) 08215 - 08283 (T206) 08450 - 08704	01
	FC116N2	. CONTACT	V28198	(206) 08215 - 08283 (T206) 08450 - 08704	AR
	FC120N2	. CONTACT	V28198		AR
PI303	030-01175-0000	CONNECTOR - AUTOPILOT COMPUTER (ZONE 225)	V22373	(206) 08215 - 08283 (T206) 08450 - 08704	01
PI304	030-01176-0000	CONNECTOR - AUTOPILOT COMPUTER (ZONE 225)	V22373	(206) 08215 - 08283 (T206) 08450 - 08704	01
PI305	030-01171-0000	CONNECTOR - CONFIGURATION MODULE	V22373	(206) 08215 - 08283 (T206) 08450 - 08704	01
PI306	033-00230-0000	CONNECTOR - RS232 INTERFACE (ZONE 220)	V22373	(206) 08215 - 08283 (T206) 08450 - 08704	01
PI307	97-4106A14S-5S	CONNECTOR - TURN COORDINATOR (ZONE 220)	V77820	(206) 08215 - 08283 (T206) 08450 - 08704	01
	97-3057-1007-1	. BACKSHELL	V77820		01
	9755-1622S-4	. CONTACT	V77820		01
PI531	330-00185-78	CONNECTOR - AUDIO PANEL	V0TRC3	(206) 08215 - 08283 (T206) 08450 - 08704	01
PI532	330-00185-78	CONNECTOR	V0TRC3	(206) 08215 - 08283 (T206) 08450 - 08704	01
PS300	050-03245-0000	CONNECTOR - INSTALLATION KIT (ZONE 610)	V22373	(206) 08215 - 08283 (T206) 08450 - 08704	01
	S1635-1	. CONTACT	V49367		AR
	S1640-9	. CONTACT			01
UI303	065-00176-5402	COMPUTER - DUAL AXIS AUTOPILOT	V22373	(206) 08215 - 08283 (T206) 08450 - 08704	01
UI304	065-00176-5402	COMPUTER - DUAL AXIS AUTOPILOT	V22373	(206) 08215 - 08283 (T206) 08450 - 08704	01
UI305	071-00073-5000	MODULE - CONFIGURATION	V22373	(206) 08215 - 08283 (T206) 08450 - 08704	01
UI307	1394T100-10RA	INDICATOR - TURN COORDINATOR FOR SPARES ORDER (MUST REPLACE WITH): S3291-1	V18006	(206) 08215 - 08283 (T206) 08450 - 08704	01
	S3291-1	TURN COORDINATOR		(206) 08215 - 08283 (T206) 08450 - 08704	01
UI531	011-00809-00	PANEL - AUDIO	V0TRC3	(206) 08215 - 08283 (T206) 08450 - 08704	01
UI532	011-00809-00	PANEL - AUDIO	V0TRC3	(206) 08215 - 08283 (T206) 08450 - 08704	01

DUAL AXIS AUTOPILOT

AIRPLANES (206) 08215 THRU 08283 WITH NAV III OPTION AND AIRPLANES (T206) 08450 THRU 08704 WITH NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GS301		GROUND STUD - AUTOPILOT COMPUTER (ZONE 225)			RF
GS302	3940359-2	GROUND STUD - PITCH SERVO (ZONE 310)		(206) 08215 - 08283 (T206) 08450 - 08704	01
GS303	3940359-2	GROUND STUD - PITCH TRIM ACTUATOR (ZONE 310)		(206) 08215 - 08283 (T206) 08450 - 08704	01
PI303	030-01175-0000	CONNECTOR - AUTOPILOT COMPUTER (ZONE 225)	V22373	(206) 08215 - 08283 (T206) 08450 - 08704	01
PI304	030-01176-0000	CONNECTOR - AUTOPILOT COMPUTER (ZONE 225)	V22373	(206) 08215 - 08283 (T206) 08450 - 08704	01
PI900	S3070-9	CONNECTOR KIT - PANEL LIGHTING (ZONE 225)	V49367	(206) 08215 - 08283 (T206) 08450 - 08704	01
	LMD6106P	. MODULE	V49367		01

Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

DUAL AXIS AUTOPILOT

AIRPLANES (206) 08215 THRU 08283 WITH NAV III OPTION AND AIRPLANES (T206) 08450 THRU 08704 WITH NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
	LMS01T-TL	. SPLICE	V49367		01
PT300	030-03248-0000	CONNECTOR - PITCH SERVO (ZONE 310)	V22373	(206) 08215 - 08283 (T206) 08450 - 08704	01
PT301	030-03248-0000	CONNECTOR - PITCH TRIM ACTUATOR (ZONE 310)	V22373	(206) 08215 - 08283 (T206) 08450 - 08704	01
PT311	330-00185-44	CONNECTOR	V0TRC3	(206) 08215 - 08283 (T206) 08450 - 08704	01
UI303	065-00176-5402	COMPUTER - DUAL AXIS AUTOPILOT	V22373	(206) 08215 - 08283 (T206) 08450 - 08704	01
UI304	065-00176-5402	COMPUTER - DUAL AXIS AUTOPILOT	V22373	(206) 08215 - 08283 (T206) 08450 - 08704	01
UT300	065-00178-2200	PITCH SERVO	V22373	(206) 08215 - 08283 (T206) 08450 - 08704	01
UT301	065-00180-2700	ACTUATOR - PITCH TRIM	V22373	(206) 08215 - 08283 (T206) 08450 - 08704	01
UT307		COMPUTER - INTEGRATED AVIONICS #2			RF

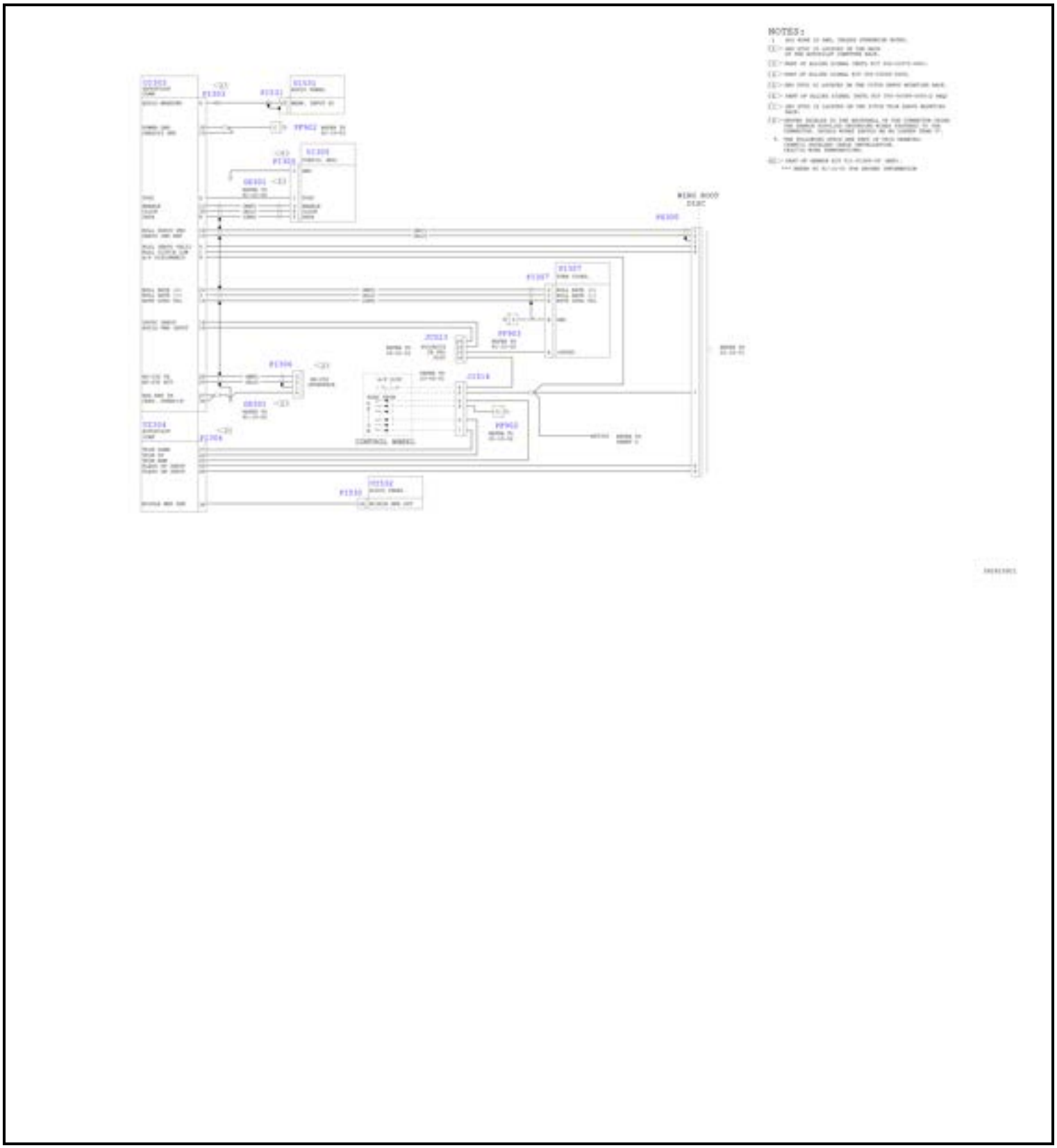
DUAL AXIS AUTOPILOT

AIRPLANES (206) 08215 THRU 08283 WITH NAV III OPTION AND AIRPLANES (T206) 08450 THRU 08704 WITH NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
AI304		SPLICE			RF
GS301		GROUND STUD - AUTOPILOT COMPUTER (ZONE 225)			RF
PI303	030-01175-0000	CONNECTOR - AUTOPILOT COMPUTER (ZONE 225)	V22373	(206) 08215 - 08283 (T206) 08450 - 08704	01
PI304	030-01176-0000	CONNECTOR - AUTOPILOT COMPUTER (ZONE 225)	V22373	(206) 08215 - 08283 (T206) 08450 - 08704	01
PT312	330-00185-78	CONNECTOR	V0TRC3	(206) 08215 - 08283 (T206) 08450 - 08704	01
PT313	330-0185-78	CONNECTOR		(206) 08215 - 08283 (T206) 08450 - 08704	01
PT903	SK2701	CONNECTOR	V28198	(206) 08215 - 08283 (T206) 08450 - 08704	01
	FC116N2	. CONTACT	V28198		AR
	FC120N2	. CONTACT	V28198		AR
UI303	065-00176-5402	COMPUTER - DUAL AXIS AUTOPILOT	V22373	(206) 08215 - 08283 (T206) 08450 - 08704	01
UI304	065-00176-5402	COMPUTER - DUAL AXIS AUTOPILOT	V22373	(206) 08215 - 08283 (T206) 08450 - 08704	01
UT307		COMPUTER - INTEGRATED AVIONICS #2			RF

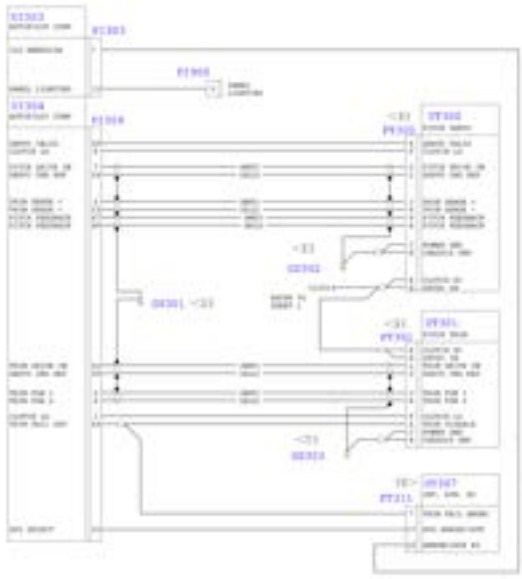
Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 09 : Sheet 01 : DUAL AXIS AUTOPILOT



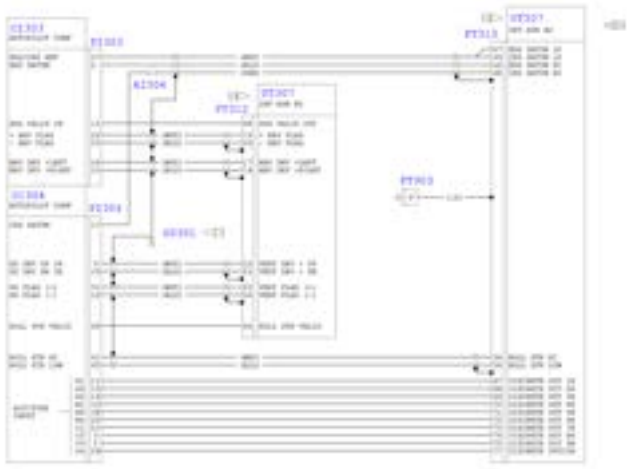
Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 09 : Sheet 02 : DUAL AXIS AUTOPILOT



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 09 : Sheet 03 : DUAL AXIS AUTOPILOT



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

GFC-700 AUTOPILOT - WITH NAV III

AIRPLANES (206) 08284 & ON AND AIRPLANES (T206) 08705 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GS302	3940359-2	GROUND STUD - PITCH SERVO (ZONE 310)		(206) 08284 & ON (T206) 08705 & ON	01
GS303	3940359-2	GROUND STUD - PITCH TRIM ACTUATOR (ZONE 310)		(206) 08284 & ON (T206) 08705 & ON	01
JC023	S2350-10	CONNECTOR - AVIONIC CIRCUIT BREAKER DISCONNECT		(206) 08284 & ON (T206) 08705 & ON	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
	S2353-7	. PIN			AR
JI332	S2035-1	CONNECTOR		(206) 08284 & ON (T206) 08705 & ON	01
	S1635-1	. CONTACT	V49367		AR
JI514	S1641-9	CONNECTOR - PILOT'S CONTROL WHEEL (ZONE 222)		(206) 08284 & ON (T206) 08705 & ON	01
	S1636-1	. CONTACT			AR
JT005	206152-1	RECEPTACLE	V00779	(206) 08284 & ON (T206) 08705 & ON	01
	S2351-1	. BACKSHELL	V00779		01
	M39029/64-369	. CONTACT PIN	V28198		AR
P3471		AUDIO PANEL			RF
PF902	SK2701	CONNECTOR - GROUND (ZONE 211)	V28198	(206) 08284 & ON (T206) 08705 & ON	01
	FC116N2	. CRIMP CONTACT	V28198		AR
	FC120N2	. CRIMP CONTACT	V28198		AR
PF903	SK2701	CONNECTOR - GROUND (ZONE 221)	V28198	(206) 08284 & ON (T206) 08705 & ON	01
	FC116N2	. CONTACT	V28198	(206) 08215 - 08283 (T206) 08450 - 08704	AR
	FC120N2	. CONTACT	V28198		AR
PI531	330-00185-78	CONNECTOR - AUDIO PANEL	V0TRC3	(206) 08284 & ON (T206) 08705 & ON	01
PS301	S1640-12	CONNECTOR		(206) 08284 & ON (T206) 08705 & ON	01
	S1635-1	. CONTACT	V49367		AR
PT005	205839-3	CONNECTOR	V00779	(206) 08284 & ON (T206) 08705 & ON	01
	S2351-1	. BACKSHELL	V00779		01
	M39029/63-368	. SOCKET CONTACT	V28198		AR
PT304	330-00185-78	CONNECTOR - INTEGRATED AVIONICS COMPUTER	V0TRC3	(206) 08284 & ON (T206) 08705 & ON	01
PT307	330-00366-62	CONNECTOR - AVIONIC #2	V0TRC3	(206) 08284 & ON (T206) 08705 & ON	01
PT308		CONNECTOR			RF
PT309	330-00185-78	CONNECTOR - INTEGRATED AVIONIC #1	V0TRC3	(206) 08284 & ON (T206) 08705 & ON	01
PT311	330-00185-44	CONNECTOR	V0TRC3	(206) 08284 & ON (T206) 08705 & ON	01
PT312	330-00185-78	CONNECTOR	V0TRC3	(206) 08284 & ON (T206) 08705 & ON	01
PT315	011-01027-00	CONNECTOR KIT	V0TRC3	(206) 08284 & ON (T206) 08705 & ON	01
PT316	011-01027-00	CONNECTOR KIT	V0TRC3	(206) 08284 & ON (T206) 08705 & ON	01

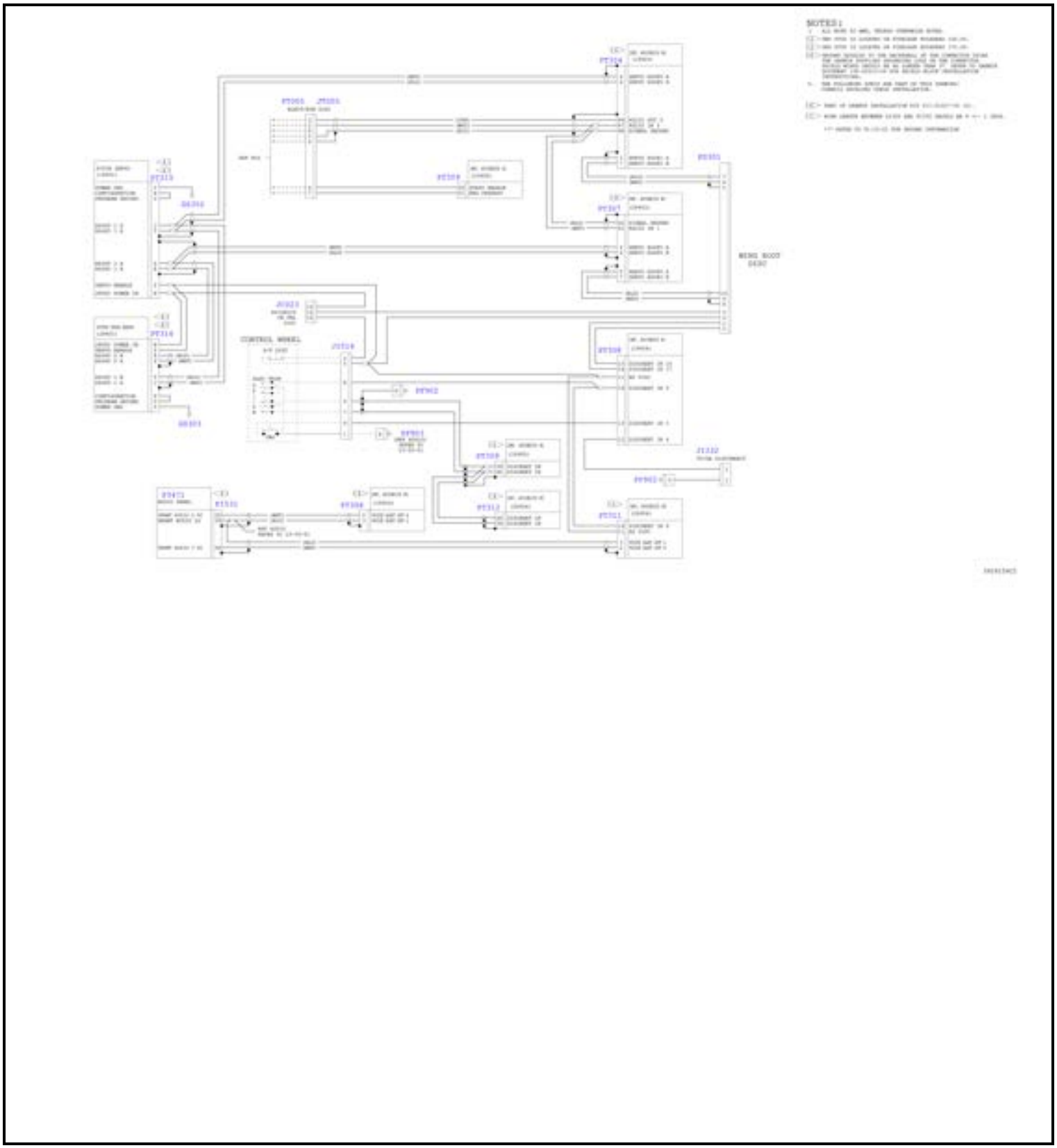
GFC-700 AUTOPILOT - WITH NAV III

AIRPLANES (206) 08284 & ON AND AIRPLANES (T206) 08705 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
PI332	S1636-1	SOCKET		(206) 08284 & ON (T206) 08705 & ON	01
	S2035-2	. HOUSING	V00779		AR
SI300	S2870-1	SWITCH - GO AROUND		(206) 08284 & ON (T206) 08705 & ON	01
	S2870-2	. NUT			01

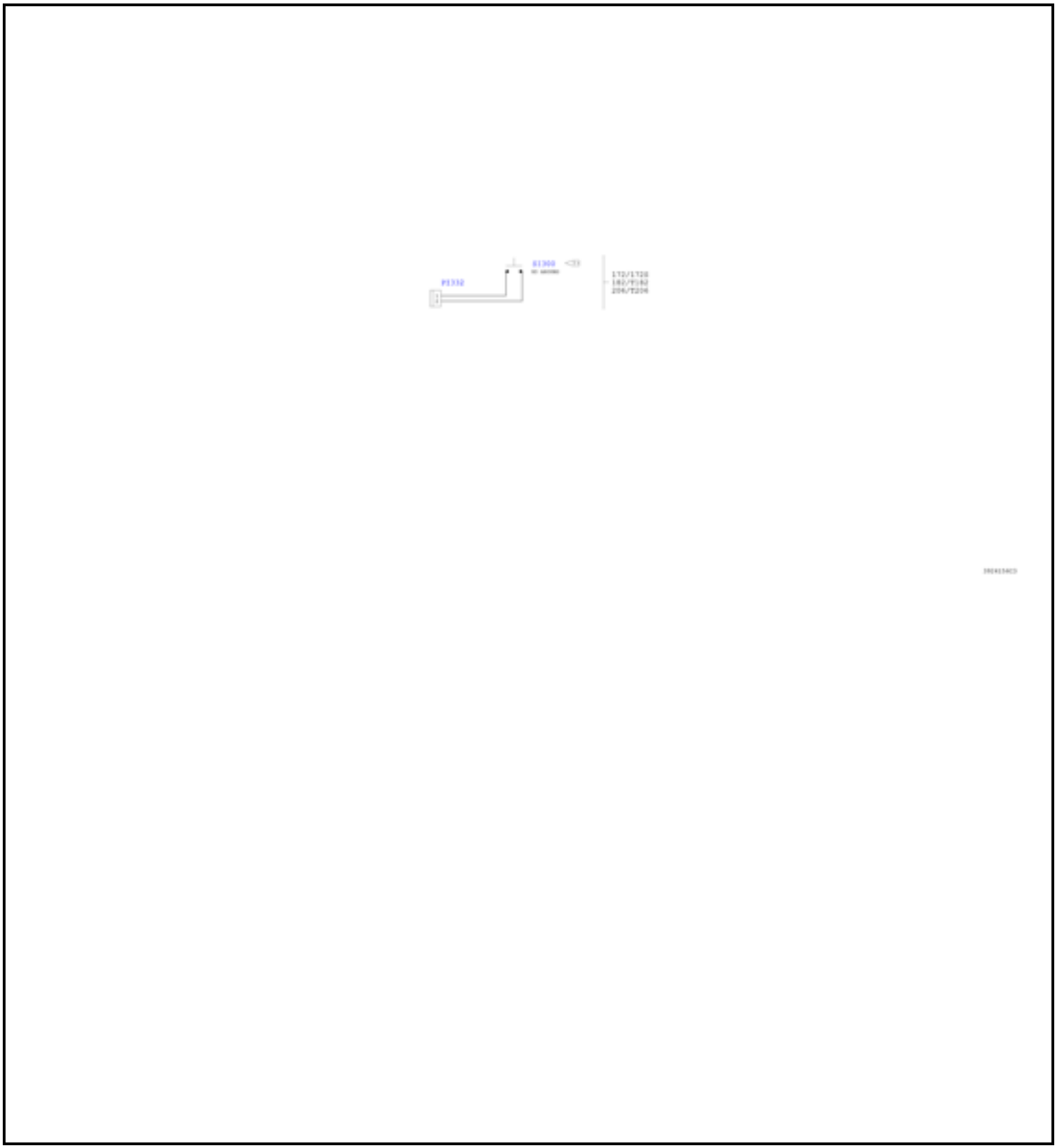
Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 01 : Sheet 01 : GFC-700 AUTOPILOT - WITH NAV III



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.

Figure 01 : Sheet 02 : GFC-700 AUTOPILOT - WITH NAV III



Copyright © Textron Aviation Inc.
Retain printed data for historical reference only. For future maintenance, use only current data.