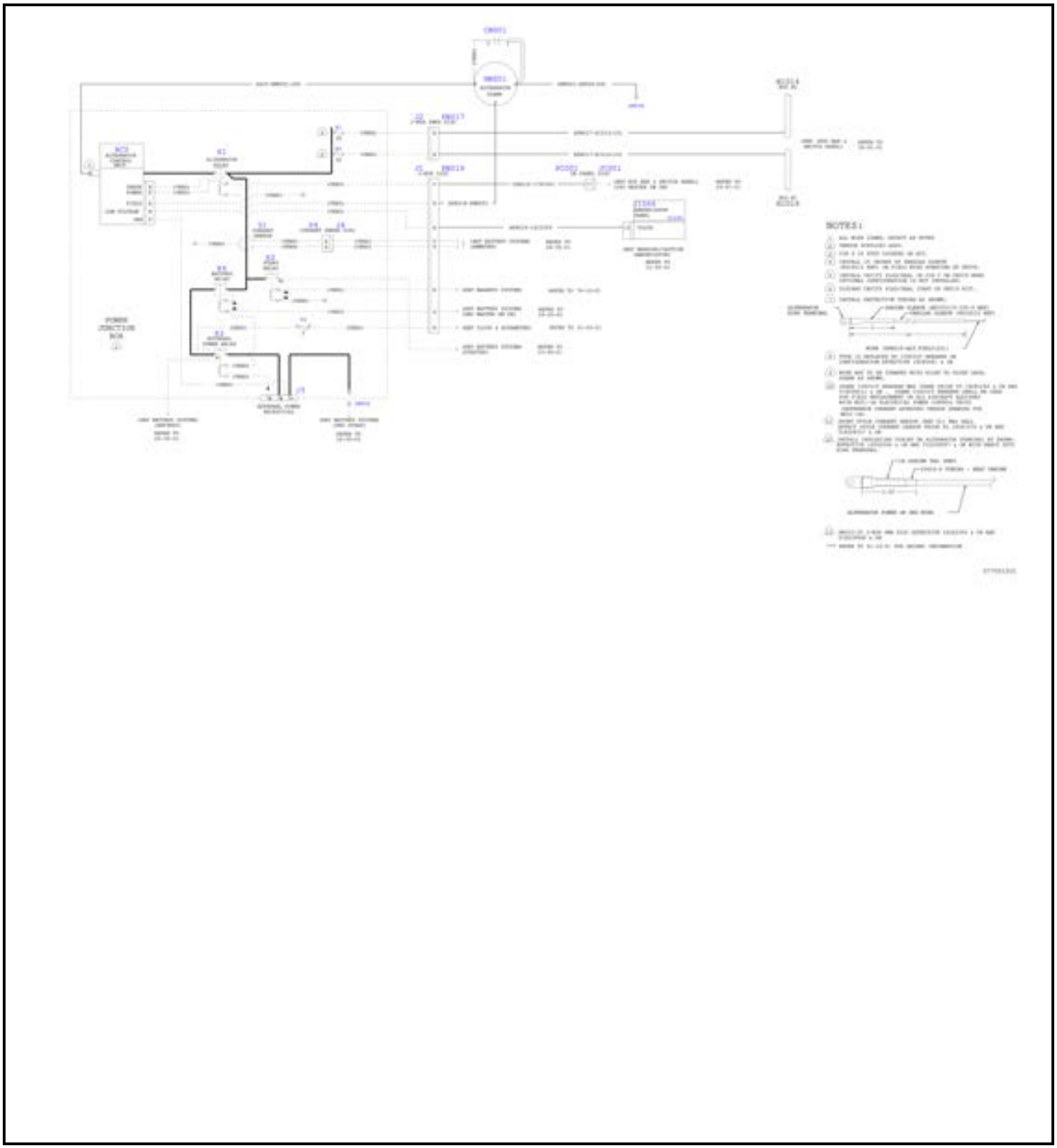
ALTERNATOR SYSTEM

AIRPLANES (182) 80001 THRU 80944

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
ACU		CONTROL UNIT - ALTERNATOR			RF
CN001	S1915-2	CAPACITOR - ALTERNATOR (ZONE 120)		(182) 80001 - 80944	01
F1	P52-0006	FUSE	V65702	(182) 80001 - 80944	01
F1	F53-0002	FUSE (ZONE 120)	V65702	(182) 80001 - 80944	01
F2	F53-0002	FUSE (ZONE 120)	V65702	(182) 80001 - 80944	01
F2	P52-0006	FUSE	V65702	(182) 80001 - 80944	01
F4	F51-0003	FUSE - CLOCK (ZONE 120) ALTERNATE SPARE (INTERCHANGEABLE WITH): AGC5	V3RCD2	(182) 80001 - 80944	01
	AGC5	FUSE ALTERNATE SPARE (INTERCHANGEABLE WITH): F51-0003	V71400	(182) 80001 - 80944	01
GN002	5/16-18NC	GROUND STUD	V65702	(182) 80001 - 80944	01
GN008		GROUND (ZONE 211)			RF
J1	39-0050588-00	CONNECTOR - STROBE DISCONNECT (ZONE 121)	V10402	(182) 80001 - 80944	01
	39-0403023-04	. CONTACT	V10402		01
J2	770585-1	CONNECTOR - POWER SUPPLY DISCONNECT (ZONE 121)	V00779	(182) 80001 - 80944	01
J3	MS3506-1	CONNECTOR (ZONE 121)	V96906	(182) 80001 - 80944	01
J4		CONNECTOR (ZONE 121)			RF
JC001	S2349-5	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(182) 80001 - 80944	01
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
JI006	770585-1	CONNECTOR (ZONE 225)	V00779	(182) 80001 - 80944	01
	170365-3	. CONTACT	V00779	(182) 80001 - 80944	AR
	S3556-26	. CONTACT		(182) 80945 & ON	AR
K1	X61-0007	RELAY - ALTERNATOR (ZONE 121)	V3RCD2	(182) 80001 - 80944	01
K2	X61-0012	RELAY - START (ZONE 121) ALTERNATE SPARE (INTERCHANGEABLE WITH): X61-0027 * AIRPLANES (182) 80001 & ON NOT INCORPORATING SB07-80-01 * AIRPLANES (T182) 08001 & ON NOT INCORPORATING SB07-80-01	V3RCD2	(182) *80001 & ON (T182) *08001 & ON	01
	X61-0027	RELAY - START ALTERNATE SPARE (INTERCHANGEABLE WITH): X61-0012	V3RCD2	(182) 80001 - 80944	01
K3	X61-0007	RELAY - EXTERNAL POWER (ZONE 121)	V3RCD2	(182) 80001 - 80944	01
K4	X61-0007	RELAY - BATTERY (ZONE 121)	V3RCD2	(182) 80001 - 80944	01
MN001		ALTERNATOR			RF
P4		CONNECTOR - POWER JUNCTION BOX (ZONE 121)			RF
PB017	S2800-275	CONNECTOR KIT - POWER JUNCTION BOX (ZONE 121)		(182) 80001 - 80944	01
PB018	S2800-274	CONNECTOR - POWER JUNCTION BOX (ZONE 121)		(182) 80001 - 80944	01
PC001	S2350-10	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(182) 80001 - 80944	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
U1		POWER CONVERTER ASSY			RF
UI005		ANNUNCIATOR PANEL			RF

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Figure 01 : Sheet 01 : ALTERNATOR SYSTEM



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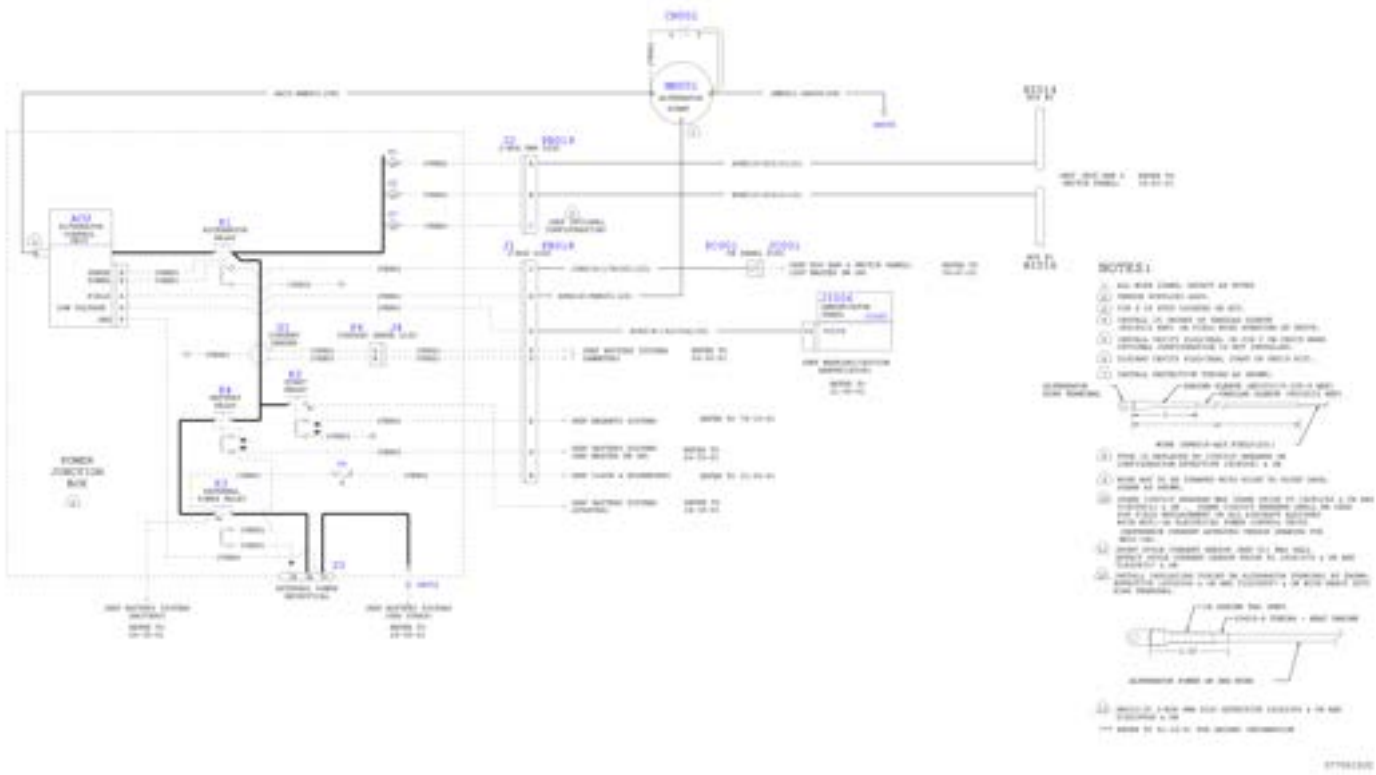
ALTERNATOR SYSTEM

AIRPLANES (182) 80945 THRU 81197

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
ACU		CONTROL UNIT - ALTERNATOR			RF
CN001	S1915-2	CAPACITOR - ALTERNATOR (ZONE 120)		(182) 80945 - 81197	01
F1	F53-0002	FUSE (ZONE 120)	V65702	(182) 80945 - 81197	01
F2	F53-0002	FUSE (ZONE 120)	V65702	(182) 80945 - 81197	01
F3	53-0002	FUSE (ZONE 120)	V65702	(182) 80945 - 81197	01
F4	F51-0003	FUSE - CLOCK (ZONE 120) ALTERNATE SPARE (INTERCHANGEABLE WITH): AGC5	V3RCD2	(182) 80945 - 81197	01
	AGC5	FUSE ALTERNATE SPARE (INTERCHANGEABLE WITH): F51-0003	V71400	(182) 80945 - 81197	01
GN002	5/16-18NC	GROUND STUD	V65702	(182) 80945 - 81197	01
GN008		GROUND (ZONE 211)			RF
J1	39-0050588-00	CONNECTOR - STROBE DISCONNECT (ZONE 121)	V10402	(182) 80945 - 81197	01
	39-0403023-04	. CONTACT	V10402		01
J2	770585-1	CONNECTOR - POWER SUPPLY DISCONNECT (ZONE 121)	V00779	(182) 80945 - 81197	01
J3	MS3506-1	CONNECTOR (ZONE 121)	V96906	(182) 80945 - 81197	01
J4		CONNECTOR (ZONE 121)			RF
JC001	S2349-5	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(182) 80945 - 81197	01
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
JI006	770585-1	CONNECTOR (ZONE 225)	V00779	(182) 80945 - 81197	01
	170365-3	. CONTACT	V00779	(182) 80001 - 80944	AR
	S3556-26	. CONTACT		(182) 80945 & ON	AR
K1	X61-0007	RELAY - ALTERNATOR (ZONE 121)	V3RCD2	(182) 80945 - 81197	01
K2	X61-0012	RELAY - START (ZONE 121) ALTERNATE SPARE (INTERCHANGEABLE WITH): X61-0027 * AIRPLANES (182) 80001 & ON NOT INCORPORATING SB07-80-01 * AIRPLANES (T182) 08001 & ON NOT INCORPORATING SB07-80-01	V3RCD2	(182) *80001 & ON (T182) *08001 & ON	01
	X61-0027	RELAY - START ALTERNATE SPARE (INTERCHANGEABLE WITH): X61-0012	V3RCD2	(182) 80945 - 81197	01
K3	X61-0007	RELAY - EXTERNAL POWER (ZONE 121)	V3RCD2	(182) 80945 - 81197	01
K4	X61-0007	RELAY - BATTERY (ZONE 121)	V3RCD2	(182) 80945 - 81197	01
MN001		ALTERNATOR			RF
P4		CONNECTOR - POWER JUNCTION BOX (ZONE 121)			RF
PB018	S2800-274	CONNECTOR - POWER JUNCTION BOX (ZONE 121)		(182) 80945 - 81197	01
PB019	KTKSAD10280X3	CONNECTOR KIT - POWER JUNCTION BOX (ZONE 121)	V1F242	(182) 80945 - 81197	01
	KTKSAD10FT	. TERMINAL KIT	V1F242	(182) 08001 & ON	01
PC001	S2350-10	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(182) 80945 - 81197	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
U1		POWER CONVERTER ASSY			RF
UI005		ANNUNCIATOR PANEL			RF

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Figure 02 : Sheet 01 : ALTERNATOR SYSTEM



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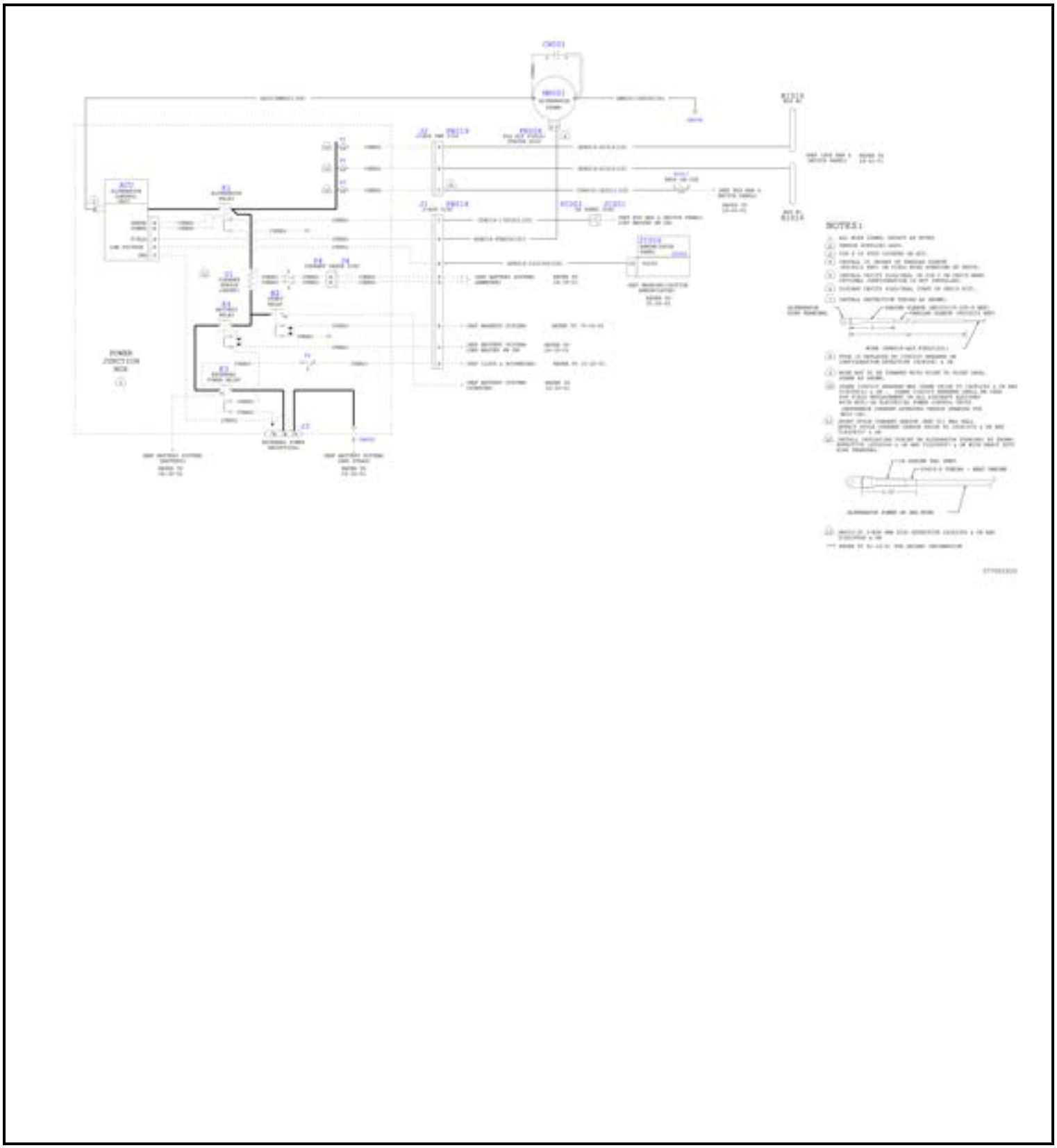
ALTERNATOR SYSTEM

AIRPLANES (T182) 08001 & ON WITHOUT NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
ACU		CONTROL UNIT - ALTERNATOR			RF
CN001	S1915-2	CAPACITOR - ALTERNATOR (ZONE 120)		(T182) 08001 & ON	01
F1	F53-0006	FUSE (ZONE 120) ALTERNATE SPARE (INTERCHANGEABLE WITH): 123A40-B2P	V3RCD2	(T182) 08001 & ON	01
	123A40-B2P	FUSE ALTERNATE SPARE (INTERCHANGEABLE WITH): F53-0006	V65702	(T182) 08001 & ON	01
F2	F53-0006	FUSE (ZONE 120) ALTERNATE SPARE (INTERCHANGEABLE WITH): 123A40-B2P	V3RCD2	(T182) 08001 & ON	01
	123A40-B2P	FUSE ALTERNATE SPARE (INTERCHANGEABLE WITH): F53-0006	V65702	(T182) 08001 & ON	01
F3	F53-0006	FUSE (ZONE 120) ALTERNATE SPARE (INTERCHANGEABLE WITH): 123A40-B2P	V3RCD2	(T182) 08001 & ON	01
	123A40-B2P	FUSE ALTERNATE SPARE (INTERCHANGEABLE WITH): F53-0006	V65702	(T182) 08001 & ON	01
F4	F51-0003	FUSE - CLOCK (ZONE 120) ALTERNATE SPARE (INTERCHANGEABLE WITH): AGC5	V3RCD2	(T182) 08001 & ON	01
	AGC5	FUSE ALTERNATE SPARE (INTERCHANGEABLE WITH): F51-0003	V71400	(T182) 08001 & ON	01
GN002	5/16-18NC	GROUND STUD	V65702	(T182) 08001 & ON	01
GN008		GROUND (ZONE 211)			RF
HI011	CM3589-20	CIRCUIT BREAKER (ZONE 224)		(T182) 08001 & ON	01
HI011	S1360-20L	CIRCUIT BREAKER (ZONE 224)		(T182) 08001 & ON	01
J1	39-0050588-00	CONNECTOR - STROBE DISCONNECT (ZONE 121)	V10402	(T182) 08001 & ON	01
	39-0403023-04	. CONTACT	V10402		01
J2	770585-1	CONNECTOR - POWER SUPPLY DISCONNECT (ZONE 121)	V00779	(T182) 08001 & ON	01
J3	MS3506-1	CONNECTOR (ZONE 121)	V96906	(T182) 08001 & ON	01
J4		CONNECTOR (ZONE 121)			RF
JC001	S2349-5	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(T182) 08001 & ON	01
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
JI006	770585-1	CONNECTOR (ZONE 225)	V00779	(T182) 08001 & ON	01
	170365-3	. CONTACT	V00779	(182) 80001 - 80944	AR
	S3556-26	. CONTACT		(182) 80945 & ON	AR
K1	X61-0007	RELAY - ALTERNATOR (ZONE 121)	V3RCD2	(T182) 08001 & ON	01
K2	X61-0012	RELAY - START (ZONE 121) ALTERNATE SPARE (INTERCHANGEABLE WITH): X61-0027 * AIRPLANES (182) 80001 & ON NOT INCORPORATING SB07-80-01 * AIRPLANES (T182) 08001 & ON NOT INCORPORATING SB07-80-01	V3RCD2	(182) *80001 & ON (T182) *08001 & ON	01
	X61-0027	RELAY - START ALTERNATE SPARE (INTERCHANGEABLE WITH): X61-0012	V3RCD2	(T182) 08001 & ON	01
K3	X61-0007	RELAY - EXTERNAL POWER (ZONE 121)	V3RCD2	(T182) 08001 & ON	01
K4	X61-0007	RELAY - BATTERY (ZONE 121)	V3RCD2	(T182) 08001 & ON	01
MN001		ALTERNATOR			RF
P4		CONNECTOR - POWER JUNCTION BOX (ZONE 121)			RF
PB018	S2800-274	CONNECTOR - POWER JUNCTION BOX (ZONE 121)		(T182) 08001 & ON	01
PB019	KTKSAD10280X3	CONNECTOR KIT - POWER JUNCTION BOX (ZONE 121)	V1F242	(T182) 08001 & ON	01
	KTKSAD10FT	. TERMINAL KIT	V1F242	(182) 08001 & ON	01
PC001	S2350-10	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(T182) 08001 & ON	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PN008	2570101-1	CONNECTOR - ALTERNATOR (ZONE 120)		(T182) 08001 & ON	01
	S2376-2	. CONTACT			AR
U1		POWER CONVERTER ASSY			RF
UI005		ANNUNCIATOR PANEL			RF

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Figure 03 : Sheet 01 : ALTERNATOR SYSTEM



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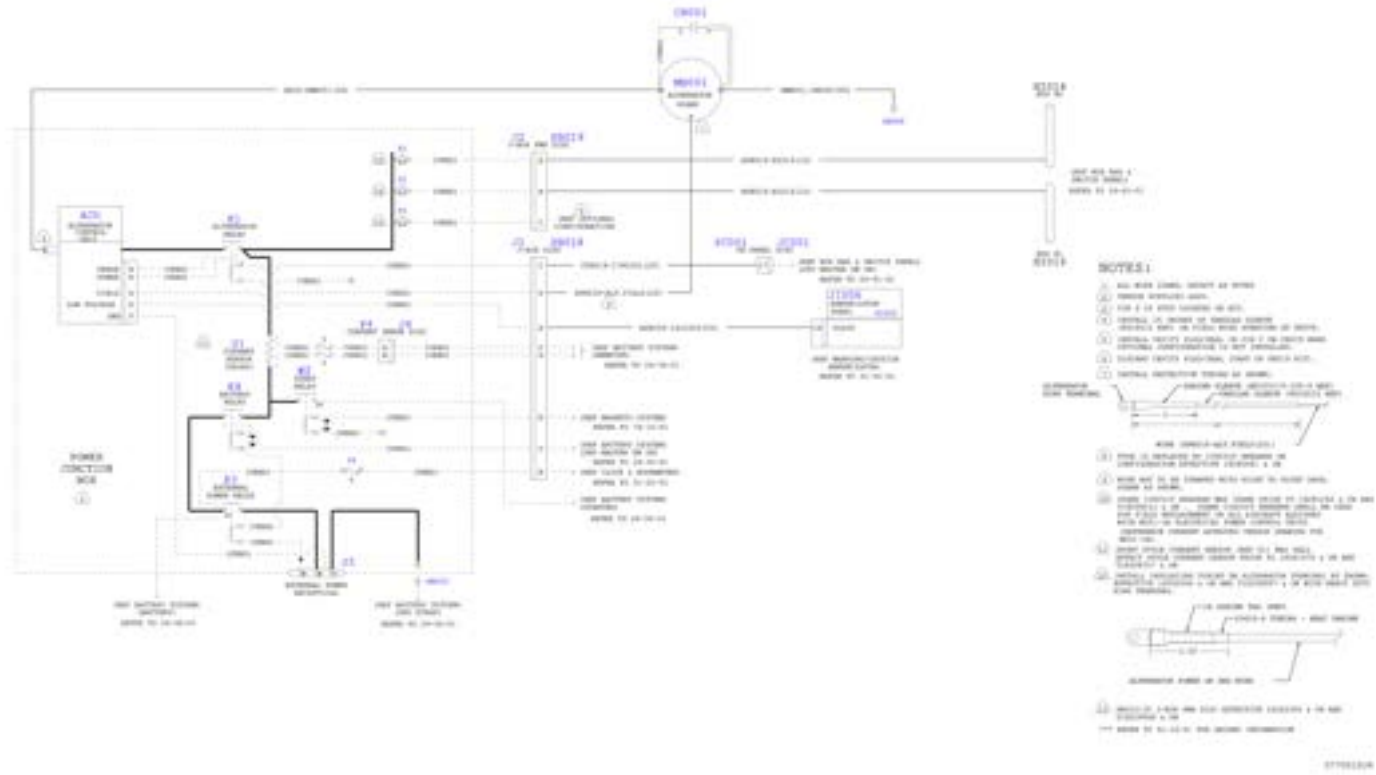
ALTERNATOR SYSTEM

AIRPLANES (182) 81198 & ON WITHOUT NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
ACU		CONTROL UNIT - ALTERNATOR			RF
CN001	S1915-2	CAPACITOR - ALTERNATOR (ZONE 120)		(182) 81198 & ON	01
F1	F53-0006	FUSE (ZONE 120) ALTERNATE SPARE (INTERCHANGEABLE WITH): 123A40-B2P	V3RCD2	(182) 81198 & ON	01
	123A40-B2P	FUSE ALTERNATE SPARE (INTERCHANGEABLE WITH): F53-0006	V65702	(182) 81198 & ON	01
F2	F53-0006	FUSE (ZONE 120) ALTERNATE SPARE (INTERCHANGEABLE WITH): 123A40-B2P	V3RCD2	(182) 81198 & ON	01
	123A40-B2P	FUSE ALTERNATE SPARE (INTERCHANGEABLE WITH): F53-0006	V65702	(182) 81198 & ON	01
F3	F53-0006	FUSE (ZONE 120) ALTERNATE SPARE (INTERCHANGEABLE WITH): 123A40-B2P	V3RCD2	(182) 81198 & ON	01
	123A40-B2P	FUSE ALTERNATE SPARE (INTERCHANGEABLE WITH): F53-0006	V65702	(182) 81198 & ON	01
F4	F51-0003	FUSE - CLOCK (ZONE 120) ALTERNATE SPARE (INTERCHANGEABLE WITH): AGC5	V3RCD2	(182) 81198 & ON	01
	AGC5	FUSE ALTERNATE SPARE (INTERCHANGEABLE WITH): F51-0003	V71400	(182) 81198 & ON	01
GN002	5/16-18NC	GROUND STUD	V65702	(182) 81198 & ON	01
GN008		GROUND (ZONE 211)			RF
J1	39-0050588-00	CONNECTOR - STROBE DISCONNECT (ZONE 121)	V10402	(182) 81198 & ON	01
	39-0403023-04	. CONTACT	V10402		01
J2	770585-1	CONNECTOR - POWER SUPPLY DISCONNECT (ZONE 121)	V00779	(182) 81198 & ON	01
J3	MS3506-1	CONNECTOR (ZONE 121)	V96906	(182) 81198 & ON	01
J4		CONNECTOR (ZONE 121)			RF
JC001	S2349-5	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(182) 81198 & ON	01
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
JI006	770585-1	CONNECTOR (ZONE 225)	V00779	(182) 81198 & ON	01
	170365-3	. CONTACT	V00779	(182) 80001 - 80944	AR
	S3556-26	. CONTACT		(182) 80945 & ON	AR
K1	X61-0007	RELAY - ALTERNATOR (ZONE 121)	V3RCD2	(182) 81198 & ON	01
K2	X61-0012	RELAY - START (ZONE 121) ALTERNATE SPARE (INTERCHANGEABLE WITH): X61-0027 * AIRPLANES (182) 80001 & ON NOT INCORPORATING SB07-80-01 * AIRPLANES (T182) 08001 & ON NOT INCORPORATING SB07-80-01	V3RCD2	(182) *80001 & ON (T182) *08001 & ON	01
	X61-0027	RELAY - START ALTERNATE SPARE (INTERCHANGEABLE WITH): X61-0012	V3RCD2	(182) 81198 & ON	01
K3	X61-0007	RELAY - EXTERNAL POWER (ZONE 121)	V3RCD2	(182) 81198 & ON	01
K4	X61-0007	RELAY - BATTERY (ZONE 121)	V3RCD2	(182) 81198 & ON	01
MN001		ALTERNATOR			RF
P4		CONNECTOR - POWER JUNCTION BOX (ZONE 121)			RF
PB018	S2800-274	CONNECTOR - POWER JUNCTION BOX (ZONE 121)		(182) 81198 & ON	01
PB019	KTKSAD10280X3	CONNECTOR KIT - POWER JUNCTION BOX (ZONE 121)	V1F242	(182) 81198 & ON	01
	KTKSAD10FT	. TERMINAL KIT	V1F242	(182) 08001 & ON	01
PC001	S2350-10	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(182) 81198 & ON	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
U1		POWER CONVERTER ASSY			RF
UI005		ANNUNCIATOR PANEL			RF

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Figure 04 : Sheet 01 : ALTERNATOR SYSTEM



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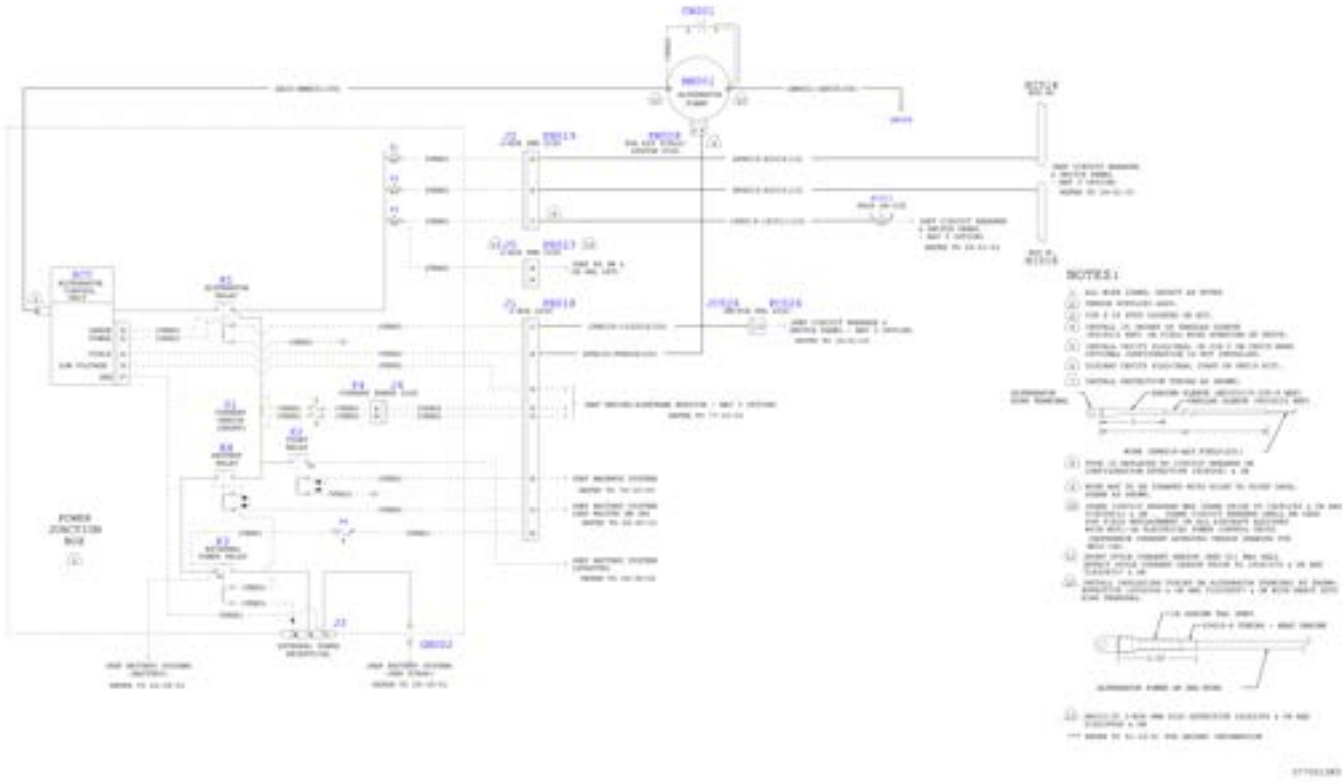
ALTERNATOR SYSTEM W/NAV III

AIRPLANES (182) 08232 & ON WITH NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
ACU		CONTROL UNIT - ALTERNATOR			RF
CN001	S1915-2	CAPACITOR - ALTERNATOR (ZONE 120)		(182) 08232 & ON	01
F1	F53-0006	FUSE (ZONE 120) ALTERNATE SPARE (INTERCHANGEABLE WITH): 123A40-B2P	V3RCD2	(182) 08232 & ON	01
	123A40-B2P	FUSE ALTERNATE SPARE (INTERCHANGEABLE WITH): F53-0006	V65702	(182) 08232 & ON	01
F2	F53-0006	FUSE (ZONE 120) ALTERNATE SPARE (INTERCHANGEABLE WITH): 123A40-B2P	V3RCD2	(182) 08232 & ON	01
	123A40-B2P	FUSE ALTERNATE SPARE (INTERCHANGEABLE WITH): F53-0006	V65702	(182) 08232 & ON	01
F3	F53-0006	FUSE (ZONE 120) ALTERNATE SPARE (INTERCHANGEABLE WITH): 123A40-B2P	V3RCD2	(182) 08232 & ON	01
	123A40-B2P	FUSE ALTERNATE SPARE (INTERCHANGEABLE WITH): F53-0006	V65702	(182) 08232 & ON	01
F4	F51-0003	FUSE - CLOCK (ZONE 120) ALTERNATE SPARE (INTERCHANGEABLE WITH): AGC5	V3RCD2	(182) 08232 & ON	01
	AGC5	FUSE ALTERNATE SPARE (INTERCHANGEABLE WITH): F51-0003	V71400	(182) 08232 & ON	01
GN002	5/16-18NC	GROUND STUD	V65702	(182) 08232 & ON	01
GN008		GROUND (ZONE 211)			RF
HI011	CM3589-20	CIRCUIT BREAKER (ZONE 224)		(182) 08232 & ON	01
J1	39-0050588-00	CONNECTOR - STROBE DISCONNECT (ZONE 121)	V10402	(182) 08232 & ON	01
	39-0403023-04	. CONTACT	V10402		01
J2	770585-1	CONNECTOR - POWER SUPPLY DISCONNECT (ZONE 121)	V00779	(182) 08232 & ON	01
J3	MS3506-1	CONNECTOR (ZONE 121)	V96906	(182) 08232 & ON	01
J4		CONNECTOR (ZONE 121)			RF
J5		CONNECTOR			RF
JC026	S2350-3	HOUSING - RECEPTACLE (ZONE 220)		(182) 81318 & ON (T182) 08232 & ON	01
	S2353-4	. CONTACT			AR
	S2353-6	. CONTACT		(182) 81318 - 82280	AR
	S3373-1	. CONTACT			AR
	S2353-5	. PIN			AR
K1	X61-0007	RELAY - ALTERNATOR (ZONE 121)	V3RCD2	(182) 08232 & ON	01
K2	X61-0012	RELAY - START (ZONE 121) ALTERNATE SPARE (INTERCHANGEABLE WITH): X61-0027 * AIRPLANES (182) 80001 & ON NOT INCORPORATING SB07-80-01 * AIRPLANES (T182) 08001 & ON NOT INCORPORATING SB07-80-01	V3RCD2	(182) *80001 & ON (T182) *08001 & ON	01
	X61-0027	RELAY - START ALTERNATE SPARE (INTERCHANGEABLE WITH): X61-0012	V3RCD2	(182) 08232 & ON	01
K3	X61-0007	RELAY - EXTERNAL POWER (ZONE 121)	V3RCD2	(182) 08232 & ON	01
K4	X61-0007	RELAY - BATTERY (ZONE 121)	V3RCD2	(182) 08232 & ON	01
MN001		ALTERNATOR			RF
P4		CONNECTOR - POWER JUNCTION BOX (ZONE 121)			RF
PB018	S2800-274	CONNECTOR - POWER JUNCTION BOX (ZONE 121)		(182) 08232 & ON	01
PB019	KTKSAD10280X3	CONNECTOR KIT - POWER JUNCTION BOX (ZONE 121)	V1F242	(182) 08232 & ON	01
	KTKSAD10FT	. TERMINAL KIT	V1F242	(182) 08001 & ON	01
PB023	S2800-275	CONNECTOR KIT		(182) 08232 & ON	01
	12066082	. CAVITY PLUG	V53669		01
PC026	S2349-1	CONNECTOR - PLUG	V00779	(182) 81318 & ON (T182) 08232 & ON	01
	S2099-13	. CONTACT		(182) 81318 - 82280 (T182) 08232 - 09023	02
	S2099-3	. CONTACT			02
	S2099-4	. CONTACT	V00779		09
	S3373-2	. CONTACT - SOCKET			02
PN008	2570101-1	CONNECTOR - ALTERNATOR (ZONE 120)		(182) 08232 & ON	01
	S2376-2	. CONTACT			AR
U1		POWER CONVERTER ASSY			RF

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Figure 05 : Sheet 01 : ALTERNATOR SYSTEM W/NAV III



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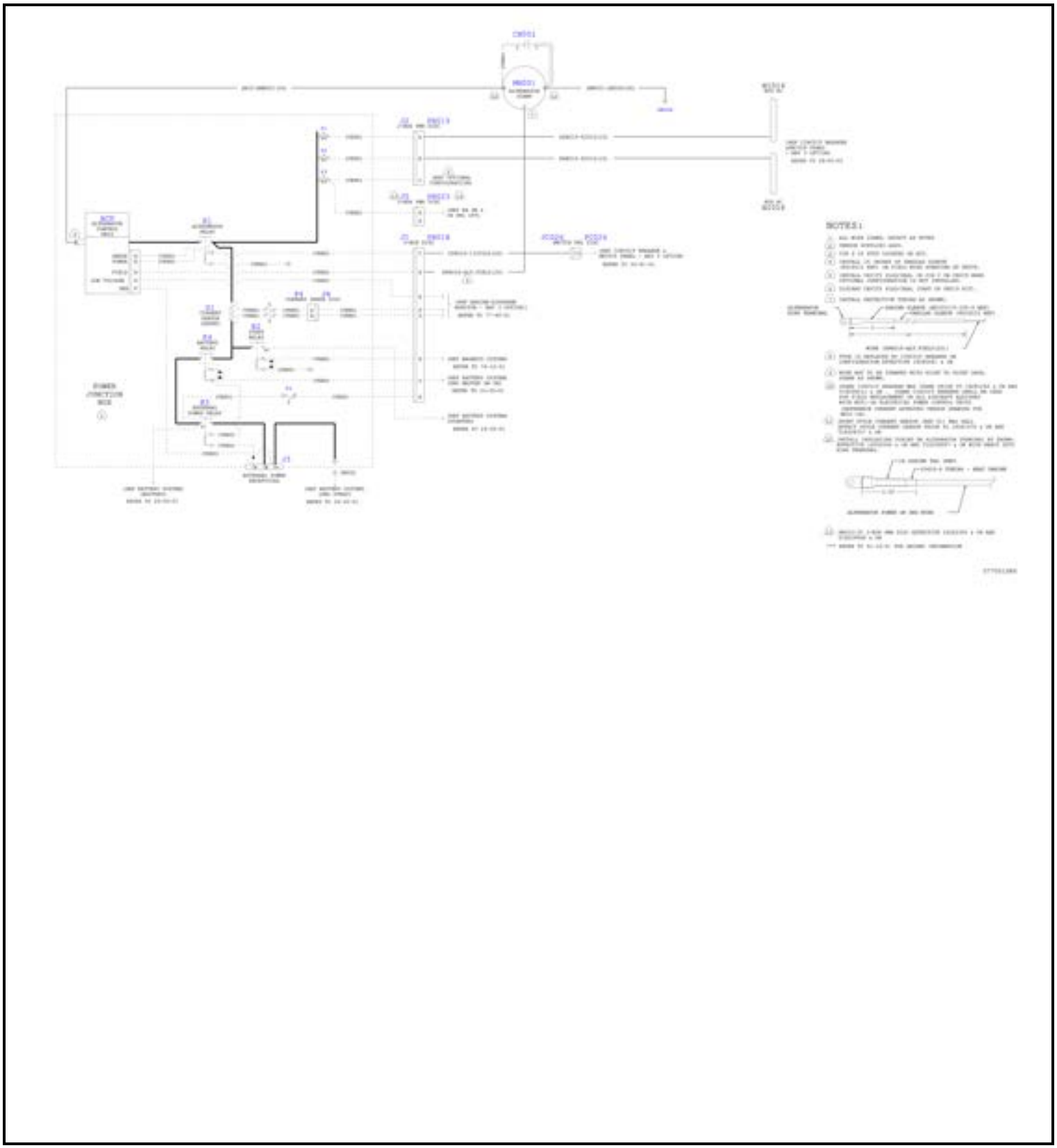
ALTERNATOR SYSTEM W/NAV III

AIRPLANES (182) 81318 & ON WITH NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
ACU		CONTROL UNIT - ALTERNATOR			RF
CN001	S1915-2	CAPACITOR - ALTERNATOR (ZONE 120)		(182) 81318 & ON	01
F1	F53-0006	FUSE (ZONE 120) ALTERNATE SPARE (INTERCHANGEABLE WITH): 123A40-B2P	V3RCD2	(182) 81318 & ON	01
	123A40-B2P	FUSE ALTERNATE SPARE (INTERCHANGEABLE WITH): F53-0006	V65702	(182) 81318 & ON	01
F2	F53-0006	FUSE (ZONE 120) ALTERNATE SPARE (INTERCHANGEABLE WITH): 123A40-B2P	V3RCD2	(182) 81318 & ON	01
	123A40-B2P	FUSE ALTERNATE SPARE (INTERCHANGEABLE WITH): F53-0006	V65702	(182) 81318 & ON	01
F3	F53-0006	FUSE (ZONE 120) ALTERNATE SPARE (INTERCHANGEABLE WITH): 123A40-B2P	V3RCD2	(182) 81318 & ON	01
	123A40-B2P	FUSE ALTERNATE SPARE (INTERCHANGEABLE WITH): F53-0006	V65702	(182) 81318 & ON	01
F4	F51-0003	FUSE - CLOCK (ZONE 120) ALTERNATE SPARE (INTERCHANGEABLE WITH): AGC5	V3RCD2	(182) 81318 & ON	01
	AGC5	FUSE ALTERNATE SPARE (INTERCHANGEABLE WITH): F51-0003	V71400	(182) 81318 & ON	01
GN008		GROUND (ZONE 211)			RF
J1	39-0050588-00	CONNECTOR - STROBE DISCONNECT (ZONE 121)	V10402	(182) 81318 & ON	01
	39-0403023-04	. CONTACT	V10402		01
J2	770585-1	CONNECTOR - POWER SUPPLY DISCONNECT (ZONE 121)	V00779	(182) 81318 & ON	01
J3	MS3506-1	CONNECTOR (ZONE 121)	V96906	(182) 81318 & ON	01
J4		CONNECTOR (ZONE 121)			RF
J5		CONNECTOR			RF
JC026	S2350-3	HOUSING - RECEPTACLE (ZONE 220)		(182) 81318 & ON (T182) 08232 & ON	01
	S2353-4	. CONTACT			AR
	S2353-6	. CONTACT		(182) 81318 - 82280	AR
	S3373-1	. CONTACT			AR
	S2353-5	. PIN			AR
K1	X61-0007	RELAY - ALTERNATOR (ZONE 121)	V3RCD2	(182) 81318 & ON	01
K2	X61-0012	RELAY - START (ZONE 121) ALTERNATE SPARE (INTERCHANGEABLE WITH): X61-0027 * AIRPLANES (182) 80001 & ON NOT INCORPORATING SB07-80-01 * AIRPLANES (T182) 08001 & ON NOT INCORPORATING SB07-80-01	V3RCD2	(182) *80001 & ON (T182) *08001 & ON	01
	X61-0027	RELAY - START ALTERNATE SPARE (INTERCHANGEABLE WITH): X61-0012	V3RCD2	(182) 81318 & ON	01
K3	X61-0007	RELAY - EXTERNAL POWER (ZONE 121)	V3RCD2	(182) 81318 & ON	01
K4	X61-0007	RELAY - BATTERY (ZONE 121)	V3RCD2	(182) 81318 & ON	01
MN001		ALTERNATOR			RF
P4		CONNECTOR - POWER JUNCTION BOX (ZONE 121)			RF
PB018	S2800-274	CONNECTOR - POWER JUNCTION BOX (ZONE 121)		(182) 81318 & ON	01
PB019	KTKSAD10280X3	CONNECTOR KIT - POWER JUNCTION BOX (ZONE 121)	V1F242	(182) 81318 & ON	01
	KTKSAD10FT	. TERMINAL KIT	V1F242	(182) 08001 & ON	01
PB023	S2800-275	CONNECTOR KIT		(182) 81318 & ON	01
	12066082	. CAVITY PLUG	V53669		01
PC026	S2349-1	CONNECTOR - PLUG	V00779	(182) 81318 & ON (T182) 08232 & ON	01
	S2099-13	. CONTACT		(182) 81318 - 82280 (T182) 08232 - 09023	02
	S2099-3	. CONTACT			02
	S2099-4	. CONTACT	V00779		09
	S3373-2	. CONTACT - SOCKET			02
U1		POWER CONVERTER ASSY			RF

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Figure 06 : Sheet 01 : ALTERNATOR SYSTEM W/NAV III



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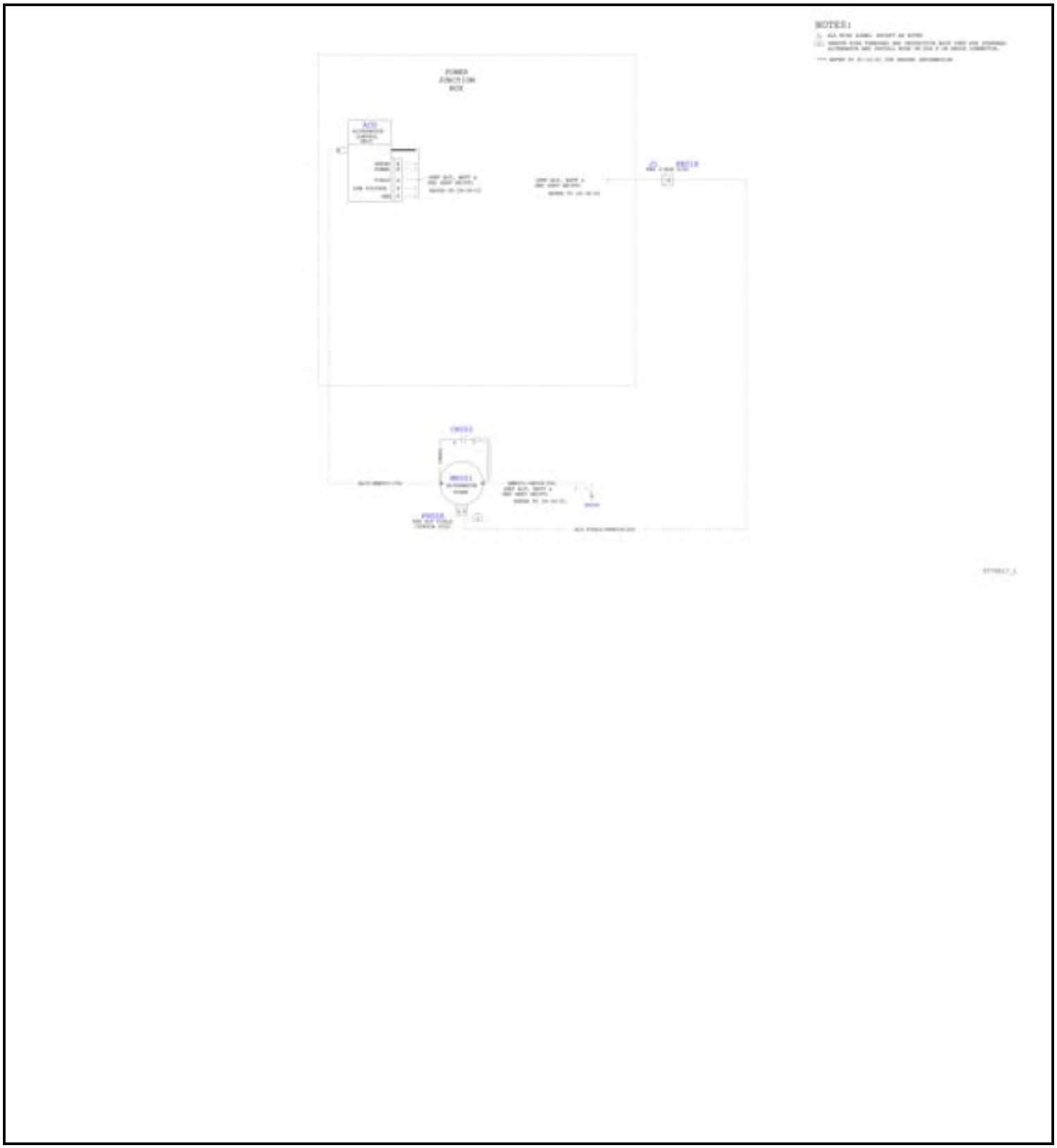
95 AMP ALTERNATOR OPTION

AIRPLANES (182) 81198 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
ACU		CONTROL UNIT - ALTERNATOR			RF
CN002	S1915-2	CAPACITOR		(182) 81198 & ON	01
GN008		GROUND (ZONE 211)			RF
J1	S2035-1	HOUSING - POWER JUNCTION BOX DISCONNECT		(182) 81198 & ON	01
	S1635-1	. PIN	V49367		AR
MN001		ALTERNATOR			RF
PB018	S2800-274	CONNECTOR - POWER JUNCTION BOX (ZONE 121)		(182) 81198 & ON	01
PN008	2570101-1	CONNECTOR - ALTERNATOR (ZONE 120)		(182) 81198 & ON	01
	S2376-2	. CONTACT			AR

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Figure 01 : Sheet 01 : 95 AMP ALTERNATOR OPTION



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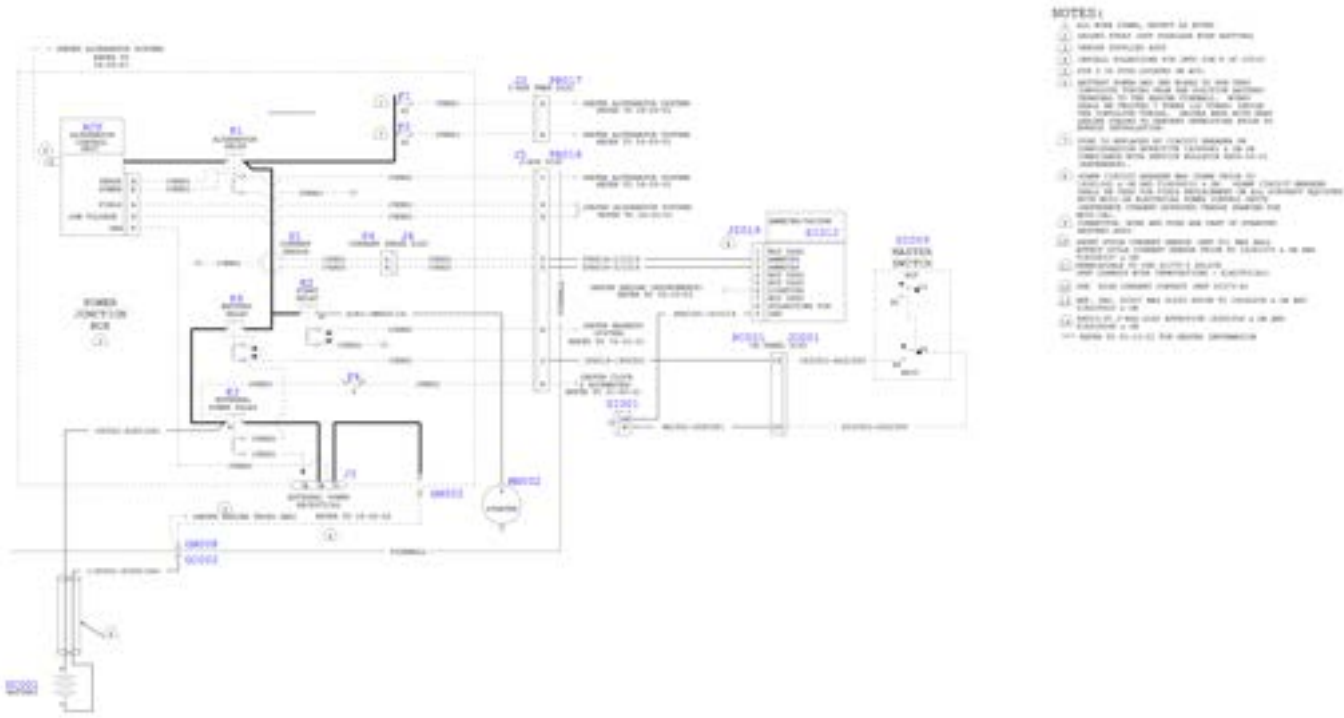
BATTERY SYSTEM

AIRPLANES (182) 82306 & ON AND AIRPLANES (T182) 09048 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
ACU		CONTROL UNIT - ALTERNATOR			RF
EI012		INDICATOR - AMMETER/VACUUM			RF
F1	F53-0002	FUSE (ZONE 120)	V65702	(182) 82306 & ON (T182) 09048 & ON	01
F2	F53-0002	FUSE (ZONE 120)	V65702	(182) 82306 & ON (T182) 09048 & ON	01
F4	F51-0003	FUSE - CLOCK (ZONE 120) ALTERNATE SPARE (INTERCHANGEABLE WITH): AGC5	V3RCD2	(182) 82306 & ON (T182) 09048 & ON	01
	AGC5	FUSE ALTERNATE SPARE (INTERCHANGEABLE WITH): F51-0003	V71400	(182) 82306 & ON (T182) 09048 & ON	01
GC002	S1367-6-13	TERMINAL (ZONE 120)		(182) 82306 & ON (T182) 09048 & ON	01
GI001	200838-2	GROUND BLOCK (ZONE 211)	V00779	(182) 82306 & ON (T182) 09048 & ON	01
	S2099-13	. CONTACT			02
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
GN002	5/16-18NC	GROUND STUD	V65702	(182) 82306 & ON (T182) 09048 & ON	01
GN008		GROUND (ZONE 211)			RF
J1	39-0050588-00	CONNECTOR - STROBE DISCONNECT (ZONE 121)	V10402	(182) 82306 & ON (T182) 09048 & ON	01
	39-0403023-04	. CONTACT	V10402		01
J2	770585-1	CONNECTOR - POWER SUPPLY DISCONNECT (ZONE 121)	V00779	(182) 82306 & ON (T182) 09048 & ON	01
J3	MS3506-1	CONNECTOR (ZONE 121)	V96906	(182) 82306 & ON (T182) 09048 & ON	01
J4		CONNECTOR (ZONE 121)			RF
JC001	S2349-5	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(182) 82306 & ON (T182) 09048 & ON	01
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
JI019	S2349-3	CONNECTOR - AMMETER/VACUUM INDICATOR (ZONE 220)		(182) 82306 & ON (T182) 09048 & ON	01
	S2099-4	. CONTACT	V00779		AR
	S2414-1	. KEYING PLUG			01
K1	X61-0007	RELAY - ALTERNATOR (ZONE 121)	V3RCD2	(182) 82306 & ON (T182) 09048 & ON	01
K2	X61-0012	RELAY - START (ZONE 121) ALTERNATE SPARE (INTERCHANGEABLE WITH): X61-0027 * AIRPLANES (182) 80001 & ON NOT INCORPORATING SB07-80-01 * AIRPLANES (T182) 08001 & ON NOT INCORPORATING SB07-80-01	V3RCD2	(182) *80001 & ON (T182) *08001 & ON	01
	X61-0027	RELAY - START ALTERNATE SPARE (INTERCHANGEABLE WITH): X61-0012	V3RCD2	(182) 82306 & ON (T182) 09048 & ON	01
K3	X61-0007	RELAY - EXTERNAL POWER (ZONE 121)	V3RCD2	(182) 82306 & ON (T182) 09048 & ON	01
K4	X61-0007	RELAY - BATTERY (ZONE 121)	V3RCD2	(182) 82306 & ON (T182) 09048 & ON	01
MN002		STARTER			RF
P4		CONNECTOR - POWER JUNCTION BOX (ZONE 121)			RF
PB017	S2800-275	CONNECTOR KIT - POWER JUNCTION BOX (ZONE 121)		(182) 82306 & ON (T182) 09048 & ON	01
PB018	S2800-274	CONNECTOR - POWER JUNCTION BOX (ZONE 121)		(182) 82306 & ON (T182) 09048 & ON	01
PC001	S2350-10	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(182) 82306 & ON (T182) 09048 & ON	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
SI009		SWITCH - MASTER			RF
U1		POWER CONVERTER ASSY			RF
UC001		BATTERY			RF

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Figure 01 : Sheet 01 : BATTERY SYSTEM



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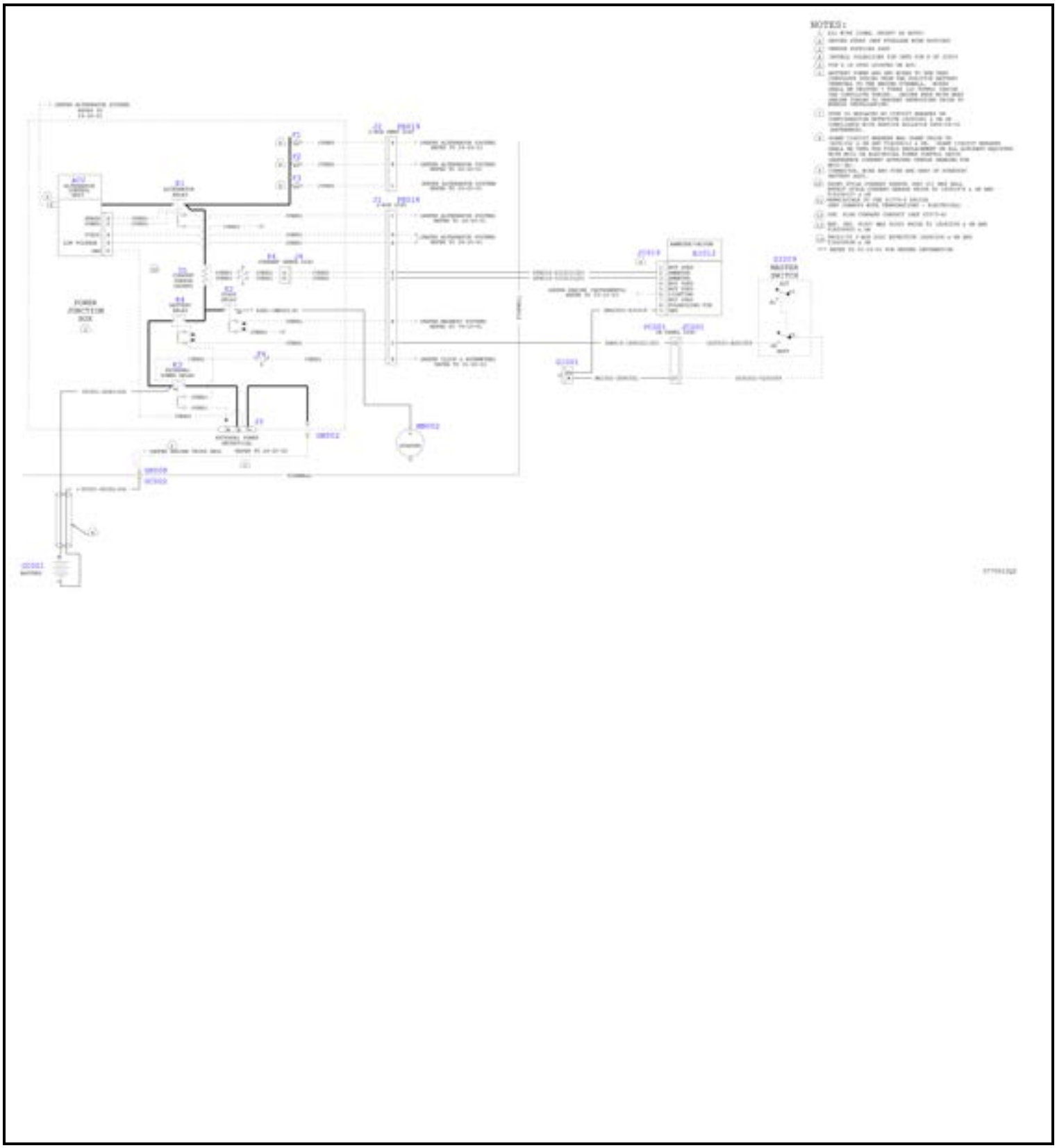
BATTERY SYSTEM

AIRPLANES (182) 80945 & ON AND AIRPLANES (T182) 08001 & ON WITHOUT NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
ACU		CONTROL UNIT - ALTERNATOR			RF
EI012		INDICATOR - AMMETER/VACUUM			RF
F1	F53-0002	FUSE (ZONE 120)	V65702	(182) 80945 & ON (T182) 08001 & ON	01
F2	F53-0002	FUSE (ZONE 120)	V65702	(182) 80945 & ON (T182) 08001 & ON	01
F3	53-0002	FUSE (ZONE 120)	V65702	(182) 80945 & ON (T182) 08001 & ON	01
F4	F51-0003	FUSE - CLOCK (ZONE 120) ALTERNATE SPARE (INTERCHANGEABLE WITH): AGC5	V3RCD2	(182) 80945 & ON (T182) 08001 & ON	01
	AGC5	FUSE ALTERNATE SPARE (INTERCHANGEABLE WITH): F51-0003	V71400	(182) 80945 & ON (T182) 08001 & ON	01
GC002	S1367-6-13	TERMINAL (ZONE 120)		(182) 80945 & ON (T182) 08001 & ON	01
GI001	200838-2	GROUND BLOCK (ZONE 211)	V00779	(182) 80945 & ON (T182) 08001 & ON	01
	S2099-13	. CONTACT			02
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
GN002	5/16-18NC	GROUND STUD	V65702	(182) 80945 & ON (T182) 08001 & ON	01
GN008		GROUND (ZONE 211)			RF
J1	39-0050588-00	CONNECTOR - STROBE DISCONNECT (ZONE 121)	V10402	(182) 80945 & ON (T182) 08001 & ON	01
	39-0403023-04	. CONTACT	V10402		01
J2	770585-1	CONNECTOR - POWER SUPPLY DISCONNECT (ZONE 121)	V00779	(182) 80945 & ON (T182) 08001 & ON	01
J3	MS3506-1	CONNECTOR (ZONE 121)	V96906	(182) 80945 & ON (T182) 08001 & ON	01
J4		CONNECTOR (ZONE 121)			RF
JC001	S2349-5	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(182) 80945 & ON (T182) 08001 & ON	01
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
JI019	S2349-3	CONNECTOR - AMMETER/VACUUM INDICATOR (ZONE 220)		(182) 80945 & ON (T182) 08001 & ON	01
	S2099-4	. CONTACT	V00779		AR
	S2414-1	. KEYING PLUG			01
K1	X61-0007	RELAY - ALTERNATOR (ZONE 121)	V3RCD2	(182) 80945 & ON (T182) 08001 & ON	01
K2	X61-0012	RELAY - START (ZONE 121) ALTERNATE SPARE (INTERCHANGEABLE WITH): X61-0027 * AIRPLANES (182) 80001 & ON NOT INCORPORATING SB07-80-01 * AIRPLANES (T182) 08001 & ON NOT INCORPORATING SB07-80-01	V3RCD2	(182) *80001 & ON (T182) *08001 & ON	01
	X61-0027	RELAY - START ALTERNATE SPARE (INTERCHANGEABLE WITH): X61-0012	V3RCD2	(182) 80945 & ON (T182) 08001 & ON	01
K3	X61-0007	RELAY - EXTERNAL POWER (ZONE 121)	V3RCD2	(182) 80945 & ON (T182) 08001 & ON	01
K4	X61-0007	RELAY - BATTERY (ZONE 121)	V3RCD2	(182) 80945 & ON (T182) 08001 & ON	01
MN002		STARTER			RF
P4		CONNECTOR - POWER JUNCTION BOX (ZONE 121)			RF
PB018	S2800-274	CONNECTOR - POWER JUNCTION BOX (ZONE 121)		(182) 80945 & ON (T182) 08001 & ON	01
PB019	KTKSAD10280X3	CONNECTOR KIT - POWER JUNCTION BOX (ZONE 121)	V1F242	(182) 80945 & ON (T182) 08001 & ON	01
	KTKSAD10FT	. TERMINAL KIT	V1F242	(182) 08001 & ON	01
PC001	S2350-10	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(182) 80945 & ON (T182) 08001 & ON	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
SI009		SWITCH - MASTER			RF
U1		POWER CONVERTER ASSY			RF
UC001		BATTERY			RF

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Figure 02 : Sheet 01 : BATTERY SYSTEM



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BATTERY SYSTEM

AIRPLANES (182) 81318 & ON AND AIRPLANES (T182) 08232 & ON WITH NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
ACU		CONTROL UNIT - ALTERNATOR			RF
F1	F53-0006	FUSE (ZONE 120) ALTERNATE SPARE (INTERCHANGEABLE WITH): 123A40-B2P	V3RCD2	(182) 81318 & ON (T182) 08232 & ON	01
	123A40-B2P	FUSE ALTERNATE SPARE (INTERCHANGEABLE WITH): F53-0006	V65702	(182) 81318 & ON (T182) 08232 & ON	01
F2	F53-0006	FUSE (ZONE 120) ALTERNATE SPARE (INTERCHANGEABLE WITH): 123A40-B2P	V3RCD2	(182) 81318 & ON (T182) 08232 & ON	01
	123A40-B2P	FUSE ALTERNATE SPARE (INTERCHANGEABLE WITH): F53-0006	V65702	(182) 81318 & ON (T182) 08232 & ON	01
F3	F53-0006	FUSE (ZONE 120) ALTERNATE SPARE (INTERCHANGEABLE WITH): 123A40-B2P	V3RCD2	(182) 81318 & ON (T182) 08232 & ON	01
	123A40-B2P	FUSE ALTERNATE SPARE (INTERCHANGEABLE WITH): F53-0006	V65702	(182) 81318 & ON (T182) 08232 & ON	01
F4	F51-0003	FUSE - CLOCK (ZONE 120) ALTERNATE SPARE (INTERCHANGEABLE WITH): AGC5	V3RCD2	(182) 81318 & ON (T182) 08232 & ON	01
	AGC5	FUSE ALTERNATE SPARE (INTERCHANGEABLE WITH): F51-0003	V71400	(182) 81318 & ON (T182) 08232 & ON	01
GC002	S1367-6-13	TERMINAL (ZONE 120)		(182) 81318 & ON (T182) 08232 & ON	01
GI001	200838-2	GROUND BLOCK (ZONE 211)	V00779	(182) 81318 & ON (T182) 08232 & ON	01
	S2099-13	. CONTACT			02
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
GN002	5/16-18NC	GROUND STUD	V65702	(182) 81318 & ON (T182) 08232 & ON	01
GN008		GROUND (ZONE 211)			RF
J1	S2035-1	HOUSING - POWER JUNCTION BOX DISCONNECT		(182) 81318 & ON (T182) 08232 & ON	01
	S1635-1	. PIN	V49367		AR
J2	770585-1	CONNECTOR - POWER SUPPLY DISCONNECT (ZONE 121)	V00779	(182) 81318 & ON (T182) 08232 & ON	01
J3	MS3506-1	CONNECTOR (ZONE 121)	V96906	(182) 81318 & ON (T182) 08232 & ON	01
J4		CONNECTOR (ZONE 121)			RF
J5		CONNECTOR			RF
JC026	S2350-3	HOUSING - RECEPTACLE (ZONE 220)		(182) 81318 & ON (T182) 08232 & ON	01
	S2353-4	. CONTACT			AR
	S2353-6	. CONTACT		(182) 81318 - 82280	AR
	S3373-1	. CONTACT			AR
	S2353-5	. PIN			AR
JC032	S2350-5	CONNECTOR	V00779	(182) 81318 & ON (T182) 08232 & ON	01
	S2351-2	. BACKSHELL	V00779		01
	S2353-6	. CONTACT			01
K1	X61-0007	RELAY - ALTERNATOR (ZONE 121)	V3RCD2	(182) 81318 & ON (T182) 08232 & ON	01
K2	X61-0012	RELAY - START (ZONE 121) ALTERNATE SPARE (INTERCHANGEABLE WITH): X61-0027 * AIRPLANES (182) 80001 & ON NOT INCORPORATING SB07-80-01 * AIRPLANES (T182) 08001 & ON NOT INCORPORATING SB07-80-01	V3RCD2	(182) *80001 & ON (T182) *08001 & ON	01
	X61-0027	RELAY - START ALTERNATE SPARE (INTERCHANGEABLE WITH): X61-0012	V3RCD2	(182) 81318 & ON (T182) 08232 & ON	01
K3	X61-0007	RELAY - EXTERNAL POWER (ZONE 121)	V3RCD2	(182) 81318 & ON (T182) 08232 & ON	01
K4	X61-0007	RELAY - BATTERY (ZONE 121)	V3RCD2	(182) 81318 & ON (T182) 08232 & ON	01
MN002		STARTER			RF
P1	S1640-6	CONNECTOR - DIMMING MODULE (ZONE 222)		(182) 81318 & ON (T182) 08232 & ON	01
	S1635-1	. CONTACT	V49367	(182) 08481 & ON (182) 81742 & ON	AR
P4		CONNECTOR - POWER JUNCTION BOX (ZONE 121)			RF

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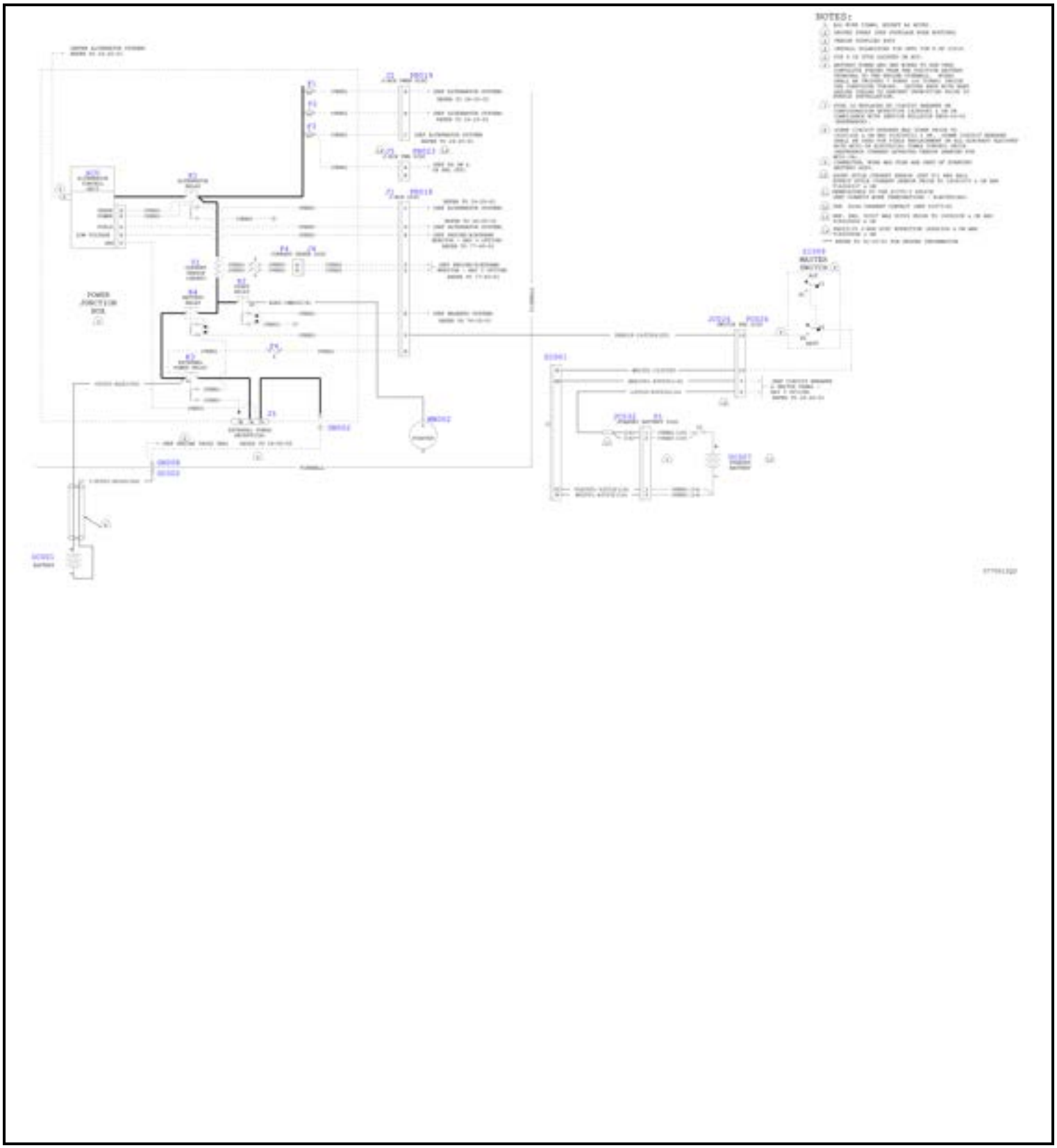
BATTERY SYSTEM

AIRPLANES (182) 81318 & ON AND AIRPLANES (T182) 08232 & ON WITH NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
PB018	S2800-274	CONNECTOR - POWER JUNCTION BOX (ZONE 121)		(182) 81318 & ON (T182) 08232 & ON	01
PB019	KTKSAD10280X3	CONNECTOR KIT - POWER JUNCTION BOX (ZONE 121)	V1F242	(182) 81318 & ON (T182) 08232 & ON	01
	KTKSAD10FT	. TERMINAL KIT	V1F242	(182) 08001 & ON	01
PB023	S2800-275	CONNECTOR KIT		(182) 81318 & ON (T182) 08232 & ON	01
	12066082	. CAVITY PLUG	V53669		01
PC026	S2349-1	CONNECTOR - PLUG	V00779	(182) 81318 & ON (T182) 08232 & ON	01
	S2099-13	. CONTACT		(182) 81318 - 82280 (T182) 08232 - 09023	02
	S2099-3	. CONTACT			02
	S2099-4	. CONTACT	V00779		09
	S3373-2	. CONTACT - SOCKET			02
SI009		SWITCH - MASTER			RF
U1		POWER CONVERTER ASSY			RF
UC001		BATTERY			RF
UC007		BATTERY - STANDBY			RF

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Figure 03 : Sheet 01 : BATTERY SYSTEM



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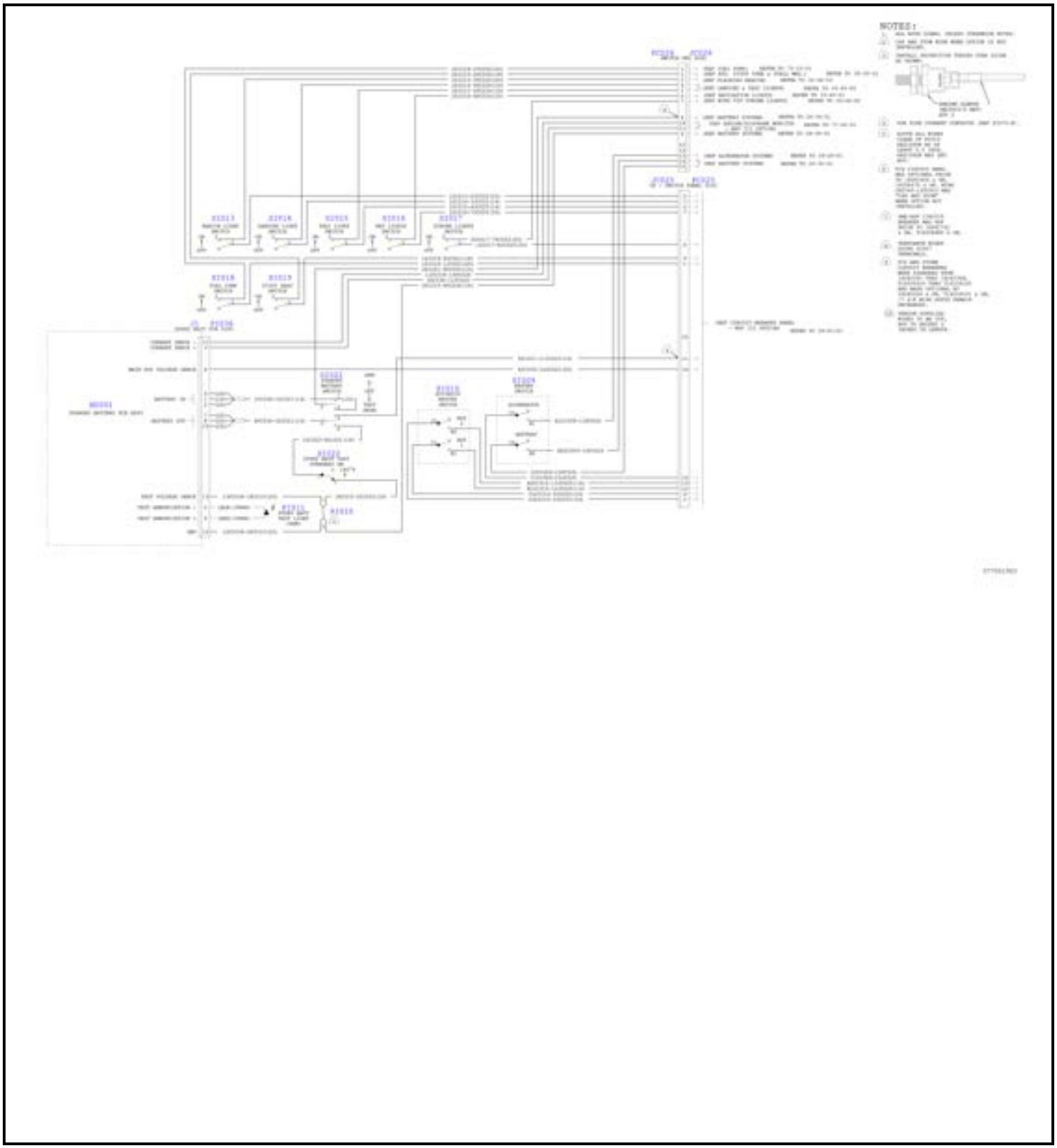
SWITCH PANEL W/NAVIII

AIRPLANES (182) 81318 THRU 81741

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
FI011	S2800-679	LED - GREEN		(182) 81318 - 81741	01
J1	S2035-1	HOUSING - POWER JUNCTION BOX DISCONNECT		(182) 81318 - 81741	01
	S1635-1	. PIN	V49367		AR
JC025	S2350-3	CONNECTOR		(182) 81318 - 81741	01
	S2353-4	. CONTACT			01
	S2353-5	. CONTACT			06
	S2353-6	. CONTACT			05
	S3373-1	. CONTACT			01
JC026	S2350-3	HOUSING - RECEPTACLE (ZONE 220)		(182) 81318 & ON (T182) 08232 & ON	01
	S2353-4	. CONTACT			AR
	S2353-6	. CONTACT		(182) 81318 - 82280	AR
	S3373-1	. CONTACT			AR
	S2353-5	. PIN			AR
NZ001		PRINTED CKT - STANDBY BATTERY			01
PC025	S2349-1	CONNECTOR	V00779	(182) 81318 - 81741	01
	S2099-13	. CONTACT			06
	S2099-3	. CONTACT			02
	S2099-4	. CONTACT	V00779		05
	S3373-2	. CONTACT			02
PC026	S2349-1	CONNECTOR - PLUG	V00779	(182) 81318 & ON (T182) 08232 & ON	01
	S2099-13	. CONTACT		(182) 81318 - 82280 (T182) 08232 - 09023	02
	S2099-3	. CONTACT			02
	S2099-4	. CONTACT	V00779		09
	S3373-2	. CONTACT - SOCKET			02
PI036	RD15F00JVL0	CONNECTOR	V28198	(182) 81318 - 81741	01
	FC6020D	. CONTACT	V28198		13
RI010	S2041-50B12	RESISTOR		(182) 81318 - 81741	01
SI009		SWITCH - MASTER			RF
SI010		SWITCH - AVIONICS MASTER			RF
SI013		SWITCH			RF
SI014		SWITCH - LANDING LIGHT			RF
SI015		SWITCH - TAXI LIGHT SWITCH			RF
SI016		SWITCH - NAVIGATION LIGHT SWITCH			RF
SI017		SWITCH - STROBE LIGHT			RF
SI018		SWITCH - FUEL PUMP			RF
SI019		SWITCH - PITOT HEAT			RF
SI021		SWITCH - STANDBY BATTERY			RF
SI022		THERMOSTAT			RF

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Figure 01 : Sheet 01 : SWITCH PANEL W/NAVIII



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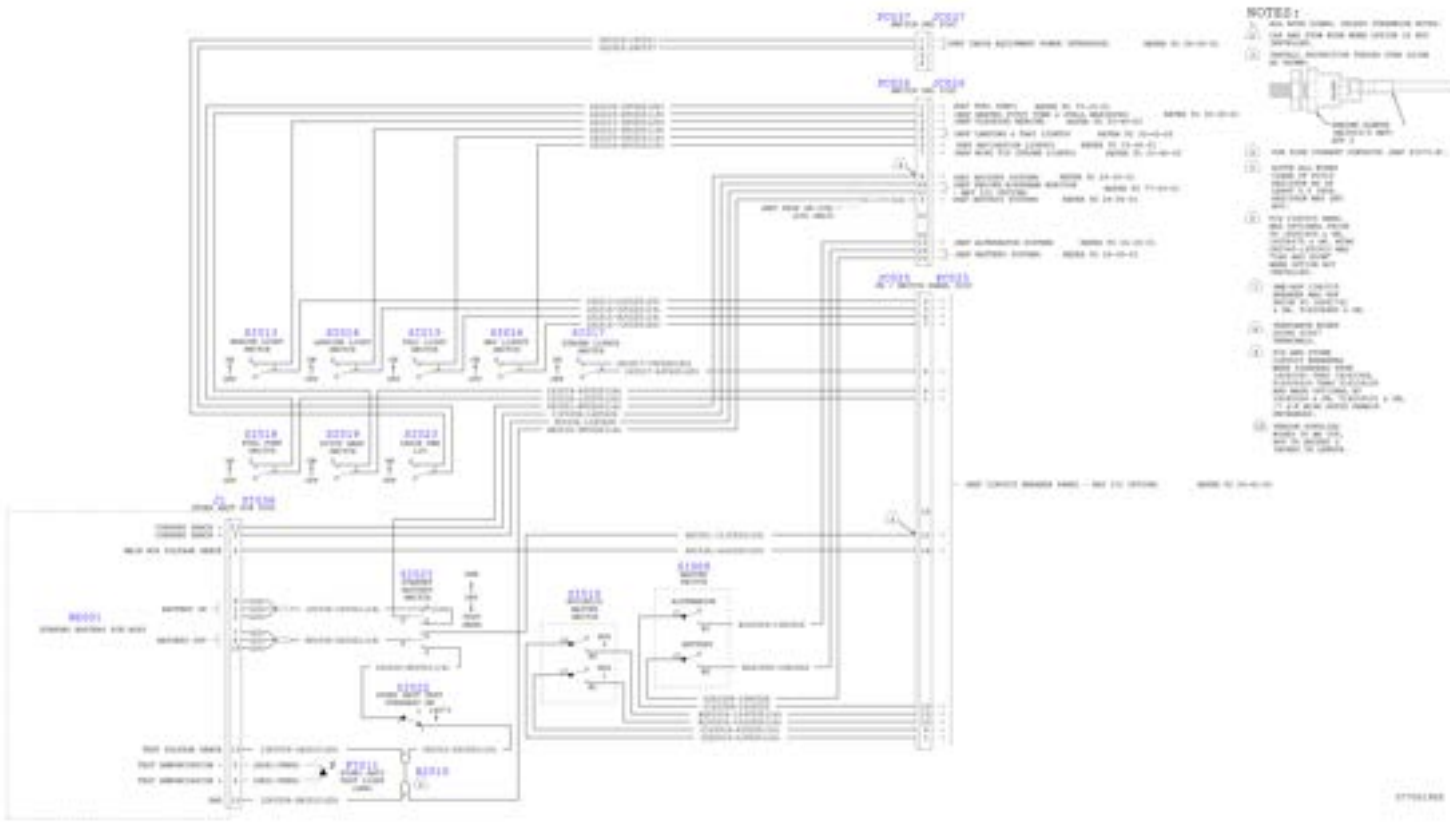
SWITCH PANEL W/NAVIII

AIRPLANES (182) 81742 THRU 82280

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
FI011	S2800-679	LED - GREEN		(182) 81742 - 82280	01
J1	S2035-1	HOUSING - POWER JUNCTION BOX DISCONNECT		(182) 81742 - 82280	01
	S1635-1	. PIN	V49367		AR
JC025	S2350-3	CONNECTOR		(182) 81742 - 82280	01
	S2353-4	. CONTACT			01
	S2353-5	. CONTACT			06
	S2353-6	. CONTACT			05
	S3373-1	. CONTACT			01
JC026	S2350-3	HOUSING - RECEPTACLE (ZONE 220)		(182) 81318 & ON (T182) 08232 & ON	01
	S2353-4	. CONTACT			AR
	S2353-6	. CONTACT		(182) 81318 - 82280	AR
	S3373-1	. CONTACT			AR
	S2353-5	. PIN			AR
JC037	S2350-5	CONNECTOR	V00779	(182) 81742 - 82280	01
	S2353-5	. PIN			AR
NZ001		PRINTED CKT - STANDBY BATTERY			01
PC025	S2349-1	CONNECTOR	V00779	(182) 81742 - 82280	01
	S2099-13	. CONTACT			06
	S2099-3	. CONTACT			02
	S2099-4	. CONTACT	V00779		05
	S3373-2	. CONTACT			02
PC026	S2349-1	CONNECTOR - PLUG	V00779	(182) 81318 & ON (T182) 08232 & ON	01
	S2099-13	. CONTACT		(182) 81318 - 82280 (T182) 08232 - 09023	02
	S2099-3	. CONTACT			02
	S2099-4	. CONTACT	V00779		09
	S3373-2	. CONTACT - SOCKET			02
PC037	S2349-2	CONNECTOR	V00779	(182) 81742 - 82280	01
	S2099-4	. CONTACT	V00779		AR
PI036	RD15F00JVL0	CONNECTOR	V28198	(182) 81742 - 82280	01
	FC6020D	. CONTACT	V28198		13
RI010	S2041-50B12	RESISTOR		(182) 81742 - 82280	01
SI009		SWITCH - MASTER			RF
SI010		SWITCH - AVIONICS MASTER			RF
SI013		SWITCH			RF
SI014		SWITCH - LANDING LIGHT			RF
SI015		SWITCH - TAXI LIGHT SWITCH			RF
SI016		SWITCH - NAVIGATION LIGHT SWITCH			RF
SI017		SWITCH - STROBE LIGHT			RF
SI018		SWITCH - FUEL PUMP			RF
SI019		SWITCH - PITOT HEAT			RF
SI021		SWITCH - STANDBY BATTERY			RF
SI022		THERMOSTAT			RF
SI023		SWITCH - CABIN POWER			RF

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Figure 02 : Sheet 01 : SWITCH PANEL W/NAVIII



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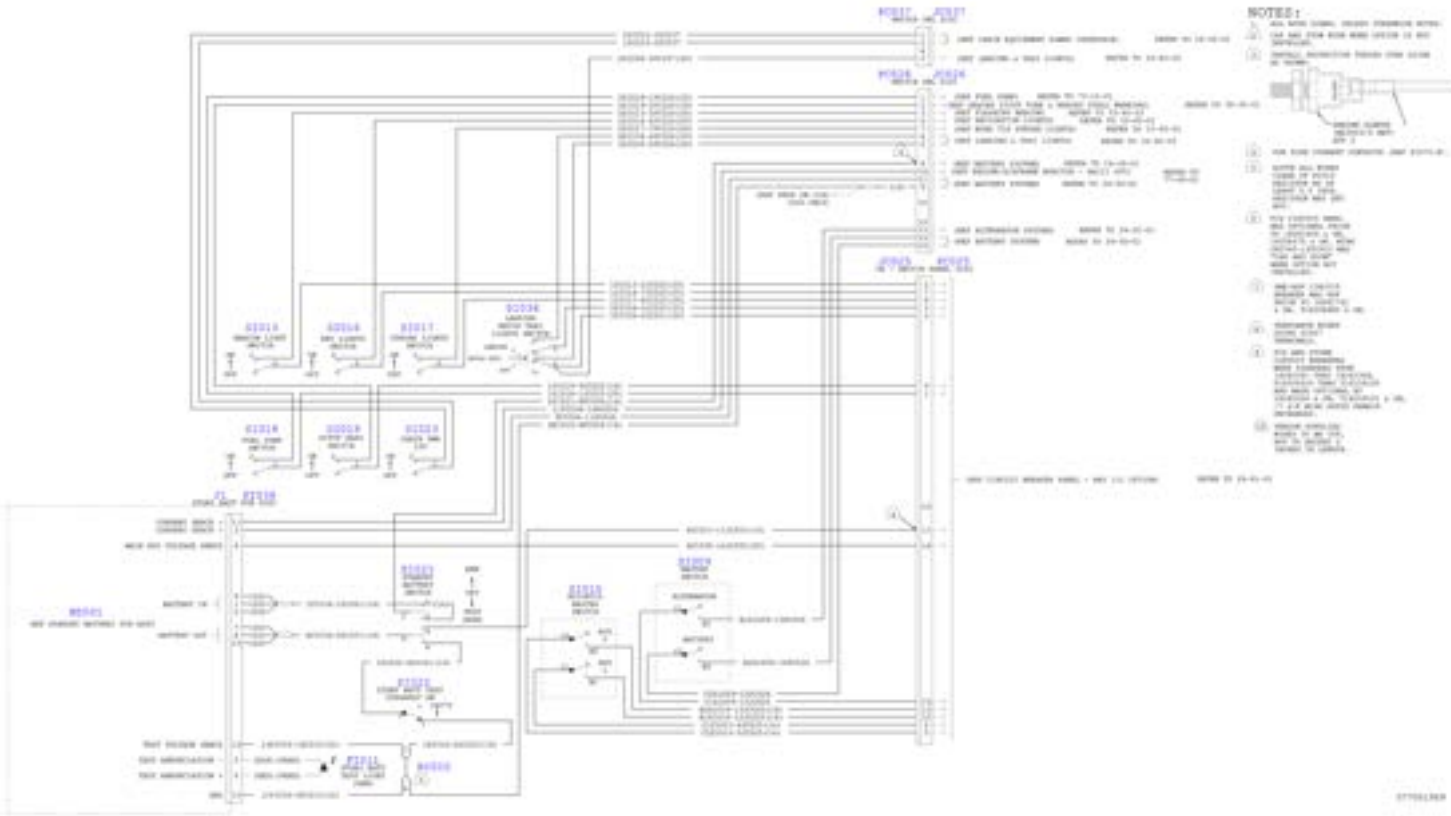
SWITCH PANEL W/NAVIII

AIRPLANES (182) 82281 THRU 83250

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
FI011	S2800-679	LED - GREEN		(182) 82281 - 83250	01
J1	S2035-1	HOUSING - POWER JUNCTION BOX DISCONNECT		(182) 82281 - 83250	01
	S1635-1	. PIN	V49367		AR
JC025	S2350-3	CONNECTOR		(182) 82281 - 83250	01
	S2353-4	. CONTACT			01
	S2353-5	. CONTACT			06
	S2353-6	. CONTACT			05
	S3373-1	. CONTACT			01
JC026	S2350-3	HOUSING - RECEPTACLE (ZONE 220)		(182) 81318 & ON (T182) 08232 & ON	01
	S2353-4	. CONTACT			AR
	S2353-6	. CONTACT		(182) 81318 - 82280	AR
	S3373-1	. CONTACT			AR
	S2353-5	. PIN			AR
JC037	S2350-5	CONNECTOR	V00779	(182) 82281 - 83250	01
	S2353-5	. PIN			AR
NZ001		PRINTED CKT - STANDBY BATTERY			01
PC025	S2349-1	CONNECTOR	V00779	(182) 82281 - 83250	01
	S2099-13	. CONTACT			06
	S2099-3	. CONTACT			02
	S2099-4	. CONTACT	V00779		05
	S3373-2	. CONTACT			02
PC026	S2349-1	CONNECTOR - PLUG	V00779	(182) 81318 & ON (T182) 08232 & ON	01
	S2099-13	. CONTACT		(182) 81318 - 82280 (T182) 08232 - 09023	02
	S2099-3	. CONTACT			02
	S2099-4	. CONTACT	V00779		09
	S3373-2	. CONTACT - SOCKET			02
PC037	S2349-2	CONNECTOR	V00779	(182) 82281 - 83250	01
	S2099-4	. CONTACT	V00779		AR
PI036	RD15F00JVL0	CONNECTOR	V28198	(182) 82281 - 83250	01
	FC6020D	. CONTACT	V28198		13
RI010	S2041-50B12	RESISTOR		(182) 82281 - 83250	01
SI009		SWITCH - MASTER			RF
SI010		SWITCH - AVIONICS MASTER			RF
SI013		SWITCH			RF
SI016		SWITCH - NAVIGATION LIGHT SWITCH			RF
SI017		SWITCH - STROBE LIGHT			RF
SI018		SWITCH - FUEL PUMP			RF
SI019		SWITCH - PITOT HEAT			RF
SI021		SWITCH - STANDBY BATTERY			RF
SI022		THERMOSTAT			RF
SI023		SWITCH - CABIN POWER			RF
SI034		SWITCH - LANDING RECOGNITION TAXI LIGHTS			RF

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Figure 03 : Sheet 01 : SWITCH PANEL W/NAVIII



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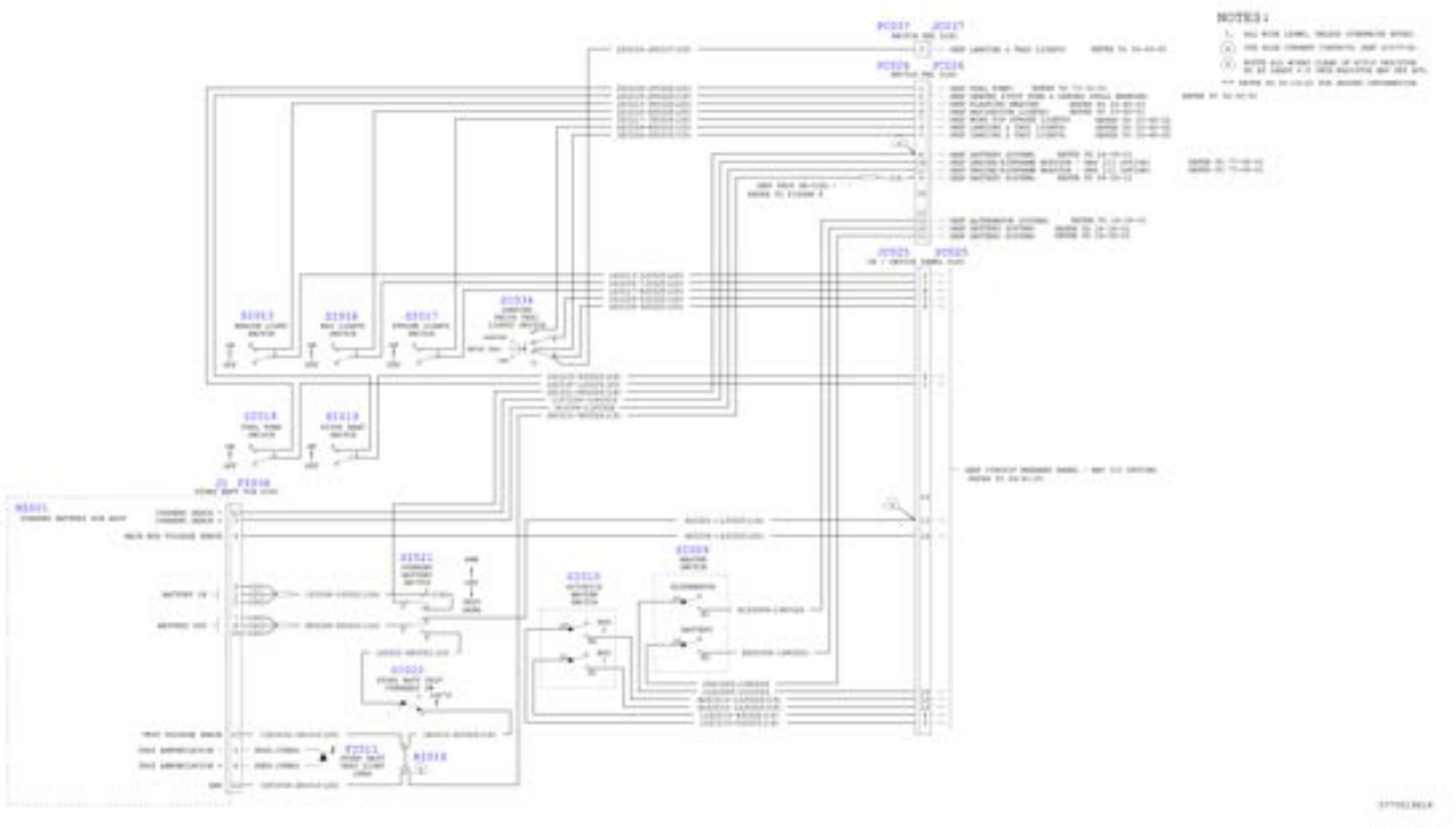
SWITCH PANEL W/NAVIII

AIRPLANES (182) 83251 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
FI011	S2800-679	LED		(182) 83251 & ON	01
J1	S2035-1	HOUSING - POWER JUNCTION BOX DISCONNECT		(182) 83251 & ON	01
	S1635-1	. PIN	V49367		AR
JC025	S2350-3	CONNECTOR		(182) 83251 & ON	01
	S2353-4	. CONTACT			01
	S2353-5	. CONTACT			06
	S2353-6	. CONTACT			05
	S3373-1	. CONTACT			01
JC026	S2350-3	HOUSING - RECEPTACLE (ZONE 220)		(182) 81318 & ON (T182) 08232 & ON	01
	S2353-4	. CONTACT			AR
	S2353-6	. CONTACT		(182) 81318 - 82280	AR
	S3373-1	. CONTACT			AR
	S2353-5	. PIN			AR
JC037	S2350-5	CONNECTOR	V00779	(182) 83251 & ON	01
	S2353-5	. PIN			AR
NZ001		PRINTED CKT - STANDBY BATTERY			01
PC025	S2349-1	CONNECTOR	V00779	(182) 83251 & ON	01
	S2099-13	. CONTACT			06
	S2099-3	. CONTACT			02
	S2099-4	. CONTACT	V00779		05
	S3373-2	. CONTACT			02
PC026	S2349-1	CONNECTOR - PLUG	V00779	(182) 81318 & ON (T182) 08232 & ON	01
	S2099-13	. CONTACT		(182) 81318 - 82280 (T182) 08232 - 09023	02
	S2099-3	. CONTACT			02
	S2099-4	. CONTACT	V00779		09
	S3373-2	. CONTACT - SOCKET			02
PC037	S2349-2	CONNECTOR	V00779	(182) 83251 & ON	01
	S2099-4	. CONTACT	V00779		AR
PI036	RD15F00JVL0	CONNECTOR	V28198	(182) 83251 & ON	01
	FC6020D	. CONTACT	V28198		13
RI010	S2041-50B12	RESISTOR		(182) 83251 & ON	01
SI009	S3272-1-1	SWITCH		(182) 83251 & ON	01
	S1843-1	. MOUNTING BEZEL			01
SI010	S3443-1-1	SWITCH		(182) 83251 & ON	01
	S1843-1	. MOUNTING BEZEL			01
SI013	MS35058-22	SWITCH	V96906	(182) 83251 & ON	01
SI016	MS35058-22	SWITCH	V96906	(182) 83251 & ON	01
SI017	MS35058-22	SWITCH	V96906	(182) 83251 & ON	01
SI018	MS35058-22	SWITCH	V96906	(182) 83251 & ON	01
SI019	MS35058-22	SWITCH	V96906	(182) 83251 & ON	01
SI021	MS35059-31	SWITCH	V96906	(182) 83251 & ON	01
SI022	4344-184-226	SWITCH	V82647	(182) 83251 & ON	01
SI034	MS27407-1	SWITCH	V96906	(182) 83251 & ON	01

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Figure 04 : Sheet 01 : SWITCH PANEL W/NAVIII



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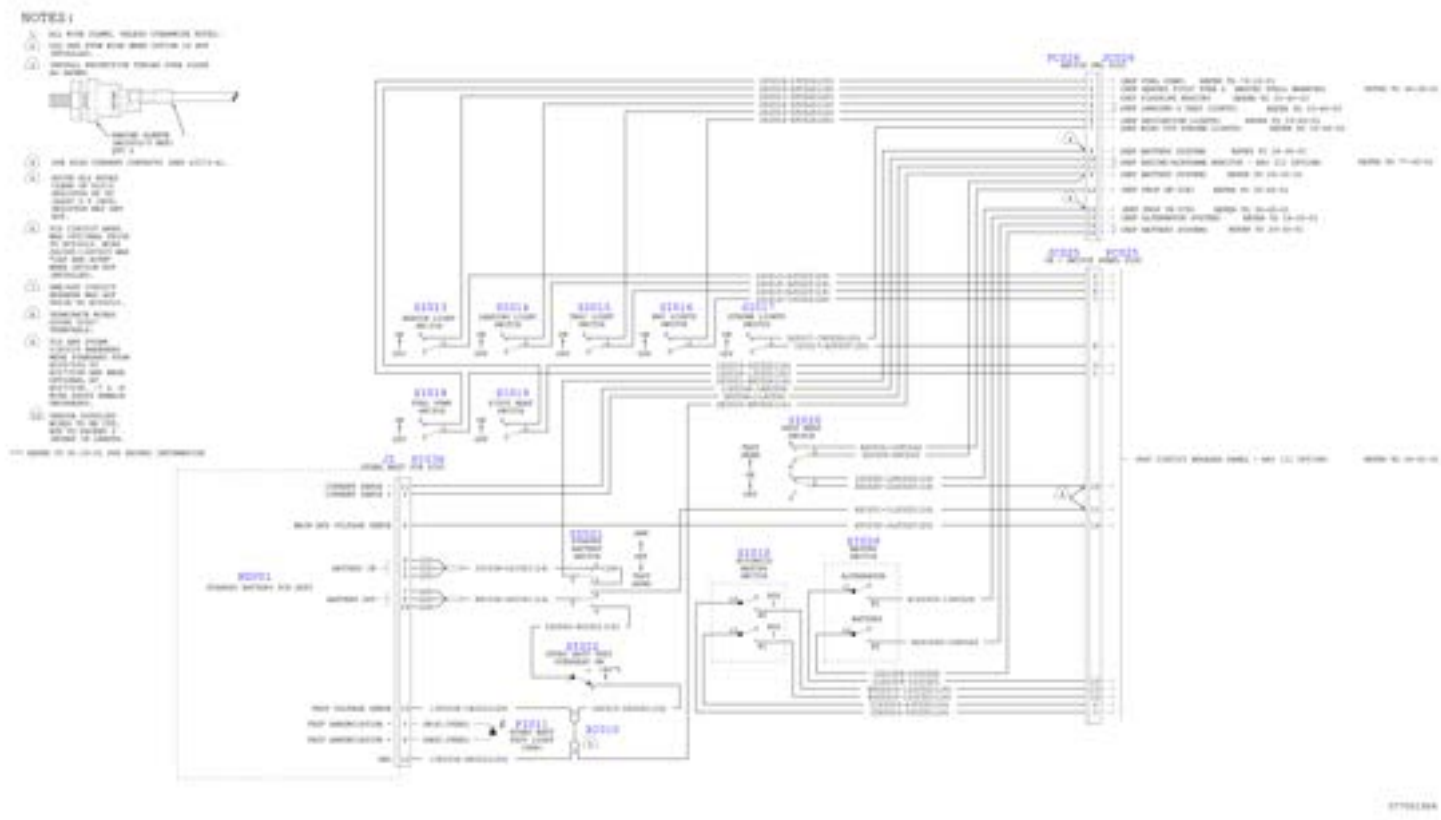
SWITCH PANEL W/NAVIII AND PROP DE-ICE

AIRPLANES (T182) 08232 THRU 08480

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
FI011	S2800-679	LED - GREEN		(T182) 08232 - 08480	01
J1	S2035-1	HOUSING - POWER JUNCTION BOX DISCONNECT		(T182) 08232 - 08480	01
	S1635-1	. PIN	V49367		AR
JC025	S2350-3	CONNECTOR		(T182) 08232 - 08480	01
	S2353-4	. CONTACT			01
	S2353-5	. CONTACT			06
	S2353-6	. CONTACT			05
	S3373-1	. CONTACT			01
JC026	S2350-3	HOUSING - RECEPTACLE (ZONE 220)		(182) 81318 & ON (T182) 08232 & ON	01
	S2353-4	. CONTACT			AR
	S2353-6	. CONTACT		(182) 81318 - 82280	AR
	S3373-1	. CONTACT			AR
	S2353-5	. PIN			AR
NZ001		PRINTED CKT - STANDBY BATTERY			01
PC025	S2349-1	CONNECTOR	V00779	(T182) 08232 - 08480	01
	S2099-13	. CONTACT			06
	S2099-3	. CONTACT			02
	S2099-4	. CONTACT	V00779		05
	S3373-2	. CONTACT			02
PC026	S2349-1	CONNECTOR - PLUG	V00779	(182) 81318 & ON (T182) 08232 & ON	01
	S2099-13	. CONTACT		(182) 81318 - 82280 (T182) 08232 - 09023	02
	S2099-3	. CONTACT			02
	S2099-4	. CONTACT	V00779		09
	S3373-2	. CONTACT - SOCKET			02
PI036	RD15F00JVL0	CONNECTOR	V28198	(T182) 08232 - 08480	01
	FC6020D	. CONTACT	V28198		13
RI010	S2041-50B12	RESISTOR		(T182) 08232 - 08480	01
SI009		SWITCH - MASTER			RF
SI010		SWITCH - AVIONICS MASTER			RF
SI013		SWITCH			RF
SI014		SWITCH - LANDING LIGHT			RF
SI015		SWITCH - TAXI LIGHT SWITCH			RF
SI016		SWITCH - NAVIGATION LIGHT SWITCH			RF
SI017		SWITCH - STROBE LIGHT			RF
SI018		SWITCH - FUEL PUMP			RF
SI019		SWITCH - PITOT HEAT			RF
SI020		SWITCH - PROP HEAT			RF
SI021		SWITCH - STANDBY BATTERY			RF
SI022		THERMOSTAT			RF

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Figure 05 : Sheet 01 : SWITCH PANEL W/NAVIII AND PROP DE-ICE



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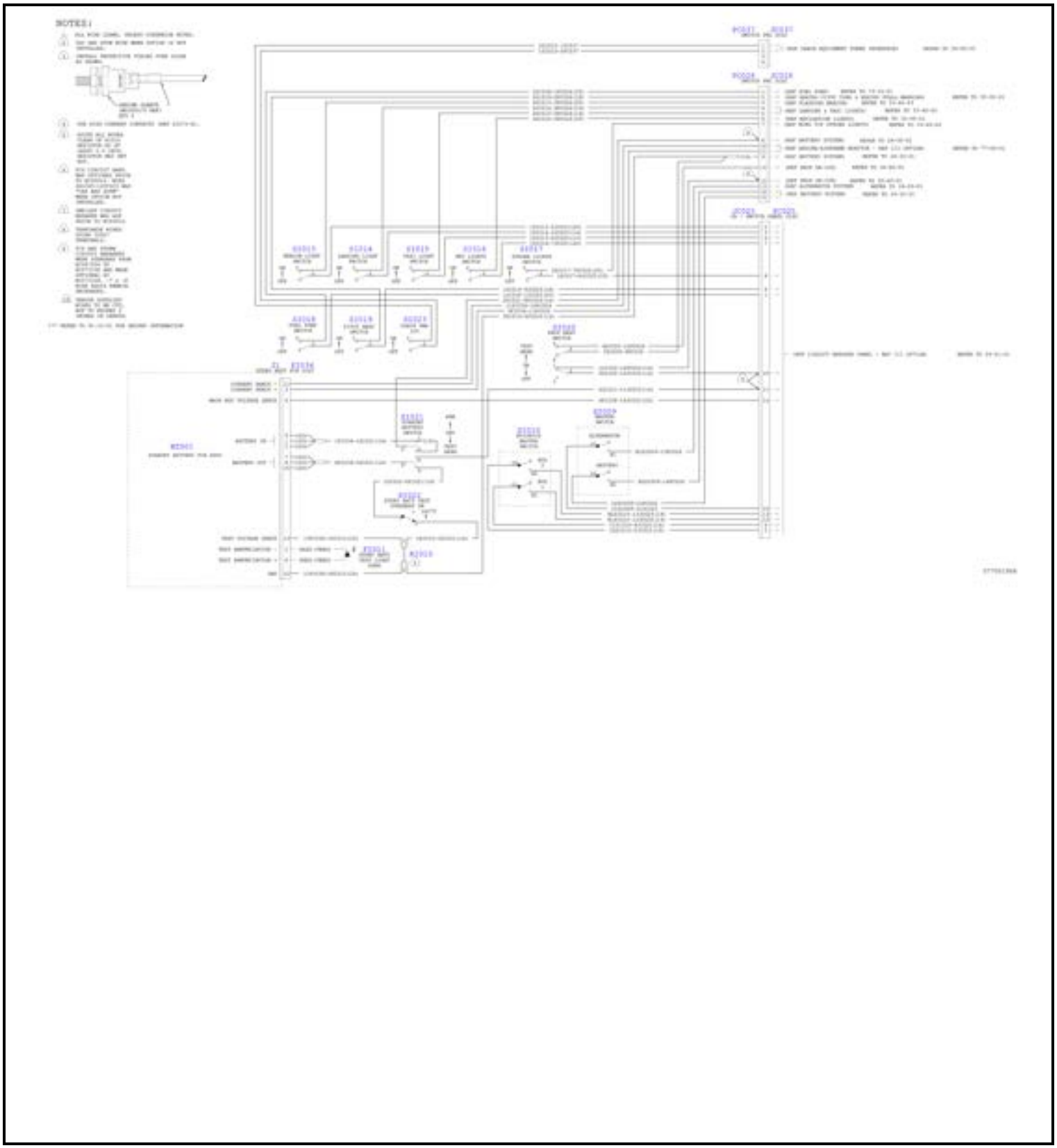
SWITCH PANEL W/NAVIII AND PROP DE-ICE

AIRPLANES (T182) 08481 THRU 09023

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
FI011	S2800-679	LED - GREEN		(T182) 08481 - 09023	01
J1	S2035-1	HOUSING - POWER JUNCTION BOX DISCONNECT		(T182) 08481 - 09023	01
	S1635-1	. PIN	V49367		AR
JC025	S2350-3	CONNECTOR		(T182) 08481 - 09023	01
	S2353-4	. CONTACT			01
	S2353-5	. CONTACT			06
	S2353-6	. CONTACT			05
	S3373-1	. CONTACT			01
JC026	S2350-3	HOUSING - RECEPTACLE (ZONE 220)		(182) 81318 & ON (T182) 08232 & ON	01
	S2353-4	. CONTACT			AR
	S2353-6	. CONTACT		(182) 81318 - 82280	AR
	S3373-1	. CONTACT			AR
	S2353-5	. PIN			AR
JC037	S2350-5	CONNECTOR	V00779	(T182) 08481 - 09023	01
	S2353-5	. PIN			AR
NZ001		PRINTED CKT - STANDBY BATTERY			01
PC025	S2349-1	CONNECTOR	V00779	(T182) 08481 - 09023	01
	S2099-13	. CONTACT			06
	S2099-3	. CONTACT			02
	S2099-4	. CONTACT	V00779		05
	S3373-2	. CONTACT			02
PC026	S2349-1	CONNECTOR - PLUG	V00779	(182) 81318 & ON (T182) 08232 & ON	01
	S2099-13	. CONTACT		(182) 81318 - 82280 (T182) 08232 - 09023	02
	S2099-3	. CONTACT			02
	S2099-4	. CONTACT	V00779		09
	S3373-2	. CONTACT - SOCKET			02
PC037	S2349-2	CONNECTOR	V00779	(T182) 08481 - 09023	01
	S2099-4	. CONTACT	V00779		AR
PI036	RD15F00JVL0	CONNECTOR	V28198	(T182) 08481 - 09023	01
	FC6020D	. CONTACT	V28198		13
RI010	S2041-50B12	RESISTOR		(T182) 08481 - 09023	01
SI009		SWITCH - MASTER			RF
SI010		SWITCH - AVIONICS MASTER			RF
SI013		SWITCH			RF
SI014		SWITCH - LANDING LIGHT			RF
SI015		SWITCH - TAXI LIGHT SWITCH			RF
SI016		SWITCH - NAVIGATION LIGHT SWITCH			RF
SI017		SWITCH - STROBE LIGHT			RF
SI018		SWITCH - FUEL PUMP			RF
SI019		SWITCH - PITOT HEAT			RF
SI020		SWITCH - PROP HEAT			RF
SI021		SWITCH - STANDBY BATTERY			RF
SI022		THERMOSTAT			RF
SI023		SWITCH - CABIN POWER			RF

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Figure 06 : Sheet 01 : SWITCH PANEL W/NAVIII AND PROP DE-ICE



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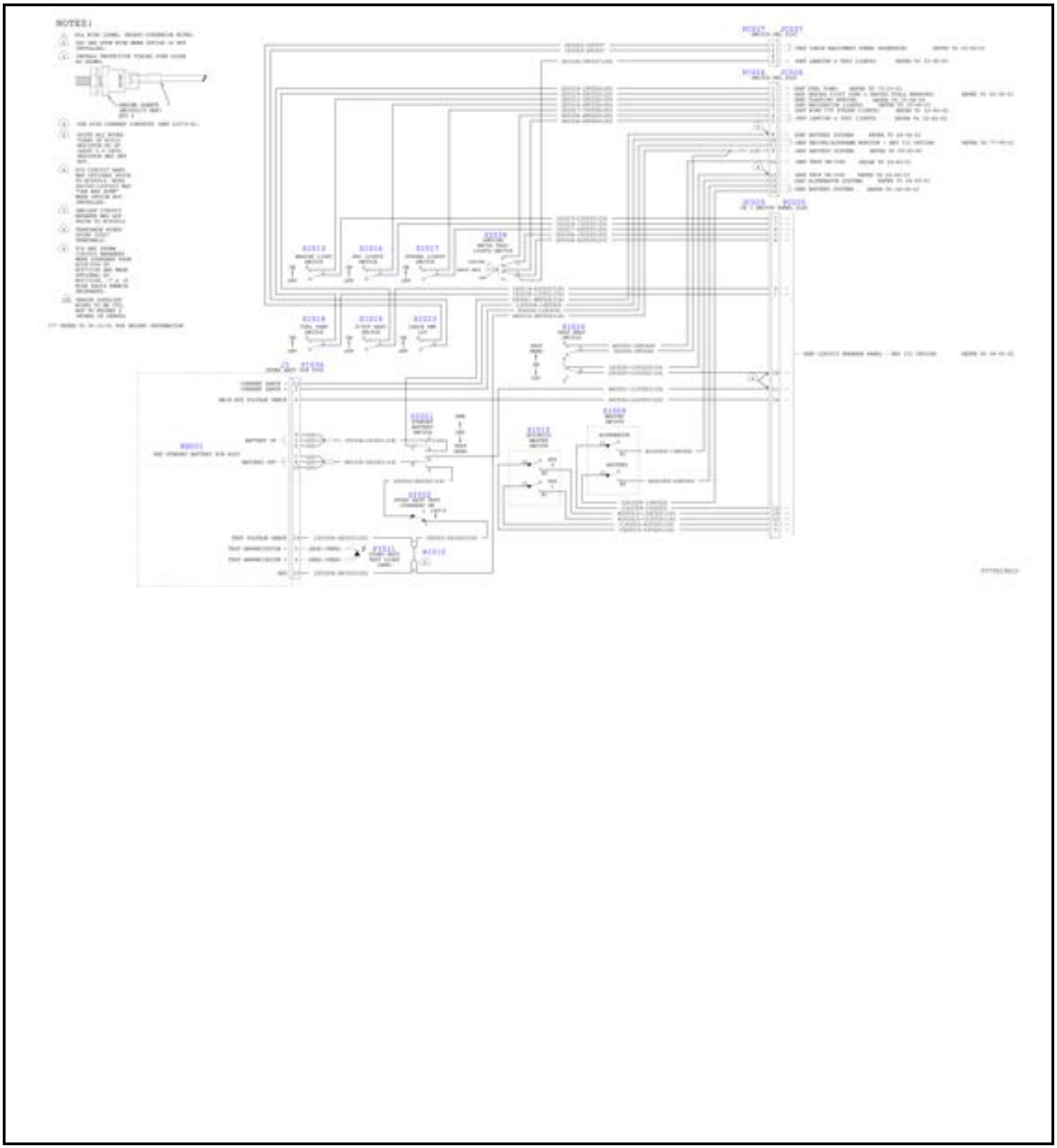
SWITCH PANEL W/NAVIII AND PROP DE-ICE

AIRPLANES (T182) 09024 THRU 09113 AND 09115 THRU 09135

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
FI011	S2800-679	LED - GREEN		(T182) 09024 - 09113 (T182) 09115 - 09135	01
J1	S2035-1	HOUSING - POWER JUNCTION BOX DISCONNECT		(T182) 09024 - 09113 (T182) 09115 - 09135	01
	S1635-1	. PIN	V49367		AR
JC025	S2350-3	CONNECTOR		(T182) 09024 - 09113 (T182) 09115 - 09135	01
	S2353-4	. CONTACT			01
	S2353-5	. CONTACT			06
	S2353-6	. CONTACT			05
	S3373-1	. CONTACT			01
JC026	S2350-3	HOUSING - RECEPTACLE (ZONE 220)		(182) 81318 & ON (T182) 08232 & ON	01
	S2353-4	. CONTACT			AR
	S2353-6	. CONTACT		(182) 81318 - 82280	AR
	S3373-1	. CONTACT			AR
	S2353-5	. PIN			AR
JC037	S2350-5	CONNECTOR	V00779	(T182) 09024 - 09113 (T182) 09115 - 09135	01
	S2353-5	. PIN			AR
NZ001		PRINTED CKT - STANDBY BATTERY			01
PC025	S2349-1	CONNECTOR	V00779	(T182) 09024 - 09113 (T182) 09115 - 09135	01
	S2099-13	. CONTACT			06
	S2099-3	. CONTACT			02
	S2099-4	. CONTACT	V00779		05
	S3373-2	. CONTACT			02
PC026	S2349-1	CONNECTOR - PLUG	V00779	(182) 81318 & ON (T182) 08232 & ON	01
	S2099-13	. CONTACT		(182) 81318 - 82280 (T182) 08232 - 09023	02
	S2099-3	. CONTACT			02
	S2099-4	. CONTACT	V00779		09
	S3373-2	. CONTACT - SOCKET			02
PC037	S2349-2	CONNECTOR	V00779	(T182) 09024 - 09113 (T182) 09115 - 09135	01
	S2099-4	. CONTACT	V00779		AR
PI036	RD15F00JVL0	CONNECTOR	V28198	(T182) 09024 - 09113 (T182) 09115 - 09135	01
	FC6020D	. CONTACT	V28198		13
RI010	S2041-50B12	RESISTOR		(T182) 09024 - 09113 (T182) 09115 - 09135	01
SI009		SWITCH - MASTER			RF
SI010		SWITCH - AVIONICS MASTER			RF
SI013		SWITCH			RF
SI016		SWITCH - NAVIGATION LIGHT SWITCH			RF
SI017		SWITCH - STROBE LIGHT			RF
SI018		SWITCH - FUEL PUMP			RF
SI019		SWITCH - PITOT HEAT			RF
SI020		SWITCH - PROP HEAT			RF
SI021		SWITCH - STANDBY BATTERY			RF
SI022		THERMOSTAT			RF
SI023		SWITCH - CABIN POWER			RF
SI034		SWITCH - LANDING RECOGNITION TAXI LIGHTS			RF

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Figure 07 : Sheet 01 : SWITCH PANEL W/NAVIII AND PROP DE-ICE



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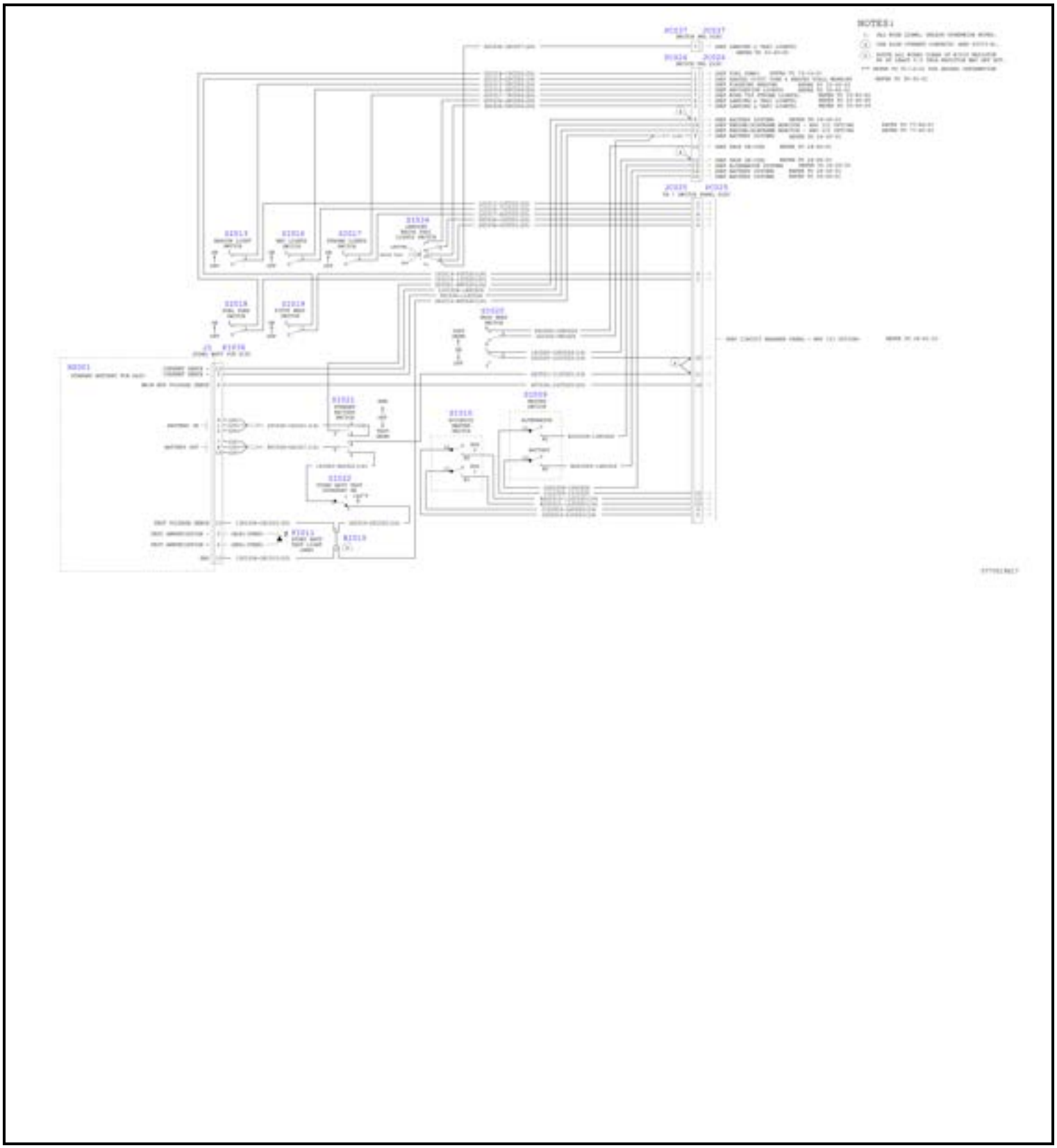
SWITCH PANEL W/NAVIII AND PROP DE-ICE

AIRPLANES (T182) 09114 AND 09136 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
FI011	S2800-679	LED		(T182) 09114 - 09114 (T182) 09136 & ON	01
J1	S2035-1	HOUSING - POWER JUNCTION BOX DISCONNECT		(T182) 09114 - 09114 (T182) 09136 & ON	01
	S1635-1	. PIN	V49367		AR
JC025	S2350-3	CONNECTOR		(T182) 09114 - 09114 (T182) 09136 & ON	01
	S2353-4	. CONTACT			01
	S2353-5	. CONTACT			06
	S2353-6	. CONTACT			05
	S3373-1	. CONTACT			01
JC026	S2350-3	HOUSING - RECEPTACLE (ZONE 220)		(182) 81318 & ON (T182) 08232 & ON	01
	S2353-4	. CONTACT			AR
	S2353-6	. CONTACT		(182) 81318 - 82280	AR
	S3373-1	. CONTACT			AR
	S2353-5	. PIN			AR
JC037	S2350-5	CONNECTOR	V00779	(T182) 09114 - 09114 (T182) 09136 & ON	01
	S2353-5	. PIN			AR
NZ001		PRINTED CKT - STANDBY BATTERY			01
PC025	S2349-1	CONNECTOR	V00779	(T182) 09114 - 09114 (T182) 09136 & ON	01
	S2099-13	. CONTACT			06
	S2099-3	. CONTACT			02
	S2099-4	. CONTACT	V00779		05
	S3373-2	. CONTACT			02
PC026	S2349-1	CONNECTOR - PLUG	V00779	(182) 81318 & ON (T182) 08232 & ON	01
	S2099-13	. CONTACT		(182) 81318 - 82280 (T182) 08232 - 09023	02
	S2099-3	. CONTACT			02
	S2099-4	. CONTACT	V00779		09
	S3373-2	. CONTACT - SOCKET			02
PC037	S2349-2	CONNECTOR	V00779	(T182) 09114 - 09114 (T182) 09136 & ON	01
	S2099-4	. CONTACT	V00779		AR
PI036	RD15F00JVL0	CONNECTOR	V28198	(T182) 09114 - 09114 (T182) 09136 & ON	01
	FC6020D	. CONTACT	V28198		13
RI010	S2041-50B12	RESISTOR		(T182) 09114 - 09114 (T182) 09136 & ON	01
SI009	S3272-1-1	SWITCH		(T182) 09114 - 09114 (T182) 09136 & ON	01
	S1843-1	. MOUNTING BEZEL			01
SI010	S3443-1-1	SWITCH		(T182) 09114 - 09114 (T182) 09136 & ON	01
	S1843-1	. MOUNTING BEZEL			01
SI013	MS35058-22	SWITCH	V96906	(T182) 09114 - 09114 (T182) 09136 & ON	01
SI016	MS35058-22	SWITCH	V96906	(T182) 09114 - 09114 (T182) 09136 & ON	01
SI017	MS35058-22	SWITCH	V96906	(T182) 09114 - 09114 (T182) 09136 & ON	01
SI018	MS35058-22	SWITCH	V96906	(T182) 09114 - 09114 (T182) 09136 & ON	01
SI019	MS35058-22	SWITCH	V96906	(T182) 09114 - 09114 (T182) 09136 & ON	01
SI020	MS25201-5	SWITCH		(T182) 09114 - 09114 (T182) 09136 & ON	01
SI021	MS35059-31	SWITCH	V96906	(T182) 09114 - 09114 (T182) 09136 & ON	01
SI022	4344-184-226	SWITCH	V82647	(T182) 09114 - 09114 (T182) 09136 & ON	01
SI034	MS27407-1	SWITCH	V96906	(T182) 09114 - 09114 (T182) 09136 & ON	01

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Figure 08 : Sheet 01 : SWITCH PANEL W/NAVIII AND PROP DE-ICE



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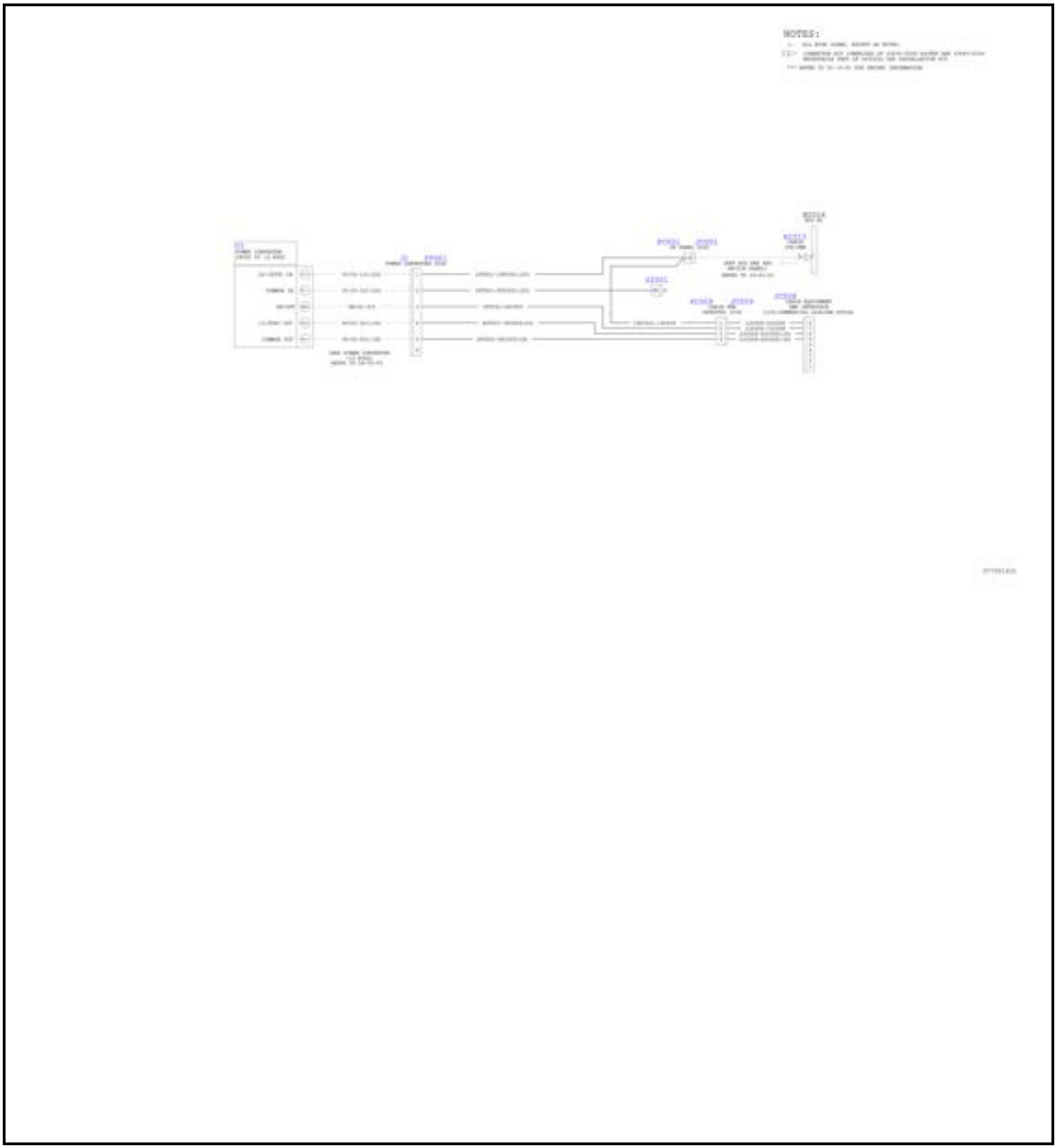
CABIN EQUIPMENT POWER INTERFACE

AIRPLANES (182) 80945 THRU 81197 AND AIRPLANES (T182) 08001 THRU 08185

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GI001	200838-2	GROUND BLOCK (ZONE 211)	V00779	(182) 80945 - 81197 (T182) 08001 - 08185	01
	S2099-13	. CONTACT			02
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
HI015	S1360-5L	CIRCUIT BREAKER (ZONE 224)		(182) 80945 - 81197 (T182) 08001 - 08185	01
J1	39-0050588-00	CONNECTOR - STROBE DISCONNECT (ZONE 121)	V10402	(182) 80945 - 81197 (T182) 08001 - 08185	01
	39-0403023-04	. CONTACT	V10402		01
JC001	S2349-5	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(182) 80945 - 81197 (T182) 08001 - 08185	01
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
JC008	D02EEBFRTAH-0022	CONNECTOR (ZONE 224)	V50541	(182) 80945 - 81197 (T182) 08001 - 08185	01
JC009	S1638-4	CONNECTOR (ZONE 211)		(182) 80945 - 81197 (T182) 08001 - 08185	01
	S1635-1	. CONTACT	V49367		AR
PC001	S2350-10	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(182) 80945 - 81197 (T182) 08001 - 08185	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PC009	S1638-6	CONNECTOR (ZONE 211)		(182) 80945 - 81197 (T182) 08001 - 08185	01
	S1636-1	. CONTACT			AR
PT001	S1641-6	CONNECTOR (ZONE 121)		(182) 80945 - 81197 (T182) 08001 - 08185	01
	S1636-1	. CONTACT			AR
	S1636-2	. CONTACT			01
U1		POWER CONVERTER ASSY			RF

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Figure 01 : Sheet 01 : CABIN EQUIPMENT POWER INTERFACE



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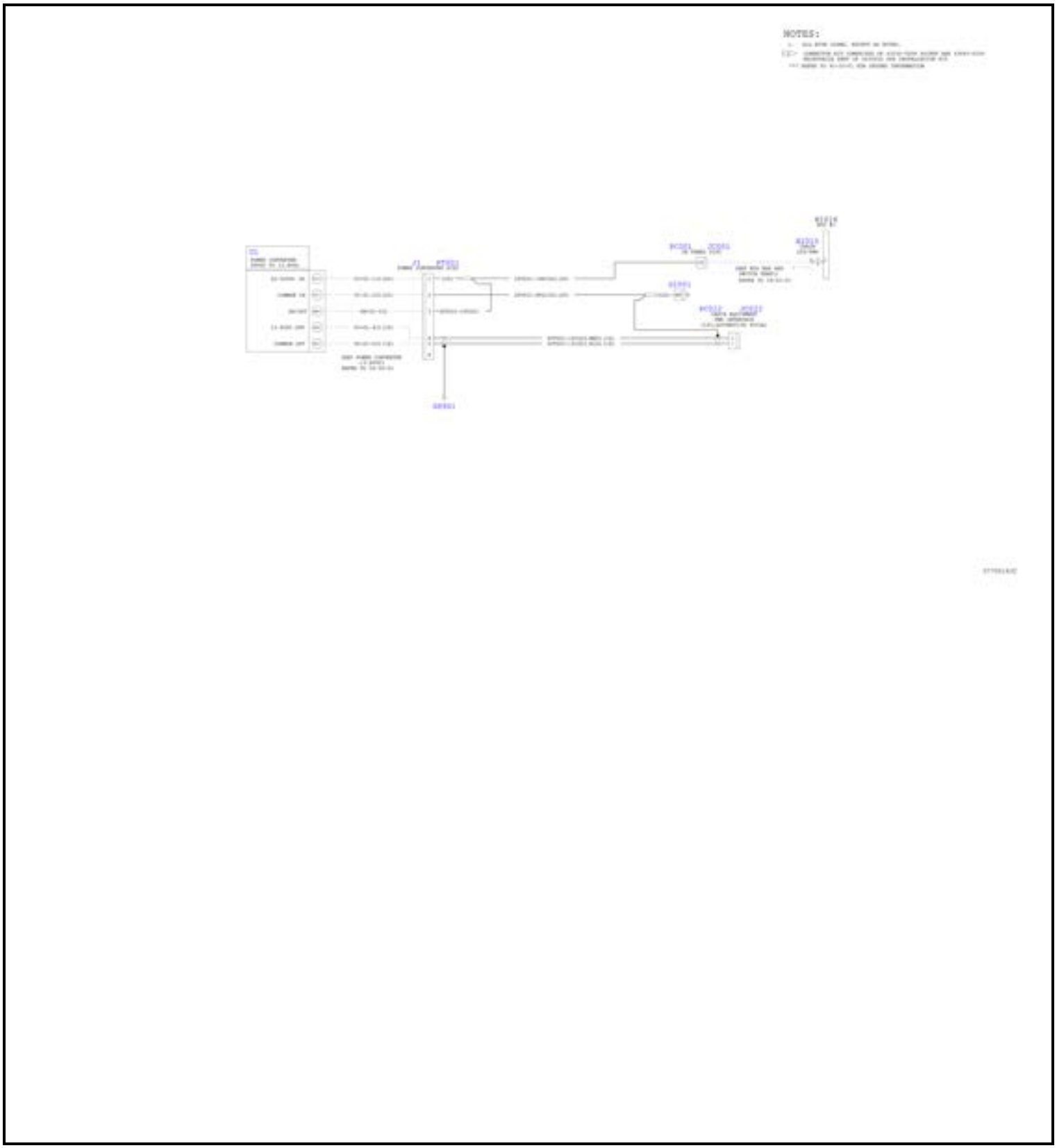
CABIN EQUIPMENT POWER INTERFACE WITHOUT NAV III OPTION

AIRPLANES (182) 81198 THRU 83250 AND AIRPLANES (T182) 08186 THRU 09113 AND 09115 THRU 09135

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GI001	200838-2	GROUND BLOCK (ZONE 211)	V00779	(182) 81198 - 83250 (T182) 08186 - 09113 (T182) 09115 - 09135	01
	S2099-13	. CONTACT			02
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
GS901		GROUND (ZONE 310)			RF
HI015	S1360-5L	CIRCUIT BREAKER (ZONE 224)		(182) 81198 - 83250 (T182) 08186 - 09113 (T182) 09115 - 09135	01
J1	39-0050588-00	CONNECTOR - STROBE DISCONNECT (ZONE 121)	V10402	(182) 81198 - 83250 (T182) 08186 - 09113 (T182) 09115 - 09135	01
	39-0403023-04	. CONTACT	V10402		01
JC001	S2349-5	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(182) 81198 - 83250 (T182) 08186 - 09113 (T182) 09115 - 09135	01
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
JC022		CONNECTOR			RF
PC001	S2350-10	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(182) 81198 - 83250 (T182) 08186 - 09113 (T182) 09115 - 09135	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PC022	926522-1	CONNECTOR	V00779	(182) 81198 - 83250 (T182) 08186 - 09113 (T182) 09115 - 09135	01
	1-160759-1	. CONTACT	V00779		02
PT001	S1641-6	CONNECTOR (ZONE 121)		(182) 81198 - 83250 (T182) 08186 - 09113 (T182) 09115 - 09135	01
	S1636-1	. CONTACT			AR
	S1636-2	. CONTACT			01
U1		POWER CONVERTER ASSY			RF

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Figure 02 : Sheet 01 : CABIN EQUIPMENT POWER INTERFACE WITHOUT NAV III OPTION



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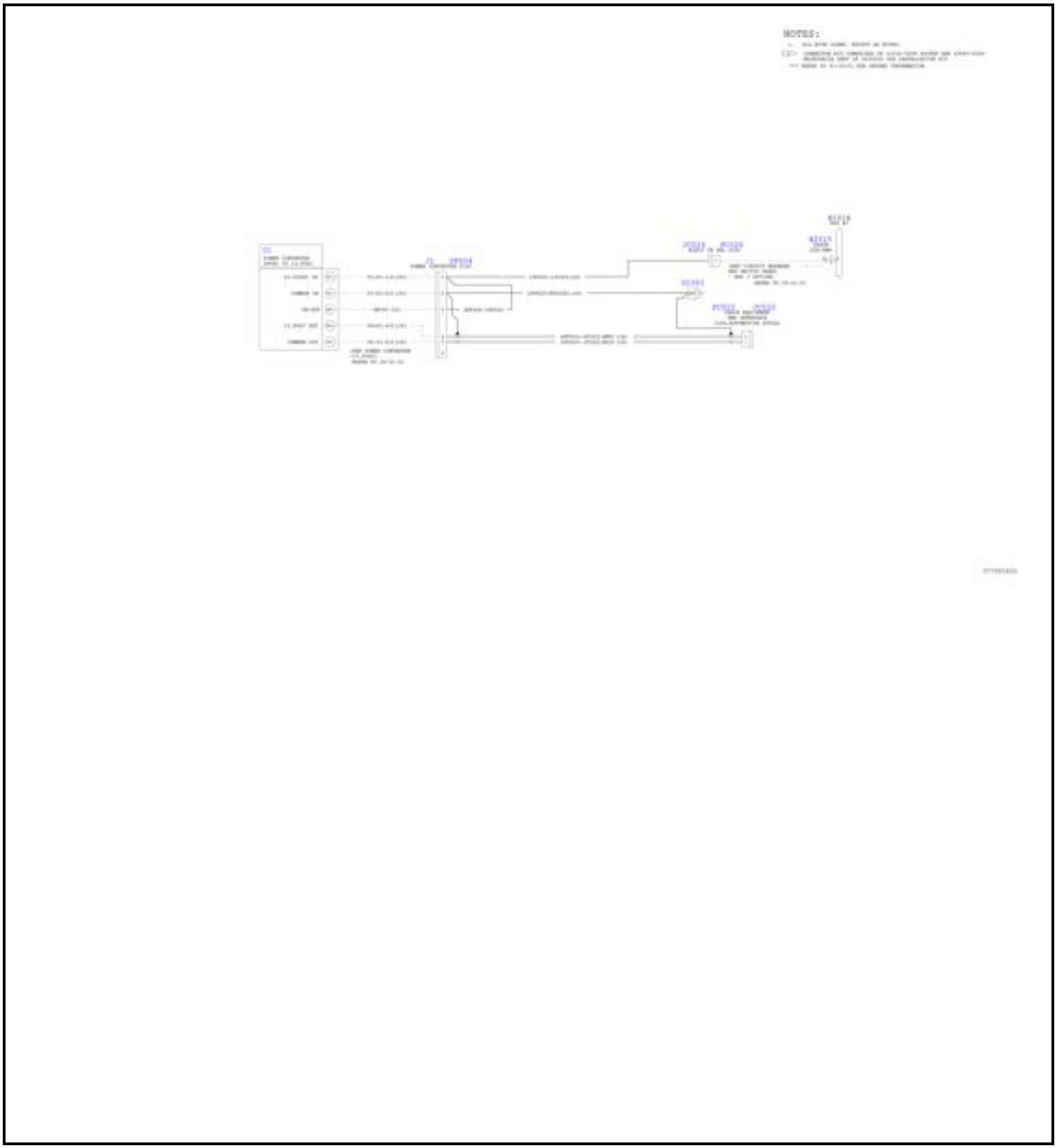
CABIN EQUIPMENT POWER INTERFACE W/NAV III OPTION

AIRPLANES (182) 81318 THRU 81741 AND AIRPLANES (T182) 08232 THRU 08480

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GI001	200838-2	GROUND BLOCK (ZONE 211)	V00779	(182) 81318 - 81741 (T182) 08232 - 08480	01
	S2099-13	. CONTACT			02
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
HI015	S1360-5L	CIRCUIT BREAKER (ZONE 224)		(182) 81318 - 81741 (T182) 08232 - 08480	01
J1	39-0050588-00	CONNECTOR - STROBE DISCONNECT (ZONE 121)	V10402	(182) 81318 - 81741 (T182) 08232 - 08480	01
	39-0403023-04	. CONTACT	V10402		01
JC022		CONNECTOR			RF
JC024	S2350-4	RECEPTACLE (ZONE 220)	V00779	(182) 81318 & ON (T182) 08232 & ON	01
	S2353-4	. CONTACT			01
	S2353-5	. PIN			01
PC022	926522-1	CONNECTOR	V00779	(182) 81318 - 81741 (T182) 08232 - 08480	01
	1-160759-1	. CONTACT	V00779		02
PC024	S2349-3	PLUG (ZONE 220)		(182) 81318 & ON (T182) 08232 & ON	01
	S2099-3	. CONTACT			01
	S2099-4	. CONTACT	V00779		01
PF004	S1641-6	CONNECTOR		(182) 81318 - 81741 (T182) 08232 - 08480	01
	S1636-1	. CONTACT			03
	S1636-2	. CONTACT			02
U1		POWER CONVERTER ASSY			RF

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Figure 03 : Sheet 01 : CABIN EQUIPMENT POWER INTERFACE W/NAV III OPTION



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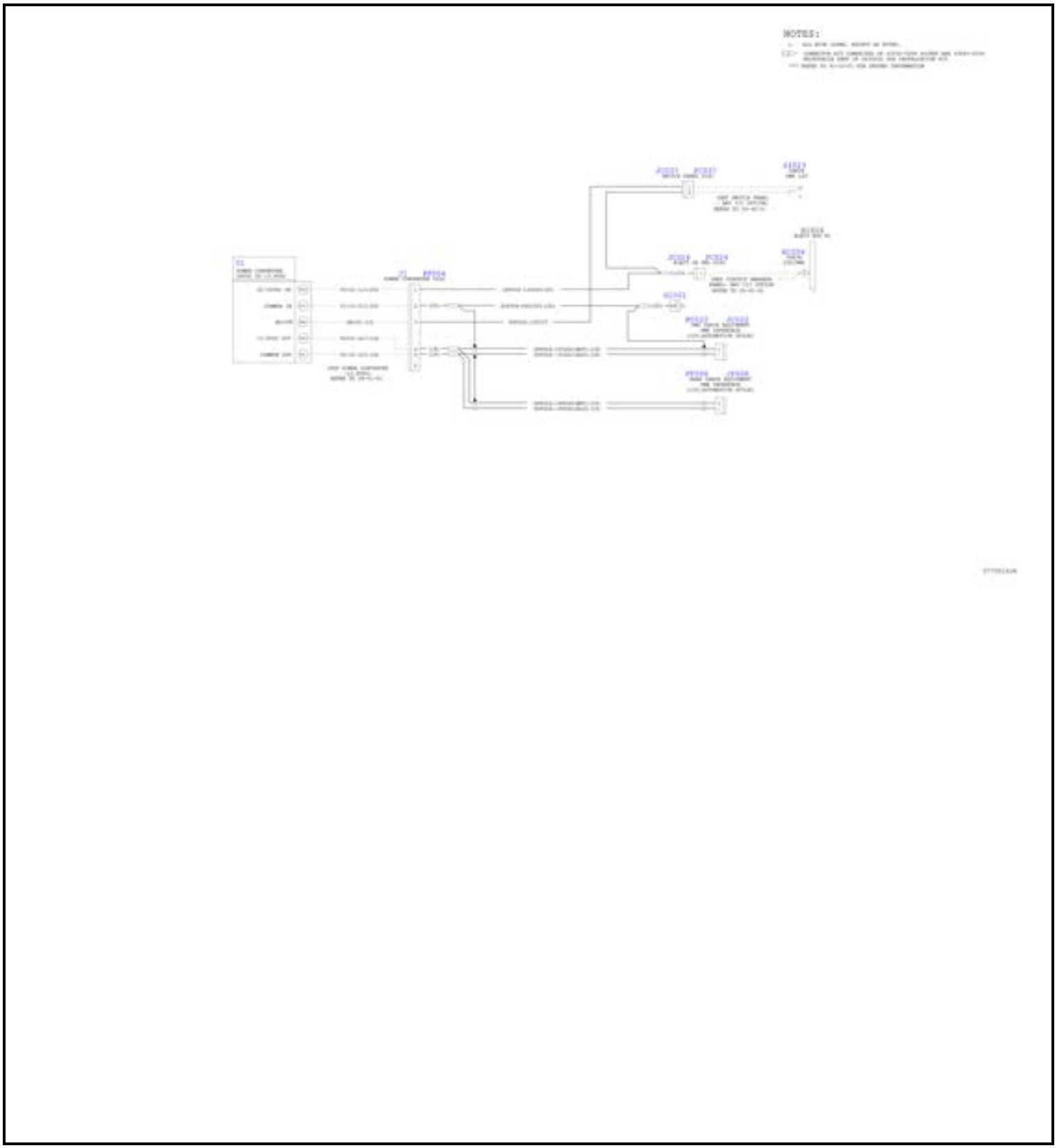
CABIN EQUIPMENT POWER INTERFACE W/NAV III OPTION

AIRPLANES (182) 81742 THRU 83120 AND AIRPLANES (T182) 08481 THRU 09113 AND 09115 THRU 09135

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GI001	200838-2	GROUND BLOCK (ZONE 211)	V00779	(182) 81742 - 83120 (T182) 08481 - 09113 (T182) 09115 - 09135	01
	S2099-13	. CONTACT			02
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
HI056		CIRCUIT BREAKER - CABIN LIGHTS/POWER			RF
J1	39-0050588-00	CONNECTOR - STROBE DISCONNECT (ZONE 121)	V10402	(182) 81742 - 83120 (T182) 08481 - 09113 (T182) 09115 - 09135	01
	39-0403023-04	. CONTACT	V10402		01
JC022		CONNECTOR			RF
JC024	S2350-4	RECEPTACLE (ZONE 220)	V00779	(182) 81318 & ON (T182) 08232 & ON	01
	S2353-4	. CONTACT			01
	S2353-5	. PIN			01
JC037	S2350-5	CONNECTOR	V00779	(182) 81742 - 83120 (T182) 08481 - 09113 (T182) 09115 - 09135	01
	S2353-5	. PIN			AR
JF006		CONNECTOR			RF
PC022	926522-1	CONNECTOR	V00779	(182) 81742 - 83120 (T182) 08481 - 09113 (T182) 09115 - 09135	01
	1-160759-1	. CONTACT	V00779		02
PC024	S2349-3	PLUG (ZONE 220)		(182) 81318 & ON (T182) 08232 & ON	01
	S2099-3	. CONTACT			01
	S2099-4	. CONTACT	V00779		01
PC037	S2349-2	CONNECTOR	V00779	(182) 81742 - 83120 (T182) 08481 - 09113 (T182) 09115 - 09135	01
	S2099-4	. CONTACT	V00779		AR
PF004	S1641-6	CONNECTOR		(182) 81742 - 83120 (T182) 08481 - 09113 (T182) 09115 - 09135	01
	S1636-1	. CONTACT			03
	S1636-2	. CONTACT			02
PF006	926522-1	CONNECTOR	V00779	(182) 81742 - 83120 (T182) 08481 - 09113 (T182) 09115 - 09135	01
	1-160759-1	. CONTACT	V00779		AR
SI023		SWITCH - CABIN POWER			RF
U1		POWER CONVERTER ASSY			RF

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Figure 04 : Sheet 01 : CABIN EQUIPMENT POWER INTERFACE W/NAV III OPTION



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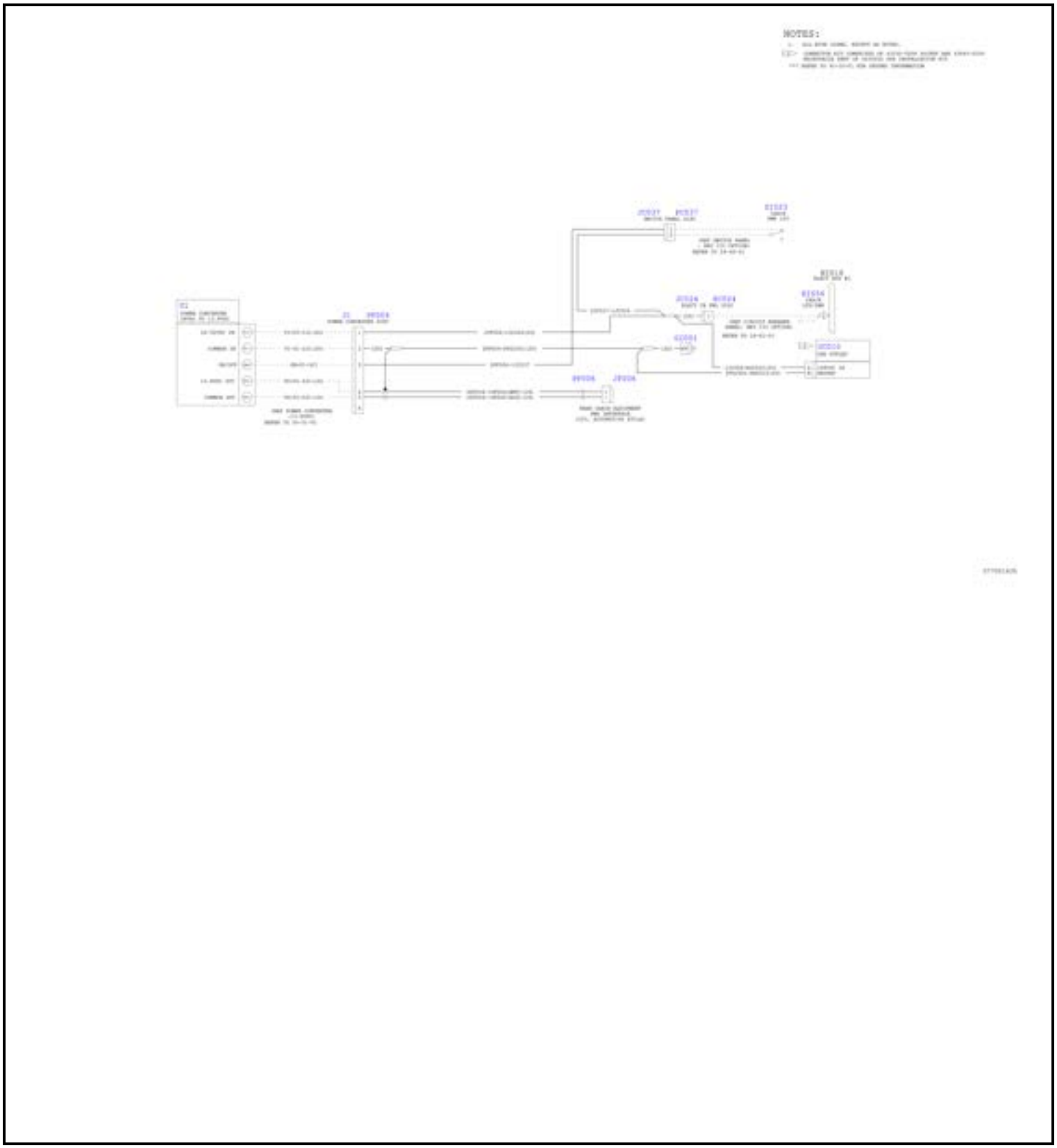
CABIN EQUIPMENT POWER INTERFACE W/NAV III OPTION

AIRPLANES (182) 83121 THRU 83250

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GI001	200838-2	GROUND BLOCK (ZONE 211)	V00779	(182) 83121 - 83250	01
	S2099-13	. CONTACT			02
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
HI056		CIRCUIT BREAKER - CABIN LIGHTS/POWER			RF
J1	39-0050588-00	CONNECTOR - STROBE DISCONNECT (ZONE 121)	V10402	(182) 83121 - 83250	01
	39-0403023-04	. CONTACT	V10402		01
JC024	S2350-4	RECEPTACLE (ZONE 220)	V00779	(182) 81318 & ON (T182) 08232 & ON	01
	S2353-4	. CONTACT			01
	S2353-5	. PIN			01
JC037	S2350-5	CONNECTOR	V00779	(182) 83121 - 83250	01
	S2353-5	. PIN			AR
JF006		CONNECTOR			RF
PC024	S2349-3	PLUG (ZONE 220)		(182) 81318 & ON (T182) 08232 & ON	01
	S2099-3	. CONTACT			01
	S2099-4	. CONTACT	V00779		01
PC037	S2349-2	CONNECTOR	V00779	(182) 83121 - 83250	01
	S2099-4	. CONTACT	V00779		AR
PF004	S1641-6	CONNECTOR		(182) 83121 - 83250	01
	S1636-1	. CONTACT			03
	S1636-2	. CONTACT			02
PF006	926522-1	CONNECTOR	V00779	(182) 83121 - 83250	01
	1-160759-1	. CONTACT	V00779		AR
SI023		SWITCH - CABIN POWER			RF
U1		POWER CONVERTER ASSY			RF
UC010		USB OUTLET			RF

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Figure 05 : Sheet 01 : CABIN EQUIPMENT POWER INTERFACE W/NAV III OPTION



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CABIN EQUIPMENT POWER INTERFACE W/NAV III OPTION

AIRPLANES (182) 83251 & ON AND AIRPLANES (T182) 09114 AND 09136 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
AC901	S1370-1	SPLICE		(182) 83251 & ON (T182) 09114 - 09114 (T182) 09136 & ON	01
AC902	S1370-1	SPLICE		(182) 83251 & ON (T182) 09114 - 09114 (T182) 09136 & ON	01
GI001	S2099-4	CONTACT	V00779	(182) 83251 & ON (T182) 09114 - 09114 (T182) 09136 & ON	01
HI056		CIRCUIT BREAKER - CABIN LIGHTS/POWER			RF
JC024	S2350-4	RECEPTACLE (ZONE 220)	V00779	(182) 81318 & ON (T182) 08232 & ON	01
	S2353-4	. CONTACT			01
	S2353-5	. PIN			01
PC024	S2349-3	PLUG (ZONE 220)		(182) 81318 & ON (T182) 08232 & ON	01
	S2099-3	. CONTACT			01
	S2099-4	. CONTACT	V00779		01
PC052	S2035-2	HOUSING	V00779	(182) 83251 & ON (T182) 09114 - 09114 (T182) 09136 & ON	01
	S1636-2	. SOCKET			02
PC053	S2035-2	HOUSING	V00779	(182) 83251 & ON (T182) 09114 - 09114 (T182) 09136 & ON	01
	S1636-2	. SOCKET			02
PC054	S2349-2	PLUG	V00779	(182) 83251 & ON (T182) 09114 - 09114 (T182) 09136 & ON	01
	S2099-2	. CONTACT			04
PF005	S2035-2	HOUSING	V00779	(182) 83251 & ON (T182) 09114 - 09114 (T182) 09136 & ON	01
	S1636-2	. SOCKET			02
PF008	S2035-2	HOUSING	V00779	(182) 83251 & ON (T182) 09114 - 09114 (T182) 09136 & ON	01
	S1636-2	. SOCKET			02
UC010		USB OUTLET			RF

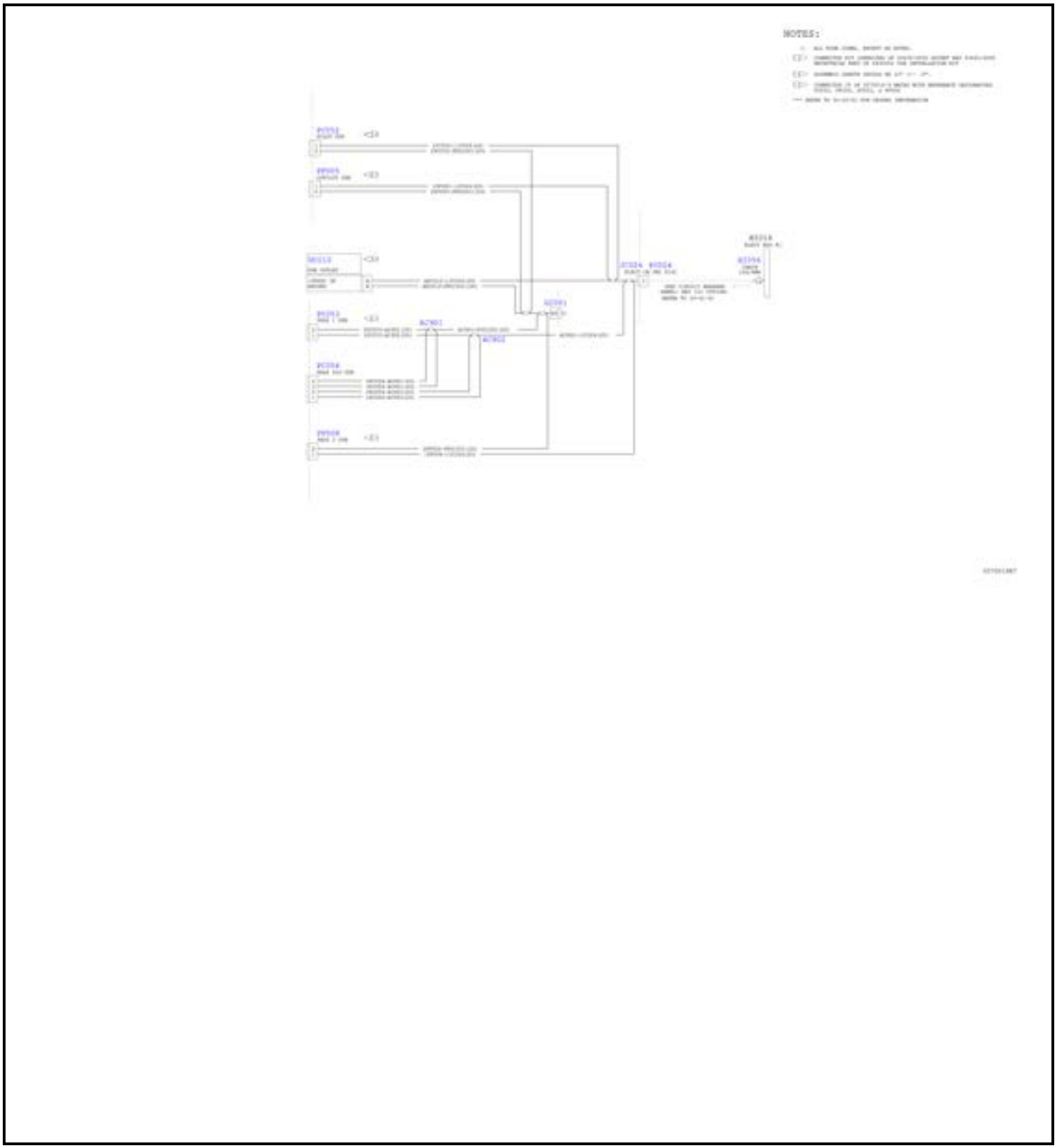
CABIN EQUIPMENT POWER INTERFACE W/NAV III OPTION

AIRPLANES (182) 83251 & ON AND AIRPLANES (T182) 09114 AND 09136 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
J5	S2035-1	HOUSING		(182) 83251 & ON (T182) 09114 - 09114 (T182) 09136 & ON	01
	1581-2	. JACK	V05276		01
	S1635-2	. PIN			02
U1		POWER CONVERTER ASSY			RF

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Figure 06 : Sheet 01 : CABIN EQUIPMENT POWER INTERFACE W/NAV III OPTION



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Figure 06 : Sheet 02 : CABIN EQUIPMENT POWER INTERFACE W/NAV III OPTION



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POWER CONVERTER

AIRPLANES (182) 80945 & ON AND AIRPLANES (T182) 08001 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
J1	39-0050588-00	CONNECTOR - STROBE DISCONNECT (ZONE 121)	V10402	(182) 80945 & ON (T182) 08001 & ON	01
	39-0403023-04	. CONTACT	V10402		01
U1		POWER CONVERTER ASSY			RF

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Figure 01 : Sheet 01 : POWER CONVERTER



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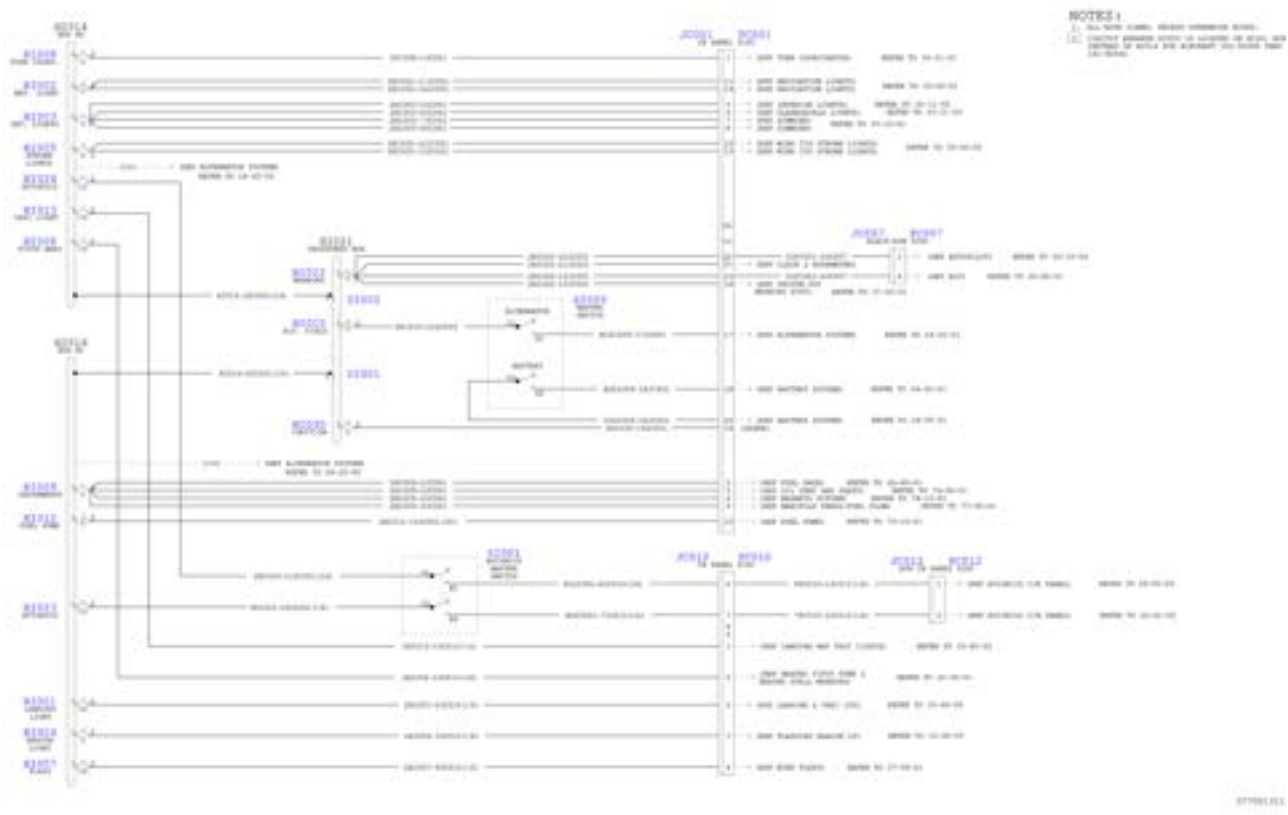
CIRCUIT BREAKER PANEL

AIRPLANES (182) 80001 THRU 80003

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
DI001	1N6391	DIODE (ZONE 224)		(182) 80001 - 80003	01
DI002	1N6391	DIODE (ZONE 224)		(182) 80001 - 80003	01
HI001	CM3589-10	CIRCUIT BREAKER (ZONE 224)		(182) 80001 - 80003	01
	S2122-1	. NUT			01
HI002	CM3589-5	CIRCUIT BREAKER (ZONE 224)		(182) 80001 - 80003	01
	S2122-1	. NUT			01
HI003	S1360-5L	CIRCUIT BREAKER (ZONE 224)		(182) 80001 - 80003	01
HI004	CM3589-5	CIRCUIT BREAKER - BEACON LIGHT (ZONE 224)		(182) 80001 - 80003	01
	S2122-1	. NUT			01
HI005	CM3589-5	CIRCUIT BREAKER - STROBE LIGHTS (ZONE 224)		(182) 80001 - 80003	01
HI006	CM3589-10	CIRCUIT BREAKER (ZONE 224)		(182) 80001 - 80003	01
HI007	S1360-10L	CIRCUIT BREAKER (ZONE 224)		(182) 80001 - 80003	01
HI008	S1360-5L	CIRCUIT BREAKER (ZONE 224)		(182) 80001 - 80003	01
HI009	S1360-5L	CIRCUIT BREAKER (ZONE 224)		(182) 80001 - 80003	01
HI010	S1360-5L	CIRCUIT BREAKER (ZONE 224)		(182) 80001 - 80003	01
HI012	CM3589-5	CIRCUIT BREAKER (ZONE 224)		(182) 80001 - 80003	01
HI013	CM3589-10	CIRCUIT BREAKER (ZONE 224)		(182) 80001 - 80003	01
HI022	S1360-5L	CIRCUIT BREAKER (ZONE 224)		(182) 80001 - 80003	01
HI023	S1360-15L	CIRCUIT BREAKER (ZONE 224)		(182) 80001 - 80003	01
HI024	S1360-15L	CIRCUIT BREAKER (ZONE 224)		(182) 80001 - 80003	01
HI030	S1360-5L	CIRCUIT BREAKER (ZONE 224)		(182) 80001 - 80003	01
JC001	S2349-5	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(182) 80001 - 80003	01
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
JC007	S1641-9	CONNECTOR - ELECTRICAL/AVIONIC DISCONNECT (ZONE 224)		(182) 80001 - 80003	01
	S1636-1	. CONTACT			AR
JC010	S1641-9	CONNECTOR - HOUSING-SOCKET (ZONE 224)		(182) 80001 - 80003	01
	S1636-1	. ELECTRICAL SOCKET			AR
	S1636-2	. SOCKET			AR
JC012	S2035-2	CONNECTOR (ZONE 224)	V00779	(182) 80001 - 80003	01
	S1636-2	. CONTACT			AR
PC001	S2350-10	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(182) 80001 - 80003	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PC007	S1640-9	CONNECTOR - ELECTRICAL/AVIONIC DISCONNECT (ZONE 610)		(182) 80001 - 80003	01
	S1635-1	. CONTACT	V49367		AR
PC010	S1640-9	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(182) 80001 - 80003	01
	S1635-1	. CONTACT	V49367		AR
	S1635-2	. CONTACT			AR
PC012	S2035-1	CONNECTOR		(182) 80001 - 80003	01
	S1635-2	. CONTACT			AR
SI001	S3271-1-1	SWITCH - AVIONICS MASTER		(182) 80001 - 80003	01
	S1843-1	. MOUNTING BEZEL			01
SI009		SWITCH - MASTER			RF

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Figure 01 : Sheet 01 : CIRCUIT BREAKER PANEL



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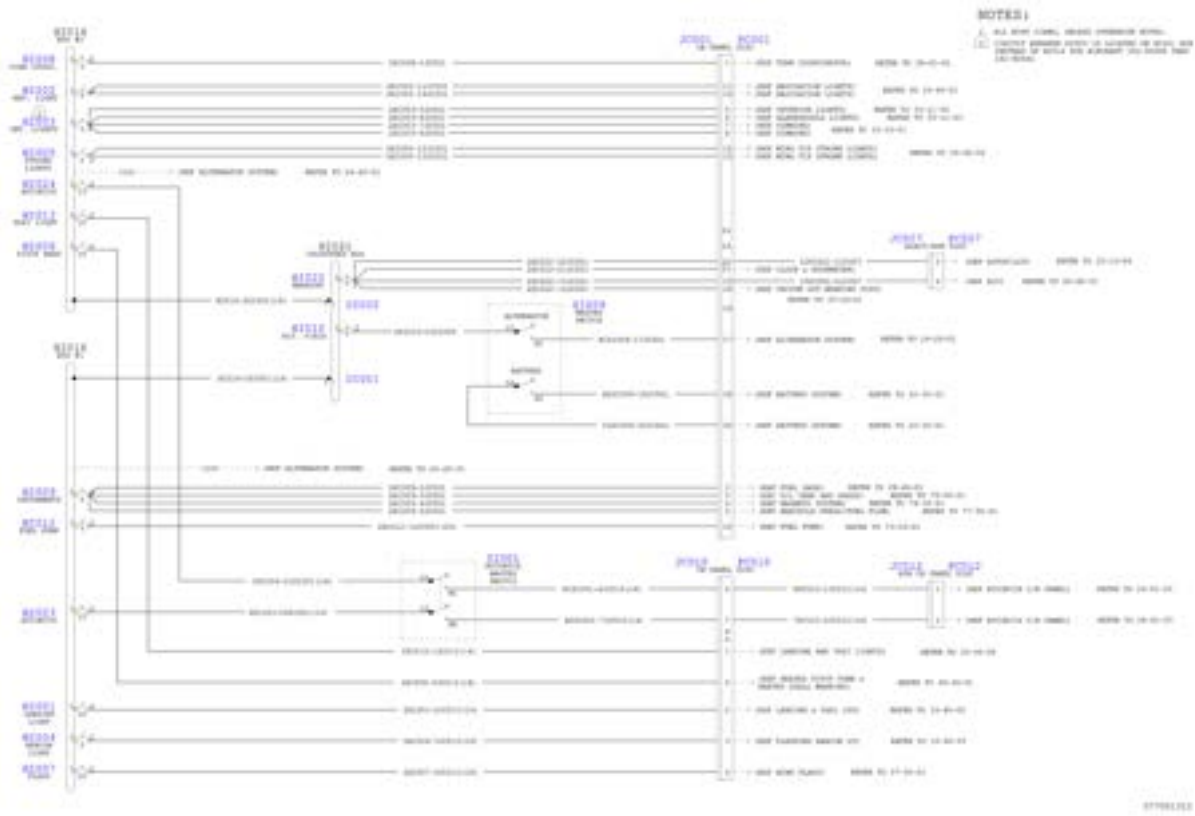
CIRCUIT BREAKER PANEL

AIRPLANES (182) 80004 THRU 80944

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
DI001	1N6391	DIODE (ZONE 224)		(182) 80004 - 80944	01
DI002	1N6391	DIODE (ZONE 224)		(182) 80004 - 80944	01
HI001	CM3589-10	CIRCUIT BREAKER (ZONE 224)		(182) 80004 - 80944	01
	S2122-1	. NUT			01
HI002	CM3589-5	CIRCUIT BREAKER (ZONE 224)		(182) 80004 - 80944	01
	S2122-1	. NUT			01
HI003	S1360-5L	CIRCUIT BREAKER (ZONE 224)		(182) 80004 - 80944	01
HI004	CM3589-5	CIRCUIT BREAKER - BEACON LIGHT (ZONE 224)		(182) 80004 - 80944	01
	S2122-1	. NUT			01
HI005	CM3589-5	CIRCUIT BREAKER - STROBE LIGHTS (ZONE 224)		(182) 80004 - 80944	01
HI006	CM3589-10	CIRCUIT BREAKER (ZONE 224)		(182) 80004 - 80944	01
HI007	S1360-10L	CIRCUIT BREAKER (ZONE 224)		(182) 80004 - 80944	01
HI008	S1360-5L	CIRCUIT BREAKER (ZONE 224)		(182) 80004 - 80944	01
HI009	S1360-5L	CIRCUIT BREAKER (ZONE 224)		(182) 80004 - 80944	01
HI010	S1360-5L	CIRCUIT BREAKER (ZONE 224)		(182) 80004 - 80944	01
HI012	CM3589-5	CIRCUIT BREAKER (ZONE 224)		(182) 80004 - 80944	01
HI013	CM3589-10	CIRCUIT BREAKER (ZONE 224)		(182) 80004 - 80944	01
HI022	S1360-5L	CIRCUIT BREAKER (ZONE 224)		(182) 80004 - 80944	01
HI023	S1360-15L	CIRCUIT BREAKER (ZONE 224)		(182) 80004 - 80944	01
HI024	S1360-15L	CIRCUIT BREAKER (ZONE 224)		(182) 80004 - 80944	01
JC001	S2349-5	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(182) 80004 - 80944	01
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
JC007	S1641-9	CONNECTOR - ELECTRICAL/AVIONIC DISCONNECT (ZONE 224)		(182) 80004 - 80944	01
	S1636-1	. CONTACT			AR
JC010	S1641-9	CONNECTOR - HOUSING-SOCKET (ZONE 224)		(182) 80004 - 80944	01
	S1636-1	. ELECTRICAL SOCKET			AR
	S1636-2	. SOCKET			AR
JC012	S2035-2	CONNECTOR (ZONE 224)	V00779	(182) 80004 - 80944	01
	S1636-2	. CONTACT			AR
PC001	S2350-10	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(182) 80004 - 80944	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PC007	S1640-9	CONNECTOR - ELECTRICAL/AVIONIC DISCONNECT (ZONE 610)		(182) 80004 - 80944	01
	S1635-1	. CONTACT	V49367		AR
PC010	S1640-9	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(182) 80004 - 80944	01
	S1635-1	. CONTACT	V49367		AR
	S1635-2	. CONTACT			AR
PC012	S2035-1	CONNECTOR		(182) 80004 - 80944	01
	S1635-2	. CONTACT			AR
SI001	S3377-1-1	SWITCH - AVIONICS MASTER (ZONE 224)		(182) 80004 - 80944	01
	S1843-1	. MOUNTING BEZEL			01
SI009		SWITCH - MASTER			RF

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Figure 02 : Sheet 01 : CIRCUIT BREAKER PANEL



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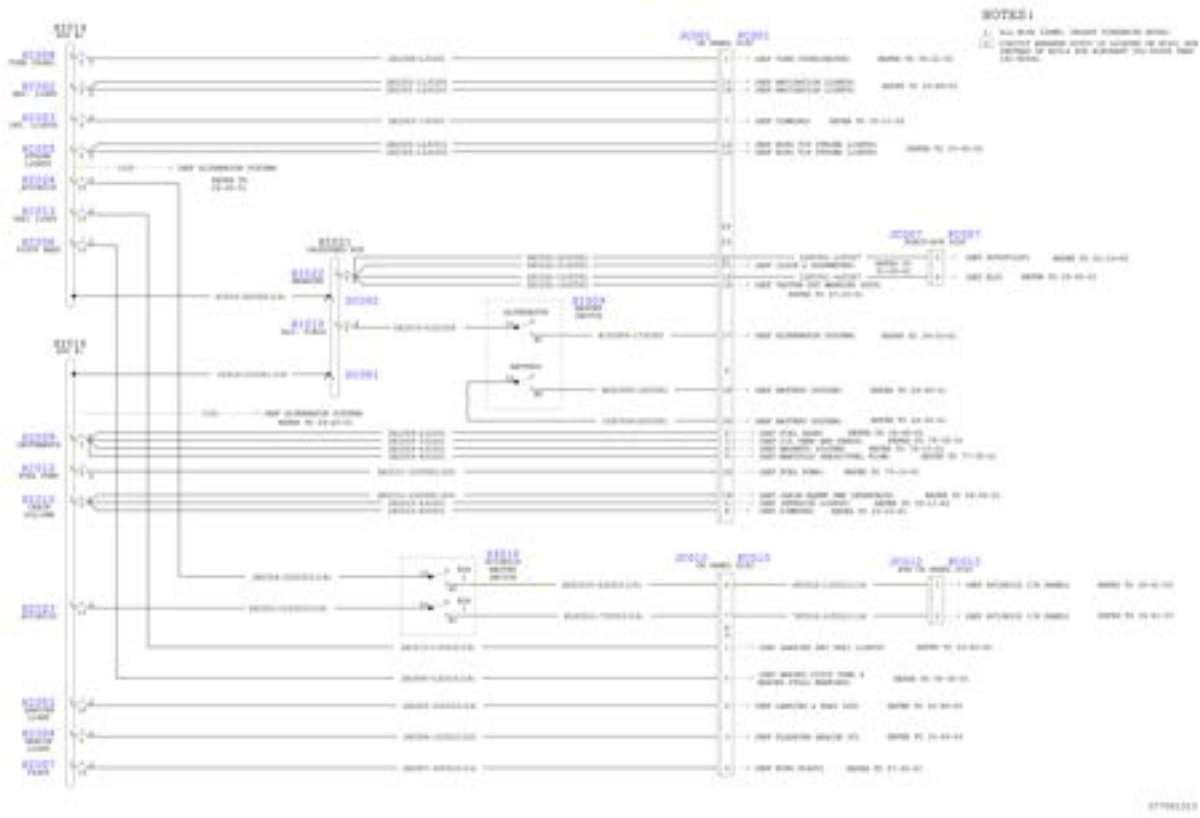
CIRCUIT BREAKER PANEL

AIRPLANES (182) 80945 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
DI001	1N6391	DIODE (ZONE 224)		(182) 80945 & ON	01
DI002	1N6391	DIODE (ZONE 224)		(182) 80945 & ON	01
HI001	CM3589-10	CIRCUIT BREAKER (ZONE 224)		(182) 80945 & ON	01
	S2122-1	. NUT			01
HI002	CM3589-5	CIRCUIT BREAKER (ZONE 224)		(182) 80945 & ON	01
	S2122-1	. NUT			01
HI003	S1360-5L	CIRCUIT BREAKER (ZONE 224)		(182) 80945 & ON	01
HI004	CM3589-5	CIRCUIT BREAKER - BEACON LIGHT (ZONE 224)		(182) 80945 & ON	01
	S2122-1	. NUT			01
HI005	CM3589-5	CIRCUIT BREAKER - STROBE LIGHTS (ZONE 224)		(182) 80945 & ON	01
HI006	CM3589-10	CIRCUIT BREAKER (ZONE 224)		(182) 80945 & ON	01
HI007	S1360-10L	CIRCUIT BREAKER (ZONE 224)		(182) 80945 & ON	01
HI008	S1360-5L	CIRCUIT BREAKER (ZONE 224)		(182) 80945 & ON	01
HI009	S1360-5L	CIRCUIT BREAKER (ZONE 224)		(182) 80945 & ON	01
HI010	S1360-5L	CIRCUIT BREAKER (ZONE 224)		(182) 80945 & ON	01
HI012	CM3589-5	CIRCUIT BREAKER (ZONE 224)		(182) 80945 & ON	01
HI013	CM3589-10	CIRCUIT BREAKER (ZONE 224)		(182) 80945 & ON	01
HI015	S1360-5L	CIRCUIT BREAKER (ZONE 224)		(182) 80945 & ON	01
HI022	S1360-5L	CIRCUIT BREAKER (ZONE 224)		(182) 80945 & ON	01
HI023	S1360-15L	CIRCUIT BREAKER (ZONE 224)		(182) 80945 & ON	01
HI024	S1360-15L	CIRCUIT BREAKER (ZONE 224)		(182) 80945 & ON	01
JC001	S2349-5	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(182) 80945 & ON	01
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
JC007	S1641-9	CONNECTOR - ELECTRICAL/AVIONIC DISCONNECT (ZONE 224)		(182) 80945 & ON	01
	S1636-1	. CONTACT			AR
JC010	S1641-9	CONNECTOR - HOUSING-SOCKET (ZONE 224)		(182) 80945 & ON	01
	S1636-1	. ELECTRICAL SOCKET			AR
	S1636-2	. SOCKET			AR
JC012	S2035-2	CONNECTOR (ZONE 224)	V00779	(182) 80945 & ON	01
	S1636-2	. CONTACT			AR
PC001	S2350-10	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(182) 80945 & ON	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PC007	S1640-9	CONNECTOR - ELECTRICAL/AVIONIC DISCONNECT (ZONE 610)		(182) 80945 & ON	01
	S1635-1	. CONTACT	V49367		AR
PC010	S1640-9	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(182) 80945 & ON	01
	S1635-1	. CONTACT	V49367		AR
	S1635-2	. CONTACT			AR
PC012	S2035-1	CONNECTOR		(182) 80945 & ON	01
	S1635-2	. CONTACT			AR
SI009		SWITCH - MASTER			RF
SI010		SWITCH - AVIONICS MASTER			RF

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Figure 03 : Sheet 01 : CIRCUIT BREAKER PANEL



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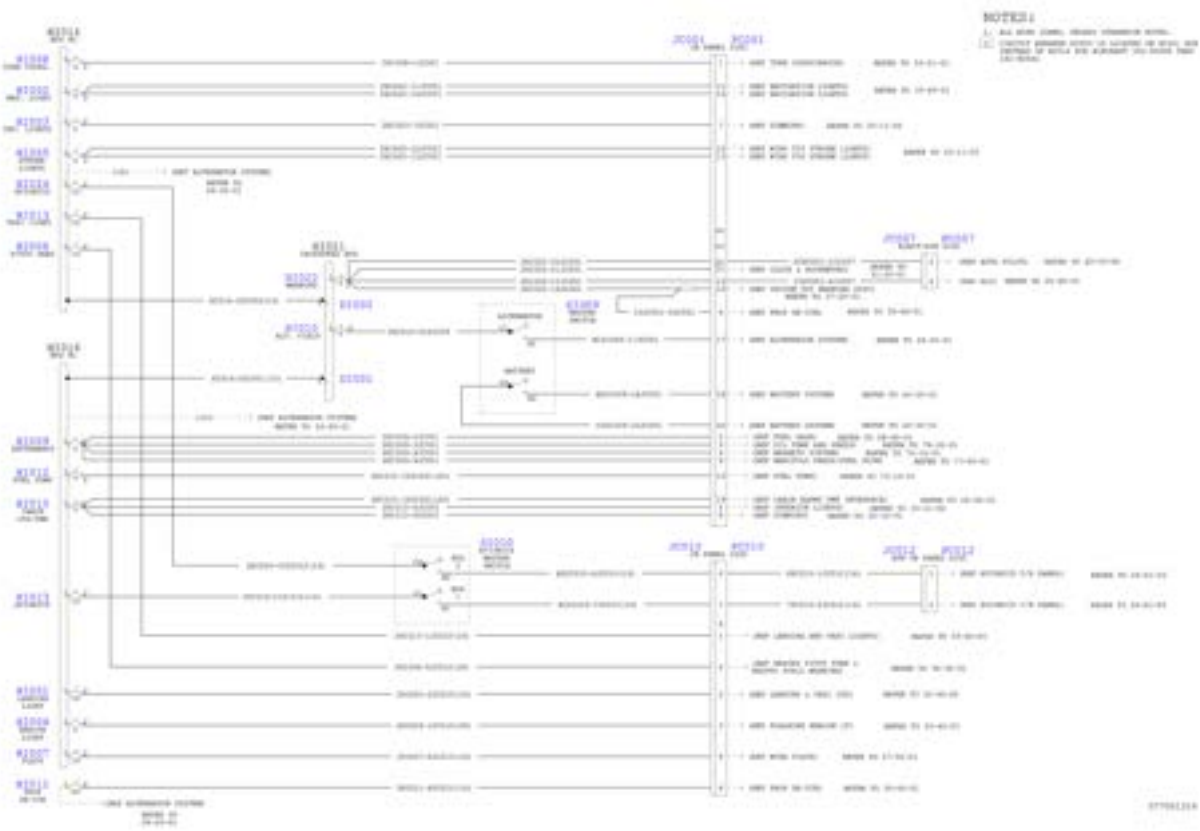
CIRCUIT BREAKER PANEL

AIRPLANES (182) 00001 & ON WITHOUT NAV III OPTION AND AIRPLANES (T182) 08001 & ON WITHOUT NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
DI001	1N6391	DIODE (ZONE 224)		(182) 00001 & ON (T182) 08001 & ON	01
DI002	1N6391	DIODE (ZONE 224)		(182) 00001 & ON (T182) 08001 & ON	01
HI001	CM3589-10	CIRCUIT BREAKER (ZONE 224)		(182) 00001 & ON (T182) 08001 & ON	01
	S2122-1	. NUT			01
HI002	CM3589-5	CIRCUIT BREAKER (ZONE 224)		(182) 00001 & ON (T182) 08001 & ON	01
	S2122-1	. NUT			01
HI003	S1360-5L	CIRCUIT BREAKER (ZONE 224)		(182) 00001 & ON (T182) 08001 & ON	01
HI004	CM3589-5	CIRCUIT BREAKER - BEACON LIGHT (ZONE 224)		(182) 00001 & ON (T182) 08001 & ON	01
	S2122-1	. NUT			01
HI005	CM3589-5	CIRCUIT BREAKER - STROBE LIGHTS (ZONE 224)		(182) 00001 & ON (T182) 08001 & ON	01
HI006	CM3589-10	CIRCUIT BREAKER (ZONE 224)		(182) 00001 & ON (T182) 08001 & ON	01
HI007	S1360-10L	CIRCUIT BREAKER (ZONE 224)		(182) 00001 & ON (T182) 08001 & ON	01
HI008	S1360-5L	CIRCUIT BREAKER (ZONE 224)		(182) 00001 & ON (T182) 08001 & ON	01
HI009	S1360-5L	CIRCUIT BREAKER (ZONE 224)		(182) 00001 & ON (T182) 08001 & ON	01
HI010	S1360-5L	CIRCUIT BREAKER (ZONE 224)		(182) 00001 & ON (T182) 08001 & ON	01
HI011	CM3589-20	CIRCUIT BREAKER (ZONE 224)		(182) 00001 & ON (T182) 08001 & ON	01
HI012	CM3589-5	CIRCUIT BREAKER (ZONE 224)		(182) 00001 & ON (T182) 08001 & ON	01
HI013	CM3589-10	CIRCUIT BREAKER (ZONE 224)		(182) 00001 & ON (T182) 08001 & ON	01
HI015	S1360-5L	CIRCUIT BREAKER (ZONE 224)		(182) 00001 & ON (T182) 08001 & ON	01
HI022	S1360-5L	CIRCUIT BREAKER (ZONE 224)		(182) 00001 & ON (T182) 08001 & ON	01
HI023	S1360-15L	CIRCUIT BREAKER (ZONE 224)		(182) 00001 & ON (T182) 08001 & ON	01
HI024	S1360-15L	CIRCUIT BREAKER (ZONE 224)		(182) 00001 & ON (T182) 08001 & ON	01
JC001	S2349-5	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(182) 00001 & ON (T182) 08001 & ON	01
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
JC007	S1641-9	CONNECTOR - ELECTRICAL/AVIONIC DISCONNECT (ZONE 224)		(182) 00001 & ON (T182) 08001 & ON	01
	S1636-1	. CONTACT			AR
JC010	S1641-9	CONNECTOR - HOUSING-SOCKET (ZONE 224)		(182) 00001 & ON (T182) 08001 & ON	01
	S1636-1	. ELECTRICAL SOCKET			AR
	S1636-2	. SOCKET			AR
JC012	S2035-2	CONNECTOR (ZONE 224)	V00779	(182) 00001 & ON (T182) 08001 & ON	01
	S1636-2	. CONTACT			AR
PC001	S2350-10	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(182) 00001 & ON (T182) 08001 & ON	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PC007	S1640-9	CONNECTOR - ELECTRICAL/AVIONIC DISCONNECT (ZONE 610)		(182) 00001 & ON (T182) 08001 & ON	01
	S1635-1	. CONTACT	V49367		AR
PC010	S1640-9	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(182) 00001 & ON (T182) 08001 & ON	01
	S1635-1	. CONTACT	V49367		AR
	S1635-2	. CONTACT			AR
PC012	S2035-1	CONNECTOR		(182) 00001 & ON (T182) 08001 & ON	01
	S1635-2	. CONTACT			AR
SI009		SWITCH - MASTER			RF
SI010		SWITCH - AVIONICS MASTER			RF

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Figure 04 : Sheet 01 : CIRCUIT BREAKER PANEL



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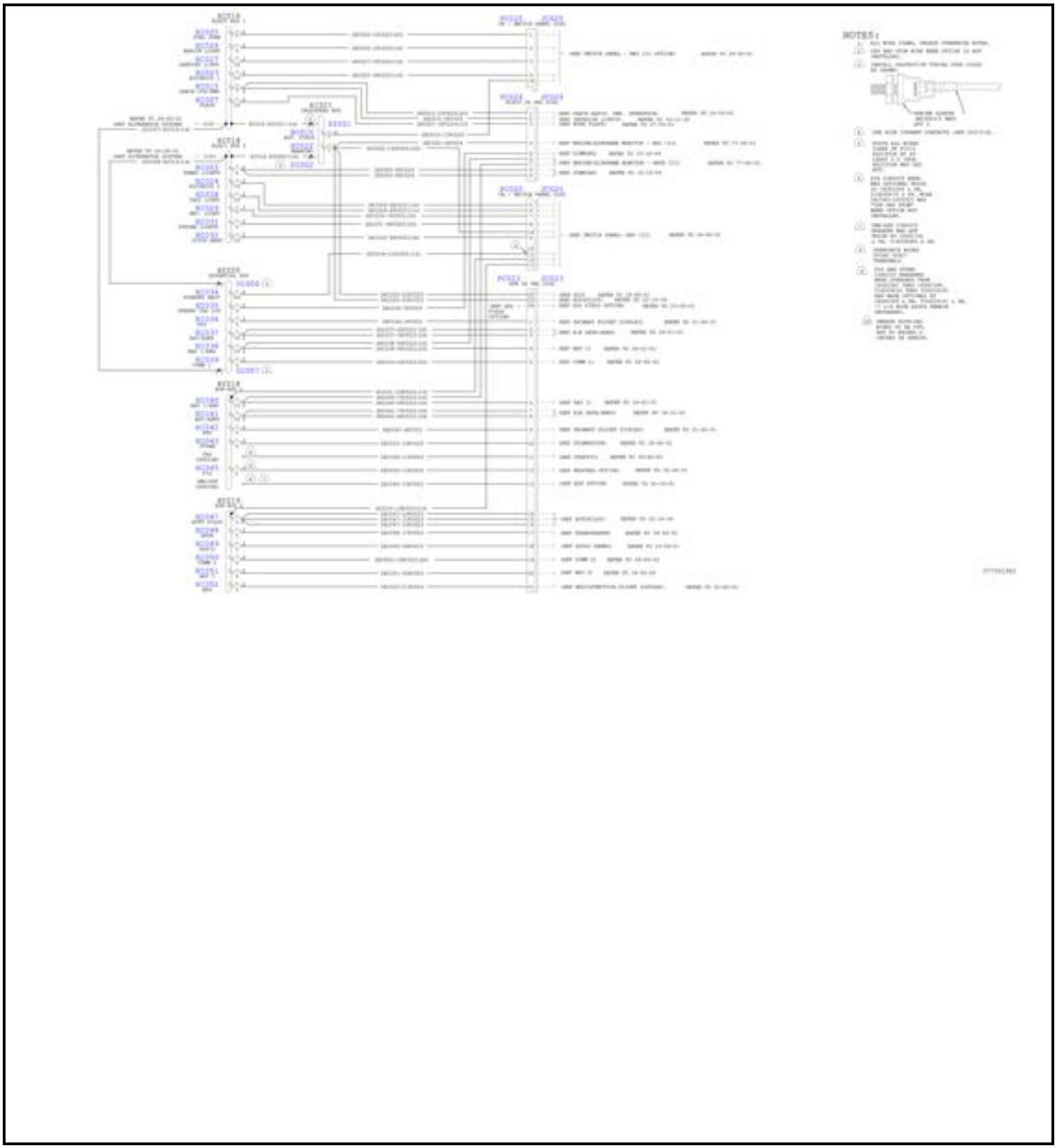
CIRCUIT BREAKER PANEL W/NAVIII

AIRPLANES (182) 81318 THRU 82280

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
DI001	1N6391	DIODE (ZONE 224)		(182) 81318 - 82280	01
DI002	1N6391	DIODE (ZONE 224)		(182) 81318 - 82280	01
DI006	1N6391	DIODE		(182) 81318 - 82280	01
DI007	1N6391	DIODE		(182) 81318 - 82280	01
HI003	S1360-5L	CIRCUIT BREAKER (ZONE 224)		(182) 81318 - 82280	01
HI007	S1360-10L	CIRCUIT BREAKER (ZONE 224)		(182) 81318 - 82280	01
HI010	S1360-5L	CIRCUIT BREAKER (ZONE 224)		(182) 81318 - 82280	01
HI015	S1360-5L	CIRCUIT BREAKER (ZONE 224)		(182) 81318 - 82280	01
HI022	S1360-5L	CIRCUIT BREAKER (ZONE 224)		(182) 81318 - 82280	01
HI023	S1360-15L	CIRCUIT BREAKER (ZONE 224)		(182) 81318 - 82280	01
HI024	S1360-15L	CIRCUIT BREAKER (ZONE 224)		(182) 81318 - 82280	01
HI025	S1360-5L	CIRCUIT BREAKER		(182) 81318 - 82280	01
HI026	S1360-5L	CIRCUIT BREAKER		(182) 81318 - 82280	01
HI027	S1360-10L	CIRCUIT BREAKER		(182) 81318 - 82280	01
HI028	S1360-10L	CIRCUIT BREAKER		(182) 81318 - 82280	01
HI029	S1360-5L	CIRCUIT BREAKER		(182) 81318 - 82280	01
HI031	S1360-5L	CIRCUIT BREAKER		(182) 81318 - 82280	01
HI032	S1360-10L	CIRCUIT BREAKER		(182) 81318 - 82280	01
HI034	S2899L20.0	CIRCUIT BREAKER		(182) 81318 - 82280	01
HI035	S2899L5.0	CIRCUIT BREAKER	V82647	(182) 81318 - 82280	01
HI036	S2899L5.0	CIRCUIT BREAKER	V82647	(182) 81318 - 82280	01
HI037	S2899L10.0	CIRCUIT BREAKER	V82647	(182) 81318 - 82280	01
HI038	S2899L15.0	CIRCUIT BREAKER	V82647	(182) 81318 - 82280	01
HI039	S2899L5.0	CIRCUIT BREAKER	V82647	(182) 81318 - 82280	01
HI040	S2899L15.0	CIRCUIT BREAKER	V82647	(182) 81318 - 82280	01
HI041	S2899L10.0	CIRCUIT BREAKER	V82647	(182) 81318 - 82280	01
HI042	S2899L5.0	CIRCUIT BREAKER	V82647	(182) 81318 - 82280	01
HI043	S2899L5.0	CIRCUIT BREAKER	V82647	(182) 81318 - 82280	01
HI045	S2899L5.0	CIRCUIT BREAKER	V82647	(182) 81318 - 82280	01
HI047	S2899L5.0	CIRCUIT BREAKER	V82647	(182) 81318 - 82280	01
HI048	S2899L5.0	CIRCUIT BREAKER	V82647	(182) 81318 - 82280	01
HI049	S2899L5.0	CIRCUIT BREAKER	V82647	(182) 81318 - 82280	01
HI050	S2899L5.0	CIRCUIT BREAKER	V82647	(182) 81318 - 82280	01
HI051	S2899L5.0	CIRCUIT BREAKER	V82647	(182) 81318 - 82280	01
HI052	S2899L5.0	CIRCUIT BREAKER	V82647	(182) 81318 - 82280	01
JC023	S2350-10	RECEPTACLE		(182) 81318 - 82280	01
	S2353-4	. CONTACT			AR
	S2353-5	. PIN			AR
	S2353-7	. PIN			AR
JC024	S2350-4	RECEPTACLE (ZONE 220)	V00779	(182) 81318 & ON (T182) 08232 & ON	01
	S2353-4	. CONTACT			01
	S2353-5	. PIN			01
JC025	S2350-3	CONNECTOR		(182) 81318 - 82280	01
	S2353-4	. CONTACT			01
	S2353-5	. CONTACT			06
	S2353-6	. CONTACT			05
	S3373-1	. CONTACT			01
PC023	S2349-5	CONNECTOR		(182) 81318 - 82280	01
	S2099-3	. CONTACT			06
	S2099-4	. CONTACT	V00779		17
PC024	S2349-3	PLUG (ZONE 220)		(182) 81318 & ON (T182) 08232 & ON	01
	S2099-3	. CONTACT			01
	S2099-4	. CONTACT	V00779		01
PC025	S2349-1	CONNECTOR	V00779	(182) 81318 - 82280	01
	S2099-13	. CONTACT			06
	S2099-3	. CONTACT			02
	S2099-4	. CONTACT	V00779		05
	S3373-2	. CONTACT			02

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Figure 05 : Sheet 01 : CIRCUIT BREAKER PANEL W/NAVIII



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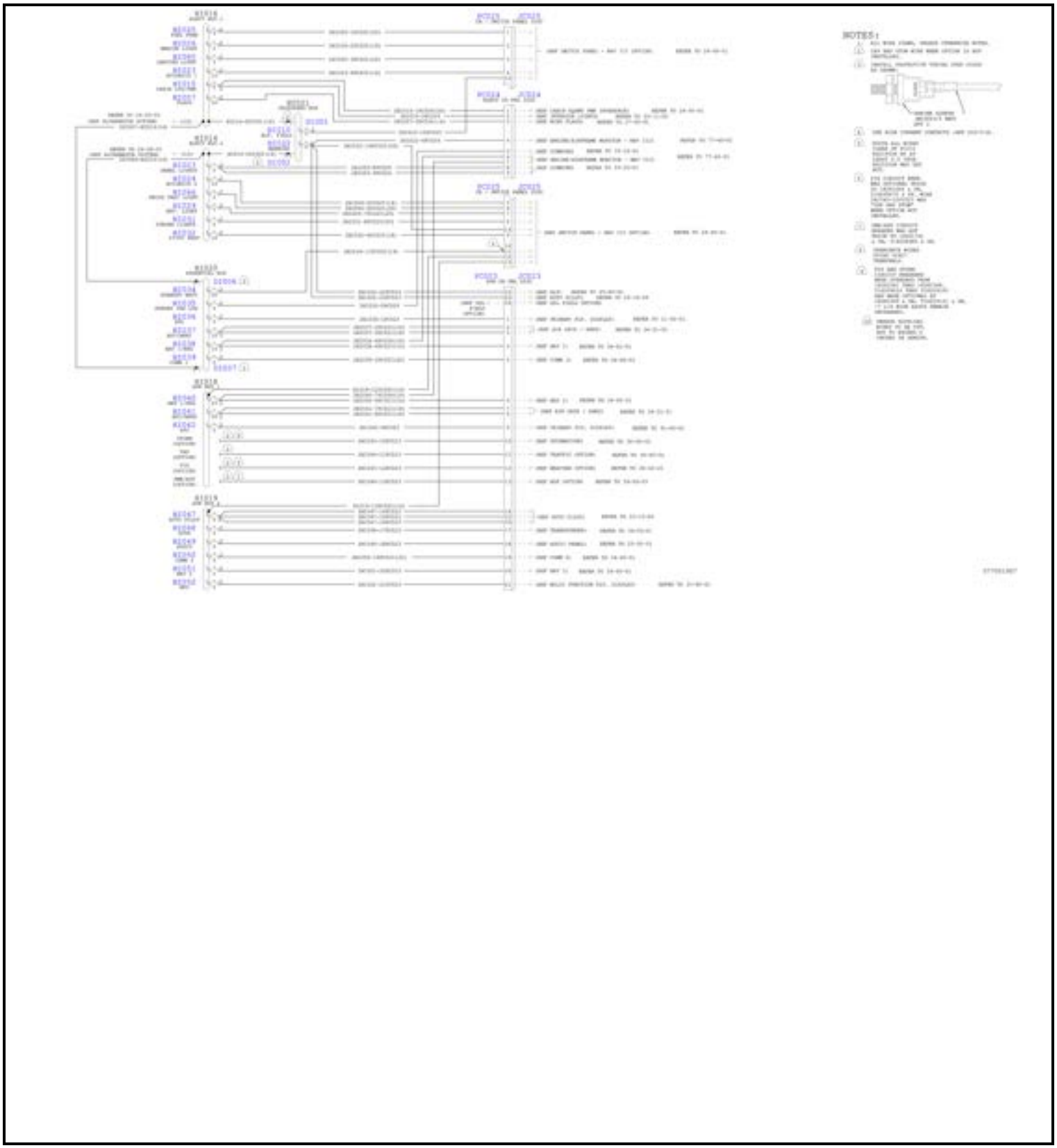
CIRCUIT BREAKER PANEL W/NAVIII

AIRPLANES (182) 82281 THRU 82469

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
DI001	1N6391	DIODE (ZONE 224)		(182) 82281 - 82469	01
DI002	1N6391	DIODE (ZONE 224)		(182) 82281 - 82469	01
DI006	1N6391	DIODE		(182) 82281 - 82469	01
DI007	1N6391	DIODE		(182) 82281 - 82469	01
HI003	S1360-5L	CIRCUIT BREAKER (ZONE 224)		(182) 82281 - 82469	01
HI007	S1360-10L	CIRCUIT BREAKER (ZONE 224)		(182) 82281 - 82469	01
HI010	S1360-5L	CIRCUIT BREAKER (ZONE 224)		(182) 82281 - 82469	01
HI015	S1360-5L	CIRCUIT BREAKER (ZONE 224)		(182) 82281 - 82469	01
HI022	S1360-5L	CIRCUIT BREAKER (ZONE 224)		(182) 82281 - 82469	01
HI023	S1360-15L	CIRCUIT BREAKER (ZONE 224)		(182) 82281 - 82469	01
HI024	S1360-15L	CIRCUIT BREAKER (ZONE 224)		(182) 82281 - 82469	01
HI025	S1360-5L	CIRCUIT BREAKER		(182) 82281 - 82469	01
HI026	S1360-5L	CIRCUIT BREAKER		(182) 82281 - 82469	01
HI029	S1360-5L	CIRCUIT BREAKER		(182) 82281 - 82469	01
HI031	S1360-5L	CIRCUIT BREAKER		(182) 82281 - 82469	01
HI032	S1360-10L	CIRCUIT BREAKER		(182) 82281 - 82469	01
HI034	S2899L20.0	CIRCUIT BREAKER		(182) 82281 - 82469	01
HI035	S2899L5.0	CIRCUIT BREAKER	V82647	(182) 82281 - 82469	01
HI036	S2899L5.0	CIRCUIT BREAKER	V82647	(182) 82281 - 82469	01
HI037	S2899L10.0	CIRCUIT BREAKER	V82647	(182) 82281 - 82469	01
HI038	S2899L15.0	CIRCUIT BREAKER	V82647	(182) 82281 - 82469	01
HI039	S2899L5.0	CIRCUIT BREAKER	V82647	(182) 82281 - 82469	01
HI040	S2899L15.0	CIRCUIT BREAKER	V82647	(182) 82281 - 82469	01
HI041	S2899L10.0	CIRCUIT BREAKER	V82647	(182) 82281 - 82469	01
HI042	S2899L5.0	CIRCUIT BREAKER	V82647	(182) 82281 - 82469	01
HI047	S2899L5.0	CIRCUIT BREAKER	V82647	(182) 82281 - 82469	01
HI048	S2899L5.0	CIRCUIT BREAKER	V82647	(182) 82281 - 82469	01
HI049	S2899L5.0	CIRCUIT BREAKER	V82647	(182) 82281 - 82469	01
HI050	S2899L5.0	CIRCUIT BREAKER	V82647	(182) 82281 - 82469	01
HI051	S2899L5.0	CIRCUIT BREAKER	V82647	(182) 82281 - 82469	01
HI052	S2899L5.0	CIRCUIT BREAKER	V82647	(182) 82281 - 82469	01
HI065	S1360-5L	CIRCUIT BREAKER - LANDING LIGHT		(182) 82281 - 82469	01
HI066	S1360-5L	CIRCUIT BREAKER - RECOGNITION TAXI LIGHT		(182) 82281 - 82469	01
JC023	S2350-10	RECEPTACLE		(182) 82281 - 82469	01
	S2353-4	. CONTACT			AR
	S2353-5	. PIN			AR
	S2353-7	. PIN			AR
JC024	S2350-4	RECEPTACLE (ZONE 220)	V00779	(182) 81318 & ON (T182) 08232 & ON	01
	S2353-4	. CONTACT			01
	S2353-5	. PIN			01
JC025	S2350-3	CONNECTOR		(182) 82281 - 82469	01
	S2353-4	. CONTACT			01
	S2353-5	. CONTACT			06
	S2353-6	. CONTACT			05
	S3373-1	. CONTACT			01
PC023	S2349-5	CONNECTOR		(182) 82281 - 82469	01
	S2099-3	. CONTACT			06
	S2099-4	. CONTACT	V00779		17
PC024	S2349-3	PLUG (ZONE 220)		(182) 81318 & ON (T182) 08232 & ON	01
	S2099-3	. CONTACT			01
	S2099-4	. CONTACT	V00779		01
PC025	S2349-1	CONNECTOR	V00779	(182) 82281 - 82469	01
	S2099-13	. CONTACT			06
	S2099-3	. CONTACT			02
	S2099-4	. CONTACT	V00779		05
	S3373-2	. CONTACT			02

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Figure 06 : Sheet 01 : CIRCUIT BREAKER PANEL W/NAVIII



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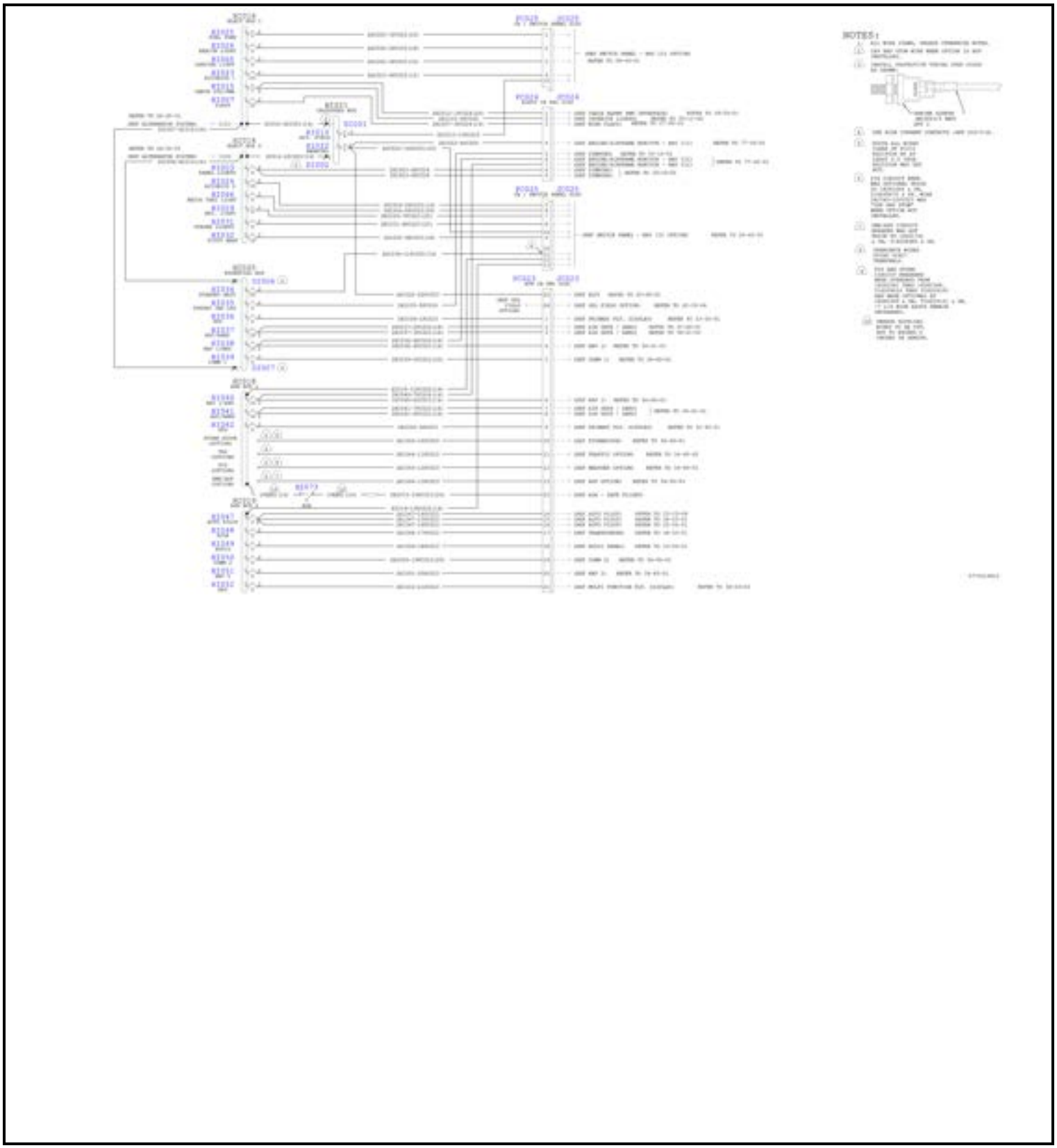
CIRCUIT BREAKER PANEL W/NAV III AND PROP DE-ICE

AIRPLANES (T182) 09024 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
DI001	1N6391	DIODE (ZONE 224)		(T182) 09024 & ON	01
DI002	1N6391	DIODE (ZONE 224)		(T182) 09024 & ON	01
DI006	1N6391	DIODE		(T182) 09024 & ON	01
DI007	1N6391	DIODE		(T182) 09024 & ON	01
HI003	S1360-5L	CIRCUIT BREAKER (ZONE 224)		(T182) 09024 & ON	01
HI007	S1360-10L	CIRCUIT BREAKER (ZONE 224)		(T182) 09024 & ON	01
HI010	S1360-5L	CIRCUIT BREAKER (ZONE 224)		(T182) 09024 & ON	01
HI015	S1360-5L	CIRCUIT BREAKER (ZONE 224)		(T182) 09024 & ON	01
HI022	S1360-5L	CIRCUIT BREAKER (ZONE 224)		(T182) 09024 & ON	01
HI023	S1360-15L	CIRCUIT BREAKER (ZONE 224)		(T182) 09024 & ON	01
HI024	S1360-15L	CIRCUIT BREAKER (ZONE 224)		(T182) 09024 & ON	01
HI025	S1360-5L	CIRCUIT BREAKER		(T182) 09024 & ON	01
HI026	S1360-5L	CIRCUIT BREAKER		(T182) 09024 & ON	01
HI029	S1360-5L	CIRCUIT BREAKER		(T182) 09024 & ON	01
HI031	S1360-5L	CIRCUIT BREAKER		(T182) 09024 & ON	01
HI032	S1360-10L	CIRCUIT BREAKER		(T182) 09024 & ON	01
HI034	S2899L20.0	CIRCUIT BREAKER		(T182) 09024 & ON	01
HI035	S2899L5.0	CIRCUIT BREAKER	V82647	(T182) 09024 & ON	01
HI036	S2899L5.0	CIRCUIT BREAKER	V82647	(T182) 09024 & ON	01
HI037	S2899L10.0	CIRCUIT BREAKER	V82647	(T182) 09024 & ON	01
HI038	S2899L15.0	CIRCUIT BREAKER	V82647	(T182) 09024 & ON	01
HI039	S2899L5.0	CIRCUIT BREAKER	V82647	(T182) 09024 & ON	01
HI040	S2899L15.0	CIRCUIT BREAKER	V82647	(T182) 09024 & ON	01
HI041	S2899L10.0	CIRCUIT BREAKER	V82647	(T182) 09024 & ON	01
HI042	S2899L5.0	CIRCUIT BREAKER	V82647	(T182) 09024 & ON	01
HI047	S2899L5.0	CIRCUIT BREAKER	V82647	(T182) 09024 & ON	01
HI048	S2899L5.0	CIRCUIT BREAKER	V82647	(T182) 09024 & ON	01
HI049	S2899L5.0	CIRCUIT BREAKER	V82647	(T182) 09024 & ON	01
HI050	S2899L5.0	CIRCUIT BREAKER	V82647	(T182) 09024 & ON	01
HI051	S2899L5.0	CIRCUIT BREAKER	V82647	(T182) 09024 & ON	01
HI052	S2899L5.0	CIRCUIT BREAKER	V82647	(T182) 09024 & ON	01
HI065	S1360-5L	CIRCUIT BREAKER - LANDING LIGHT		(T182) 09024 & ON	01
HI066	S1360-5L	CIRCUIT BREAKER - RECOGNITION TAXI LIGHT		(T182) 09024 & ON	01
HI073	ATM-5	FUSE	V71400	(T182) 09024 & ON	01
	HHL	. FUSEHOLDER W/COVER	V71400		01
JC023	S2350-10	RECEPTACLE		(T182) 09024 & ON	01
	S2353-4	. CONTACT			AR
	S2353-5	. PIN			AR
	S2353-7	. PIN			AR
JC024	S2350-4	RECEPTACLE (ZONE 220)	V00779	(182) 81318 & ON (T182) 08232 & ON	01
	S2353-4	. CONTACT			01
	S2353-5	. PIN			01
JC025	S2350-3	CONNECTOR		(T182) 09024 & ON	01
	S2353-4	. CONTACT			01
	S2353-5	. CONTACT			06
	S2353-6	. CONTACT			05
	S3373-1	. CONTACT			01
PC023	S2349-5	CONNECTOR		(T182) 09024 & ON	01
	S2099-3	. CONTACT			06
	S2099-4	. CONTACT	V00779		17
PC024	S2349-3	PLUG (ZONE 220)		(182) 81318 & ON (T182) 08232 & ON	01
	S2099-3	. CONTACT			01
	S2099-4	. CONTACT	V00779		01
PC025	S2349-1	CONNECTOR	V00779	(T182) 09024 & ON	01
	S2099-13	. CONTACT			06
	S2099-3	. CONTACT			02
	S2099-4	. CONTACT	V00779		05
	S3373-2	. CONTACT			02

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Figure 07 : Sheet 01 : CIRCUIT BREAKER PANEL W/NAV III AND PROP DE-ICE



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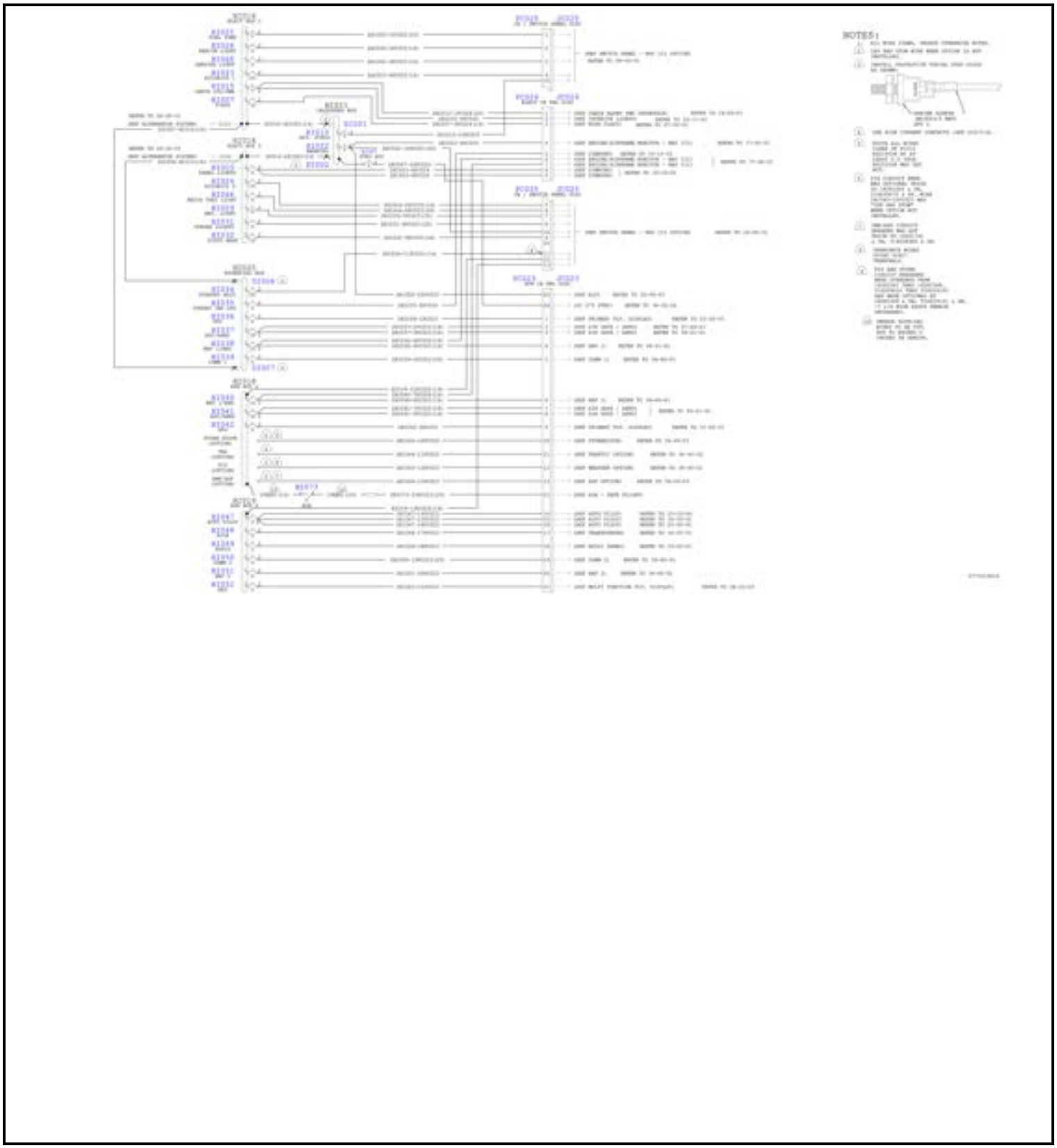
CIRCUIT BREAKER PANEL W/NAVIII

AIRPLANES (182) 83135 THRU 83250

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
DI001	1N6391	DIODE (ZONE 224)		(182) 83135 - 83250	01
DI002	1N6391	DIODE (ZONE 224)		(182) 83135 - 83250	01
DI006	1N6391	DIODE		(182) 83135 - 83250	01
DI007	1N6391	DIODE		(182) 83135 - 83250	01
HI003	S1360-5L	CIRCUIT BREAKER (ZONE 224)		(182) 83135 - 83250	01
HI007	S1360-10L	CIRCUIT BREAKER (ZONE 224)		(182) 83135 - 83250	01
HI010	S1360-5L	CIRCUIT BREAKER (ZONE 224)		(182) 83135 - 83250	01
HI015	S1360-5L	CIRCUIT BREAKER (ZONE 224)		(182) 83135 - 83250	01
HI022	S1360-5L	CIRCUIT BREAKER (ZONE 224)		(182) 83135 - 83250	01
HI023	S1360-15L	CIRCUIT BREAKER (ZONE 224)		(182) 83135 - 83250	01
HI024	S1360-15L	CIRCUIT BREAKER (ZONE 224)		(182) 83135 - 83250	01
HI025	S1360-5L	CIRCUIT BREAKER		(182) 83135 - 83250	01
HI026	S1360-5L	CIRCUIT BREAKER		(182) 83135 - 83250	01
HI029	S1360-5L	CIRCUIT BREAKER		(182) 83135 - 83250	01
HI031	S1360-5L	CIRCUIT BREAKER		(182) 83135 - 83250	01
HI032	S1360-10L	CIRCUIT BREAKER		(182) 83135 - 83250	01
HI034	S2899L20.0	CIRCUIT BREAKER		(182) 83135 - 83250	01
HI035	S2899L5.0	CIRCUIT BREAKER	V82647	(182) 83135 - 83250	01
HI036	S2899L5.0	CIRCUIT BREAKER	V82647	(182) 83135 - 83250	01
HI037	S2899L10.0	CIRCUIT BREAKER	V82647	(182) 83135 - 83250	01
HI038	S2899L15.0	CIRCUIT BREAKER	V82647	(182) 83135 - 83250	01
HI039	S2899L5.0	CIRCUIT BREAKER	V82647	(182) 83135 - 83250	01
HI040	S2899L15.0	CIRCUIT BREAKER	V82647	(182) 83135 - 83250	01
HI041	S2899L10.0	CIRCUIT BREAKER	V82647	(182) 83135 - 83250	01
HI042	S2899L5.0	CIRCUIT BREAKER	V82647	(182) 83135 - 83250	01
HI047	S2899L5.0	CIRCUIT BREAKER	V82647	(182) 83135 - 83250	01
HI048	S2899L5.0	CIRCUIT BREAKER	V82647	(182) 83135 - 83250	01
HI049	S2899L5.0	CIRCUIT BREAKER	V82647	(182) 83135 - 83250	01
HI050	S2899L5.0	CIRCUIT BREAKER	V82647	(182) 83135 - 83250	01
HI051	S2899L5.0	CIRCUIT BREAKER	V82647	(182) 83135 - 83250	01
HI052	S2899L5.0	CIRCUIT BREAKER	V82647	(182) 83135 - 83250	01
HI065	S1360-5L	CIRCUIT BREAKER - LANDING LIGHT		(182) 83135 - 83250	01
HI066	S1360-5L	CIRCUIT BREAKER - RECOGNITION TAXI LIGHT		(182) 83135 - 83250	01
HI067	S2899L5.0	CIRCUIT BREAKER	V82647	(182) 83135 - 83250	01
HI073	ATM-5	FUSE	V71400	(182) 83135 - 83250	01
	HHL	. FUSEHOLDER W/COVER	V71400		01
JC023	S2350-10	RECEPTACLE		(182) 83135 - 83250	01
	S2353-4	. CONTACT			AR
	S2353-5	. PIN			AR
	S2353-7	. PIN			AR
JC024	S2350-4	RECEPTACLE (ZONE 220)	V00779	(182) 81318 & ON (T182) 08232 & ON	01
	S2353-4	. CONTACT			01
	S2353-5	. PIN			01
JC025	S2350-3	CONNECTOR		(182) 83135 - 83250	01
	S2353-4	. CONTACT			01
	S2353-5	. CONTACT			06
	S2353-6	. CONTACT			05
	S3373-1	. CONTACT			01
PC023	S2349-5	CONNECTOR		(182) 83135 - 83250	01
	S2099-3	. CONTACT			06
	S2099-4	. CONTACT	V00779		17
PC024	S2349-3	PLUG (ZONE 220)		(182) 81318 & ON (T182) 08232 & ON	01
	S2099-3	. CONTACT			01
	S2099-4	. CONTACT	V00779		01
PC025	S2349-1	CONNECTOR	V00779	(182) 83135 - 83250	01
	S2099-13	. CONTACT			06
	S2099-3	. CONTACT			02
	S2099-4	. CONTACT	V00779		05
	S3373-2	. CONTACT			02

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Figure 08 : Sheet 01 : CIRCUIT BREAKER PANEL W/NAVIII



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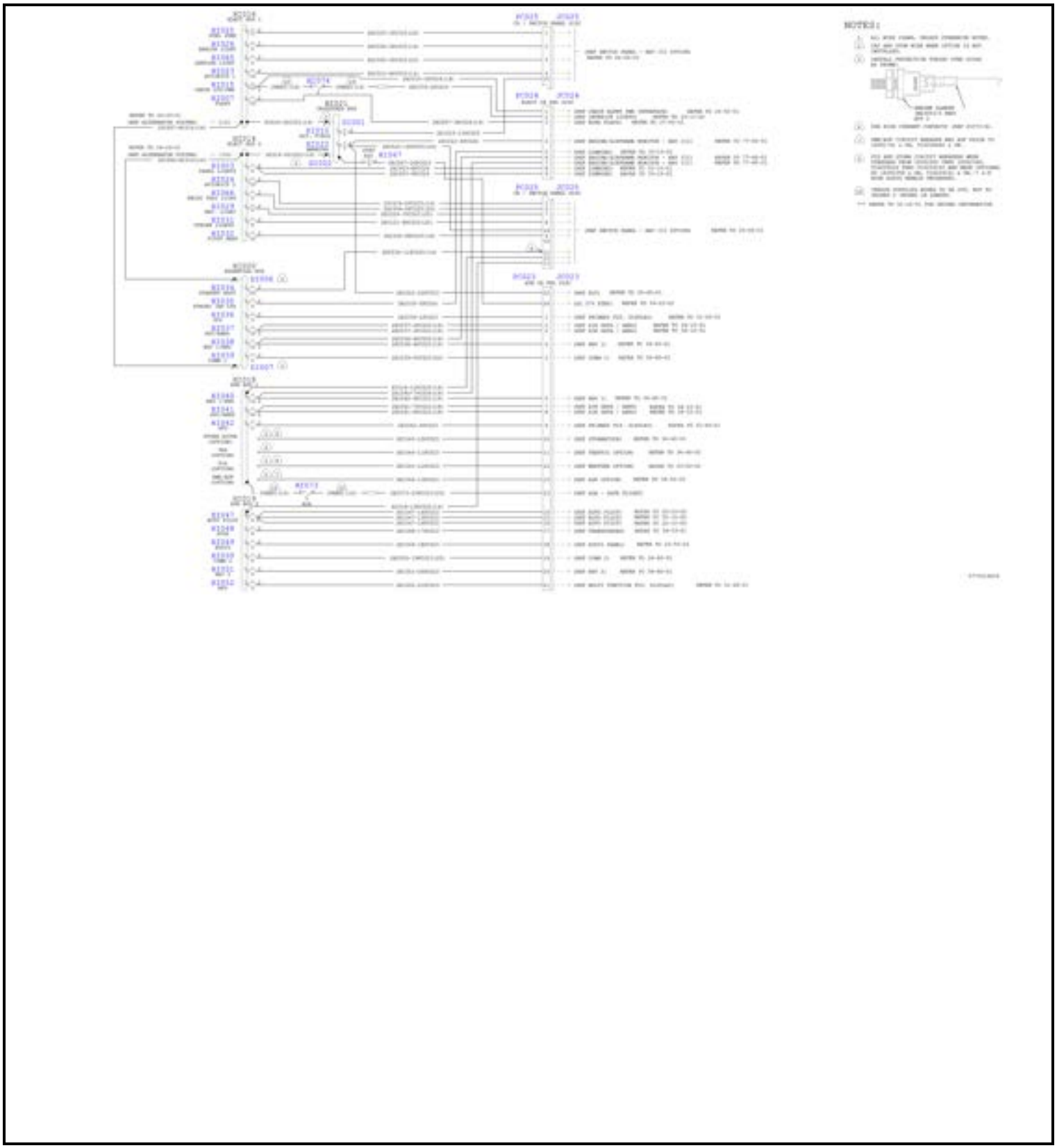
CIRCUIT BREAKER PANEL W/NAVIII

AIRPLANES (182) 83251 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
DI001	1N6391	DIODE (ZONE 224)		(182) 83251 & ON	01
DI002	1N6391	DIODE (ZONE 224)		(182) 83251 & ON	01
DI006	1N6391	DIODE		(182) 83251 & ON	01
DI007	1N6391	DIODE		(182) 83251 & ON	01
HI003	S1360-5L	CIRCUIT BREAKER (ZONE 224)		(182) 83251 & ON	01
HI007	S1360-10L	CIRCUIT BREAKER (ZONE 224)		(182) 83251 & ON	01
HI010	S1360-5L	CIRCUIT BREAKER (ZONE 224)		(182) 83251 & ON	01
HI015	S1360-10L	CIRCUIT BREAKER		(182) 83251 & ON	01
HI022	S1360-5L	CIRCUIT BREAKER (ZONE 224)		(182) 83251 & ON	01
HI023	S1360-15L	CIRCUIT BREAKER (ZONE 224)		(182) 83251 & ON	01
HI024	S1360-15L	CIRCUIT BREAKER (ZONE 224)		(182) 83251 & ON	01
HI025	S1360-5L	CIRCUIT BREAKER		(182) 83251 & ON	01
HI026	S1360-5L	CIRCUIT BREAKER		(182) 83251 & ON	01
HI029	S1360-5L	CIRCUIT BREAKER		(182) 83251 & ON	01
HI031	S1360-5L	CIRCUIT BREAKER		(182) 83251 & ON	01
HI032	S1360-10L	CIRCUIT BREAKER		(182) 83251 & ON	01
HI034	S2899L20.0	CIRCUIT BREAKER		(182) 83251 & ON	01
HI035	S2899L5.0	CIRCUIT BREAKER	V82647	(182) 83251 & ON	01
HI036	S2899L5.0	CIRCUIT BREAKER	V82647	(182) 83251 & ON	01
HI037	S2899L10.0	CIRCUIT BREAKER	V82647	(182) 83251 & ON	01
HI038	S2899L15.0	CIRCUIT BREAKER	V82647	(182) 83251 & ON	01
HI039	S2899L5.0	CIRCUIT BREAKER	V82647	(182) 83251 & ON	01
HI040	S2899L15.0	CIRCUIT BREAKER	V82647	(182) 83251 & ON	01
HI041	S2899L10.0	CIRCUIT BREAKER	V82647	(182) 83251 & ON	01
HI042	S2899L5.0	CIRCUIT BREAKER	V82647	(182) 83251 & ON	01
HI047	S2899L5.0	CIRCUIT BREAKER	V82647	(182) 83251 & ON	01
HI048	S2899L5.0	CIRCUIT BREAKER	V82647	(182) 83251 & ON	01
HI049	S2899L5.0	CIRCUIT BREAKER	V82647	(182) 83251 & ON	01
HI050	S2899L5.0	CIRCUIT BREAKER	V82647	(182) 83251 & ON	01
HI051	S2899L5.0	CIRCUIT BREAKER	V82647	(182) 83251 & ON	01
HI052	S2899L5.0	CIRCUIT BREAKER	V82647	(182) 83251 & ON	01
HI065	S1360-5L	CIRCUIT BREAKER - LANDING LIGHT		(182) 83251 & ON	01
HI066	S1360-5L	CIRCUIT BREAKER - RECOGNITION TAXI LIGHT		(182) 83251 & ON	01
HI067	S2899L5.0	CIRCUIT BREAKER	V82647	(182) 83251 & ON	01
HI073	ATM-5	FUSE	V71400	(182) 83251 & ON	01
	HHL	. FUSEHOLDER W/COVER	V71400		01
HI074	ATM-5	FUSE	V71400	(182) 83251 & ON	01
	HHL	. FUSEHOLDER W/COVER	V71400		01
JC023	S2350-10	RECEPTACLE		(182) 83251 & ON	01
	S2353-4	. CONTACT			AR
	S2353-5	. PIN			AR
	S2353-7	. PIN			AR
JC024	S2350-4	RECEPTACLE (ZONE 220)	V00779	(182) 81318 & ON (T182) 08232 & ON	01
	S2353-4	. CONTACT			01
	S2353-5	. PIN			01
JC025	S2350-3	CONNECTOR		(182) 83251 & ON	01
	S2353-4	. CONTACT			01
	S2353-5	. CONTACT			06
	S2353-6	. CONTACT			05
	S3373-1	. CONTACT			01
PC023	S2349-5	CONNECTOR		(182) 83251 & ON	01
	S2099-3	. CONTACT			06
	S2099-4	. CONTACT	V00779		17
PC024	S2349-3	PLUG (ZONE 220)		(182) 81318 & ON (T182) 08232 & ON	01
	S2099-3	. CONTACT			01
	S2099-4	. CONTACT	V00779		01
PC025	S2349-1	CONNECTOR	V00779	(182) 83251 & ON	01
	S2099-13	. CONTACT			06
	S2099-3	. CONTACT			02
	S2099-4	. CONTACT	V00779		05
	S3373-2	. CONTACT			02

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Figure 09 : Sheet 01 : CIRCUIT BREAKER PANEL W/NAVIII



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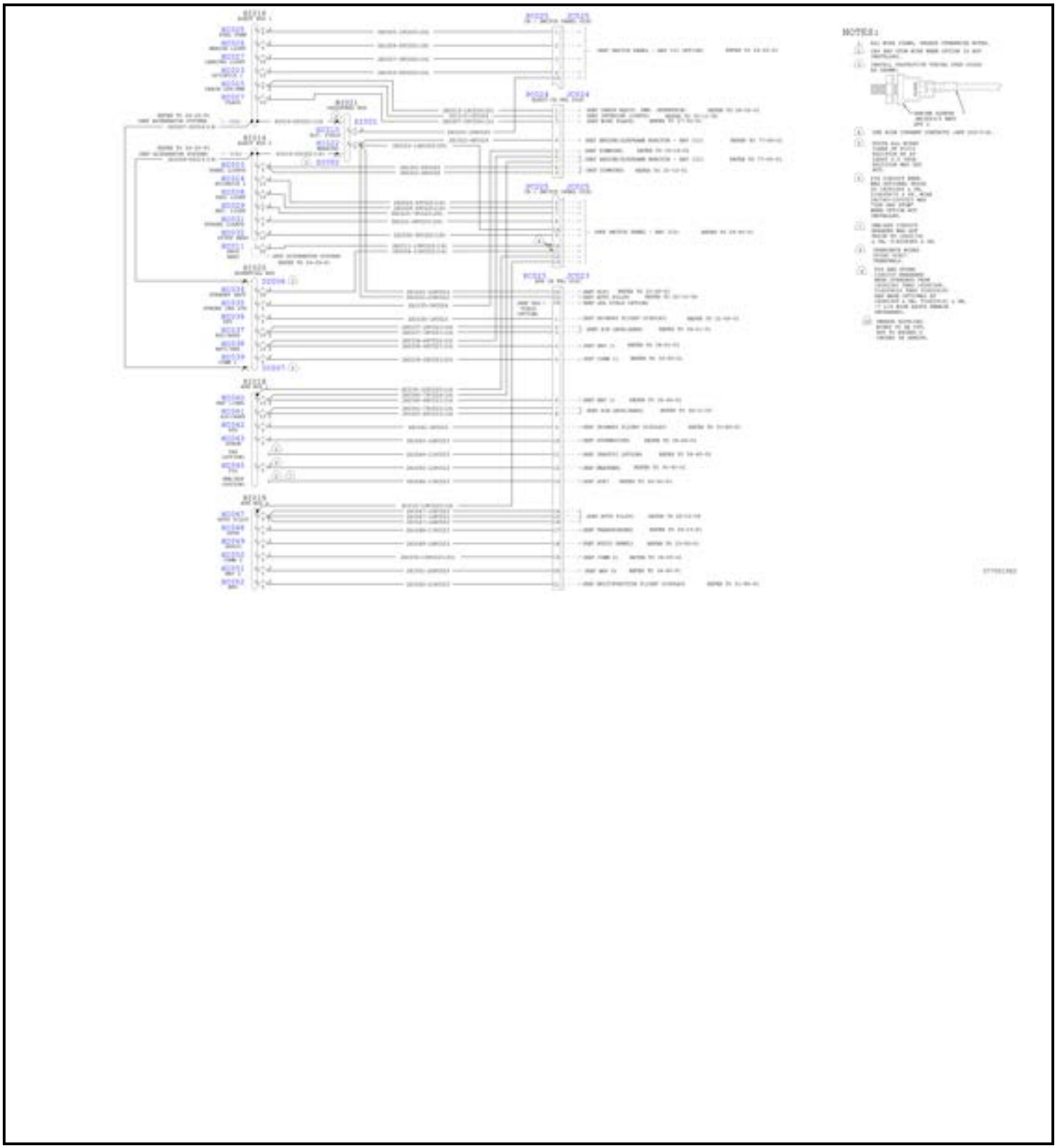
CIRCUIT BREAKER PANEL W/NAVIII AND PROP DE-ICE

AIRPLANES (T182) 08232 THRU 09023

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
DI001	1N6391	DIODE (ZONE 224)		(T182) 08232 - 09023	01
DI002	1N6391	DIODE (ZONE 224)		(T182) 08232 - 09023	01
DI006	1N6391	DIODE		(T182) 08232 - 09023	01
DI007	1N6391	DIODE		(T182) 08232 - 09023	01
HI003	S1360-5L	CIRCUIT BREAKER (ZONE 224)		(T182) 08232 - 09023	01
HI007	S1360-10L	CIRCUIT BREAKER (ZONE 224)		(T182) 08232 - 09023	01
HI010	S1360-5L	CIRCUIT BREAKER (ZONE 224)		(T182) 08232 - 09023	01
HI011	S1360-20L	CIRCUIT BREAKER (ZONE 224)		(T182) 08232 - 09023	01
HI015	S1360-5L	CIRCUIT BREAKER (ZONE 224)		(T182) 08232 - 09023	01
HI022	S1360-5L	CIRCUIT BREAKER (ZONE 224)		(T182) 08232 - 09023	01
HI023	S1360-15L	CIRCUIT BREAKER (ZONE 224)		(T182) 08232 - 09023	01
HI024	S1360-15L	CIRCUIT BREAKER (ZONE 224)		(T182) 08232 - 09023	01
HI025	S1360-5L	CIRCUIT BREAKER		(T182) 08232 - 09023	01
HI026	S1360-5L	CIRCUIT BREAKER		(T182) 08232 - 09023	01
HI027	S1360-10L	CIRCUIT BREAKER		(T182) 08232 - 09023	01
HI028	S1360-10L	CIRCUIT BREAKER		(T182) 08232 - 09023	01
HI029	S1360-5L	CIRCUIT BREAKER		(T182) 08232 - 09023	01
HI031	S1360-5L	CIRCUIT BREAKER		(T182) 08232 - 09023	01
HI032	S1360-10L	CIRCUIT BREAKER		(T182) 08232 - 09023	01
HI034	S2899L20.0	CIRCUIT BREAKER		(T182) 08232 - 09023	01
HI035	S2899L5.0	CIRCUIT BREAKER	V82647	(T182) 08232 - 09023	01
HI036	S2899L5.0	CIRCUIT BREAKER	V82647	(T182) 08232 - 09023	01
HI037	S2899L10.0	CIRCUIT BREAKER	V82647	(T182) 08232 - 09023	01
HI038	S2899L15.0	CIRCUIT BREAKER	V82647	(T182) 08232 - 09023	01
HI039	S2899L5.0	CIRCUIT BREAKER	V82647	(T182) 08232 - 09023	01
HI040	S2899L15.0	CIRCUIT BREAKER	V82647	(T182) 08232 - 09023	01
HI041	S2899L10.0	CIRCUIT BREAKER	V82647	(T182) 08232 - 09023	01
HI042	S2899L5.0	CIRCUIT BREAKER	V82647	(T182) 08232 - 09023	01
HI043	S2899L5.0	CIRCUIT BREAKER	V82647	(T182) 08232 - 09023	01
HI045	S2899L5.0	CIRCUIT BREAKER	V82647	(T182) 08232 - 09023	01
HI047	S2899L5.0	CIRCUIT BREAKER	V82647	(T182) 08232 - 09023	01
HI048	S2899L5.0	CIRCUIT BREAKER	V82647	(T182) 08232 - 09023	01
HI049	S2899L5.0	CIRCUIT BREAKER	V82647	(T182) 08232 - 09023	01
HI050	S2899L5.0	CIRCUIT BREAKER	V82647	(T182) 08232 - 09023	01
HI051	S2899L5.0	CIRCUIT BREAKER	V82647	(T182) 08232 - 09023	01
HI052	S2899L5.0	CIRCUIT BREAKER	V82647	(T182) 08232 - 09023	01
JC023	S2350-10	RECEPTACLE		(T182) 08232 - 09023	01
	S2353-4	. CONTACT			AR
	S2353-5	. PIN			AR
	S2353-7	. PIN			AR
JC024	S2350-4	RECEPTACLE (ZONE 220)	V00779	(182) 81318 & ON (T182) 08232 & ON	01
	S2353-4	. CONTACT			01
	S2353-5	. PIN			01
JC025	S2350-3	CONNECTOR		(T182) 08232 - 09023	01
	S2353-4	. CONTACT			01
	S2353-5	. CONTACT			06
	S2353-6	. CONTACT			05
	S3373-1	. CONTACT			01
PC023	S2349-5	CONNECTOR		(T182) 08232 - 09023	01
	S2099-3	. CONTACT			06
	S2099-4	. CONTACT	V00779		17
PC024	S2349-3	PLUG (ZONE 220)		(182) 81318 & ON (T182) 08232 & ON	01
	S2099-3	. CONTACT			01
	S2099-4	. CONTACT	V00779		01
PC025	S2349-1	CONNECTOR	V00779	(T182) 08232 - 09023	01
	S2099-13	. CONTACT			06
	S2099-3	. CONTACT			02
	S2099-4	. CONTACT	V00779		05
	S3373-2	. CONTACT			02

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Figure 10 : Sheet 01 : CIRCUIT BREAKER PANEL W/NAVIII AND PROP DE-ICE



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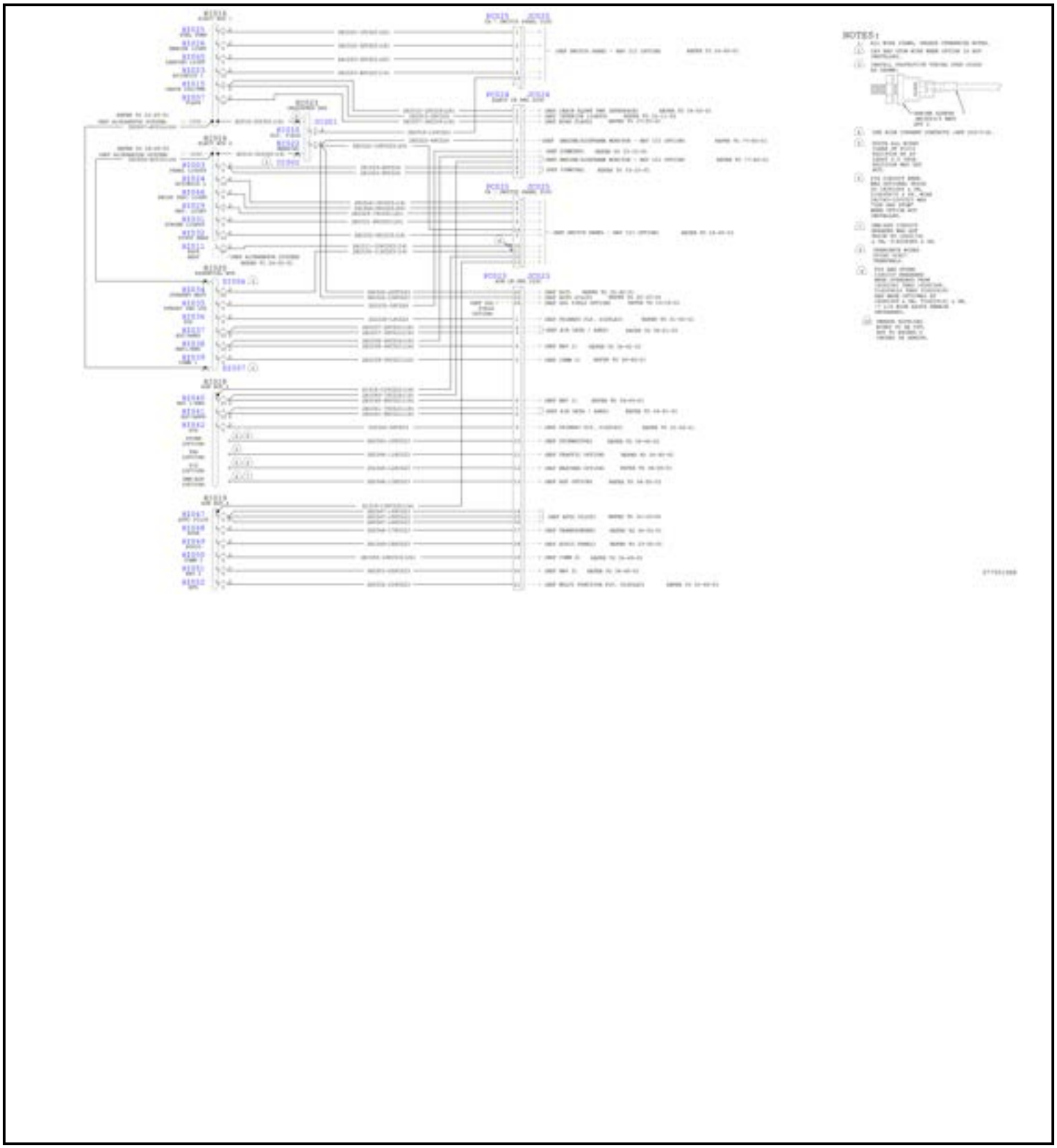
CIRCUIT BREAKER PANEL W/NAVIII AND PROP DE-ICE

AIRPLANES (T182) 09024 THRU 09100

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
DI001	1N6391	DIODE (ZONE 224)		(T182) 09024 - 09100	01
DI002	1N6391	DIODE (ZONE 224)		(T182) 09024 - 09100	01
DI006	1N6391	DIODE		(T182) 09024 - 09100	01
DI007	1N6391	DIODE		(T182) 09024 - 09100	01
HI003	S1360-5L	CIRCUIT BREAKER (ZONE 224)		(T182) 09024 - 09100	01
HI007	S1360-10L	CIRCUIT BREAKER (ZONE 224)		(T182) 09024 - 09100	01
HI010	S1360-5L	CIRCUIT BREAKER (ZONE 224)		(T182) 09024 - 09100	01
HI011	S1360-20L	CIRCUIT BREAKER (ZONE 224)		(T182) 09024 - 09100	01
HI015	S1360-5L	CIRCUIT BREAKER (ZONE 224)		(T182) 09024 - 09100	01
HI022	S1360-5L	CIRCUIT BREAKER (ZONE 224)		(T182) 09024 - 09100	01
HI023	S1360-15L	CIRCUIT BREAKER (ZONE 224)		(T182) 09024 - 09100	01
HI024	S1360-15L	CIRCUIT BREAKER (ZONE 224)		(T182) 09024 - 09100	01
HI025	S1360-5L	CIRCUIT BREAKER		(T182) 09024 - 09100	01
HI026	S1360-5L	CIRCUIT BREAKER		(T182) 09024 - 09100	01
HI029	S1360-5L	CIRCUIT BREAKER		(T182) 09024 - 09100	01
HI031	S1360-5L	CIRCUIT BREAKER		(T182) 09024 - 09100	01
HI032	S1360-10L	CIRCUIT BREAKER		(T182) 09024 - 09100	01
HI034	S2899L20.0	CIRCUIT BREAKER		(T182) 09024 - 09100	01
HI035	S2899L5.0	CIRCUIT BREAKER	V82647	(T182) 09024 - 09100	01
HI036	S2899L5.0	CIRCUIT BREAKER	V82647	(T182) 09024 - 09100	01
HI037	S2899L10.0	CIRCUIT BREAKER	V82647	(T182) 09024 - 09100	01
HI038	S2899L15.0	CIRCUIT BREAKER	V82647	(T182) 09024 - 09100	01
HI039	S2899L5.0	CIRCUIT BREAKER	V82647	(T182) 09024 - 09100	01
HI040	S2899L15.0	CIRCUIT BREAKER	V82647	(T182) 09024 - 09100	01
HI041	S2899L10.0	CIRCUIT BREAKER	V82647	(T182) 09024 - 09100	01
HI042	S2899L5.0	CIRCUIT BREAKER	V82647	(T182) 09024 - 09100	01
HI047	S2899L5.0	CIRCUIT BREAKER	V82647	(T182) 09024 - 09100	01
HI048	S2899L5.0	CIRCUIT BREAKER	V82647	(T182) 09024 - 09100	01
HI049	S2899L5.0	CIRCUIT BREAKER	V82647	(T182) 09024 - 09100	01
HI050	S2899L5.0	CIRCUIT BREAKER	V82647	(T182) 09024 - 09100	01
HI051	S2899L5.0	CIRCUIT BREAKER	V82647	(T182) 09024 - 09100	01
HI052	S2899L5.0	CIRCUIT BREAKER	V82647	(T182) 09024 - 09100	01
HI065	S1360-5L	CIRCUIT BREAKER - LANDING LIGHT		(T182) 09024 - 09100	01
HI066	S1360-5L	CIRCUIT BREAKER - RECOGNITION TAXI LIGHT		(T182) 09024 - 09100	01
JC023	S2350-10	RECEPTACLE		(T182) 09024 - 09100	01
	S2353-4	. CONTACT			AR
	S2353-5	. PIN			AR
	S2353-7	. PIN			AR
JC024	S2350-4	RECEPTACLE (ZONE 220)	V00779	(182) 81318 & ON (T182) 08232 & ON	01
	S2353-4	. CONTACT			01
	S2353-5	. PIN			01
JC025	S2350-3	CONNECTOR		(T182) 09024 - 09100	01
	S2353-4	. CONTACT			01
	S2353-5	. CONTACT			06
	S2353-6	. CONTACT			05
	S3373-1	. CONTACT			01
PC023	S2349-5	CONNECTOR		(T182) 09024 - 09100	01
	S2099-3	. CONTACT			06
	S2099-4	. CONTACT	V00779		17
PC024	S2349-3	PLUG (ZONE 220)		(182) 81318 & ON (T182) 08232 & ON	01
	S2099-3	. CONTACT			01
	S2099-4	. CONTACT	V00779		01
PC025	S2349-1	CONNECTOR	V00779	(T182) 09024 - 09100	01
	S2099-13	. CONTACT			06
	S2099-3	. CONTACT			02
	S2099-4	. CONTACT	V00779		05
	S3373-2	. CONTACT			02

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Figure 11 : Sheet 01 : CIRCUIT BREAKER PANEL W/NAVIII AND PROP DE-ICE



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CIRCUIT BREAKER PANEL W/NAVIII AND PROP DE-ICE

AIRPLANES (T182) 09101 THRU 09113 AND 09115 THRU 09135

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
DI001	1N6391	DIODE (ZONE 224)		(T182) 09101 - 09113 (T182) 09115 - 09135	01
DI002	1N6391	DIODE (ZONE 224)		(T182) 09101 - 09113 (T182) 09115 - 09135	01
DI006	1N6391	DIODE		(T182) 09101 - 09113 (T182) 09115 - 09135	01
DI007	1N6391	DIODE		(T182) 09101 - 09113 (T182) 09115 - 09135	01
HI003	S1360-5L	CIRCUIT BREAKER (ZONE 224)		(T182) 09101 - 09113 (T182) 09115 - 09135	01
HI007	S1360-10L	CIRCUIT BREAKER (ZONE 224)		(T182) 09101 - 09113 (T182) 09115 - 09135	01
HI010	S1360-5L	CIRCUIT BREAKER (ZONE 224)		(T182) 09101 - 09113 (T182) 09115 - 09135	01
HI011	S1360-20L	CIRCUIT BREAKER (ZONE 224)		(T182) 09101 - 09113 (T182) 09115 - 09135	01
HI015	S1360-5L	CIRCUIT BREAKER (ZONE 224)		(T182) 09101 - 09113 (T182) 09115 - 09135	01
HI022	S1360-5L	CIRCUIT BREAKER (ZONE 224)		(T182) 09101 - 09113 (T182) 09115 - 09135	01
HI023	S1360-15L	CIRCUIT BREAKER (ZONE 224)		(T182) 09101 - 09113 (T182) 09115 - 09135	01
HI024	S1360-15L	CIRCUIT BREAKER (ZONE 224)		(T182) 09101 - 09113 (T182) 09115 - 09135	01
HI025	S1360-5L	CIRCUIT BREAKER		(T182) 09101 - 09113 (T182) 09115 - 09135	01
HI026	S1360-5L	CIRCUIT BREAKER		(T182) 09101 - 09113 (T182) 09115 - 09135	01
HI029	S1360-5L	CIRCUIT BREAKER		(T182) 09101 - 09113 (T182) 09115 - 09135	01
HI031	S1360-5L	CIRCUIT BREAKER		(T182) 09101 - 09113 (T182) 09115 - 09135	01
HI032	S1360-10L	CIRCUIT BREAKER		(T182) 09101 - 09113 (T182) 09115 - 09135	01
HI034	S2899L20.0	CIRCUIT BREAKER		(T182) 09101 - 09113 (T182) 09115 - 09135	01
HI035	S2899L5.0	CIRCUIT BREAKER	V82647	(T182) 09101 - 09113 (T182) 09115 - 09135	01
HI036	S2899L5.0	CIRCUIT BREAKER	V82647	(T182) 09101 - 09113 (T182) 09115 - 09135	01
HI037	S2899L10.0	CIRCUIT BREAKER	V82647	(T182) 09101 - 09113 (T182) 09115 - 09135	01
HI038	S2899L15.0	CIRCUIT BREAKER	V82647	(T182) 09101 - 09113 (T182) 09115 - 09135	01
HI039	S2899L5.0	CIRCUIT BREAKER	V82647	(T182) 09101 - 09113 (T182) 09115 - 09135	01
HI040	S2899L15.0	CIRCUIT BREAKER	V82647	(T182) 09101 - 09113 (T182) 09115 - 09135	01
HI041	S2899L10.0	CIRCUIT BREAKER	V82647	(T182) 09101 - 09113 (T182) 09115 - 09135	01
HI042	S2899L5.0	CIRCUIT BREAKER	V82647	(T182) 09101 - 09113 (T182) 09115 - 09135	01
HI047	S2899L5.0	CIRCUIT BREAKER	V82647	(T182) 09101 - 09113 (T182) 09115 - 09135	01
HI048	S2899L5.0	CIRCUIT BREAKER	V82647	(T182) 09101 - 09113 (T182) 09115 - 09135	01
HI049	S2899L5.0	CIRCUIT BREAKER	V82647	(T182) 09101 - 09113 (T182) 09115 - 09135	01
HI050	S2899L5.0	CIRCUIT BREAKER	V82647	(T182) 09101 - 09113 (T182) 09115 - 09135	01
HI051	S2899L5.0	CIRCUIT BREAKER	V82647	(T182) 09101 - 09113 (T182) 09115 - 09135	01
HI052	S2899L5.0	CIRCUIT BREAKER	V82647	(T182) 09101 - 09113 (T182) 09115 - 09135	01
HI065	S1360-5L	CIRCUIT BREAKER - LANDING LIGHT		(T182) 09101 - 09113 (T182) 09115 - 09135	01
HI066	S1360-5L	CIRCUIT BREAKER - RECOGNITION TAXI LIGHT		(T182) 09101 - 09113 (T182) 09115 - 09135	01
HI067	S2899L5.0	CIRCUIT BREAKER	V82647	(T182) 09101 - 09113 (T182) 09115 - 09135	01
HI073	ATM-5	FUSE	V71400	(T182) 09101 - 09113 (T182) 09115 - 09135	01
	HHL	. FUSEHOLDER W/COVER	V71400		01

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CIRCUIT BREAKER PANEL W/NAVIII AND PROP DE-ICE

AIRPLANES (T182) 09101 THRU 09113 AND 09115 THRU 09135

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
JC023	S2350-10	RECEPTACLE		(T182) 09101 - 09113 (T182) 09115 - 09135	01
	S2353-4	. CONTACT			AR
	S2353-5	. PIN			AR
	S2353-7	. PIN			AR
JC024	S2350-4	RECEPTACLE (ZONE 220)	V00779	(182) 81318 & ON (T182) 08232 & ON	01
	S2353-4	. CONTACT			01
	S2353-5	. PIN			01
JC025	S2350-3	CONNECTOR		(T182) 09101 - 09113 (T182) 09115 - 09135	01
	S2353-4	. CONTACT			01
	S2353-5	. CONTACT			06
	S2353-6	. CONTACT			05
	S3373-1	. CONTACT			01
PC023	S2349-5	CONNECTOR		(T182) 09101 - 09113 (T182) 09115 - 09135	01
	S2099-3	. CONTACT			06
	S2099-4	. CONTACT	V00779		17
PC024	S2349-3	PLUG (ZONE 220)		(182) 81318 & ON (T182) 08232 & ON	01
	S2099-3	. CONTACT			01
	S2099-4	. CONTACT	V00779		01
PC025	S2349-1	CONNECTOR	V00779	(T182) 09101 - 09113 (T182) 09115 - 09135	01
	S2099-13	. CONTACT			06
	S2099-3	. CONTACT			02
	S2099-4	. CONTACT	V00779		05
	S3373-2	. CONTACT			02

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Figure 12 : Sheet 01 : CIRCUIT BREAKER PANEL W/NAVIII AND PROP DE-ICE



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CIRCUIT BREAKER PANEL W/NAVIII AND PROP DE-ICE

AIRPLANES (T182) 09114 AND 09136 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
DI001	1N6391	DIODE (ZONE 224)		(T182) 09114 - 09114 (T182) 09136 & ON	01
DI002	1N6391	DIODE (ZONE 224)		(T182) 09114 - 09114 (T182) 09136 & ON	01
DI006	1N6391	DIODE		(T182) 09114 - 09114 (T182) 09136 & ON	01
DI007	1N6391	DIODE		(T182) 09114 - 09114 (T182) 09136 & ON	01
HI003	S1360-5L	CIRCUIT BREAKER (ZONE 224)		(T182) 09114 - 09114 (T182) 09136 & ON	01
HI007	S1360-10L	CIRCUIT BREAKER (ZONE 224)		(T182) 09114 - 09114 (T182) 09136 & ON	01
HI010	S1360-5L	CIRCUIT BREAKER (ZONE 224)		(T182) 09114 - 09114 (T182) 09136 & ON	01
HI011	S1360-20L	CIRCUIT BREAKER (ZONE 224)		(T182) 09114 - 09114 (T182) 09136 & ON	01
HI015	S1360-10L	CIRCUIT BREAKER		(T182) 09114 - 09114 (T182) 09136 & ON	01
HI022	S1360-5L	CIRCUIT BREAKER (ZONE 224)		(T182) 09114 - 09114 (T182) 09136 & ON	01
HI023	S1360-15L	CIRCUIT BREAKER (ZONE 224)		(T182) 09114 - 09114 (T182) 09136 & ON	01
HI024	S1360-15L	CIRCUIT BREAKER (ZONE 224)		(T182) 09114 - 09114 (T182) 09136 & ON	01
HI025	S1360-5L	CIRCUIT BREAKER		(T182) 09114 - 09114 (T182) 09136 & ON	01
HI026	S1360-5L	CIRCUIT BREAKER		(T182) 09114 - 09114 (T182) 09136 & ON	01
HI029	S1360-5L	CIRCUIT BREAKER		(T182) 09114 - 09114 (T182) 09136 & ON	01
HI031	S1360-5L	CIRCUIT BREAKER		(T182) 09114 - 09114 (T182) 09136 & ON	01
HI032	S1360-10L	CIRCUIT BREAKER		(T182) 09114 - 09114 (T182) 09136 & ON	01
HI034	S2899L20.0	CIRCUIT BREAKER		(T182) 09114 - 09114 (T182) 09136 & ON	01
HI035	S2899L5.0	CIRCUIT BREAKER	V82647	(T182) 09114 - 09114 (T182) 09136 & ON	01
HI036	S2899L5.0	CIRCUIT BREAKER	V82647	(T182) 09114 - 09114 (T182) 09136 & ON	01
HI037	S2899L10.0	CIRCUIT BREAKER	V82647	(T182) 09114 - 09114 (T182) 09136 & ON	01
HI038	S2899L15.0	CIRCUIT BREAKER	V82647	(T182) 09114 - 09114 (T182) 09136 & ON	01
HI039	S2899L5.0	CIRCUIT BREAKER	V82647	(T182) 09114 - 09114 (T182) 09136 & ON	01
HI040	S2899L15.0	CIRCUIT BREAKER	V82647	(T182) 09114 - 09114 (T182) 09136 & ON	01
HI041	S2899L10.0	CIRCUIT BREAKER	V82647	(T182) 09114 - 09114 (T182) 09136 & ON	01
HI042	S2899L5.0	CIRCUIT BREAKER	V82647	(T182) 09114 - 09114 (T182) 09136 & ON	01
HI047	S2899L5.0	CIRCUIT BREAKER	V82647	(T182) 09114 - 09114 (T182) 09136 & ON	01
HI048	S2899L5.0	CIRCUIT BREAKER	V82647	(T182) 09114 - 09114 (T182) 09136 & ON	01
HI049	S2899L5.0	CIRCUIT BREAKER	V82647	(T182) 09114 - 09114 (T182) 09136 & ON	01
HI050	S2899L5.0	CIRCUIT BREAKER	V82647	(T182) 09114 - 09114 (T182) 09136 & ON	01
HI051	S2899L5.0	CIRCUIT BREAKER	V82647	(T182) 09114 - 09114 (T182) 09136 & ON	01
HI052	S2899L5.0	CIRCUIT BREAKER	V82647	(T182) 09114 - 09114 (T182) 09136 & ON	01
HI065	S1360-5L	CIRCUIT BREAKER - LANDING LIGHT		(T182) 09114 - 09114 (T182) 09136 & ON	01
HI066	S1360-5L	CIRCUIT BREAKER - RECOGNITION TAXI LIGHT		(T182) 09114 - 09114 (T182) 09136 & ON	01
HI067	S2899L5.0	CIRCUIT BREAKER	V82647	(T182) 09114 - 09114 (T182) 09136 & ON	01
HI073	ATM-5	FUSE	V71400	(T182) 09114 - 09114 (T182) 09136 & ON	01
	HHL	. FUSEHOLDER W/COVER	V71400		01

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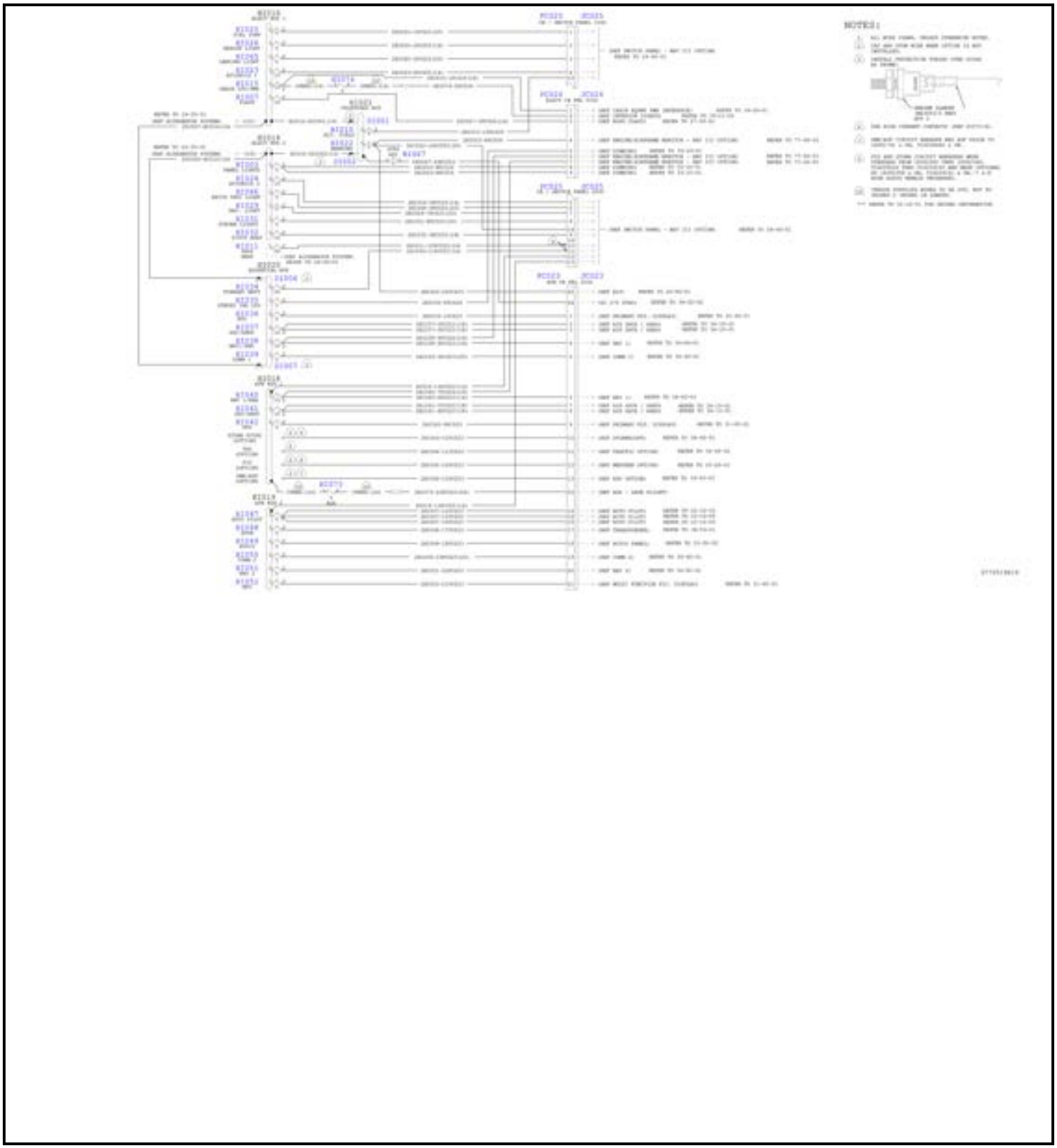
CIRCUIT BREAKER PANEL W/NAVIII AND PROP DE-ICE

AIRPLANES (T182) 09114 AND 09136 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
HI074	ATM-5	FUSE	V71400	(T182) 09114 - 09114 (T182) 09136 & ON	01
	HHL	. FUSEHOLDER W/COVER	V71400		01
JC023	S2350-10	RECEPTACLE		(T182) 09114 - 09114 (T182) 09136 & ON	01
	S2353-4	. CONTACT			AR
	S2353-5	. PIN			AR
	S2353-7	. PIN			AR
JC024	S2350-4	RECEPTACLE (ZONE 220)	V00779	(182) 81318 & ON (T182) 08232 & ON	01
	S2353-4	. CONTACT			01
	S2353-5	. PIN			01
JC025	S2350-3	CONNECTOR		(T182) 09114 - 09114 (T182) 09136 & ON	01
	S2353-4	. CONTACT			01
	S2353-5	. CONTACT			06
	S2353-6	. CONTACT			05
	S3373-1	. CONTACT			01
PC023	S2349-5	CONNECTOR		(T182) 09114 - 09114 (T182) 09136 & ON	01
	S2099-3	. CONTACT			06
	S2099-4	. CONTACT	V00779		17
PC024	S2349-3	PLUG (ZONE 220)		(182) 81318 & ON (T182) 08232 & ON	01
	S2099-3	. CONTACT			01
	S2099-4	. CONTACT	V00779		01
PC025	S2349-1	CONNECTOR	V00779	(T182) 09114 - 09114 (T182) 09136 & ON	01
	S2099-13	. CONTACT			06
	S2099-3	. CONTACT			02
	S2099-4	. CONTACT	V00779		05
	S3373-2	. CONTACT			02

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Figure 13 : Sheet 01 : CIRCUIT BREAKER PANEL W/NAVIII AND PROP DE-ICE



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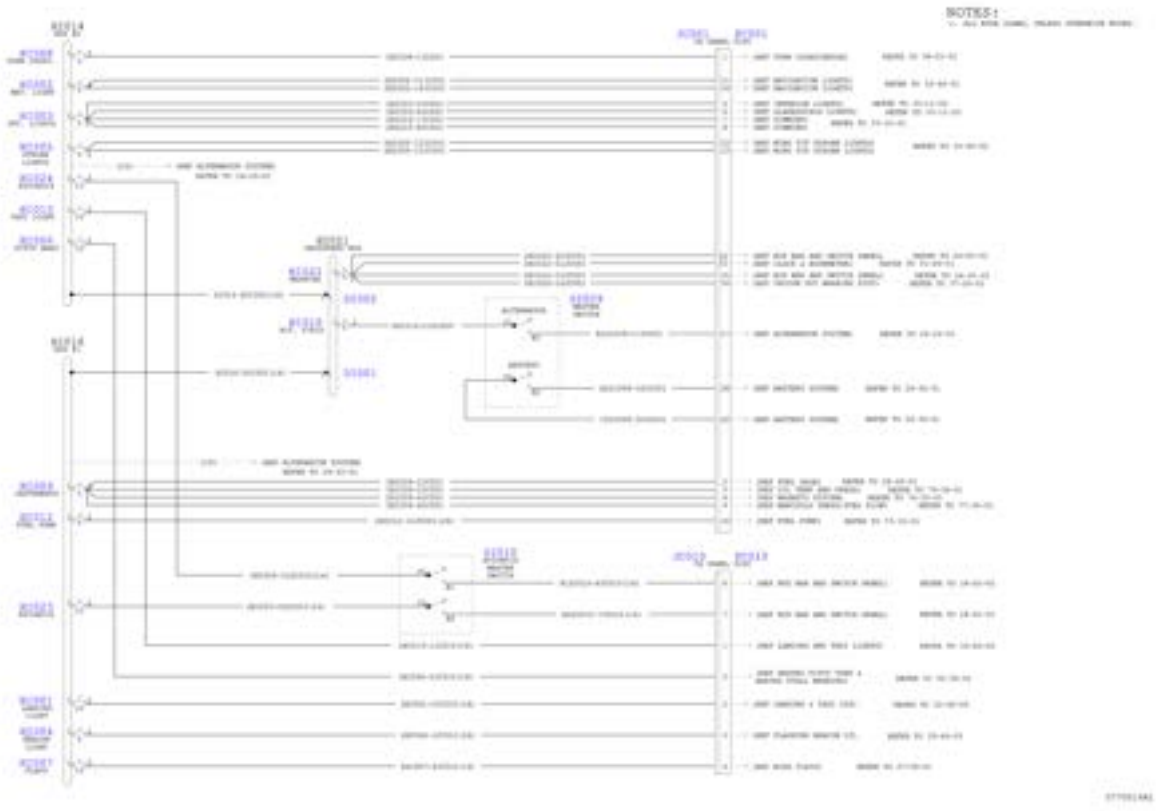
CIRCUIT BREAKER & SWITCH PANEL-SPLIT AVIONICS MASTER OPTION

AIRPLANES (182) 80344 THRU 80944

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
DI001	1N6391	DIODE (ZONE 224)		(182) 80344 - 80944	01
DI002	1N6391	DIODE (ZONE 224)		(182) 80344 - 80944	01
HI001	CM3589-10	CIRCUIT BREAKER (ZONE 224)		(182) 80344 - 80944	01
	S2122-1	. NUT			01
HI002	CM3589-5	CIRCUIT BREAKER (ZONE 224)		(182) 80344 - 80944	01
	S2122-1	. NUT			01
HI003	S1360-5L	CIRCUIT BREAKER (ZONE 224)		(182) 80344 - 80944	01
HI004	CM3589-5	CIRCUIT BREAKER - BEACON LIGHT (ZONE 224)		(182) 80344 - 80944	01
	S2122-1	. NUT			01
HI005	CM3589-5	CIRCUIT BREAKER - STROBE LIGHTS (ZONE 224)		(182) 80344 - 80944	01
HI006	CM3589-10	CIRCUIT BREAKER (ZONE 224)		(182) 80344 - 80944	01
HI007	S1360-10L	CIRCUIT BREAKER (ZONE 224)		(182) 80344 - 80944	01
HI008	S1360-5L	CIRCUIT BREAKER (ZONE 224)		(182) 80344 - 80944	01
HI009	S1360-5L	CIRCUIT BREAKER (ZONE 224)		(182) 80344 - 80944	01
HI010	S1360-5L	CIRCUIT BREAKER (ZONE 224)		(182) 80344 - 80944	01
HI012	CM3589-5	CIRCUIT BREAKER (ZONE 224)		(182) 80344 - 80944	01
HI013	CM3589-10	CIRCUIT BREAKER (ZONE 224)		(182) 80344 - 80944	01
HI022	S1360-5L	CIRCUIT BREAKER (ZONE 224)		(182) 80344 - 80944	01
HI023	S1360-15L	CIRCUIT BREAKER (ZONE 224)		(182) 80344 - 80944	01
HI024	S1360-15L	CIRCUIT BREAKER (ZONE 224)		(182) 80344 - 80944	01
JC001	S2349-5	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(182) 80344 - 80944	01
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
JC010	S1641-9	CONNECTOR - HOUSING-SOCKET (ZONE 224)		(182) 80344 - 80944	01
	S1636-1	. ELECTRICAL SOCKET			AR
	S1636-2	. SOCKET			AR
PC001	S2350-10	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(182) 80344 - 80944	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PC010	S1640-9	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(182) 80344 - 80944	01
	S1635-1	. CONTACT	V49367		AR
	S1635-2	. CONTACT			AR
SI009		SWITCH - MASTER			RF
SI010		SWITCH - AVIONICS MASTER			RF

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Figure 01 : Sheet 01 : CIRCUIT BREAKER & SWITCH PANEL-SPLIT AVIONICS MASTER OPTION



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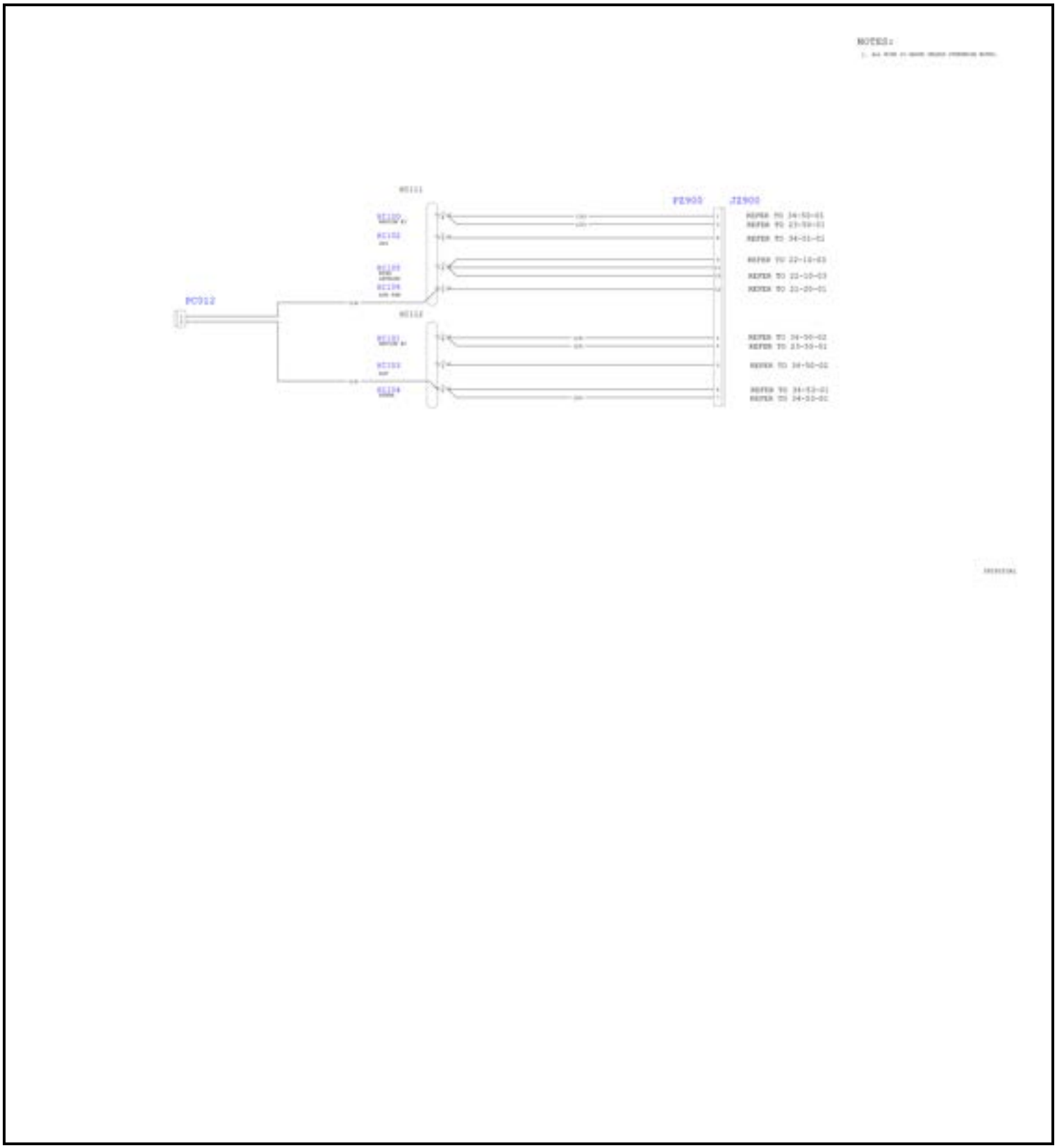
AVIONICS CIRCUIT BREAKER PANEL-STANDARD

AIRPLANES (182) 80001 THRU 80003

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
HI100	S1360-8L	CIRCUIT BREAKER (ZONE 224)		(182) 80001 - 80003	01
HI101	S1360-8L	CIRCUIT BREAKER (ZONE 224)		(182) 80001 - 80003	01
HI102	S1360-5L	CIRCUIT BREAKER (ZONE 224)		(182) 80001 - 80003	01
HI103	S1360-5L	CIRCUIT BREAKER (ZONE 224)		(182) 80001 - 80003	01
HI104	S1360-5L	CIRCUIT BREAKER (ZONE 224)		(182) 80001 - 80003	01
HI105	CM3589-5	CIRCUIT BREAKER - WING LEVELER		(182) 80001 - 80003	01
HI106	S1360-5L	CIRCUIT BREAKER (ZONE 224)		(182) 80001 - 80003	01
JZ900	S2350-3	CONNECTOR (ZONE 220/225)		(182) 80001 - 80003	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PC012	S2035-1	CONNECTOR		(182) 80001 - 80003	01
	S1635-2	. CONTACT			AR
PZ900	S2349-1	CONNECTOR - AVIONICS CIRCUIT BREAKER	V00779	(182) 80001 - 80003	01
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR

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Figure 01 : Sheet 01 : AVIONICS CIRCUIT BREAKER PANEL-STANDARD



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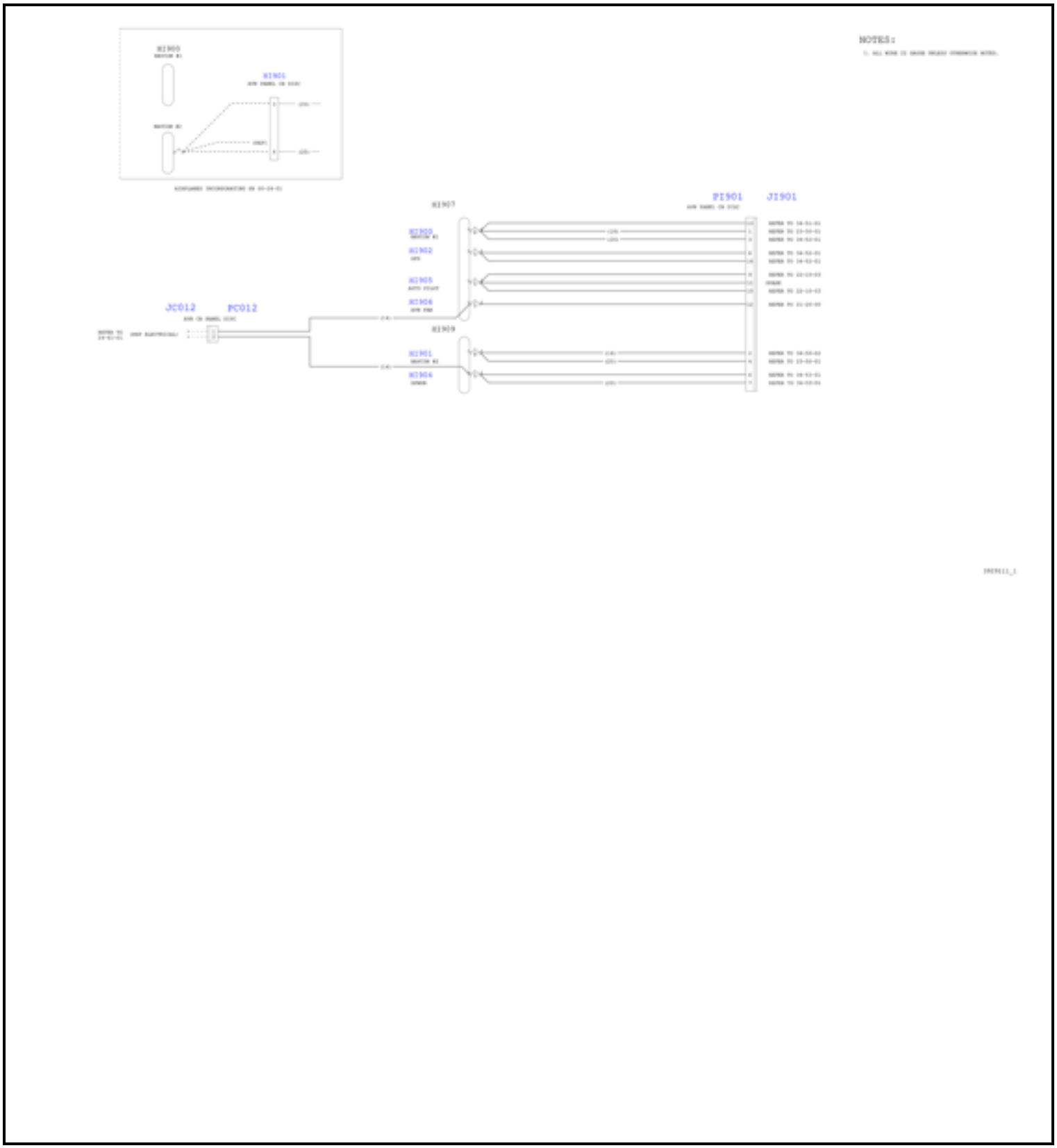
AVIONICS CIRCUIT BREAKER PANEL-STANDARD

AIRPLANES (182) 80004 THRU 80944

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
HI900	1610-128-080A7	CIRCUIT BREAKER (ZONE 224)	V76374	(182) 80004 - 80944	01
	S2878-8	. NUT			01
HI901	1610-128-080A7	CIRCUIT BREAKER (ZONE 224)	V76374	(182) 80004 - 80944	01
	S2878-8	. NUT			01
HI902	1610-128-050A7	CIRCUIT BREAKER (ZONE 224)	V76374	(182) 80004 - 80944	01
	S2878-8	. NUT			01
HI904	1610-128-050A7	CIRCUIT BREAKER (ZONE 224)	V76374	(182) 80004 - 80944	01
	S2878-8	. NUT			01
	MS35206-226	. SCREW	V80205		01
HI905	1610-128-050A7	CIRCUIT BREAKER (ZONE 224)	V76374	(182) 80004 - 80944	01
	S2878-8	. NUT			01
HI906	1610-128-050A7	CIRCUIT BREAKER (ZONE 224)	V76374	(182) 80004 - 80944	01
	S2878-8	. NUT			01
	MS35206-226	. SCREW	V80205		01
JC012	S2035-2	CONNECTOR (ZONE 224)	V00779	(182) 80004 - 80944	01
	S1636-2	. CONTACT			AR
JI901	S2350-3	CONNECTOR - AVIONICS COOLING FAN		(182) 80004 - 80944	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PC012	S2035-1	CONNECTOR		(182) 80004 - 80944	01
	S1635-2	. CONTACT			AR
PI901	S2349-1	CONNECTOR (ZONE 224)	V00779	(182) 80004 - 80944	01
	S2099-3	. CONTACT			AR

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Figure 02 : Sheet 01 : AVIONICS CIRCUIT BREAKER PANEL-STANDARD



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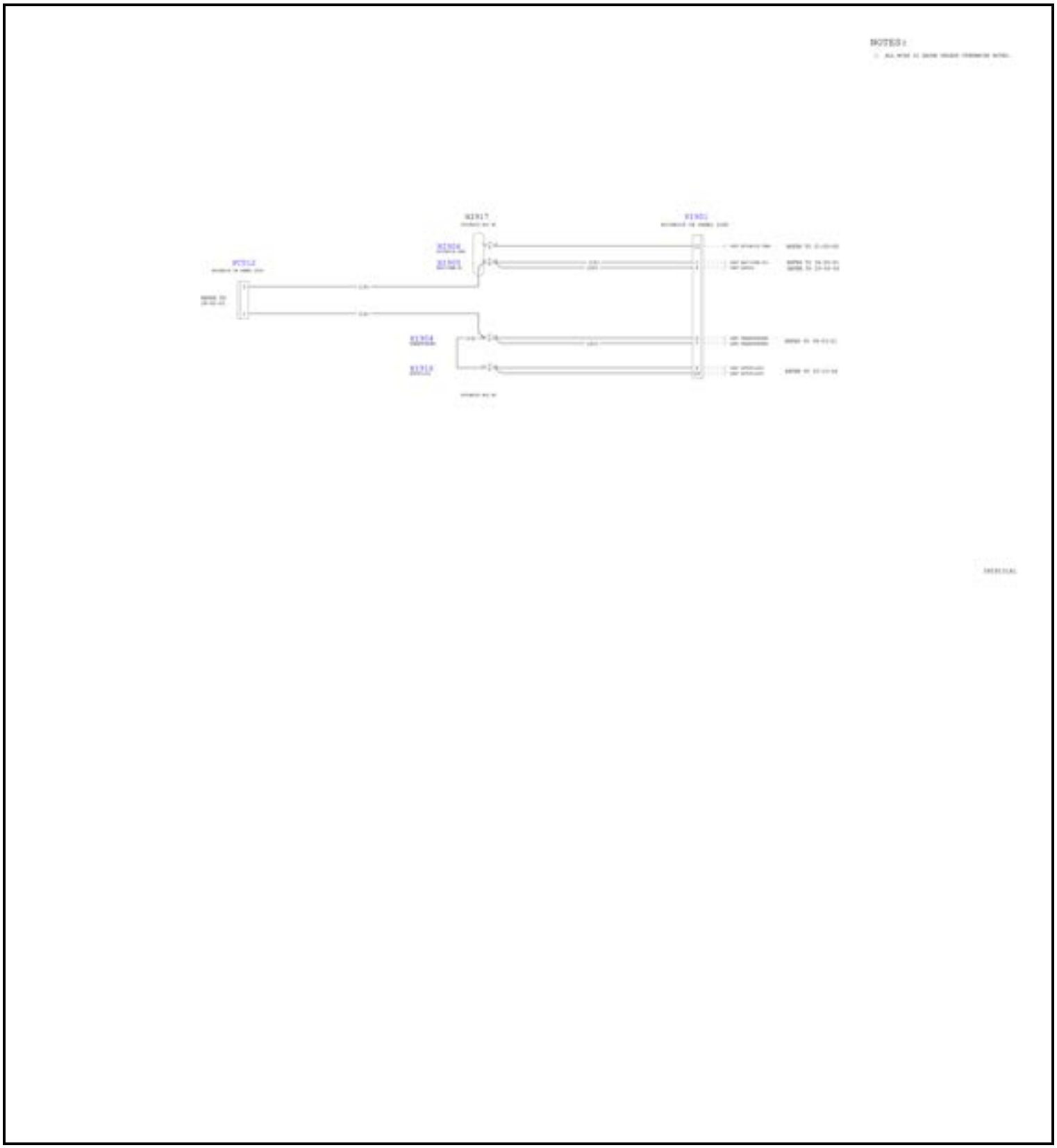
AVIONICS CIRCUIT BREAKER PANEL-STANDARD

AIRPLANES (182) 80945 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
HI900	1610-128-080A7	CIRCUIT BREAKER (ZONE 224)	V76374	(182) 80945 & ON	01
	S2878-8	. NUT			01
HI904	1610-128-050A7	CIRCUIT BREAKER (ZONE 224)	V76374	(182) 80945 & ON	01
	S2878-8	. NUT			01
	MS35206-226	. SCREW	V80205		01
HI906	1610-128-050A7	CIRCUIT BREAKER (ZONE 224)	V76374	(182) 80945 & ON	01
	S2878-8	. NUT			01
	MS35206-226	. SCREW	V80205		01
HI916	MS26574-5	CIRCUIT BREAKER (ZONE 224)	V76374	(182) 80945 & ON	01
	MS35206-226	. SCREW	V80205		01
PC012	S2035-1	CONNECTOR		(182) 80945 & ON	01
	S1635-2	. CONTACT			AR
PI901	S2349-1	CONNECTOR (ZONE 224)	V00779	(182) 80945 & ON	01
	S2099-3	. CONTACT			AR

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Figure 03 : Sheet 01 : AVIONICS CIRCUIT BREAKER PANEL-STANDARD



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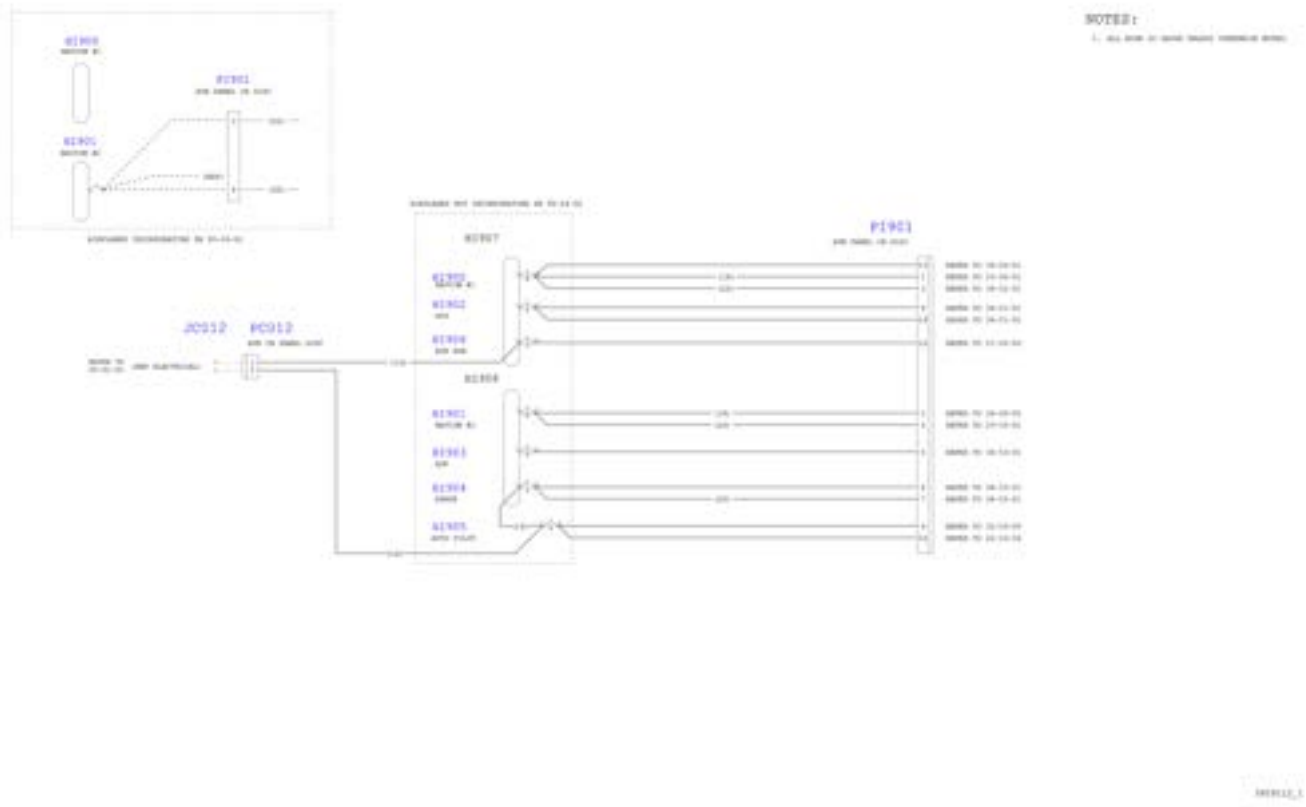
AVIONICS CIRCUIT BREAKER PANEL-NAV I

AIRPLANES (182) 80004 THRU 80945

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
HI900	1610-128-080A7	CIRCUIT BREAKER (ZONE 224)	V76374	(182) 80004 - 80945	01
	S2878-8	. NUT			01
HI901	1610-128-080A7	CIRCUIT BREAKER (ZONE 224)	V76374	(182) 80004 - 80945	01
	S2878-8	. NUT			01
HI902	1610-128-050A7	CIRCUIT BREAKER (ZONE 224)	V76374	(182) 80004 - 80945	01
	S2878-8	. NUT			01
HI903	1610-128-050A7	CIRCUIT BREAKER (ZONE 224)	V76374	(182) 80004 - 80945	01
	S2878-8	. NUT			01
	MS35206-226	. SCREW	V80205		01
HI904	1610-128-050A7	CIRCUIT BREAKER (ZONE 224)	V76374	(182) 80004 - 80945	01
	S2878-8	. NUT			01
	MS35206-226	. SCREW	V80205		01
HI905	1610-128-050A7	CIRCUIT BREAKER (ZONE 224)	V76374	(182) 80004 - 80945	01
	S2878-8	. NUT			01
HI906	1610-128-050A7	CIRCUIT BREAKER (ZONE 224)	V76374	(182) 80004 - 80945	01
	S2878-8	. NUT			01
	MS35206-226	. SCREW	V80205		01
JC012	S2035-2	CONNECTOR (ZONE 224)	V00779	(182) 80004 - 80945	01
	S1636-2	. CONTACT			AR
PC012	S2035-1	CONNECTOR		(182) 80004 - 80945	01
	S1635-2	. CONTACT			AR
PI901	S2349-1	CONNECTOR (ZONE 224)	V00779	(182) 80004 - 80945	01
	S2099-3	. CONTACT			AR

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Figure 04 : Sheet 01 : AVIONICS CIRCUIT BREAKER PANEL-NAV I



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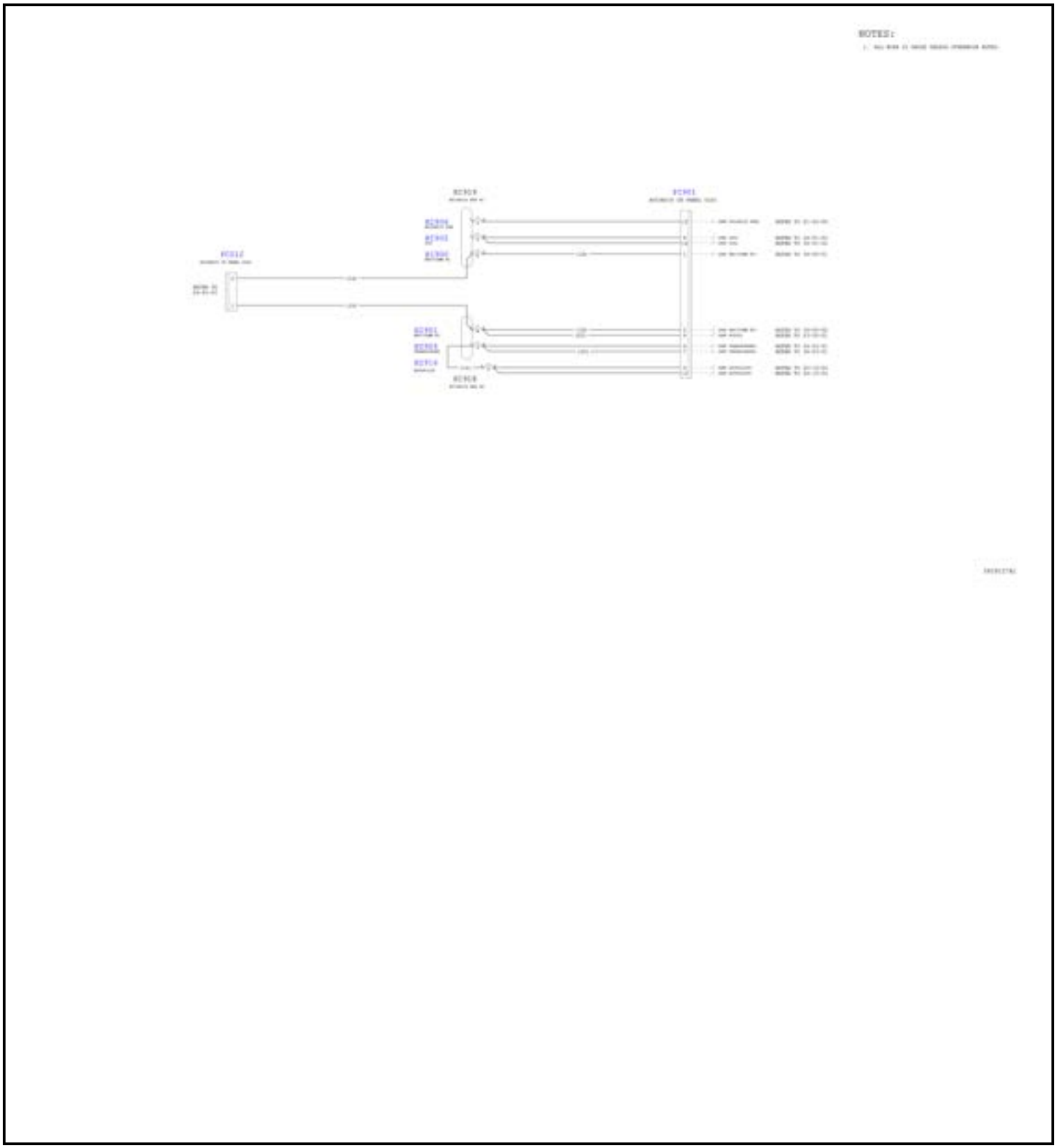
AVIONICS CIRCUIT BREAKER PANEL-NAV I

AIRPLANES (182) 80945 & ON AND AIRPLANES (T182) 08001 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
HI900	1610-128-080A7	CIRCUIT BREAKER (ZONE 224)	V76374	(182) 80945 & ON (T182) 08001 & ON	01
	S2878-8	. NUT			01
HI901	1610-128-080A7	CIRCUIT BREAKER (ZONE 224)	V76374	(182) 80945 & ON (T182) 08001 & ON	01
	S2878-8	. NUT			01
HI902	1610-128-050A7	CIRCUIT BREAKER (ZONE 224)	V76374	(182) 80945 & ON (T182) 08001 & ON	01
	S2878-8	. NUT			01
HI904	1610-128-050A7	CIRCUIT BREAKER (ZONE 224)	V76374	(182) 80945 & ON (T182) 08001 & ON	01
	S2878-8	. NUT			01
	MS35206-226	. SCREW	V80205		01
HI906	1610-128-050A7	CIRCUIT BREAKER (ZONE 224)	V76374	(182) 80945 & ON (T182) 08001 & ON	01
	S2878-8	. NUT			01
	MS35206-226	. SCREW	V80205		01
HI916	MS26574-5	CIRCUIT BREAKER (ZONE 224)	V76374	(182) 80945 & ON (T182) 08001 & ON	01
	MS35206-226	. SCREW	V80205		01
PC012	S2035-1	CONNECTOR		(182) 80945 & ON (T182) 08001 & ON	01
	S1635-2	. CONTACT			AR
PI901	S2349-1	CONNECTOR (ZONE 224)	V00779	(182) 80945 & ON (T182) 08001 & ON	01
	S2099-3	. CONTACT			AR

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Figure 05 : Sheet 01 : AVIONICS CIRCUIT BREAKER PANEL-NAV I



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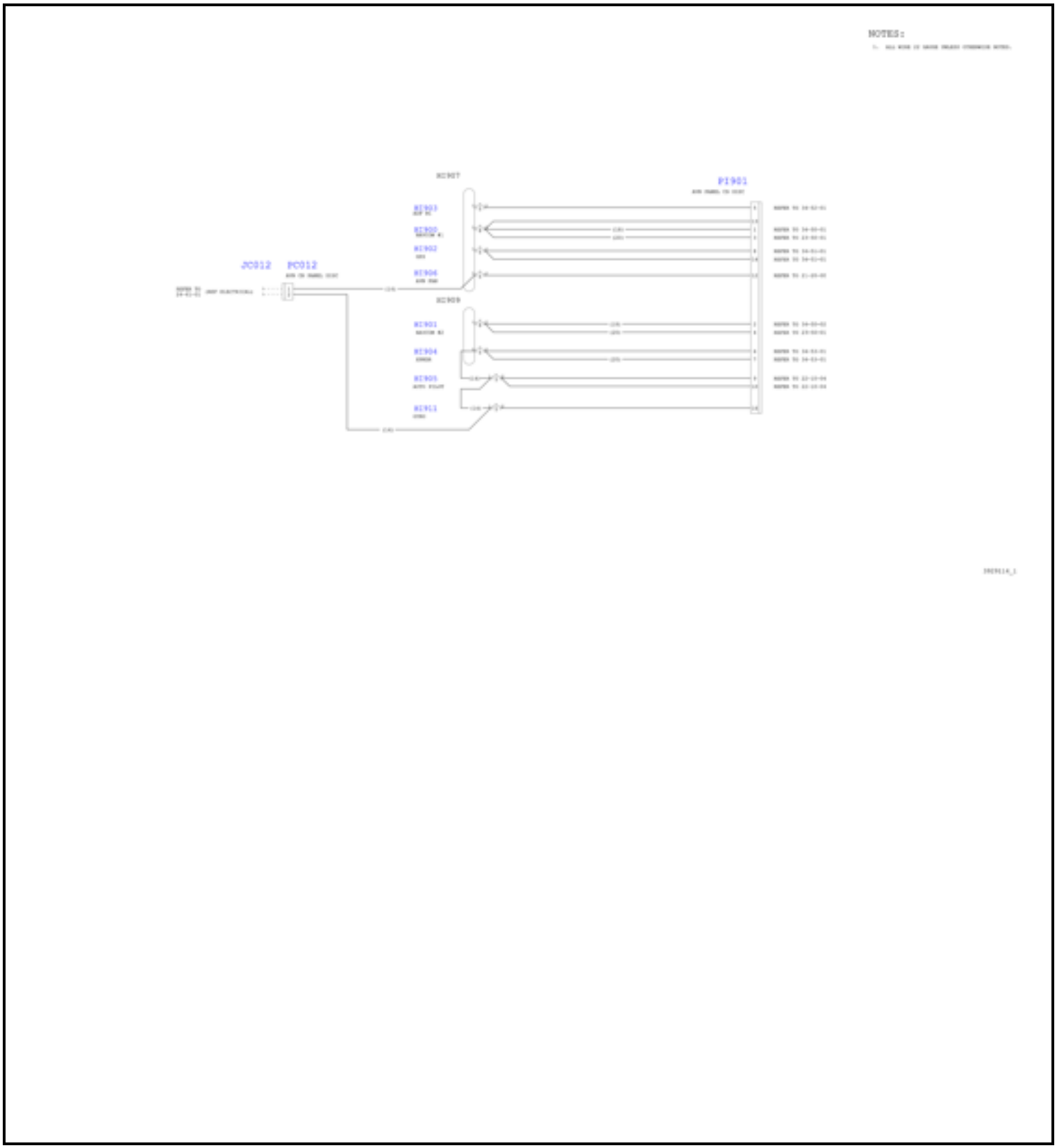
AVIONICS CIRCUIT BREAKER PANEL-NAV I W/HSI

AIRPLANES (182) 80454 THRU 80944

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
HI900	1610-128-080A7	CIRCUIT BREAKER (ZONE 224)	V76374	(182) 80454 - 80944	01
	S2878-8	. NUT			01
HI901	1610-128-080A7	CIRCUIT BREAKER (ZONE 224)	V76374	(182) 80454 - 80944	01
	S2878-8	. NUT			01
HI902	1610-128-050A7	CIRCUIT BREAKER (ZONE 224)	V76374	(182) 80454 - 80944	01
	S2878-8	. NUT			01
HI903	1610-128-050A7	CIRCUIT BREAKER (ZONE 224)	V76374	(182) 80454 - 80944	01
	S2878-8	. NUT			01
	MS35206-226	. SCREW	V80205		01
HI904	1610-128-050A7	CIRCUIT BREAKER (ZONE 224)	V76374	(182) 80454 - 80944	01
	S2878-8	. NUT			01
	MS35206-226	. SCREW	V80205		01
HI905	1610-128-050A7	CIRCUIT BREAKER (ZONE 224)	V76374	(182) 80454 - 80944	01
	S2878-8	. NUT			01
HI906	1610-128-050A7	CIRCUIT BREAKER (ZONE 224)	V76374	(182) 80454 - 80944	01
	S2878-8	. NUT			01
	MS35206-226	. SCREW	V80205		01
HI911	1610-128-050A7	CIRCUIT BREAKER (ZONE 224)	V76374	(182) 80454 - 80944	01
	S2878-8	. NUT			01
JC012	S2035-2	CONNECTOR (ZONE 224)	V00779	(182) 80454 - 80944	01
	S1636-2	. CONTACT			AR
PC012	S2035-1	CONNECTOR		(182) 80454 - 80944	01
	S1635-2	. CONTACT			AR
PI901	S2349-1	CONNECTOR (ZONE 224)	V00779	(182) 80454 - 80944	01
	S2099-3	. CONTACT			AR

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Figure 06 : Sheet 01 : AVIONICS CIRCUIT BREAKER PANEL-NAV I W/HSI



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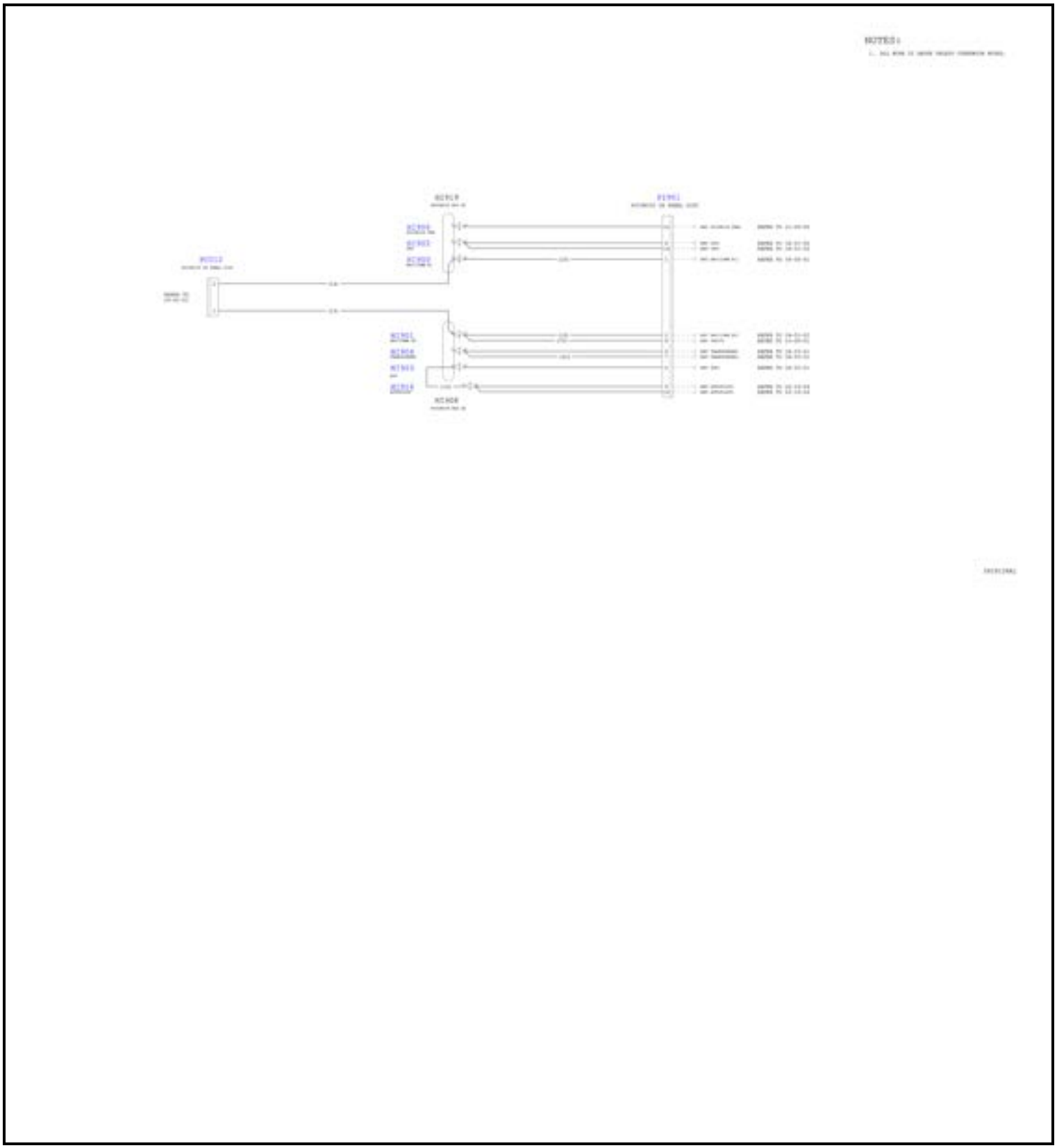
AVIONICS CIRCUIT BREAKER PANEL-NAV I W/HSI

AIRPLANES (182) 80945 & ON AND AIRPLANES (T182) 08001 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
HI900	1610-128-080A7	CIRCUIT BREAKER (ZONE 224)	V76374	(182) 80945 & ON (T182) 08001 & ON	01
	S2878-8	. NUT			01
HI901	1610-128-080A7	CIRCUIT BREAKER (ZONE 224)	V76374	(182) 80945 & ON (T182) 08001 & ON	01
	S2878-8	. NUT			01
HI902	1610-128-050A7	CIRCUIT BREAKER (ZONE 224)	V76374	(182) 80945 & ON (T182) 08001 & ON	01
	S2878-8	. NUT			01
HI903	1610-128-050A7	CIRCUIT BREAKER (ZONE 224)	V76374	(182) 80945 & ON (T182) 08001 & ON	01
	S2878-8	. NUT			01
	MS35206-226	. SCREW	V80205		01
HI904	1610-128-050A7	CIRCUIT BREAKER (ZONE 224)	V76374	(182) 80945 & ON (T182) 08001 & ON	01
	S2878-8	. NUT			01
	MS35206-226	. SCREW	V80205		01
HI906	1610-128-050A7	CIRCUIT BREAKER (ZONE 224)	V76374	(182) 80945 & ON (T182) 08001 & ON	01
	S2878-8	. NUT			01
	MS35206-226	. SCREW	V80205		01
HI916	MS26574-5	CIRCUIT BREAKER (ZONE 224)	V76374	(182) 80945 & ON (T182) 08001 & ON	01
	MS35206-226	. SCREW	V80205		01
PC012	S2035-1	CONNECTOR		(182) 80945 & ON (T182) 08001 & ON	01
	S1635-2	. CONTACT			AR
PI901	S2349-1	CONNECTOR (ZONE 224)	V00779	(182) 80945 & ON (T182) 08001 & ON	01
	S2099-3	. CONTACT			AR

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Figure 07 : Sheet 01 : AVIONICS CIRCUIT BREAKER PANEL-NAV I W/HSI



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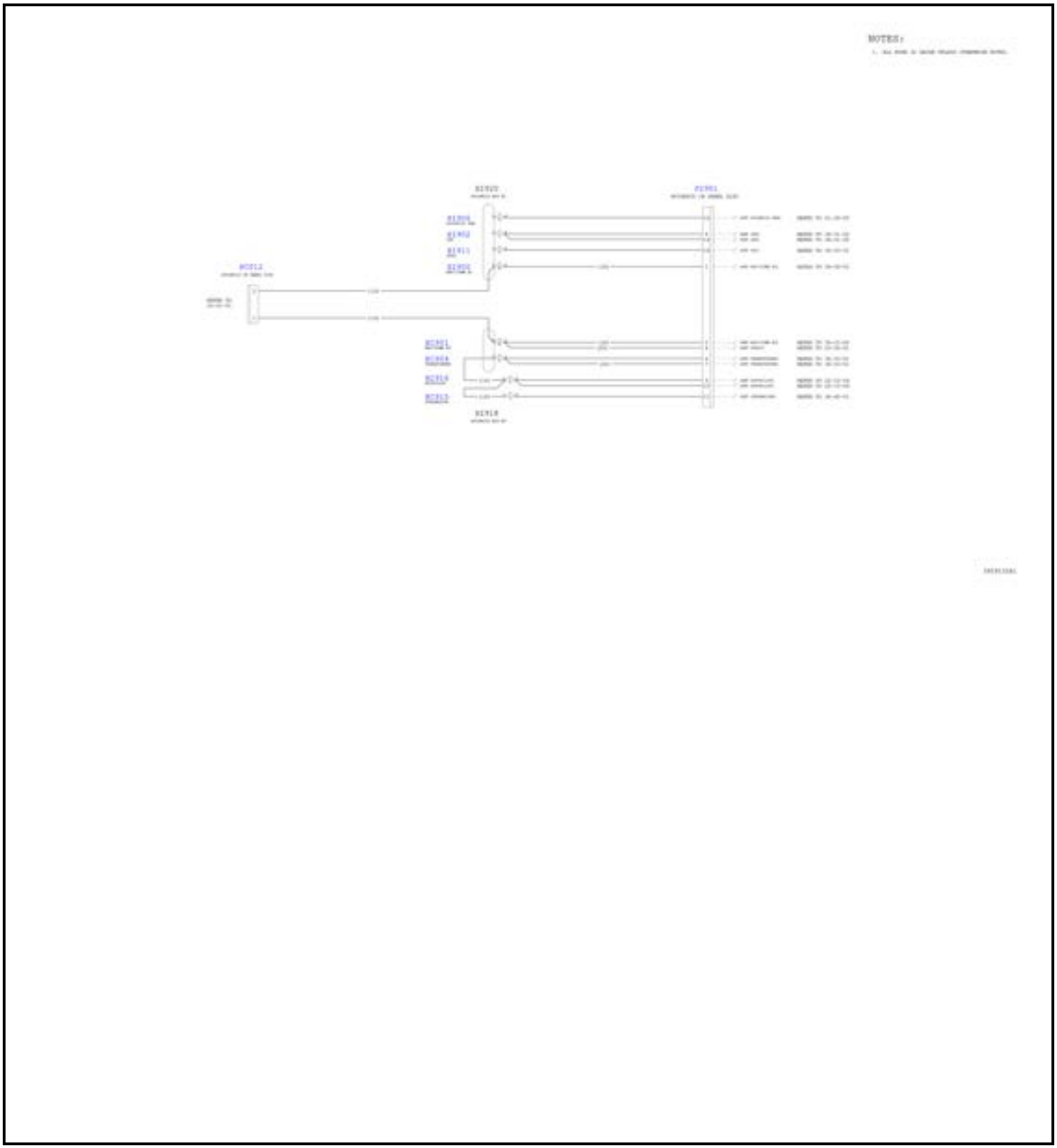
AVIONICS CIRCUIT BREAKER PANEL-NAV II

AIRPLANES (182) 80945 & ON AND AIRPLANES (T182) 08001 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
HI900	1610-128-080A7	CIRCUIT BREAKER (ZONE 224)	V76374	(182) 80945 & ON (T182) 08001 & ON	01
	S2878-8	. NUT			01
HI901	1610-128-080A7	CIRCUIT BREAKER (ZONE 224)	V76374	(182) 80945 & ON (T182) 08001 & ON	01
	S2878-8	. NUT			01
HI902	1610-128-050A7	CIRCUIT BREAKER (ZONE 224)	V76374	(182) 80945 & ON (T182) 08001 & ON	01
	S2878-8	. NUT			01
HI904	1610-128-050A7	CIRCUIT BREAKER (ZONE 224)	V76374	(182) 80945 & ON (T182) 08001 & ON	01
	S2878-8	. NUT			01
	MS35206-226	. SCREW	V80205		01
HI906	1610-128-050A7	CIRCUIT BREAKER (ZONE 224)	V76374	(182) 80945 & ON (T182) 08001 & ON	01
	S2878-8	. NUT			01
	MS35206-226	. SCREW	V80205		01
HI911	1610-128-050A7	CIRCUIT BREAKER (ZONE 224)	V76374	(182) 80945 & ON (T182) 08001 & ON	01
	S2878-8	. NUT			01
HI915	1610-128-050A7	CIRCUIT BREAKER (ZONE 224)	V76374	(182) 80945 & ON (T182) 08001 & ON	01
	S2878-8	. NUT			01
	MS35206-226	. SCREW	V80205		01
HI916	MS26574-5	CIRCUIT BREAKER (ZONE 224)	V76374	(182) 80945 & ON (T182) 08001 & ON	01
	MS35206-226	. SCREW	V80205		01
PC012	S2035-1	CONNECTOR		(182) 80945 & ON (T182) 08001 & ON	01
	S1635-2	. CONTACT			AR
PI901	S2349-1	CONNECTOR (ZONE 224)	V00779	(182) 80945 & ON (T182) 08001 & ON	01
	S2099-3	. CONTACT			AR

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Figure 08 : Sheet 01 : AVIONICS CIRCUIT BREAKER PANEL-NAV II



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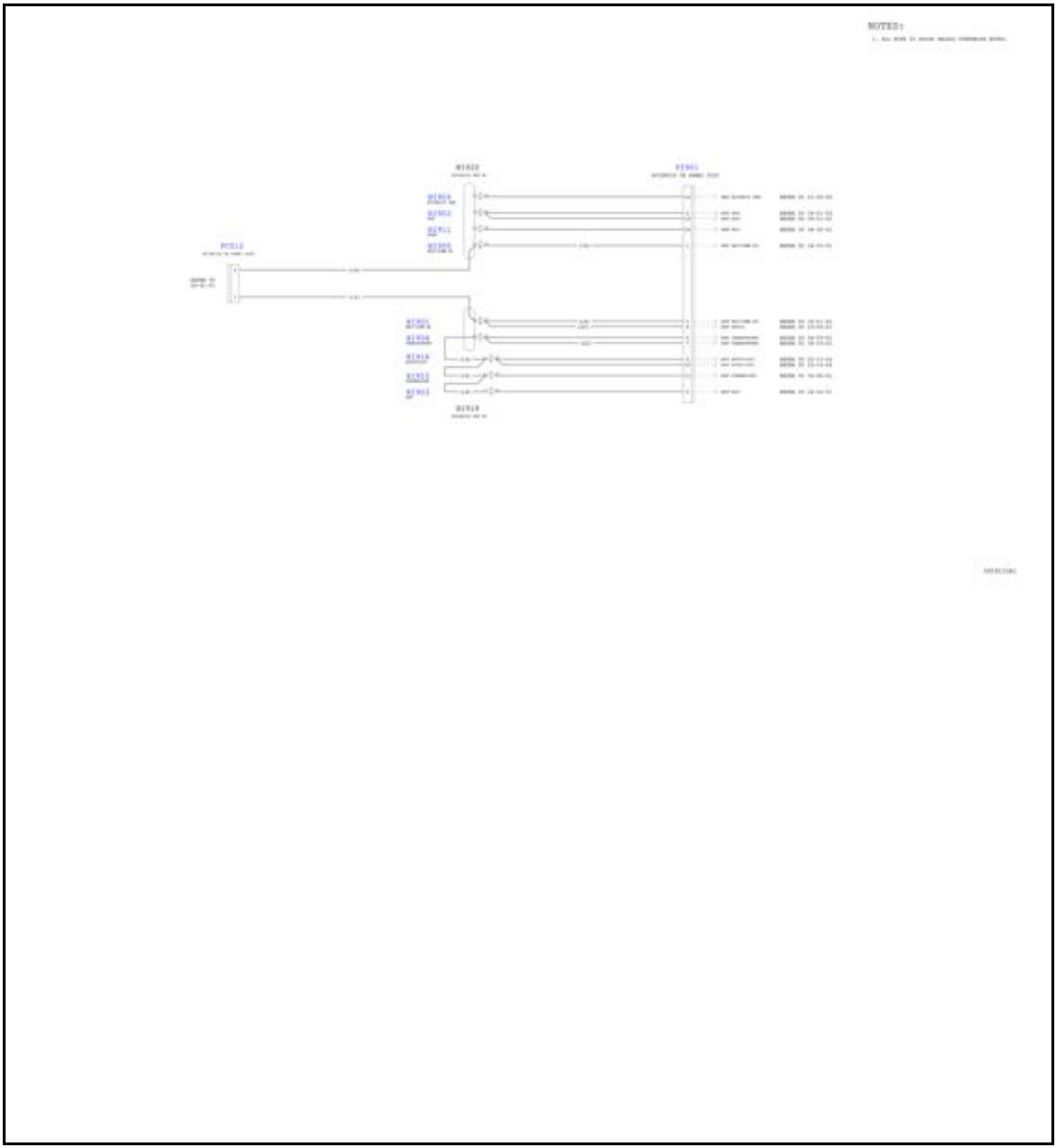
AVIONICS CIRCUIT BREAKER PANEL-NAV II W/ADF

AIRPLANES (182) 80945 & ON AND AIRPLANES (T182) 08001 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
HI900	1610-128-080A7	CIRCUIT BREAKER (ZONE 224)	V76374	(182) 80945 & ON (T182) 08001 & ON	01
	S2878-8	. NUT			01
HI901	1610-128-080A7	CIRCUIT BREAKER (ZONE 224)	V76374	(182) 80945 & ON (T182) 08001 & ON	01
	S2878-8	. NUT			01
HI902	1610-128-050A7	CIRCUIT BREAKER (ZONE 224)	V76374	(182) 80945 & ON (T182) 08001 & ON	01
	S2878-8	. NUT			01
HI903	1610-128-050A7	CIRCUIT BREAKER (ZONE 224)	V76374	(182) 80945 & ON (T182) 08001 & ON	01
	S2878-8	. NUT			01
	MS35206-226	. SCREW	V80205		01
HI904	1610-128-050A7	CIRCUIT BREAKER (ZONE 224)	V76374	(182) 80945 & ON (T182) 08001 & ON	01
	S2878-8	. NUT			01
	MS35206-226	. SCREW	V80205		01
HI906	1610-128-050A7	CIRCUIT BREAKER (ZONE 224)	V76374	(182) 80945 & ON (T182) 08001 & ON	01
	S2878-8	. NUT			01
	MS35206-226	. SCREW	V80205		01
HI911	1610-128-050A7	CIRCUIT BREAKER (ZONE 224)	V76374	(182) 80945 & ON (T182) 08001 & ON	01
	S2878-8	. NUT			01
HI915	1610-128-050A7	CIRCUIT BREAKER (ZONE 224)	V76374	(182) 80945 & ON (T182) 08001 & ON	01
	S2878-8	. NUT			01
	MS35206-226	. SCREW	V80205		01
HI916	MS26574-5	CIRCUIT BREAKER (ZONE 224)	V76374	(182) 80945 & ON (T182) 08001 & ON	01
	MS35206-226	. SCREW	V80205		01
PC012	S2035-1	CONNECTOR		(182) 80945 & ON (T182) 08001 & ON	01
	S1635-2	. CONTACT			AR
PI901	S2349-1	CONNECTOR (ZONE 224)	V00779	(182) 80945 & ON (T182) 08001 & ON	01
	S2099-3	. CONTACT			AR

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Figure 09 : Sheet 01 : AVIONICS CIRCUIT BREAKER PANEL-NAV II W/ADF



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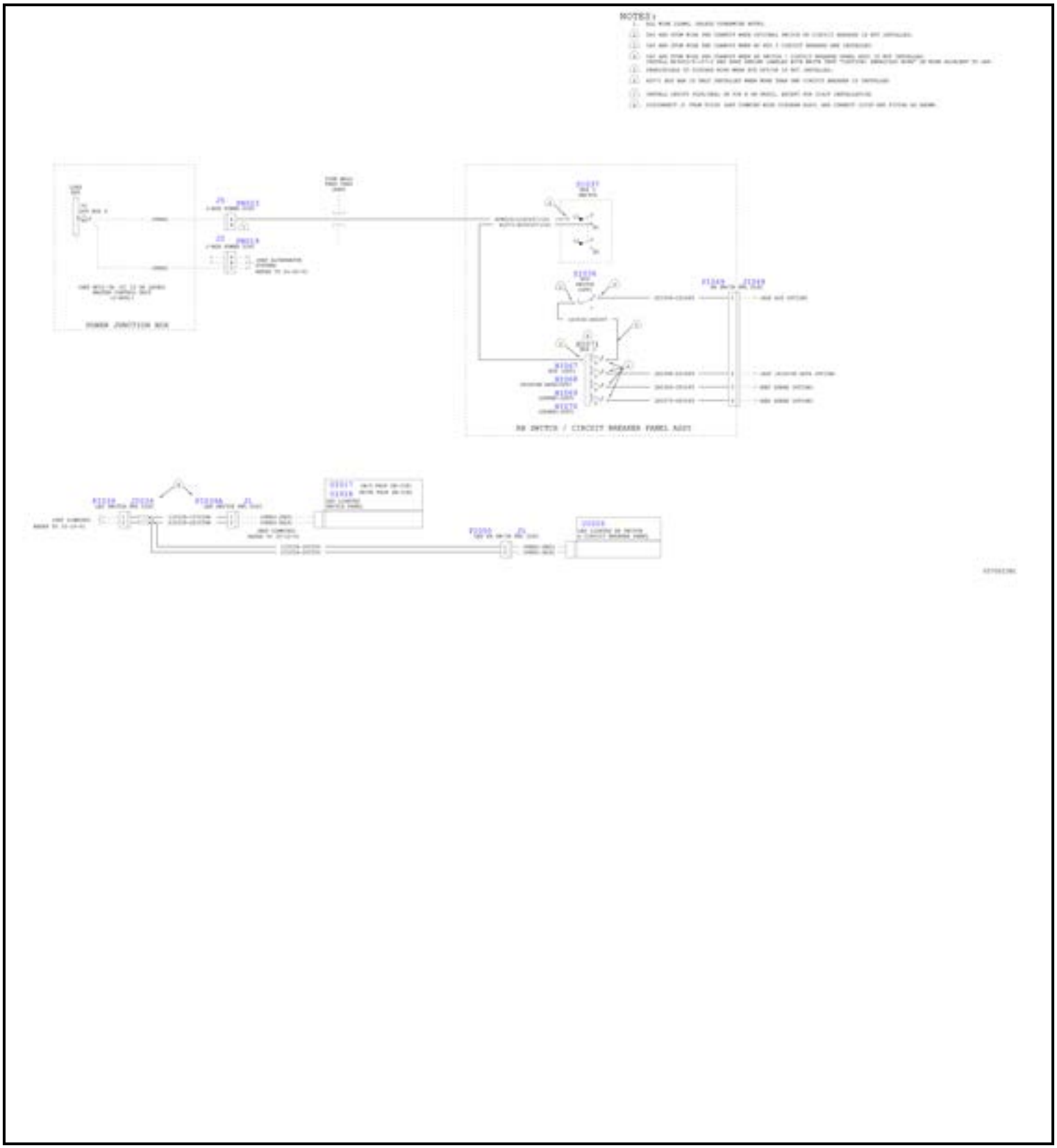
RH SWITCH AND CIRCUIT BREAKER PANEL (OPT)

AIRPLANES (182) 82306 & ON AND AIRPLANES (T182) 09048 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
HI067	S1360-5L	CIRCUIT BREAKER		(182) 82306 & ON (T182) 09048 & ON	01
HI068	S1360-5L	CIRCUIT BREAKER		(182) 82306 & ON (T182) 09048 & ON	01
HI069		CIRCUIT BREAKER			RF
HI070		CIRUCIT BREAKER			RF
J1	S2035-1	HOUSING - POWER JUNCTION BOX DISCONNECT		(182) 82306 & ON (T182) 09048 & ON	01
	S1635-1	. PIN	V49367		AR
J1	39-0050588-00	CONNECTOR - STROBE DISCONNECT (ZONE 121)	V10402	(182) 82306 & ON (T182) 09048 & ON	01
	39-0403023-04	. CONTACT	V10402		01
J1		CONNECTOR - LED SWITCH PANEL DISCONNECT (ZONE 121)			RF
J1	S2350-4	CONNECTOR - DIMMING MODULE (ZONE 222)	V00779	(182) 82306 & ON (T182) 09048 & ON	01
	S2353-5	. CONTACT			09
J1	S1637-2	CONNECTOR - COURTESY LIGHT DISCONNECT (ZONE 520)		(182) 82306 & ON (T182) 09048 & ON	01
	S1636-2	. CONTACT			01
J2	770585-1	CONNECTOR - POWER SUPPLY DISCONNECT (ZONE 121)	V00779	(182) 82306 & ON (T182) 09048 & ON	01
J5		CONNECTOR			RF
JI039	S2035-1	CONNECTOR		(182) 82306 & ON (T182) 09048 & ON	01
	S1635-1	. PIN	V49367		AR
JI049	S2353-5	PIN		(182) 82306 & ON (T182) 09048 & ON	01
	S2351-2	. BACKSHELL	V00779		01
	206429-1	. PLUG	V00779		01
PB019	KTKSAD10280X3	CONNECTOR KIT - POWER JUNCTION BOX (ZONE 121)	V1F242	(182) 82306 & ON (T182) 09048 & ON	01
	KTKSAD10FT	. TERMINAL KIT	V1F242	(182) 08001 & ON	01
PB023	S2800-275	CONNECTOR KIT		(182) 82306 & ON (T182) 09048 & ON	01
	12066082	. CAVITY PLUG	V53669		01
PI039	S1636-2	SOCKET (ZONE 220)		(182) 82306 & ON (T182) 09048 & ON	01
PI039A	S1636-1	SOCKET		(182) 82306 & ON (T182) 09048 & ON	01
	S2035-2	. HOUSING	V00779		01
PI049	211102-1	RECEPTACLE	V00779	(182) 82306 & ON (T182) 09048 & ON	01
PI050	S1636-1	SOCKET		(182) 82306 & ON (T182) 09048 & ON	01
	S2035-2	. HOUSING	V00779		01
SI036		SWITCH			RF
SI037	S3377-1-1	SWITCH		(182) 82306 & ON (T182) 09048 & ON	01
UI017		SWITCH PANEL - LED LIGHTED			RF
UI018		SWITCH PANEL - LED LIGHTED			RF
UI026		RH SWITCH AND CIRCUIT BREAKER PANEL			RF

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Figure 01 : Sheet 01 : RH SWITCH AND CIRCUIT BREAKER PANEL (OPT)



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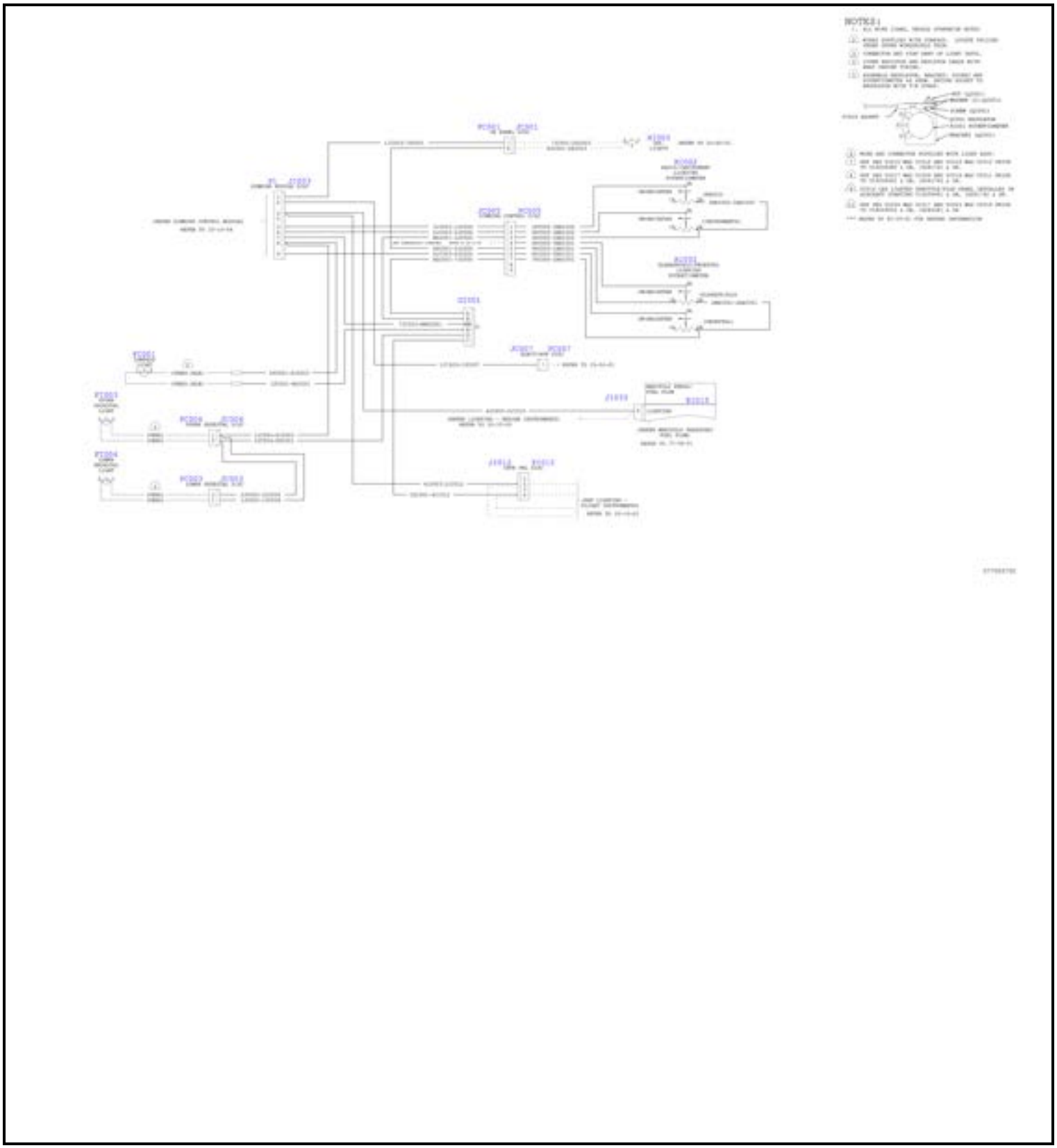
INSTRUMENT DIMMING

AIRPLANES (182) 80001 THRU 80715

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
EI015		INDICATOR - MANIFOLD PRESSURE/FUEL FLOW			RF
FC001		LIGHT - COMPASS (ZONE 211)			RF
FI003	MS25231-1829	LIGHT - UPPER PEDESTAL (ZONE 211)		(182) 80001 - 80715	01
FI004	MS25231-1829	LIGHT - LOWER PEDESTAL (ZONE 211)		(182) 80001 - 80715	02
GI001	200838-2	GROUND BLOCK (ZONE 211)	V00779	(182) 80001 - 80715	01
	S2099-13	. CONTACT			02
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
HI003	S1360-5L	CIRCUIT BREAKER (ZONE 224)		(182) 80001 - 80715	01
JC001	S2349-5	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(182) 80001 - 80715	01
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
JC003	S2035-2	CONNECTOR - LOWER PEDESTAL DISCONNECT (ZONE 210)	V00779	(182) 80001 - 80715	01
	S1636-1	. CONTACT			AR
JC004	S2035-2	CONNECTOR - UPPER PEDESTAL DISCONNECT (ZONE 210)	V00779	(182) 80001 - 80715	01
	S1636-1	. CONTACT			AR
JC005	S1641-9	CONNECTOR - DIMMING CONTROL (ZONE 210)		(182) 80001 - 80715	01
	S1636-1	. ELECTRICAL SOCKET			01
	S1636-2	. SOCKET			01
JC007	S1641-9	CONNECTOR - ELECTRICAL/AVIONIC DISCONNECT (ZONE 224)		(182) 80001 - 80715	01
	S1636-1	. CONTACT			AR
JI003	S1641-9	CONNECTOR - DIMMING MODULE DISCONNECT (ZONE 210)		(182) 80001 - 80715	01
	S1636-1	. CONTACT			AR
	S1636-2	. CONTACT			AR
JI012	S1638-6	CONNECTOR - CONTROL PANEL DISCONNECT (ZONE 220)		(182) 80001 - 80715	01
	S1636-2	. CONTACT			AR
JI012	S1638-5	CONNECTOR - CENTER PANEL DISCONNECT (ZONE 220)		(182) 80001 - 80715	01
	S1636-2	. CONTACT			AR
JI033	S2349-3	CONNECTOR - MAINIFOLD PRESSURE/FUEL FLOW INDICATOR (ZONE 220)		(182) 80001 - 80715	01
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
	S2414-1	. KEYING PLUG			01
P1	S1640-6	CONNECTOR - DIMMING MODULE (ZONE 222)		(182) 80001 - 80715	01
	S1635-1	. CONTACT	V49367	(182) 08481 & ON (182) 81742 & ON	AR
PC001	S2350-10	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(182) 80001 - 80715	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PC003	S2035-1	CONNECTOR - PEDESTAL LIGHT DISCONNECT (ZONE 210)		(182) 80001 - 80715	01
	S1635-1	. CONTACT	V49367		AR
PC004	S2035-1	CONNECTOR - PEDESTAL LIGHT DISCONNECT (ZONE 210)		(182) 80001 - 80715	01
	S1635-1	. CONTACT	V49367		AR
PC005	S1640-9	CONNECTOR - DIMMING CONTROL MODULE DISCONNECT (ZONE 210)		(182) 80001 - 80715	01
	S1635-1	. CONTACT	V49367		AR
	S1635-2	. CONTACT		(182) 80945 & ON	AR
	S2099-4	. CONTACT	V00779		
PC007	S1640-9	CONNECTOR - ELECTRICAL/AVIONIC DISCONNECT (ZONE 610)		(182) 80001 - 80715	01
	S1635-1	. CONTACT	V49367		AR
PI012	S1638-4	CONNECTOR - CENTER PANEL DISCONNECT (ZONE 225)		(182) 80001 - 80715	01
	S1635-1	. CONTACT	V49367		AR
RI001	S2091-9	RESISTOR - GLARESHIELD/PEDESTAL LIGHTING (ZONE 224)		(182) 80001 - 80715	01
	S1995-6	. BUTTON			01
	S1995-5	. KNOB			01
	AN565B2H3	. SET SCREW			01
RI002	S2091-9	RESISTOR - RADIO/INSTRUMENT LIGHTING (ZONE 224)		(182) 80001 - 80715	01
	S1995-6	. BUTTON			01
	S1995-5	. KNOB			01
	AN565B2H3	. SET SCREW			01

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Figure 01 : Sheet 01 : INSTRUMENT DIMMING



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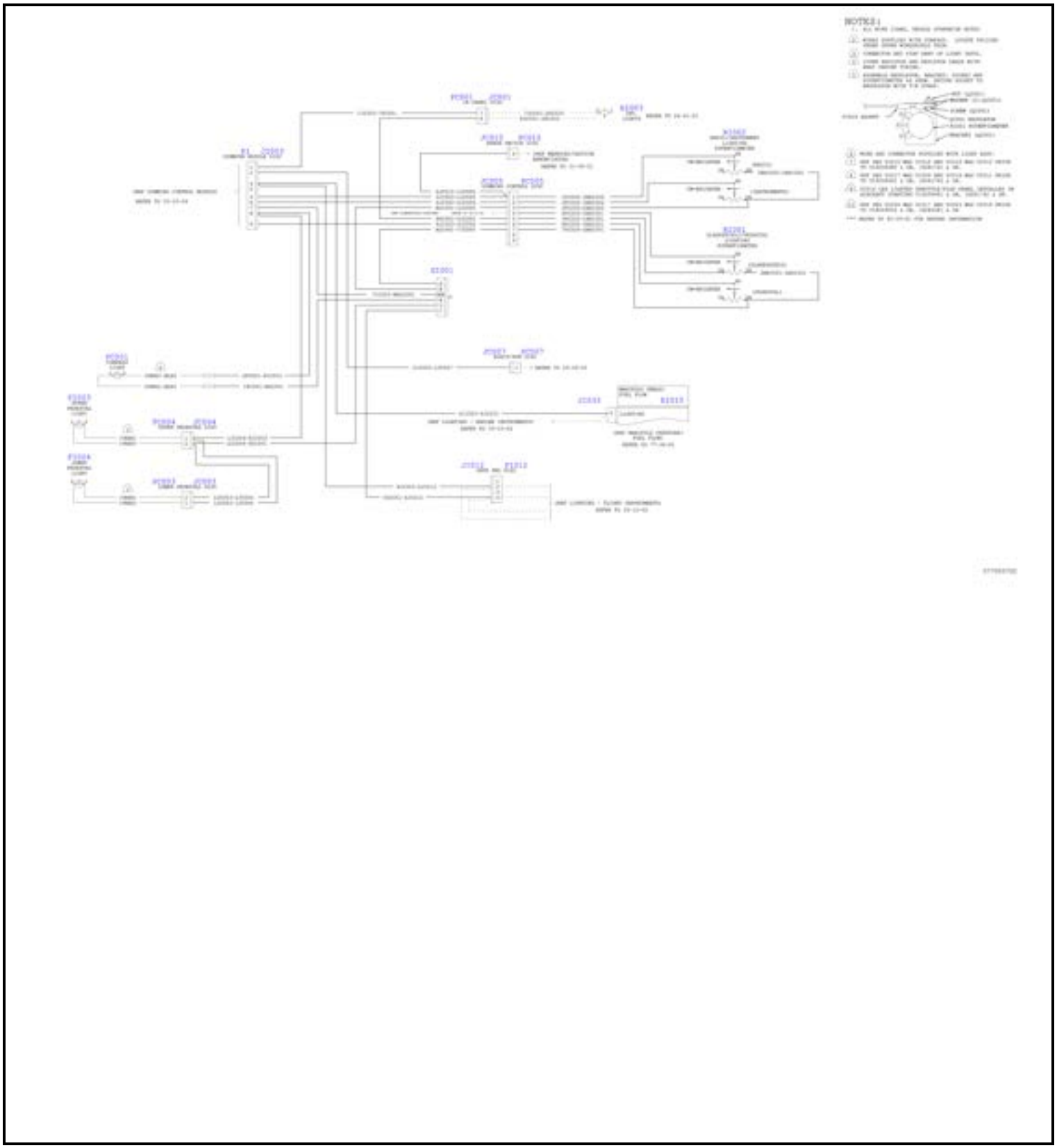
INSTRUMENT DIMMING

AIRPLANES (182) 80716 THRU 80944

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
EI015		INDICATOR - MANIFOLD PRESSURE/FUEL FLOW			RF
FC001		LIGHT - COMPASS (ZONE 211)			RF
FI003	MS25231-1829	LIGHT - UPPER PEDESTAL (ZONE 211)		(182) 80716 - 80944	01
FI004	MS25231-1829	LIGHT - LOWER PEDESTAL (ZONE 211)		(182) 80716 - 80944	02
GI001	200838-2	GROUND BLOCK (ZONE 211)	V00779	(182) 80716 - 80944	01
	S2099-13	. CONTACT			02
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
HI003	S1360-5L	CIRCUIT BREAKER (ZONE 224)		(182) 80716 - 80944	01
JC001	S2349-5	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(182) 80716 - 80944	01
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
JC003	S2035-2	CONNECTOR - LOWER PEDESTAL DISCONNECT (ZONE 210)	V00779	(182) 80716 - 80944	01
	S1636-1	. CONTACT			AR
JC004	S2035-2	CONNECTOR - UPPER PEDESTAL DISCONNECT (ZONE 210)	V00779	(182) 80716 - 80944	01
	S1636-1	. CONTACT			AR
JC005	S1641-9	CONNECTOR - DIMMING CONTROL (ZONE 210)		(182) 80716 - 80944	01
	S1636-1	. ELECTRICAL SOCKET			01
	S1636-2	. SOCKET			01
JC007	S1641-9	CONNECTOR - ELECTRICAL/AVIONIC DISCONNECT (ZONE 224)		(182) 80716 - 80944	01
	S1636-1	. CONTACT			AR
JC015	S1641-6	CONNECTOR - ANNUNICATOR SWITCH DISCONNECT (ZONE 225)		(182) 80716 - 80944	01
	S1636-1	. CONTACT			AR
	S1636-2	. CONTACT			AR
JI003	S1641-9	CONNECTOR - DIMMING MODULE DISCONNECT (ZONE 210)		(182) 80716 - 80944	01
	S1636-1	. CONTACT			AR
	S1636-2	. CONTACT			AR
JI012	S1638-5	CONNECTOR - CENTER PANEL DISCONNECT (ZONE 220)		(182) 80716 - 80944	01
	S1636-2	. CONTACT			AR
JI033	S2349-3	CONNECTOR - MAINIFOLD PRESSURE/FUEL FLOW INDICATOR (ZONE 220)		(182) 80716 - 80944	01
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
	S2414-1	. KEYING PLUG			01
P1	S1640-6	CONNECTOR - DIMMING MODULE (ZONE 222)		(182) 80716 - 80944	01
	S1635-1	. CONTACT	V49367	(182) 08481 & ON (182) 81742 & ON	AR
PC001	S2350-10	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(182) 80716 - 80944	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PC003	S2035-1	CONNECTOR - PEDESTAL LIGHT DISCONNECT (ZONE 210)		(182) 80716 - 80944	01
	S1635-1	. CONTACT	V49367		AR
PC004	S2035-1	CONNECTOR - PEDESTAL LIGHT DISCONNECT (ZONE 210)		(182) 80716 - 80944	01
	S1635-1	. CONTACT	V49367		AR
PC005	S1640-9	CONNECTOR - DIMMING CONTROL MODULE DISCONNECT (ZONE 210)		(182) 80716 - 80944	01
	S1635-1	. CONTACT	V49367		AR
	S1635-2	. CONTACT		(182) 80945 & ON	AR
	S2099-4	. CONTACT	V00779		
PC007	S1640-9	CONNECTOR - ELECTRICAL/AVIONIC DISCONNECT (ZONE 610)		(182) 80716 - 80944	01
	S1635-1	. CONTACT	V49367		AR
PC015	S1640-6	CONNECTOR - ANNUNICATOR SWITCH DISCONNECT (ZONE 225)		(182) 80716 - 80944	01
	S1635-1	. CONTACT	V49367		AR
	S1635-2	. CONTACT			AR
PI012	S1638-4	CONNECTOR - CENTER PANEL DISCONNECT (ZONE 225)		(182) 80716 - 80944	01
	S1635-1	. CONTACT	V49367		AR
RI001	S2091-9	RESISTOR - GLARESHIELD/PEDESTAL LIGHTING (ZONE 224)		(182) 80716 - 80944	01
	S1995-6	. BUTTON			01
	S1995-5	. KNOB			01
	AN565B2H3	. SET SCREW			01
RI002	S2091-9	RESISTOR - RADIO/INSTRUMENT LIGHTING (ZONE 224)		(182) 80716 - 80944	01
	S1995-6	. BUTTON			01
	S1995-5	. KNOB			01
	AN565B2H3	. SET SCREW			01

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Figure 02 : Sheet 01 : INSTRUMENT DIMMING



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INSTRUMENT DIMMING

AIRPLANES (182) 80945 & ON AND AIRPLANES (T182) 08001 & ON WITHOUT NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
FC001		LIGHT - COMPASS (ZONE 211)			RF
FI003	MS25231-1829	LIGHT - UPPER PEDESTAL (ZONE 211)		(182) 80945 & ON (T182) 08001 & ON	01
FI004	MS25231-1819	LIGHT - LOWER PEDESTAL (ZONE 211)		(182) 80945 & ON (T182) 08001 & ON	02
FI005		LIGHT ASSEMBLY - CENTER PEDESTAL			RF
FI008		LIGHT - AIRCRAFT IDENTIFICATION			RF
GI001	200838-2	GROUND BLOCK (ZONE 211)	V00779	(182) 80945 & ON (T182) 08001 & ON	01
	S2099-13	. CONTACT			02
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
HI003	S1360-5L	CIRCUIT BREAKER (ZONE 224)		(182) 80945 & ON (T182) 08001 & ON	01
HI015	S1360-5L	CIRCUIT BREAKER (ZONE 224)		(182) 80945 & ON (T182) 08001 & ON	01
JC001	S2349-5	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(182) 80945 & ON (T182) 08001 & ON	01
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
JC002	S2035-2	CONNECTOR - CENTER PEDESTAL DISCONNECT (ZONE 210)	V00779	(182) 80945 & ON (T182) 08001 & ON	01
	S1636-1	. CONTACT			01
JC003	S2035-2	CONNECTOR - LOWER PEDESTAL DISCONNECT (ZONE 210)	V00779	(182) 80945 & ON (T182) 08001 & ON	01
	S1636-1	. CONTACT			AR
JC004	S2035-2	CONNECTOR - UPPER PEDESTAL DISCONNECT (ZONE 210)	V00779	(182) 80945 & ON (T182) 08001 & ON	01
	S1636-1	. CONTACT			AR
JC005	S1641-9	CONNECTOR - DIMMING CONTROL (ZONE 210)		(182) 80945 & ON (T182) 08001 & ON	01
	S1636-1	. ELECTRICAL SOCKET			01
	S1636-2	. SOCKET			01
JC007	S1641-9	CONNECTOR - ELECTRICAL/AVIONIC DISCONNECT (ZONE 224)		(182) 80945 & ON (T182) 08001 & ON	01
	S1636-1	. CONTACT			AR
JC015	S1641-6	CONNECTOR - ANNUNICATOR SWITCH DISCONNECT (ZONE 225)		(182) 80945 & ON (T182) 08001 & ON	01
	S1636-1	. CONTACT			AR
	S1636-2	. CONTACT			AR
JI003	S1641-9	CONNECTOR - DIMMING MODULE DISCONNECT (ZONE 210)		(182) 80945 & ON (T182) 08001 & ON	01
	S1636-1	. CONTACT			AR
	S1636-2	. CONTACT			AR
JI012	S1638-5	CONNECTOR - CENTER PANEL DISCONNECT (ZONE 220)		(182) 80945 & ON (T182) 08001 & ON	01
	S1636-2	. CONTACT			AR
JI012	S1638-6	CONNECTOR - CONTROL PANEL DISCONNECT (ZONE 220)		(182) 80945 & ON (T182) 08001 & ON	01
	S1636-2	. CONTACT			AR
JI035	S3556-2	CONNECTOR - AIRCRAFT IDENTIFICATION PLACARD DISCONNECT (ZONE 224)		(182) 80945 & ON (T182) 08001 & ON	01
	S3556-25	. CONTACT			AR
P1	S1640-6	CONNECTOR - DIMMING MODULE (ZONE 222)		(182) 80945 & ON (T182) 08001 & ON	01
	S1635-1	. CONTACT	V49367	(182) 08481 & ON (182) 81742 & ON	AR
PC001	S2350-10	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(182) 80945 & ON (T182) 08001 & ON	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PC002	S2035-1	CONNECTOR - CENTER PEDESTAL DISCONNECT		(182) 80945 & ON (T182) 08001 & ON	01
	S1635-1	. CONTACT	V49367		01
PC003	S2035-1	CONNECTOR - PEDESTAL LIGHT DISCONNECT (ZONE 210)		(182) 80945 & ON (T182) 08001 & ON	01
	S1635-1	. CONTACT	V49367		AR
PC004	S2035-1	CONNECTOR - PEDESTAL LIGHT DISCONNECT (ZONE 210)		(182) 80945 & ON (T182) 08001 & ON	01
	S1635-1	. CONTACT	V49367		AR
PC005	S1640-9	CONNECTOR - DIMMING CONTROL MODULE DISCONNECT (ZONE 210)		(182) 80945 & ON (T182) 08001 & ON	01
	S1635-1	. CONTACT	V49367		AR

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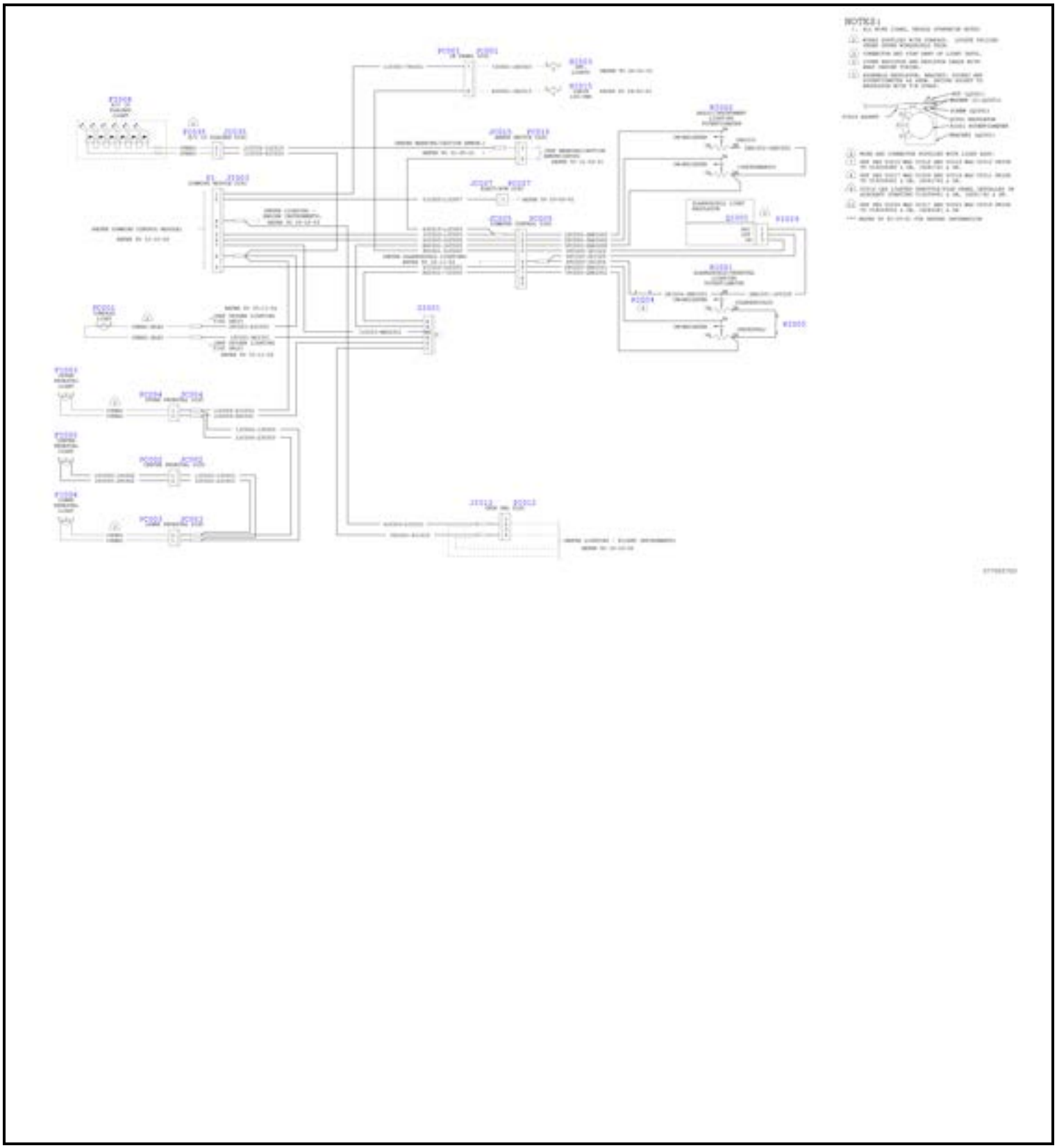
INSTRUMENT DIMMING

AIRPLANES (182) 80945 & ON AND AIRPLANES (T182) 08001 & ON WITHOUT NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
	S1635-2	. CONTACT		(182) 80945 & ON	AR
	S2099-4	. CONTACT	V00779		
PC007	S1640-9	CONNECTOR - ELECTRICAL/AVIONIC DISCONNECT (ZONE 610)		(182) 80945 & ON (T182) 08001 & ON	01
	S1635-1	. CONTACT	V49367		AR
PC015	S1640-6	CONNECTOR - ANNUNICATOR SWITCH DISCONNECT (ZONE 225)		(182) 80945 & ON (T182) 08001 & ON	01
	S1635-1	. CONTACT	V49367		AR
	S1635-2	. CONTACT			AR
PI012	S1638-4	CONNECTOR - CENTER PANEL DISCONNECT (ZONE 225)		(182) 80945 & ON (T182) 08001 & ON	01
	S1635-1	. CONTACT	V49367		AR
PI029	08-50-0114	TERMINAL - GLARESHIELD LIGHT REGULATOR (ZONE 211)	V27264	(182) 80945 & ON (T182) 08001 & ON	01
	10-17-2032	. CONTACT	V27264		01
PI035	S3556-9	CONNECTOR - AIRCRAFT ID PLACARD LIGHT DISCONNECT (ZONE 224)		(182) 80945 & ON (T182) 08001 & ON	01
	S3556-21	. CONTACT			AR
QI001		REGULATOR VOLTAGE - ADJUSTABLE			RF
RI001	S2091-9	RESISTOR - GLARESHIELD/PEDESTAL LIGHTING (ZONE 224)		(182) 80945 & ON (T182) 08001 & ON	01
	S1995-6	. BUTTON			01
	S1995-5	. KNOB			01
	AN565B2H3	. SET SCREW			01
RI002	S2091-9	RESISTOR - RADIO/INSTRUMENT LIGHTING (ZONE 224)		(182) 80945 & ON (T182) 08001 & ON	01
	S1995-6	. BUTTON			01
	S1995-5	. KNOB			01
	AN565B2H3	. SET SCREW			01
RI004	CCF-552611F	RESISTOR (ZONE 224)	V91637	(182) 80945 & ON (T182) 08001 & ON	01
RI005	CCF-553740F	RESISTOR (ZONE 224)	V91637	(182) 80945 & ON (T182) 08001 & ON	01

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Figure 03 : Sheet 01 : INSTRUMENT DIMMING



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INSTRUMENT DIMMING W/NAV III

AIRPLANES (182) 81318 THRU 82045 AND AIRPLANES (T182) 08232 THRU 08806 WITH NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
FC001		LIGHT - COMPASS (ZONE 211)			RF
FI003	MS25231-1829	LIGHT - UPPER PEDESTAL (ZONE 211)		(182) 81318 - 82045 (T182) 08232 - 08806	01
FI004	MS25231-1819	LIGHT - LOWER PEDESTAL (ZONE 211)		(182) 81318 - 82045 (T182) 08232 - 08806	02
FI005		LIGHT ASSEMBLY - CENTER PEDESTAL			RF
GI001	200838-2	GROUND BLOCK (ZONE 211)	V00779	(182) 81318 - 82045 (T182) 08232 - 08806	01
	S2099-13	. CONTACT			02
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
J1		CONNECTOR - LED SWITCH PANEL DISCONNECT (ZONE 121)			RF
JC002	S2035-2	CONNECTOR - CENTER PEDESTAL DISCONNECT (ZONE 210)	V00779	(182) 81318 - 82045 (T182) 08232 - 08806	01
	S1636-1	. CONTACT			01
JC003	S2035-2	CONNECTOR - LOWER PEDESTAL DISCONNECT (ZONE 210)	V00779	(182) 81318 - 82045 (T182) 08232 - 08806	01
	S1636-1	. CONTACT			AR
JC004	S2035-2	CONNECTOR - UPPER PEDESTAL DISCONNECT (ZONE 210)	V00779	(182) 81318 - 82045 (T182) 08232 - 08806	01
	S1636-1	. CONTACT			AR
JC005	S1641-9	CONNECTOR - DIMMING CONTROL (ZONE 210)		(182) 81318 - 82045 (T182) 08232 - 08806	01
	S1636-1	. ELECTRICAL SOCKET			01
	S1636-2	. SOCKET			01
JC024	S2350-4	RECEPTACLE (ZONE 220)	V00779	(182) 81318 & ON (T182) 08232 & ON	01
	S2353-4	. CONTACT			01
	S2353-5	. PIN			01
JC031	S2350-4	RECEPTACLE - ELECTRICAL/AVIONIC DISCONNECT	V00779	(182) 81318 - 82045 (T182) 08232 - 08806	01
	S2353-5	. PIN			AR
JI003	S1641-9	CONNECTOR - DIMMING MODULE DISCONNECT (ZONE 210)		(182) 81318 - 82045 (T182) 08232 - 08806	01
	S1636-1	. CONTACT			AR
	S1636-2	. CONTACT			AR
P1	S1640-6	CONNECTOR - DIMMING MODULE (ZONE 222)		(182) 81318 - 82045 (T182) 08232 - 08806	01
	S1635-1	. CONTACT	V49367	(182) 08481 & ON (182) 81742 & ON	AR
PC002	S2035-1	CONNECTOR - CENTER PEDESTAL DISCONNECT		(182) 81318 - 82045 (T182) 08232 - 08806	01
	S1635-1	. CONTACT	V49367		01
PC003	S2035-1	CONNECTOR - PEDESTAL LIGHT DISCONNECT (ZONE 210)		(182) 81318 - 82045 (T182) 08232 - 08806	01
	S1635-1	. CONTACT	V49367		AR
PC004	S2035-1	CONNECTOR - PEDESTAL LIGHT DISCONNECT (ZONE 210)		(182) 81318 - 82045 (T182) 08232 - 08806	01
	S1635-1	. CONTACT	V49367		AR
PC005	S1640-9	CONNECTOR - DIMMING CONTROL MODULE DISCONNECT (ZONE 210)		(182) 81318 - 82045 (T182) 08232 - 08806	01
	S1635-1	. CONTACT	V49367		AR
	S1635-2	. CONTACT		(182) 80945 & ON	AR
	S2099-4	. CONTACT	V00779		
PC024	S2349-3	PLUG (ZONE 220)		(182) 81318 & ON (T182) 08232 & ON	01
	S2099-3	. CONTACT			01
	S2099-4	. CONTACT	V00779		01
PC031	S2349-3	CONNECTOR - ELECTRICAL/AVIONIC DISCONNECT (ZONE 220)		(182) 81318 - 82045 (T182) 08232 - 08806	01
	S2099-2	. CONTACT - ALT FOR S2099-4			01
	S2099-4	. CONTACT	V00779		01
PI039	S1636-2	SOCKET (ZONE 220)		(182) 81318 - 82045 (T182) 08232 - 08806	01
PI040	S2035-2	CONNECTOR - LED CIRCUIT BREAKER PANEL DISCONNECT (ZONE 220)	V00779	(182) 81318 - 82045 (T182) 08232 - 08806	01
	S1636-2	. CONTACT			01
PI041	08-50-0114	TERMINAL - LED PANEL LIGHT REGULATOR (ZONE 220)	V27264	(182) 81318 - 82045 (T182) 08232 - 08806	01
	10-17-2032	. CONTACT	V27264		01
QI002		REGULATOR VOLTAGE - ADJUSTABLE			RF

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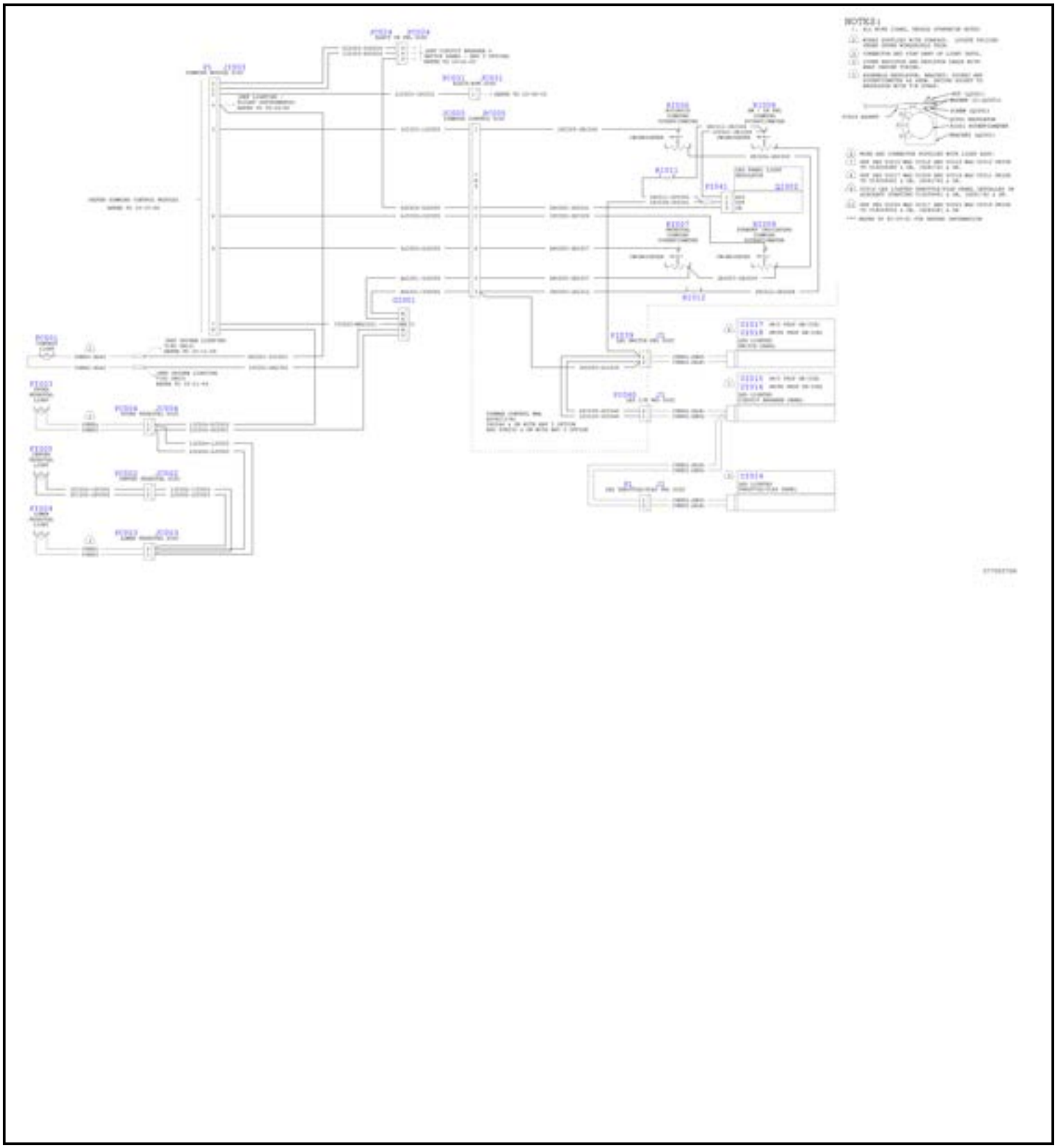
INSTRUMENT DIMMING W/NAV III

AIRPLANES (182) 81318 THRU 82045 AND AIRPLANES (T182) 08232 THRU 08806 WITH NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
RI006	S1904-5	RESISTOR - AVIONICS DIMMING (ZONE 220)		(182) 81318 - 82045 (T182) 08232 - 08806	01
RI007	S1904-5	RESISTOR - PEDESTAL DIMMING (ZONE 220)		(182) 81318 - 82045 (T182) 08232 - 08806	01
RI008	S1904-5	RESISTOR - SWITCH/CIRCUIT BREAKER PANEL DIMMING (ZONE 220)		(182) 81318 - 82045 (T182) 08232 - 08806	01
RI009	S1904-5	RESISTOR - STANDBY INDICATORS DIMMING (ZONE 220)		(182) 81318 - 82045 (T182) 08232 - 08806	01
RI011	CCF-553740F	RESISTOR	V91637	(182) 81318 - 82045 (T182) 08232 - 08806	01
RI012	CCF-553740F	RESISTOR (ZONE 220)	V91637	(182) 81318 - 82045 (T182) 08232 - 08806	01
UI014		SWITCH PANEL - LED LIGHTED			RF
UI015		SWITCH PANEL - LED LIGHTED			RF
UI016		SWITCH PANEL - LED LIGHTED			RF
UI017		SWITCH PANEL - LED LIGHTED			RF
UI018		SWITCH PANEL - LED LIGHTED			RF

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Figure 04 : Sheet 01 : INSTRUMENT DIMMING W/NAV III



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INSTRUMENT DIMMING W/NAV III

AIRPLANES (182) 82046 THRU 83134 WITH NAV III OPTION AND AIRPLANES (T182) 08807 & ON WITH NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
FC001		LIGHT - COMPASS (ZONE 211)			RF
FC014		LIGHT - PEDESTAL FUEL SELECT			RF
FC015		LIGHT - PEDESTAL TRIM			RF
GI001	200838-2	GROUND BLOCK (ZONE 211)	V00779	(182) 82046 - 83134 (T182) 08807 & ON	01
	S2099-13	. CONTACT			02
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
J1		CONNECTOR - LED SWITCH PANEL DISCONNECT (ZONE 121)			RF
JC005	S1641-9	CONNECTOR - DIMMING CONTROL (ZONE 210)		(182) 82046 - 83134 (T182) 08807 & ON	01
	S1636-1	. ELECTRICAL SOCKET			01
	S1636-2	. SOCKET			01
JC024	S2350-4	RECEPTACLE (ZONE 220)	V00779	(182) 81318 & ON (T182) 08232 & ON	01
	S2353-4	. CONTACT			01
	S2353-5	. PIN			01
JC031	S2350-4	RECEPTACLE - ELECTRICAL/AVIONIC DISCONNECT	V00779	(182) 82046 - 83134 (T182) 08807 & ON	01
	S2353-5	. PIN			AR
P1	S1640-6	CONNECTOR - DIMMING MODULE (ZONE 222)		(182) 82046 - 83134 (T182) 08807 & ON	01
	S1635-1	. CONTACT	V49367	(182) 08481 & ON (182) 81742 & ON	AR
PC005	S1640-9	CONNECTOR - DIMMING CONTROL MODULE DISCONNECT (ZONE 210)		(182) 82046 - 83134 (T182) 08807 & ON	01
	S1635-1	. CONTACT	V49367		AR
	S1635-2	. CONTACT		(182) 80945 & ON	AR
	S2099-4	. CONTACT	V00779		
PC024	S2349-3	PLUG (ZONE 220)		(182) 81318 & ON (T182) 08232 & ON	01
	S2099-3	. CONTACT			01
	S2099-4	. CONTACT	V00779		01
PC031	S2349-3	CONNECTOR - ELECTRICAL/AVIONIC DISCONNECT (ZONE 220)		(182) 82046 - 83134 (T182) 08807 & ON	01
	S2099-2	. CONTACT - ALT FOR S2099-4			01
	S2099-4	. CONTACT	V00779		01
PC038	S1638-1	CONNECTOR - PEDESTAL FUEL SELECT LIGHT		(182) 82046 - 83134 (T182) 08807 & ON	01
	S1636-1	. SOCKET			AR
PC039	S2035-2	CONNECTOR - PEDESTAL TRIM LIGHT	V00779	(182) 82046 - 83134 (T182) 08807 & ON	01
	S1636-1	. SOCKET			AR
PI039	S1636-2	SOCKET (ZONE 220)		(182) 82046 - 83134 (T182) 08807 & ON	01
PI040	S2035-2	CONNECTOR - LED CIRCUIT BREAKER PANEL DISCONNECT (ZONE 220)	V00779	(182) 82046 - 83134 (T182) 08807 & ON	01
	S1636-2	. CONTACT			01
PI041	08-50-0114	TERMINAL - LED PANEL LIGHT REGULATOR (ZONE 220)	V27264	(182) 82046 - 83134 (T182) 08807 & ON	01
	10-17-2032	. CONTACT	V27264		01
PI045	S2349-3	CONNECTOR - DIMMING MODULE DISCONNECT (ZONE 210)		(182) 82046 - 83134 (T182) 08807 & ON	01
	S2099-4	. CONTACT	V00779		AR
PI047	S1638-1	CONNECTOR		(182) 82046 - 83134 (T182) 08807 & ON	01
	S1636-1	. SOCKET			AR
QI002		REGULATOR VOLTAGE - ADJUSTABLE			RF
RI006	S1904-5	RESISTOR - AVIONICS DIMMING (ZONE 220)		(182) 82046 - 83134 (T182) 08807 & ON	01
RI007	S1904-5	RESISTOR - PEDESTAL DIMMING (ZONE 220)		(182) 82046 - 83134 (T182) 08807 & ON	01
RI008	S1904-5	RESISTOR - SWITCH/CIRCUIT BREAKER PANEL DIMMING (ZONE 220)		(182) 82046 - 83134 (T182) 08807 & ON	01
RI009	S1904-5	RESISTOR - STANDBY INDICATORS DIMMING (ZONE 220)		(182) 82046 - 83134 (T182) 08807 & ON	01
RI011	CCF-553740F	RESISTOR	V91637	(182) 82046 - 83134 (T182) 08807 & ON	01
RI012	CCF-553740F	RESISTOR (ZONE 220)	V91637	(182) 82046 - 83134 (T182) 08807 & ON	01
UI014		SWITCH PANEL - LED LIGHTED			RF
UI015		SWITCH PANEL - LED LIGHTED			RF

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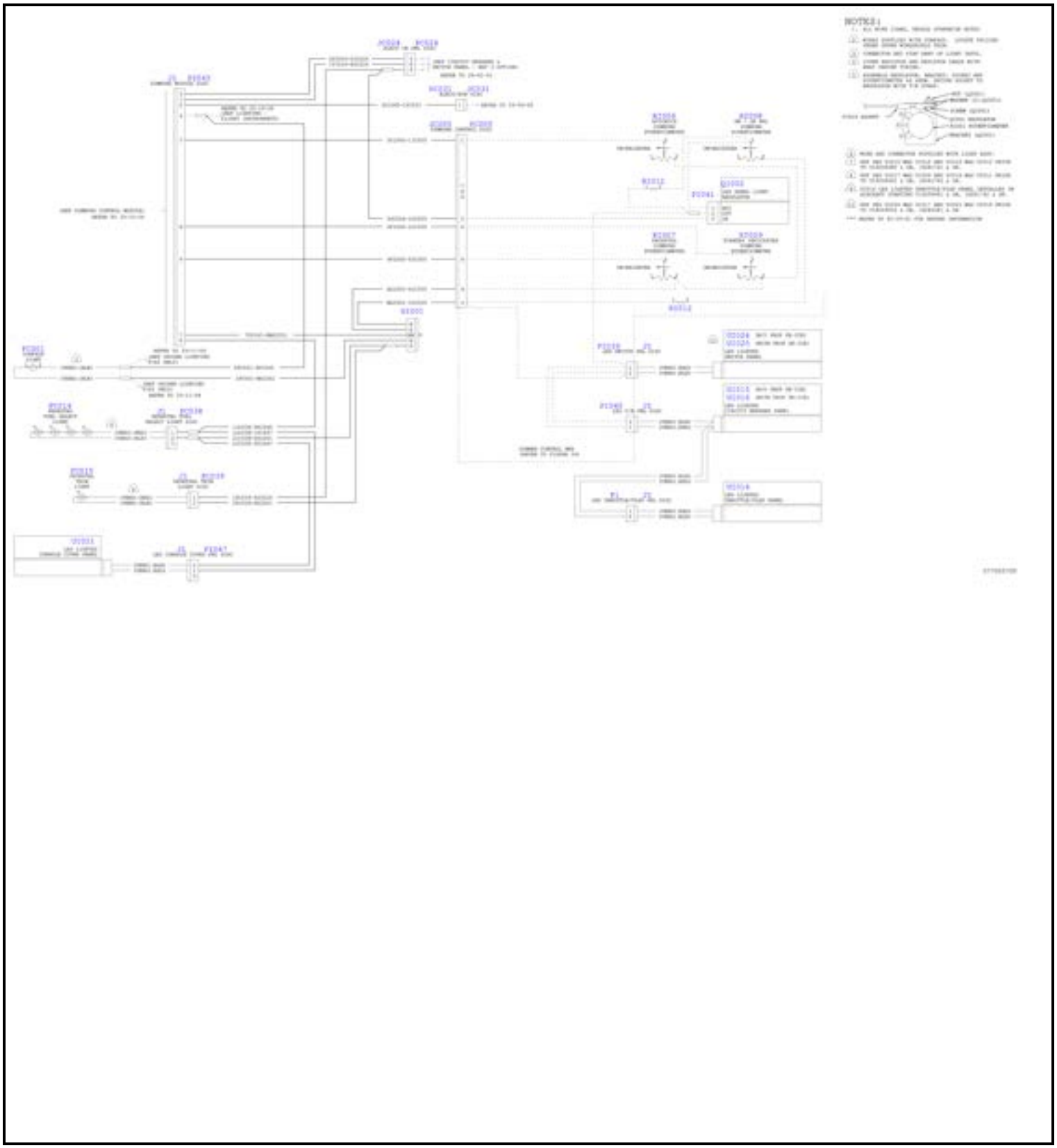
INSTRUMENT DIMMING W/NAV III

AIRPLANES (182) 82046 THRU 83134 WITH NAV III OPTION AND AIRPLANES (T182) 08807 & ON WITH NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	EFFECTIVITY	UNITS PER ASSY
UI016		SWITCH PANEL - LED LIGHTED		RF
UI021		CONSOLE COVER - LED PANEL		RF
UI024		SWITCH PANEL - LED LIGHTED		RF
UI025		SWITCH PANEL - LED LIGHTED		RF

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Figure 05 : Sheet 01 : INSTRUMENT DIMMING W/NAV III



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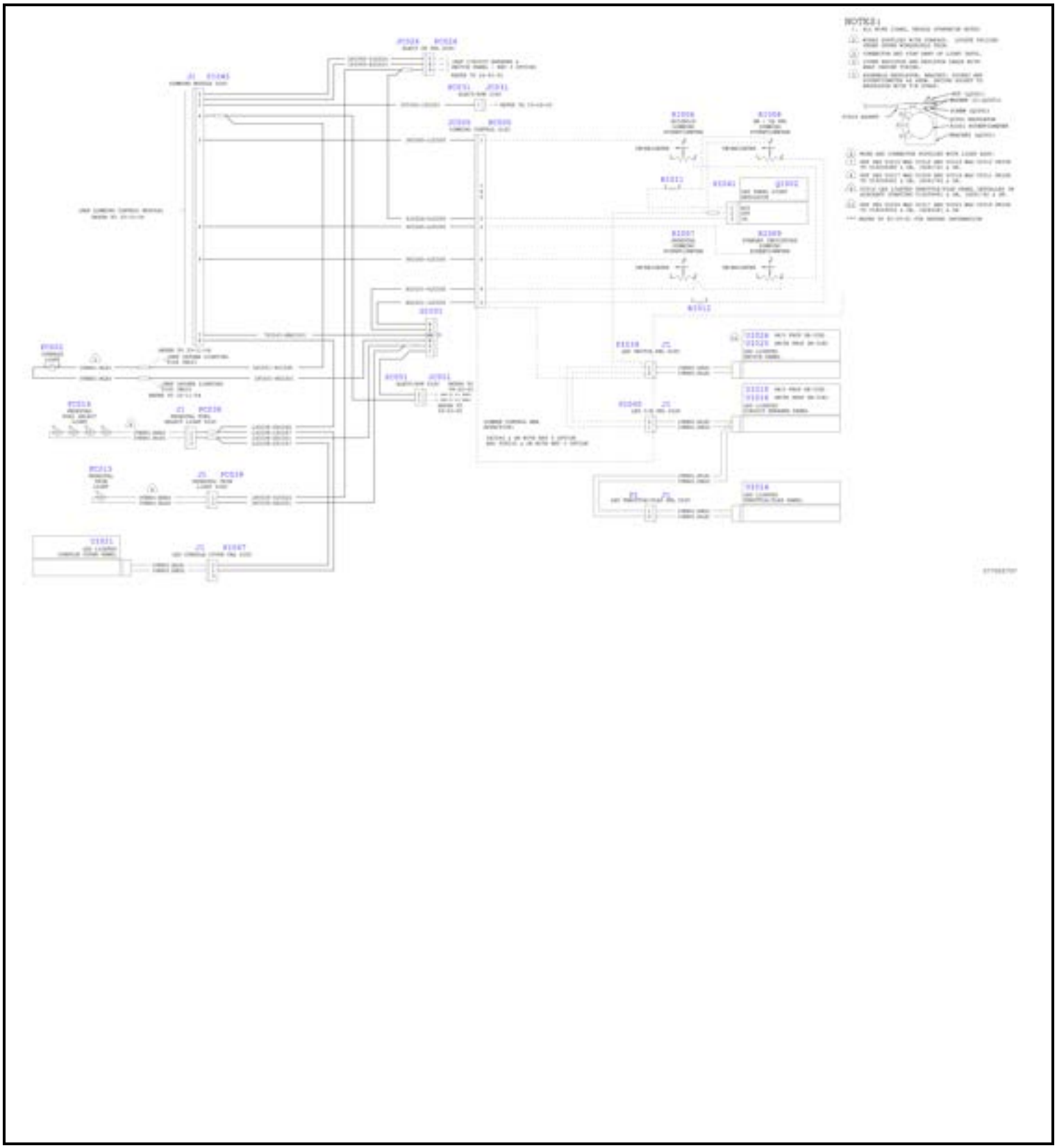
INSTRUMENT DIMMING W/NAV III

AIRPLANES (182) 83135 & ON WITH NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
FC001		LIGHT - COMPASS (ZONE 211)			RF
FC014		LIGHT - PEDESTAL FUEL SELECT			RF
FC015		LIGHT - PEDESTAL TRIM			RF
GI001	200838-2	GROUND BLOCK (ZONE 211)	V00779	(182) 83135 & ON	01
	S2099-13	. CONTACT			02
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
J1	S2035-1	HOUSING - POWER JUNCTION BOX DISCONNECT		(182) 83135 & ON	01
	S1635-1	. PIN	V49367		AR
JC005	S1641-9	CONNECTOR - DIMMING CONTROL (ZONE 210)		(182) 83135 & ON	01
	S1636-1	. ELECTRICAL SOCKET			01
	S1636-2	. SOCKET			01
JC024	S2350-4	RECEPTACLE (ZONE 220)	V00779	(182) 81318 & ON (T182) 08232 & ON	01
	S2353-4	. CONTACT			01
	S2353-5	. PIN			01
JC031	S2350-4	RECEPTACLE - ELECTRICAL/AVIONIC DISCONNECT	V00779	(182) 83135 & ON	01
	S2353-5	. PIN			AR
JC051	S2350-2	CONNECTOR		(182) 83135 & ON	01
	S2351-2	. BACKSHELL	V00779		01
	S2353-5	. PIN			02
P1	S1640-9	CONNECTOR - DIMMING MODULE		(182) 83135 & ON	01
	S1635-1	. CONTACT	V49367		09
PC005	S1640-9	CONNECTOR - DIMMING CONTROL MODULE DISCONNECT (ZONE 210)		(182) 83135 & ON	01
	S1635-1	. CONTACT	V49367		AR
	S1635-2	. CONTACT		(182) 80945 & ON	AR
	S2099-4	. CONTACT	V00779		
PC024	S2349-3	PLUG (ZONE 220)		(182) 81318 & ON (T182) 08232 & ON	01
	S2099-3	. CONTACT			01
	S2099-4	. CONTACT	V00779		01
PC031	S2349-3	CONNECTOR - ELECTRICAL/AVIONIC DISCONNECT (ZONE 220)		(182) 83135 & ON	01
	S2099-2	. CONTACT - ALT FOR S2099-4			01
	S2099-4	. CONTACT	V00779		01
PC038	S1638-1	CONNECTOR - PEDESTAL FUEL SELECT LIGHT		(182) 83135 & ON	01
	S1636-1	. SOCKET			AR
PC039	S2035-2	CONNECTOR - PEDESTAL TRIM LIGHT	V00779	(182) 83135 & ON	01
	S1636-1	. SOCKET			AR
PC051	S2349-2	PLUG	V00779	(182) 83135 & ON	01
	S2099-4	. CONTACT	V00779		02
PI039	S1636-2	SOCKET (ZONE 220)		(182) 83135 & ON	01
PI040	S2035-2	CONNECTOR - LED CIRCUIT BREAKER PANEL DISCONNECT (ZONE 220)	V00779	(182) 83135 & ON	01
	S1636-2	. CONTACT			01
PI041	08-50-0114	TERMINAL - LED PANEL LIGHT REGULATOR (ZONE 220)	V27264	(182) 83135 & ON	01
	10-17-2032	. CONTACT	V27264		01
PI045	S2349-3	CONNECTOR - DIMMING MODULE DISCONNECT (ZONE 210)		(182) 83135 & ON	01
	S2099-4	. CONTACT	V00779		AR
PI047	S1638-1	CONNECTOR		(182) 83135 & ON	01
	S1636-1	. SOCKET			AR
QI002		REGULATOR VOLTAGE - ADJUSTABLE			RF
RI006	S1904-5	RESISTOR - AVIONICS DIMMING (ZONE 220)		(182) 83135 & ON	01
RI007	S1904-5	RESISTOR - PEDESTAL DIMMING (ZONE 220)		(182) 83135 & ON	01
RI008	S1904-5	RESISTOR - SWITCH/CIRCUIT BREAKER PANEL DIMMING (ZONE 220)		(182) 83135 & ON	01
RI009	S1904-5	RESISTOR - STANDBY INDICATORS DIMMING (ZONE 220)		(182) 83135 & ON	01
RI011	CCF-553740F	RESISTOR	V91637	(182) 83135 & ON	01
RI012	CCF-552611F	RESISTOR	V91637	(182) 83135 & ON	01
UI014		SWITCH PANEL - LED LIGHTED			RF
UI015		SWITCH PANEL - LED LIGHTED			RF
UI016		SWITCH PANEL - LED LIGHTED			RF
UI021		CONSOLE COVER - LED PANEL			RF
UI024		SWITCH PANEL - LED LIGHTED			RF
UI025		SWITCH PANEL - LED LIGHTED			RF

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Figure 06 : Sheet 01 : INSTRUMENT DIMMING W/NAV III



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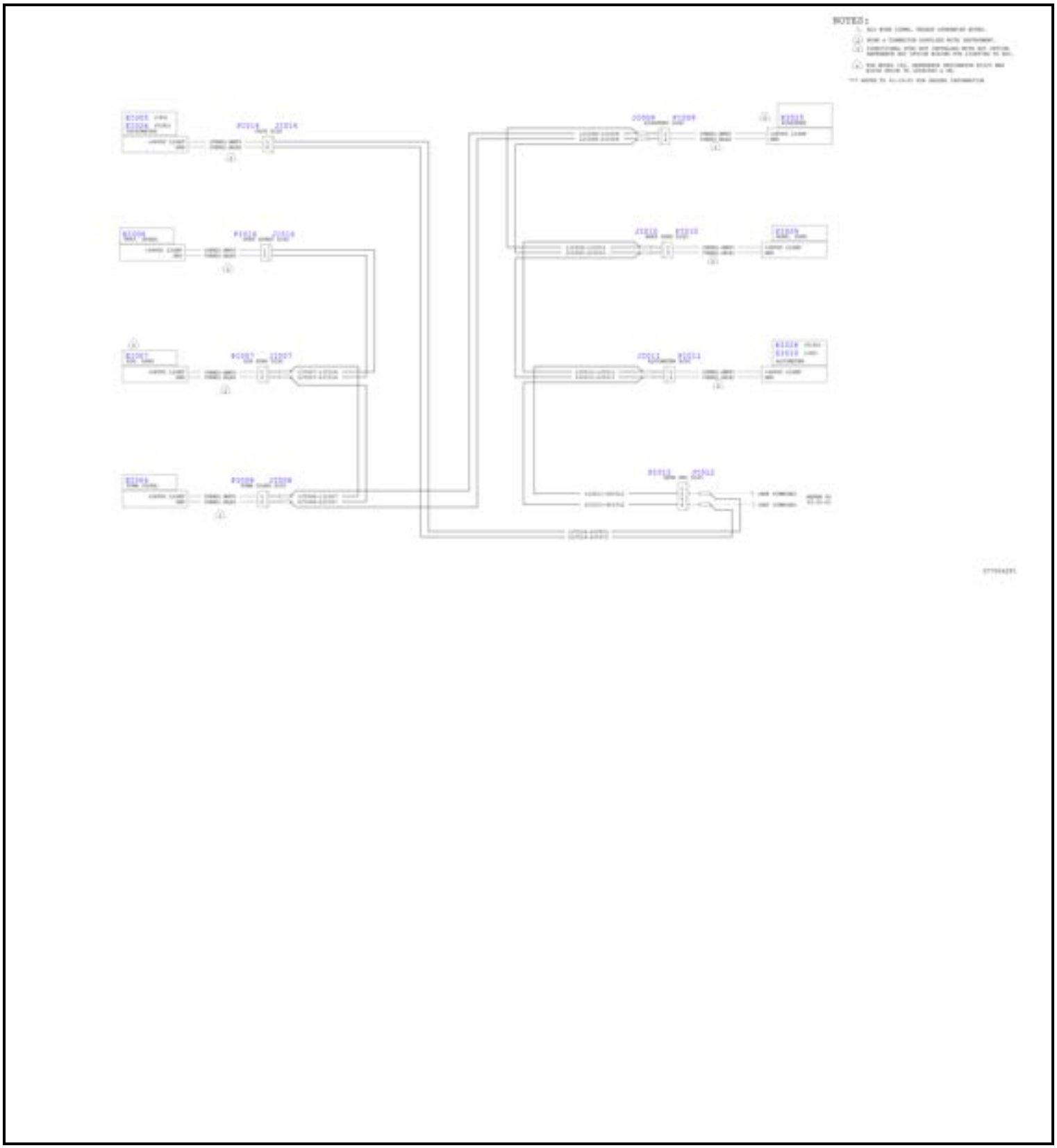
LIGHTING FLIGHT INSTRUMENTS

AIRPLANES (182) 80001 & ON AND AIRPLANES (T182) 08001 & ON WITHOUT NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
EI004		INDICATOR - TURN COORDINATOR			RF
EI005		INDICATOR - TACHOMETER			RF
EI006		INDICATOR - VERTICAL SPEED			RF
EI007		INDICATOR - DIRECTIONAL GYRO			RF
EI009		INDICATOR - HORIZONTAL GYRO			RF
EI010		INDICATOR - ALTIMETER			RF
EI025		INDICATOR - AIRSPEED			RF
EI026		INDICATOR - TACHOMETER			RF
EI028		INDICATOR - ALTIMETER			RF
JI007	S2035-2	CONNECTOR (ZONE 220)	V00779	(182) 80001 & ON (T182) 08001 & ON	01
	S1636-2	. CONTACT			AR
JI008	S2035-2	CONNECTOR (ZONE 220)	V00779	(182) 80001 & ON (T182) 08001 & ON	01
	S1636-2	. CONTACT			AR
JI009	S2035-2	CONNECTOR - AIRSPEED INDICATOR (ZONE 220)	V00779	(182) 80001 & ON (T182) 08001 & ON	01
	S1636-2	. CONTACT			AR
JI010	S2035-2	CONNECTOR - HORIZON GYRO (ZONE 220)	V00779	(182) 80001 & ON (T182) 08001 & ON	01
	S1636-2	. CONTACT			AR
JI011	S2035-2	CONNECTOR - ALTIMETER (ZONE 220)	V00779	(182) 80001 & ON (T182) 08001 & ON	01
	S1636-1	. CONTACT			02
	S1636-2	. CONTACT			AR
JI012	S1638-5	CONNECTOR - CENTER PANEL DISCONNECT (ZONE 220)		(182) 80001 & ON (T182) 08001 & ON	01
	S1636-2	. CONTACT			AR
JI012	S1638-6	CONNECTOR - CONTROL PANEL DISCONNECT (ZONE 220)		(182) 80001 & ON (T182) 08001 & ON	01
	S1636-2	. CONTACT			AR
JI014	S2035-2	CONNECTOR - TACHOMETER (ZONE 220)	V00779	(182) 80001 & ON (T182) 08001 & ON	01
	S1636-1	. CONTACT			AR
JI016	S2035-2	CONNECTOR - VERTICAL SPEED INDICATOR (ZONE 220)	V00779	(182) 80001 & ON (T182) 08001 & ON	01
	S1636-1	. CONTACT			AR
PI007	S2035-1	CONNECTOR - DIRECTIONAL GYRO (ZONE 220)		(182) 80001 & ON (T182) 08001 & ON	01
	S1635-1	. CONTACT	V49367		AR
PI008	S2035-1	CONNECTOR - TURN COORDINATOR (ZONE 220)		(182) 80001 & ON (T182) 08001 & ON	01
	S1635-1	. CONTACT	V49367		AR
PI009	S2035-1	CONNECTOR - AIRSPEED INDICATOR (ZONE 220)		(182) 80001 & ON (T182) 08001 & ON	01
	S1635-1	. CONTACT	V49367		AR
PI010	S2035-1	CONNECTOR - HORIZON GYRO (ZONE 220)		(182) 80001 & ON (T182) 08001 & ON	01
	S1635-1	. CONTACT	V49367		AR
PI011	S2035-1	CONNECTOR - ALTIMETER (ZONE 220)		(182) 80001 & ON (T182) 08001 & ON	01
PI012	S1638-4	CONNECTOR - CENTER PANEL DISCONNECT (ZONE 225)		(182) 80001 & ON (T182) 08001 & ON	01
	S1635-1	. CONTACT	V49367		AR
PI014	S2035-1	CONNECTOR - VERTICAL SPEED INDICATOR (ZONE 220)		(182) 80001 & ON (T182) 08001 & ON	01
	S1635-1	. CONTACT	V49367		AR
PI016	S2035-1	CONNECTOR - TACHOMETER (ZONE 220)		(182) 80001 & ON (T182) 08001 & ON	01
	S1635-1	. CONTACT	V49367		AR

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Figure 01 : Sheet 01 : LIGHTING FLIGHT INSTRUMENTS



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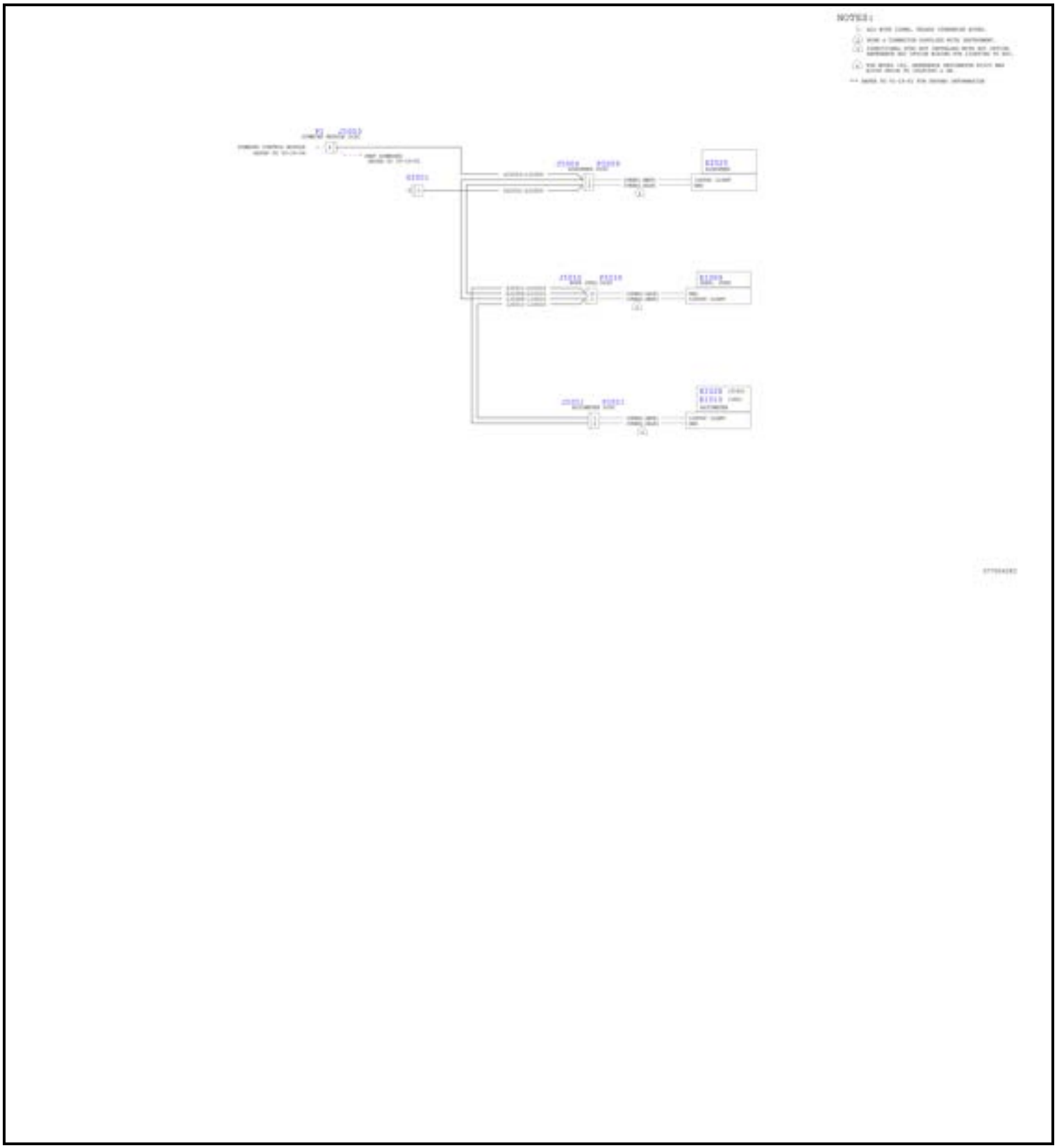
LIGHTING FLIGHT INSTRUMENTS W/NAV III

AIRPLANES (182) 81318 THRU 82045 AND AIRPLANES (T182) 08232 THRU 08806 WITH NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
EI009		INDICATOR - HORIZONTAL GYRO			RF
EI010		INDICATOR - ALTIMETER			RF
EI025		INDICATOR - AIRSPEED			RF
EI028		INDICATOR - ALTIMETER			RF
GI001	200838-2	GROUND BLOCK (ZONE 211)	V00779	(182) 81318 - 82045 (T182) 08232 - 08806	01
	S2099-13	. CONTACT			02
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
JI003	S1641-9	CONNECTOR - DIMMING MODULE DISCONNECT (ZONE 210)		(182) 81318 - 82045 (T182) 08232 - 08806	01
	S1636-1	. CONTACT			AR
	S1636-2	. CONTACT			AR
JI009	S2035-2	CONNECTOR - AIRSPEED INDICATOR (ZONE 220)	V00779	(182) 81318 - 82045 (T182) 08232 - 08806	01
	S1636-2	. CONTACT			AR
JI010	S2035-2	CONNECTOR - HORIZON GYRO (ZONE 220)	V00779	(182) 81318 - 82045 (T182) 08232 - 08806	01
	S1636-2	. CONTACT			AR
JI011	S2035-2	CONNECTOR - ALTIMETER (ZONE 220)	V00779	(182) 81318 - 82045 (T182) 08232 - 08806	01
	S1636-1	. CONTACT			02
	S1636-2	. CONTACT			AR
P1	S1640-9	CONNECTOR - DIMMING MODULE		(182) 81318 - 82045 (T182) 08232 - 08806	01
	S1635-1	. CONTACT	V49367		09
PI009	S2035-1	CONNECTOR - AIRSPEED INDICATOR (ZONE 220)		(182) 81318 - 82045 (T182) 08232 - 08806	01
	S1635-1	. CONTACT	V49367		AR
PI010	S2035-1	CONNECTOR - HORIZON GYRO (ZONE 220)		(182) 81318 - 82045 (T182) 08232 - 08806	01
	S1635-1	. CONTACT	V49367		AR
PI011	S2035-1	CONNECTOR - ALTIMETER (ZONE 220)		(182) 81318 - 82045 (T182) 08232 - 08806	01

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Figure 02 : Sheet 01 : LIGHTING FLIGHT INSTRUMENTS W/NAV III



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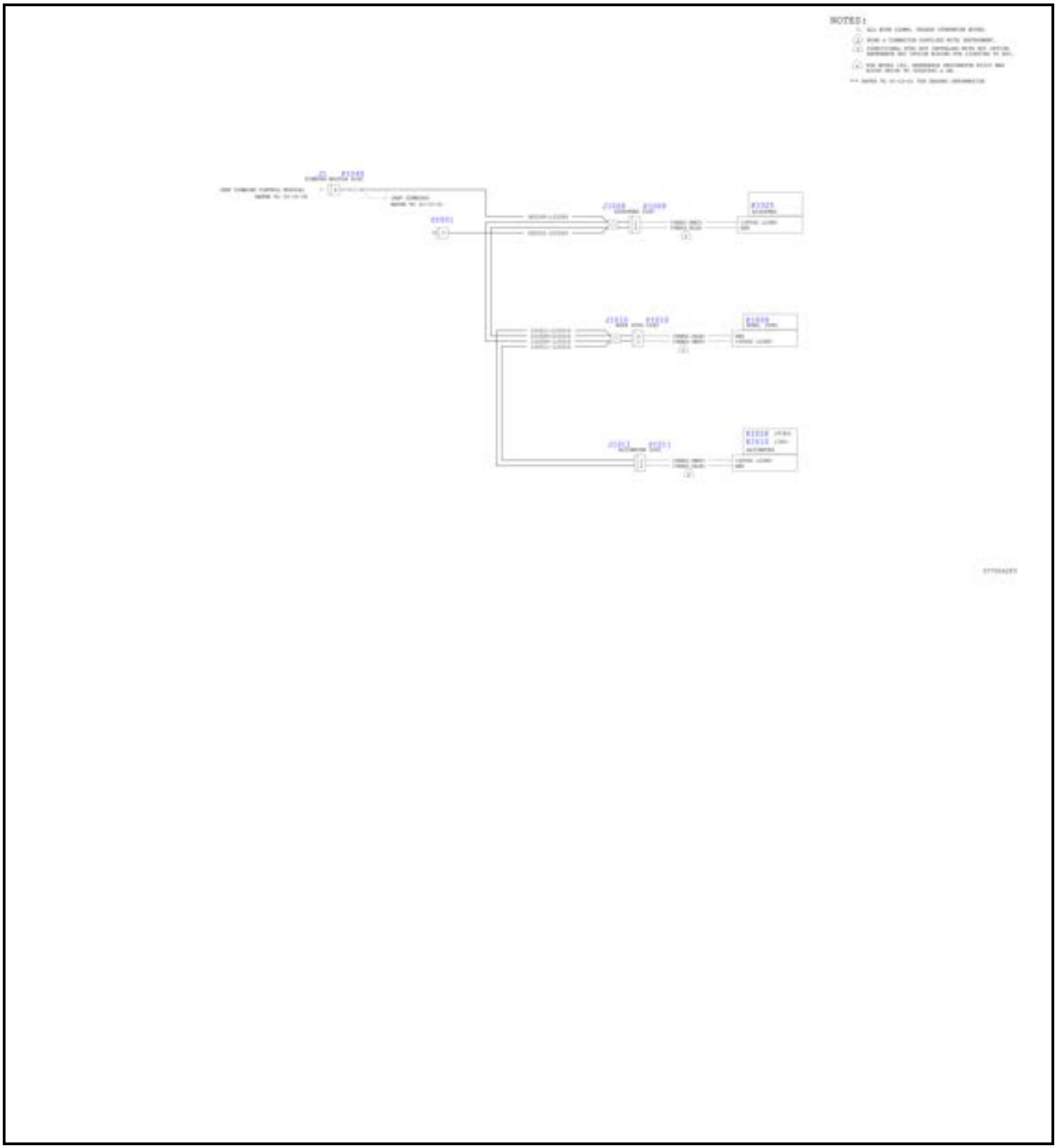
LIGHTING FLIGHT INSTRUMENTS W/NAV III

AIRPLANES (182) 82046 & ON WITH NAV III OPTION AND AIRPLANES (T182) 08807 & ON WITH NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
EI009		INDICATOR - HORIZONTAL GYRO			RF
EI010		INDICATOR - ALTIMETER			RF
EI025		INDICATOR - AIRSPEED			RF
EI028		INDICATOR - ALTIMETER			RF
GI001	200838-2	GROUND BLOCK (ZONE 211)	V00779	(182) 82046 & ON (T182) 08807 & ON	01
	S2099-13	. CONTACT			02
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
J1	S2350-4	CONNECTOR - DIMMING MODULE (ZONE 222)	V00779	(182) 82046 & ON (T182) 08807 & ON	01
	S2353-5	. CONTACT			09
JI009	S2035-2	CONNECTOR - AIRSPEED INDICATOR (ZONE 220)	V00779	(182) 82046 & ON (T182) 08807 & ON	01
	S1636-2	. CONTACT			AR
JI010	S2035-2	CONNECTOR - HORIZON GYRO (ZONE 220)	V00779	(182) 82046 & ON (T182) 08807 & ON	01
	S1636-2	. CONTACT			AR
JI011	S2035-2	CONNECTOR - ALTIMETER (ZONE 220)	V00779	(182) 82046 & ON (T182) 08807 & ON	01
	S1636-1	. CONTACT			02
	S1636-2	. CONTACT			AR
PI009	S2035-1	CONNECTOR - AIRSPEED INDICATOR (ZONE 220)		(182) 82046 & ON (T182) 08807 & ON	01
	S1635-1	. CONTACT	V49367		AR
PI010	S2035-1	CONNECTOR - HORIZON GYRO (ZONE 220)		(182) 82046 & ON (T182) 08807 & ON	01
	S1635-1	. CONTACT	V49367		AR
PI011	S2035-1	CONNECTOR - ALTIMETER (ZONE 220)		(182) 82046 & ON (T182) 08807 & ON	01
PI045	S2349-3	CONNECTOR - DIMMING MODULE DISCONNECT (ZONE 210)		(182) 82046 & ON (T182) 08807 & ON	01
	S2099-4	. CONTACT	V00779		AR

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Figure 03 : Sheet 01 : LIGHTING FLIGHT INSTRUMENTS W/NAV III



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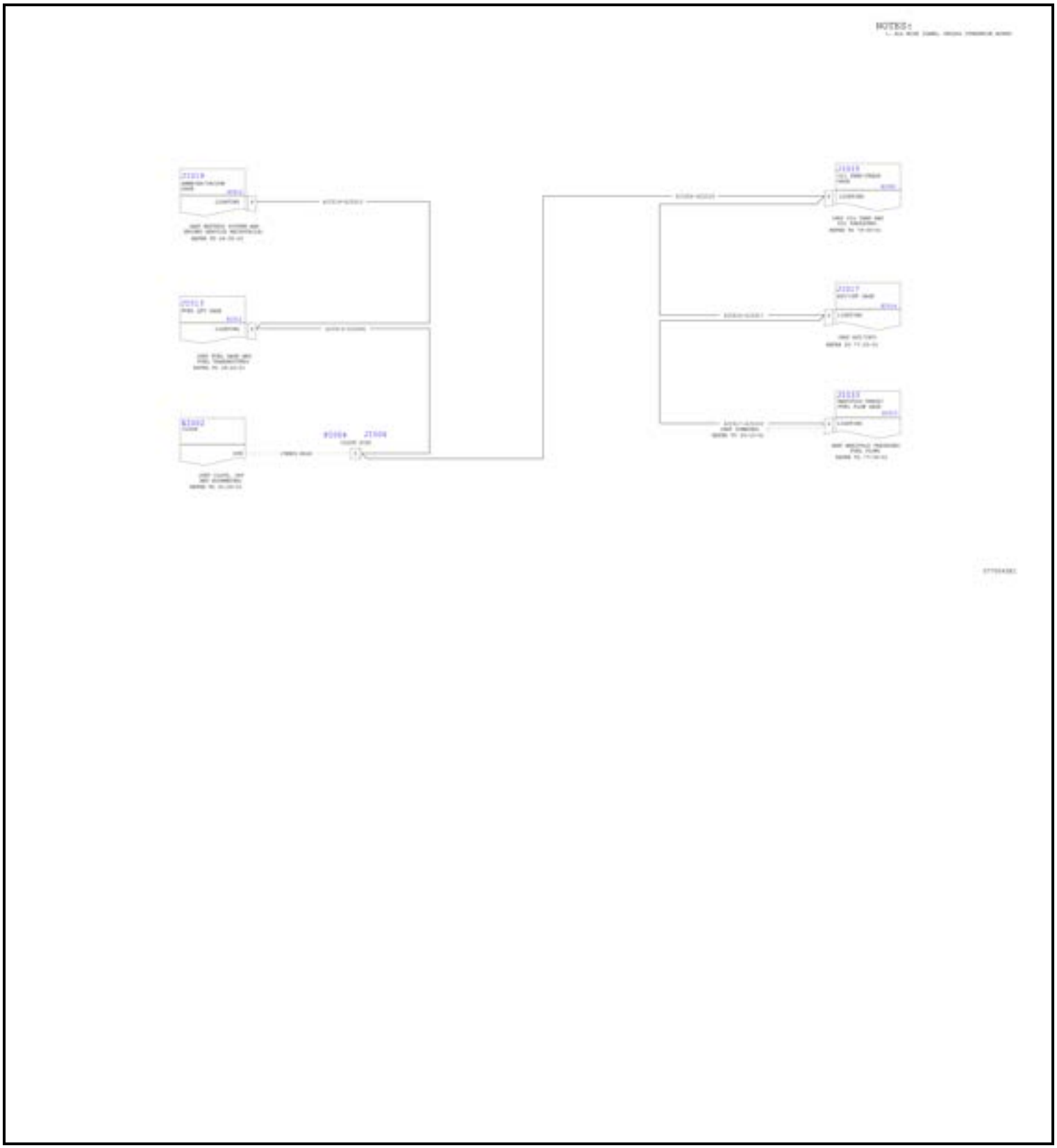
LIGHTING ENGINE INSTRUMENTS

AIRPLANES (182) 80001 THRU 80003

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
EI001		INDICATOR - OIL TEMPERATURE/PRESSURE			RF
EI002		CLOCK			RF
EI011		INDICATOR - FUEL QUANTITY			RF
EI012		INDICATOR - AMMETER/VACUUM			RF
EI014		INDICATOR - EGT/CHT			RF
EI015		INDICATOR - MANIFOLD PRESSURE/FUEL FLOW			RF
JI004	S1638-1	CONNECTOR (ZONE 220)		(182) 80001 - 80003	01
	S1636-1	. CONTACT			AR
	S1636-2	. CONTACT			AR
JI013	S2349-3	CONNECTOR - FUEL QUANTITY INDICATOR (ZONE 22)		(182) 80001 - 80003	01
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
	S2414-1	. KEYING PLUG			01
JI015	S2349-3	CONNECTOR - OIL TEMPERATURE/PRESSURE INDICATOR (ZONE 220)		(182) 80001 - 80003	01
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
	S2414-1	. KEYING PLUG			01
JI017	S2349-3	CONNECTOR - EGT/CHT (ZONE 220)		(182) 80001 - 80003	01
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
	S2414-1	. KEYING PLUG			01
JI019	S2349-3	CONNECTOR - AMMETER/VACUUM INDICATOR (ZONE 220)		(182) 80001 - 80003	01
	S2099-4	. CONTACT	V00779		AR
	S2414-1	. KEYING PLUG			01
JI033	S2349-3	CONNECTOR - MAINIFOLD PRESSURE/FUEL FLOW INDICATOR (ZONE 220)		(182) 80001 - 80003	01
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
	S2414-1	. KEYING PLUG			01
PI004	S1638-2	CONNECTOR (ZONE 225)		(182) 80001 - 80003	01
	S1635-1	. CONTACT	V49367		AR

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Figure 01 : Sheet 01 : LIGHTING ENGINE INSTRUMENTS



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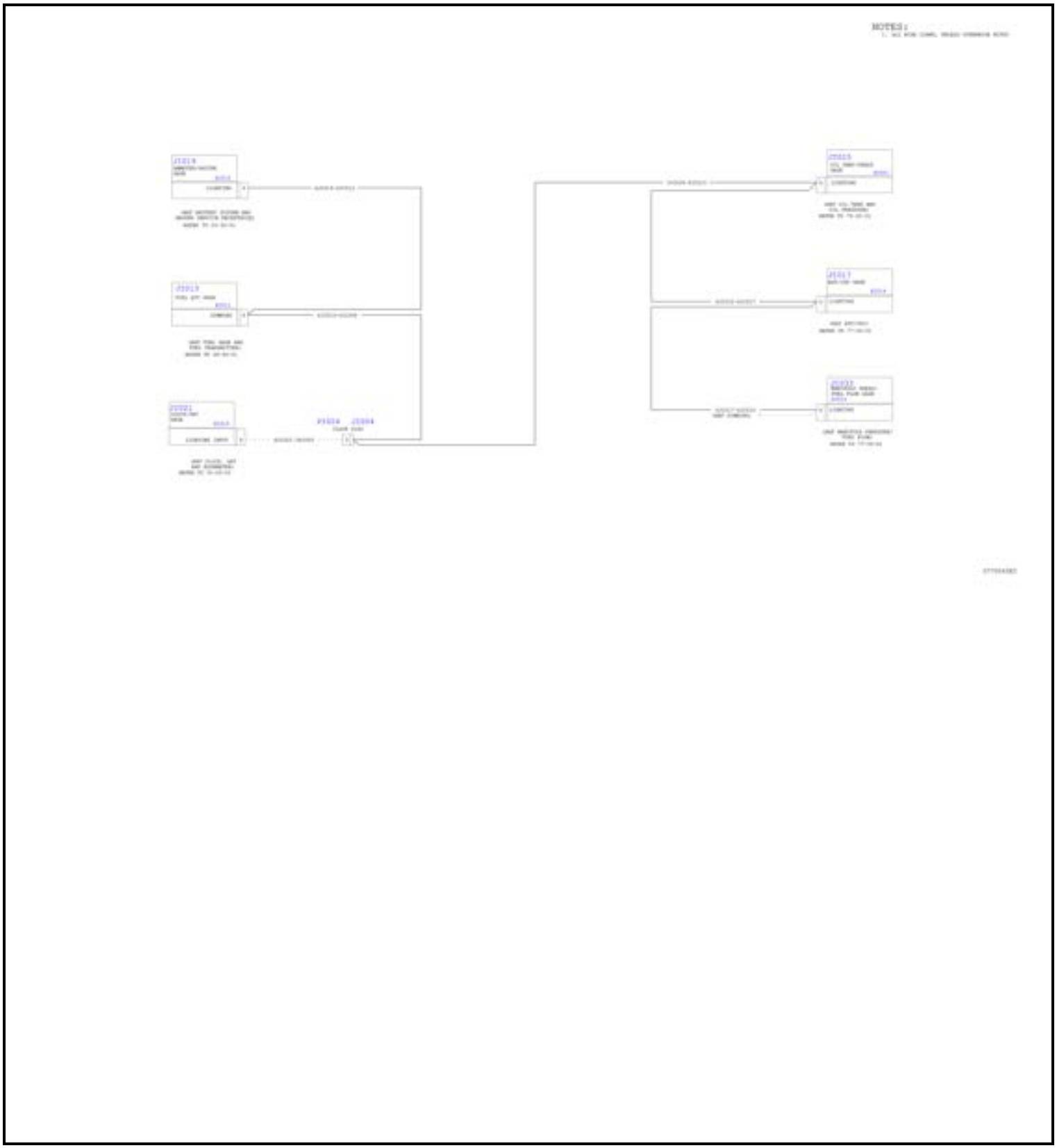
LIGHTING ENGINE INSTRUMENTS

AIRPLANES (182) 80004 THRU 80944

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
EI001		INDICATOR - OIL TEMPERATURE/PRESSURE			RF
EI011		INDICATOR - FUEL QUANTITY			RF
EI012		INDICATOR - AMMETER/VACUUM			RF
EI014		INDICATOR - EGT/CHT			RF
EI015		INDICATOR - MANIFOLD PRESSURE/FUEL FLOW			RF
EI019		CLOCK			RF
JI004	S1638-1	CONNECTOR (ZONE 220)		(182) 80004 - 80944	01
	S1636-1	. CONTACT			AR
	S1636-2	. CONTACT			AR
JI013	S2349-3	CONNECTOR - FUEL QUANTITY INDICATOR (ZONE 22)		(182) 80004 - 80944	01
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
	S2414-1	. KEYING PLUG			01
JI015	S2349-3	CONNECTOR - OIL TEMPERATURE/PRESSURE INDICATOR (ZONE 220)		(182) 80004 - 80944	01
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
	S2414-1	. KEYING PLUG			01
JI017	S2349-3	CONNECTOR - EGT/CHT (ZONE 220)		(182) 80004 - 80944	01
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
	S2414-1	. KEYING PLUG			01
JI019	S2349-3	CONNECTOR - AMMETER/VACUUM INDICATOR (ZONE 220)		(182) 80004 - 80944	01
	S2099-4	. CONTACT	V00779		AR
	S2414-1	. KEYING PLUG			01
JI021	RD9F00JVL0	CONNECTOR - CLOCK (ZONE 220)	V28198	(182) 80004 - 80944	01
	FC6020D	. CONTACT	V28198		AR
JI033	S2349-3	CONNECTOR - MANIFOLD PRESSURE/FUEL FLOW INDICATOR (ZONE 220)		(182) 80004 - 80944	01
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
	S2414-1	. KEYING PLUG			01
PI004	S1638-2	CONNECTOR (ZONE 225)		(182) 80004 - 80944	01
	S1635-1	. CONTACT	V49367		AR

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Figure 02 : Sheet 01 : LIGHTING ENGINE INSTRUMENTS



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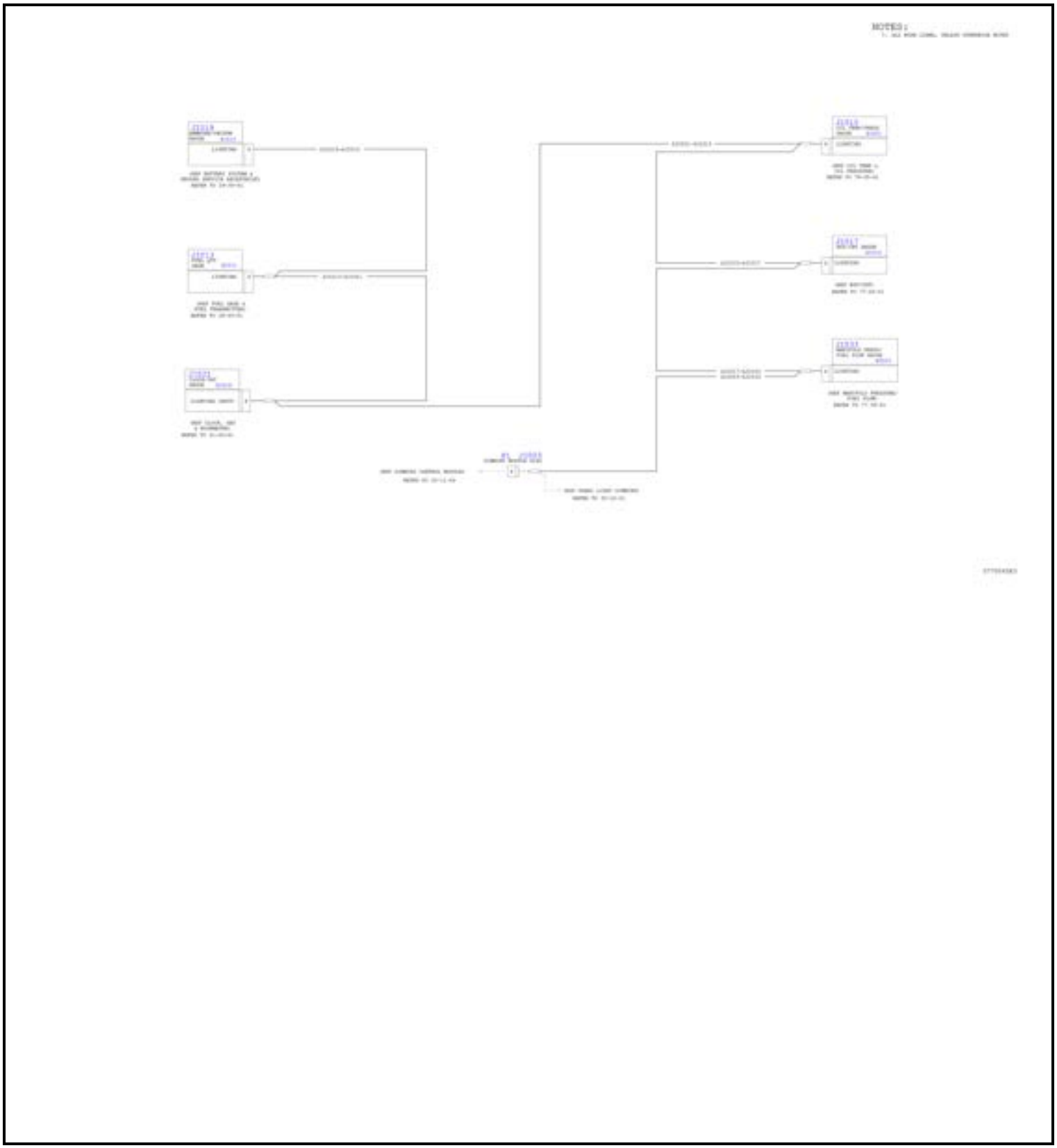
LIGHTING ENGINE INSTRUMENTS

AIRPLANES (182) 80945 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
EI001		INDICATOR - OIL TEMPERATURE/PRESSURE			RF
EI011		INDICATOR - FUEL QUANTITY			RF
EI012		INDICATOR - AMMETER/VACUUM			RF
EI014		INDICATOR - EGT/CHT			RF
EI015		INDICATOR - MANIFOLD PRESSURE/FUEL FLOW			RF
EI019		CLOCK			RF
JI003	S1641-9	CONNECTOR - DIMMING MODULE DISCONNECT (ZONE 210)		(182) 80945 & ON	01
	S1636-1	. CONTACT			AR
	S1636-2	. CONTACT			AR
JI013	S2349-3	CONNECTOR - FUEL QUANTITY INDICATOR (ZONE 22)		(182) 80945 & ON	01
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
	S2414-1	. KEYING PLUG			01
JI015	S2349-3	CONNECTOR - OIL TEMPERATURE/PRESSURE INDICATOR (ZONE 220)		(182) 80945 & ON	01
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
	S2414-1	. KEYING PLUG			01
JI017	S2349-3	CONNECTOR - EGT/CHT (ZONE 220)		(182) 80945 & ON	01
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
	S2414-1	. KEYING PLUG			01
JI019	S2349-3	CONNECTOR - AMMETER/VACUUM INDICATOR (ZONE 220)		(182) 80945 & ON	01
	S2099-4	. CONTACT	V00779		AR
	S2414-1	. KEYING PLUG			01
JI021	RD9F00JVL0	CONNECTOR - CLOCK (ZONE 220)	V28198	(182) 80945 & ON	01
	FC6020D	. CONTACT	V28198		AR
JI033	S2349-3	CONNECTOR - MAINIFOLD PRESSURE/FUEL FLOW INDICATOR (ZONE 220)		(182) 80945 & ON	01
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
	S2414-1	. KEYING PLUG			01
P1	S1640-6	CONNECTOR - DIMMING MODULE (ZONE 222)		(182) 80945 & ON	01
	S1635-1	. CONTACT	V49367	(182) 08481 & ON (182) 81742 & ON	AR

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Figure 03 : Sheet 01 : LIGHTING ENGINE INSTRUMENTS



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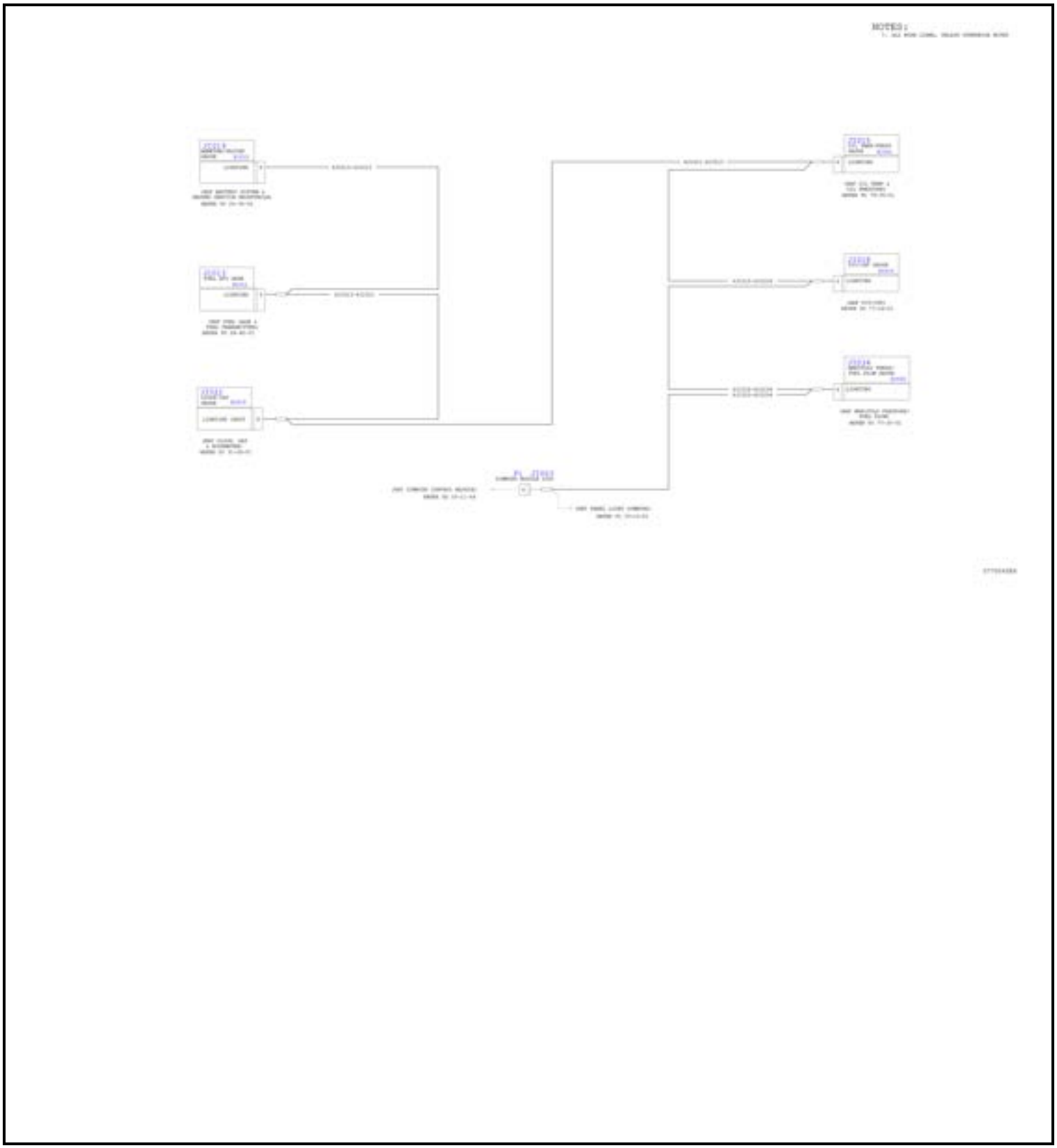
LIGHTING ENGINE INSTRUMENTS

AIRPLANES (182) 00001 & ON WITHOUT NAV III OPTION AND AIRPLANES (T182) 08001 & ON WITHOUT NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
EI001		INDICATOR - OIL TEMPERATURE/PRESSURE			RF
EI011		INDICATOR - FUEL QUANTITY			RF
EI012		INDICATOR - AMMETER/VACUUM			RF
EI016		INDICATOR - TIT/CHT			RF
EI019		CLOCK			RF
EI020		INDICATOR - MANIFOLD PRESSURE/FUEL FLOW			RF
JI003	S1641-9	CONNECTOR - DIMMING MODULE DISCONNECT (ZONE 210)		(182) 00001 & ON (T182) 08001 & ON	01
	S1636-1	. CONTACT			AR
	S1636-2	. CONTACT			AR
JI013	S2349-3	CONNECTOR - FUEL QUANTITY INDICATOR (ZONE 22)		(182) 00001 & ON (T182) 08001 & ON	01
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
	S2414-1	. KEYING PLUG			01
JI015	S2349-3	CONNECTOR - OIL TEMPERATURE/PRESSURE INDICATOR (ZONE 220)		(182) 00001 & ON (T182) 08001 & ON	01
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
	S2414-1	. KEYING PLUG			01
JI018	S2349-3	CONNECTOR - TIT/CHT INDICATOR (ZONE 220)		(182) 00001 & ON (T182) 08001 & ON	01
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
	S2414-1	. KEYING PLUG			01
JI019	S2349-3	CONNECTOR - AMMETER/VACUUM INDICATOR (ZONE 220)		(182) 00001 & ON (T182) 08001 & ON	01
	S2099-4	. CONTACT	V00779		AR
	S2414-1	. KEYING PLUG			01
JI021	RD9F00JVL0	CONNECTOR - CLOCK (ZONE 220)	V28198	(182) 00001 & ON (T182) 08001 & ON	01
	FC6020D	. CONTACT	V28198		AR
JI034	S2349-3	CONNECTOR		(182) 00001 & ON (T182) 08001 & ON	01
	S2099-4	. CONTACT	V00779		05
	S2414-1	. KEYING PLUG			01
P1	S1640-6	CONNECTOR - DIMMING MODULE (ZONE 222)		(182) 00001 & ON (T182) 08001 & ON	01
	S1635-1	. CONTACT	V49367	(182) 08481 & ON (182) 81742 & ON	AR

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Figure 04 : Sheet 01 : LIGHTING ENGINE INSTRUMENTS



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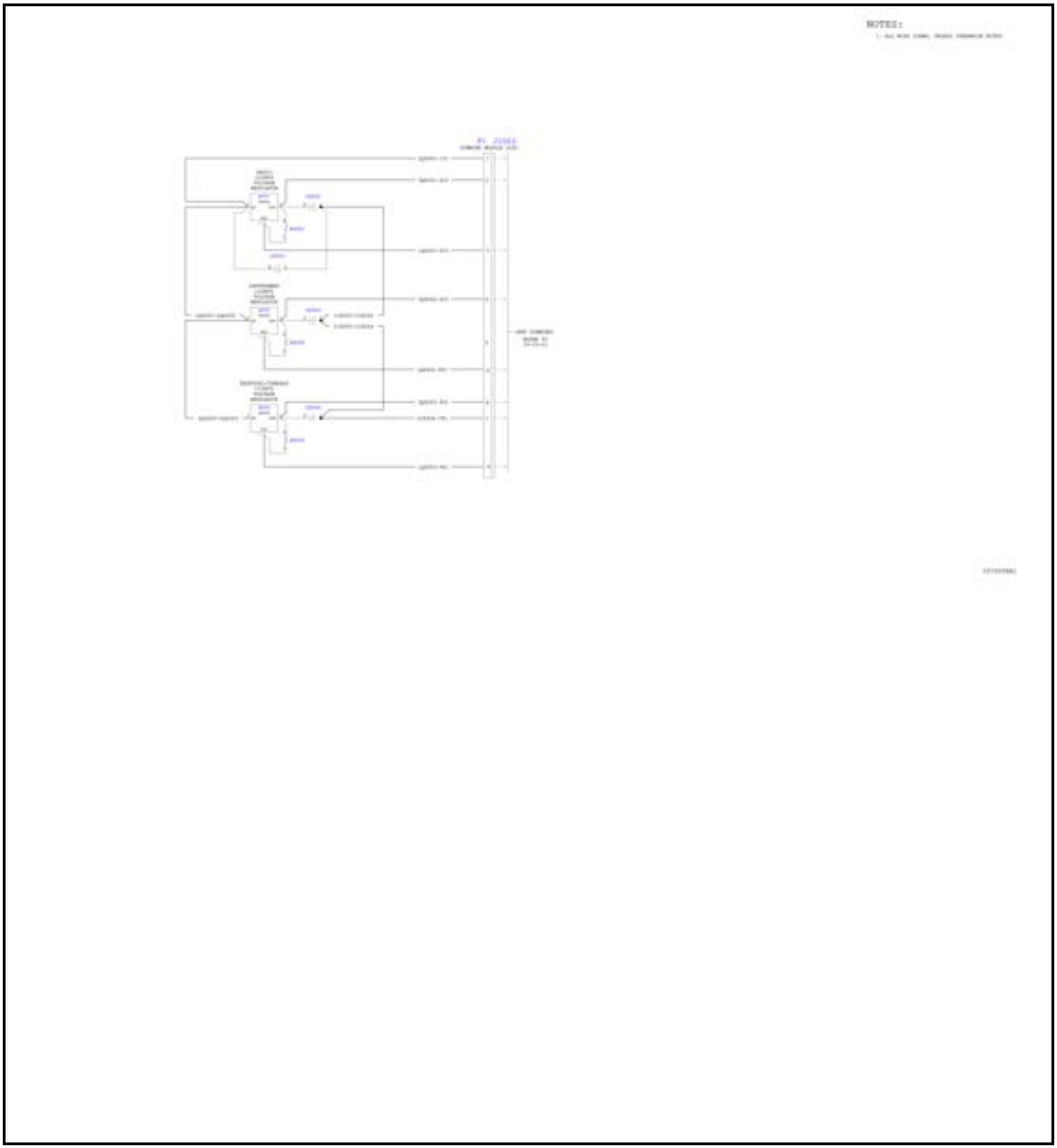
DIMMING CONTROL MODULE

AIRPLANES (182) 80001 THRU 81317 AND AIRPLANES (T182) 08001 THRU 08231

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
CZ001	CSR13-2356	CAPACITOR - DIMMING ASSEMBLY (ZONE 210)	V37942	(182) 80001 - 81317 (T182) 08001 - 08231	01
CZ002	CSR13-2356	CAPACITOR - DIMMING ASSEMBLY (ZONE 210)	V37942	(182) 80001 - 81317 (T182) 08001 - 08231	01
CZ003	CSR13-2356	CAPACITOR - DIMMING ASSEMBLY (ZONE 210)	V37942	(182) 80001 - 81317 (T182) 08001 - 08231	01
CZ004	CSR13-2356	CAPACITOR - DIMMING ASSEMBLY (ZONE 210)	V37942	(182) 80001 - 81317 (T182) 08001 - 08231	01
JI003	S1641-9	CONNECTOR - DIMMING MODULE DISCONNECT (ZONE 210)		(182) 80001 - 81317 (T182) 08001 - 08231	01
	S1636-1	. CONTACT			AR
	S1636-2	. CONTACT			AR
P1	S1640-6	CONNECTOR - DIMMING MODULE (ZONE 222)		(182) 80001 - 81317 (T182) 08001 - 08231	01
	S1635-1	. CONTACT	V49367	(182) 08481 & ON (182) 81742 & ON	AR
QZ001		REGULATOR - VOLTAGE			RF
QZ002		REGULATOR - VOLTAGE			RF
QZ003		REGULATOR - VOLTAGE			RF
RZ001	RCR20G241JP	RESISTOR - VARIBLE DIMMING (ZONE 210)	V91637	(182) 80001 - 81317 (T182) 08001 - 08231	01
RZ001	CCF-552430F	RESISTOR - VARIBLE DIMMING (ZONE 210)	V91637	(182) 80001 - 81317 (T182) 08001 - 08231	01
RZ002	CCF-552430F	RESISTOR - VARIBLE DIMMING (ZONE 210)	V91637	(182) 80001 - 81317 (T182) 08001 - 08231	01
RZ002	RCR20G241JP	RESISTOR - VARIBLE DIMMING (ZONE 210)	V91637	(182) 80001 - 81317 (T182) 08001 - 08231	01
RZ003	RCR20G241JP	RESISTOR - VARIBLE DIMMING (ZONE 210)	V91637	(182) 80001 - 81317 (T182) 08001 - 08231	01
RZ003	CCF-552430F	RESISTOR - VARIBLE DIMMING (ZONE 210)	V91637	(182) 80001 - 81317 (T182) 08001 - 08231	01

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Figure 01 : Sheet 01 : DIMMING CONTROL MODULE



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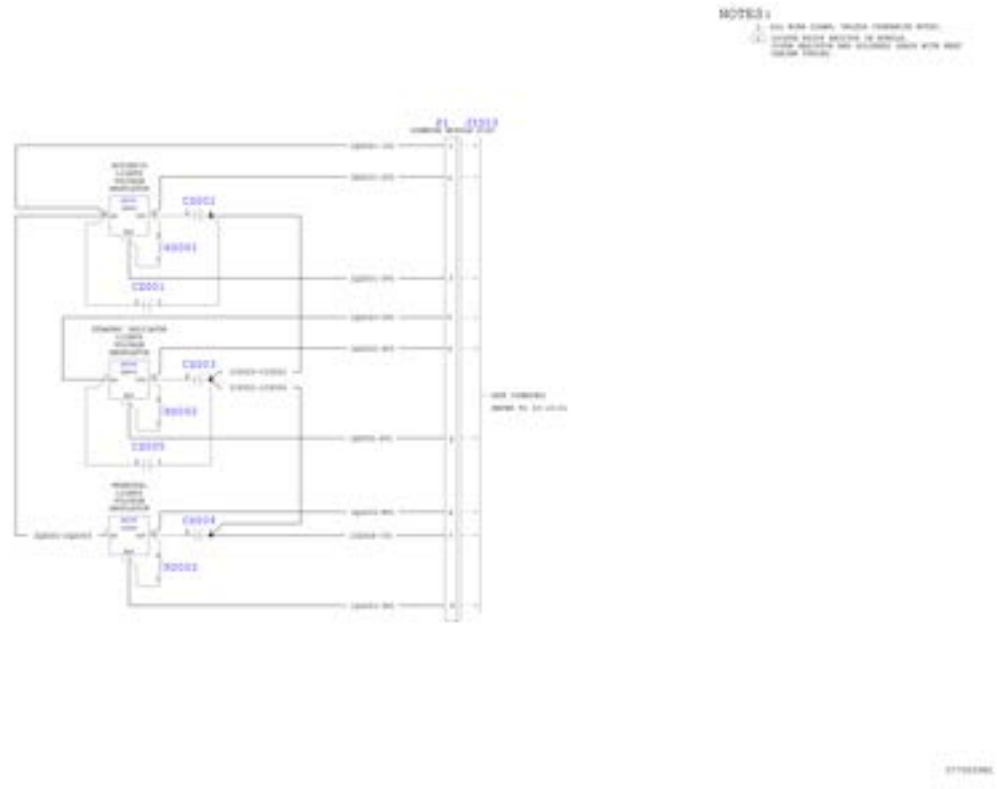
DIMMING CONTROL MODULE W/NAV III

AIRPLANES (182) 81318 THRU 82045 AND AIRPLANES (T182) 08232 THRU 08806 WITH NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
CZ001	CSR13-2356	CAPACITOR - DIMMING ASSEMBLY (ZONE 210)	V37942	(182) 81318 - 82045 (T182) 08232 - 08806	01
CZ002	CSR13-2356	CAPACITOR - DIMMING ASSEMBLY (ZONE 210)	V37942	(182) 81318 - 82045 (T182) 08232 - 08806	01
CZ003	CSR13-2356	CAPACITOR - DIMMING ASSEMBLY (ZONE 210)	V37942	(182) 81318 - 82045 (T182) 08232 - 08806	01
CZ004	CSR13-2356	CAPACITOR - DIMMING ASSEMBLY (ZONE 210)	V37942	(182) 81318 - 82045 (T182) 08232 - 08806	01
CZ005	CSR13-2356	CAPACITOR - DIMMING ASSEMBLY	V37942	(182) 81318 - 82045 (T182) 08232 - 08806	01
JI003	S1641-9	CONNECTOR - DIMMING MODULE DISCONNECT (ZONE 210)		(182) 81318 - 82045 (T182) 08232 - 08806	01
	S1636-1	. CONTACT			AR
	S1636-2	. CONTACT			AR
P1	S1640-6	CONNECTOR - DIMMING MODULE (ZONE 222)		(182) 81318 - 82045 (T182) 08232 - 08806	01
	S1635-1	. CONTACT	V49367	(182) 08481 & ON (182) 81742 & ON	AR
QZ001		REGULATOR - VOLTAGE			RF
QZ002		REGULATOR - VOLTAGE			RF
QZ003		REGULATOR - VOLTAGE			RF
RZ001	CCF-552430F	RESISTOR - VARIBLE DIMMING (ZONE 210)	V91637	(182) 81318 - 82045 (T182) 08232 - 08806	01
RZ002	CCF-552430F	RESISTOR - VARIBLE DIMMING (ZONE 210)	V91637	(182) 81318 - 82045 (T182) 08232 - 08806	01
RZ003	CCF-552430F	RESISTOR - VARIBLE DIMMING (ZONE 210)	V91637	(182) 81318 - 82045 (T182) 08232 - 08806	01

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Figure 02 : Sheet 01 : DIMMING CONTROL MODULE W/NAV III



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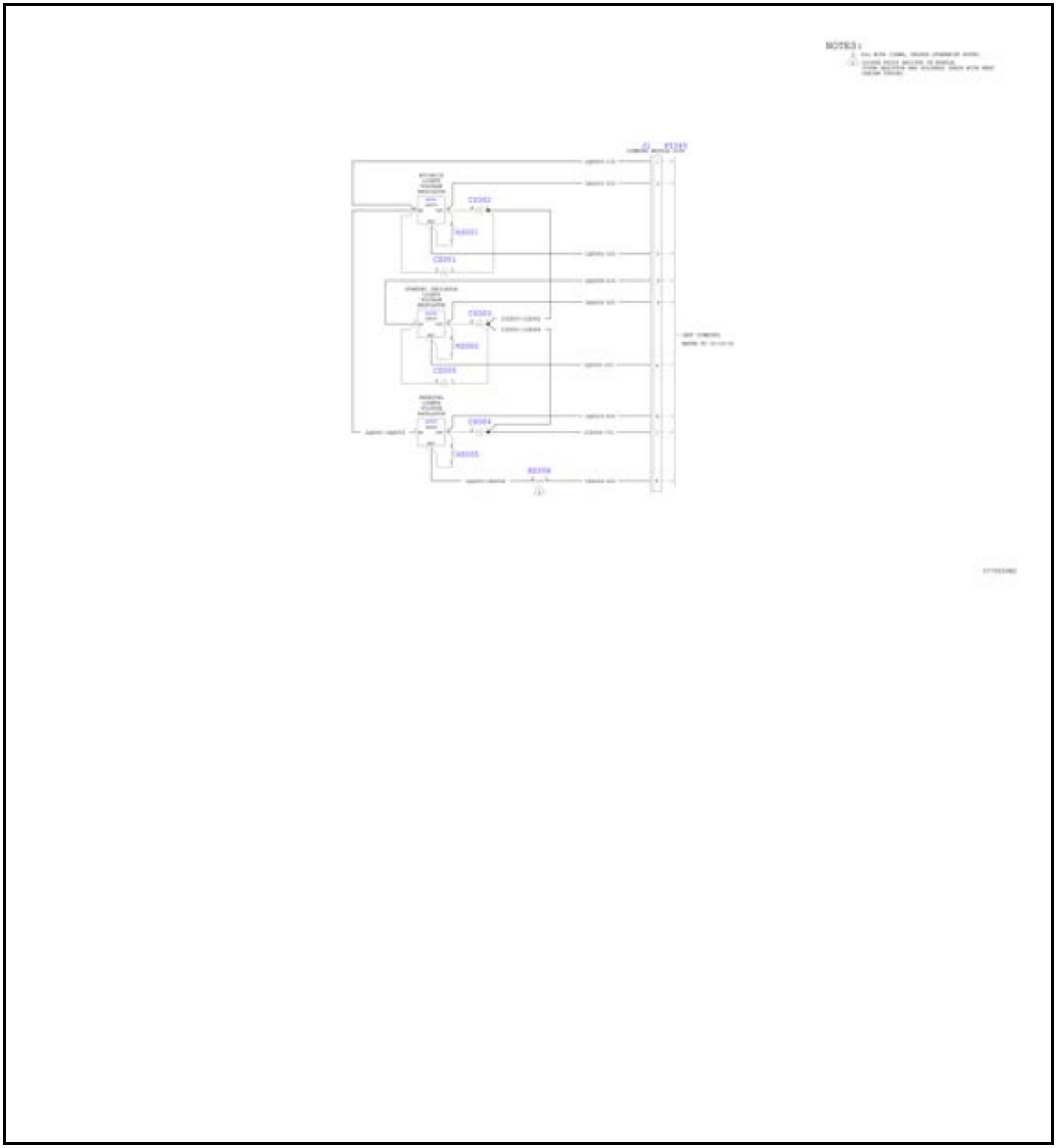
DIMMING CONTROL MODULE W/NAV III

AIRPLANES (182) 82046 & ON WITH NAV III OPTION AND AIRPLANES (T182) 08807 & ON WITH NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
CZ001	CSR13-2356	CAPACITOR - DIMMING ASSEMBLY (ZONE 210)	V37942	(182) 82046 & ON (T182) 08807 & ON	01
CZ002	CSR13-2356	CAPACITOR - DIMMING ASSEMBLY (ZONE 210)	V37942	(182) 82046 & ON (T182) 08807 & ON	01
CZ003	CSR13-2356	CAPACITOR - DIMMING ASSEMBLY (ZONE 210)	V37942	(182) 82046 & ON (T182) 08807 & ON	01
CZ004	CSR13-2356	CAPACITOR - DIMMING ASSEMBLY (ZONE 210)	V37942	(182) 82046 & ON (T182) 08807 & ON	01
CZ005	CSR13-2356	CAPACITOR - DIMMING ASSEMBLY	V37942	(182) 82046 & ON (T182) 08807 & ON	01
J1	S2350-4	CONNECTOR - DIMMING MODULE (ZONE 222)	V00779	(182) 82046 & ON (T182) 08807 & ON	01
	S2353-5	. CONTACT			09
PI045	S2349-3	CONNECTOR - DIMMING MODULE DISCONNECT (ZONE 210)		(182) 82046 & ON (T182) 08807 & ON	01
	S2099-4	. CONTACT	V00779		AR
QZ001		REGULATOR - VOLTAGE			RF
QZ002		REGULATOR - VOLTAGE			RF
QZ003		REGULATOR - VOLTAGE			RF
RZ001	CCF-552430F	RESISTOR - VARIBLE DIMMING (ZONE 210)	V91637	(182) 82046 & ON (T182) 08807 & ON	01
RZ002	CCF-552430F	RESISTOR - VARIBLE DIMMING (ZONE 210)	V91637	(182) 82046 & ON (T182) 08807 & ON	01
RZ005	CCF-553740F	RESISTOR - VARIBLE DIMMING (ZONE 210)	V91637	(182) 82046 & ON (T182) 08807 & ON	01
RZ006	CCF-552611F	RESISTOR - VARIBLE DIMMING (ZONE 210)	V91637	(182) 82046 & ON (T182) 08807 & ON	01

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Figure 03 : Sheet 01 : DIMMING CONTROL MODULE W/NAV III



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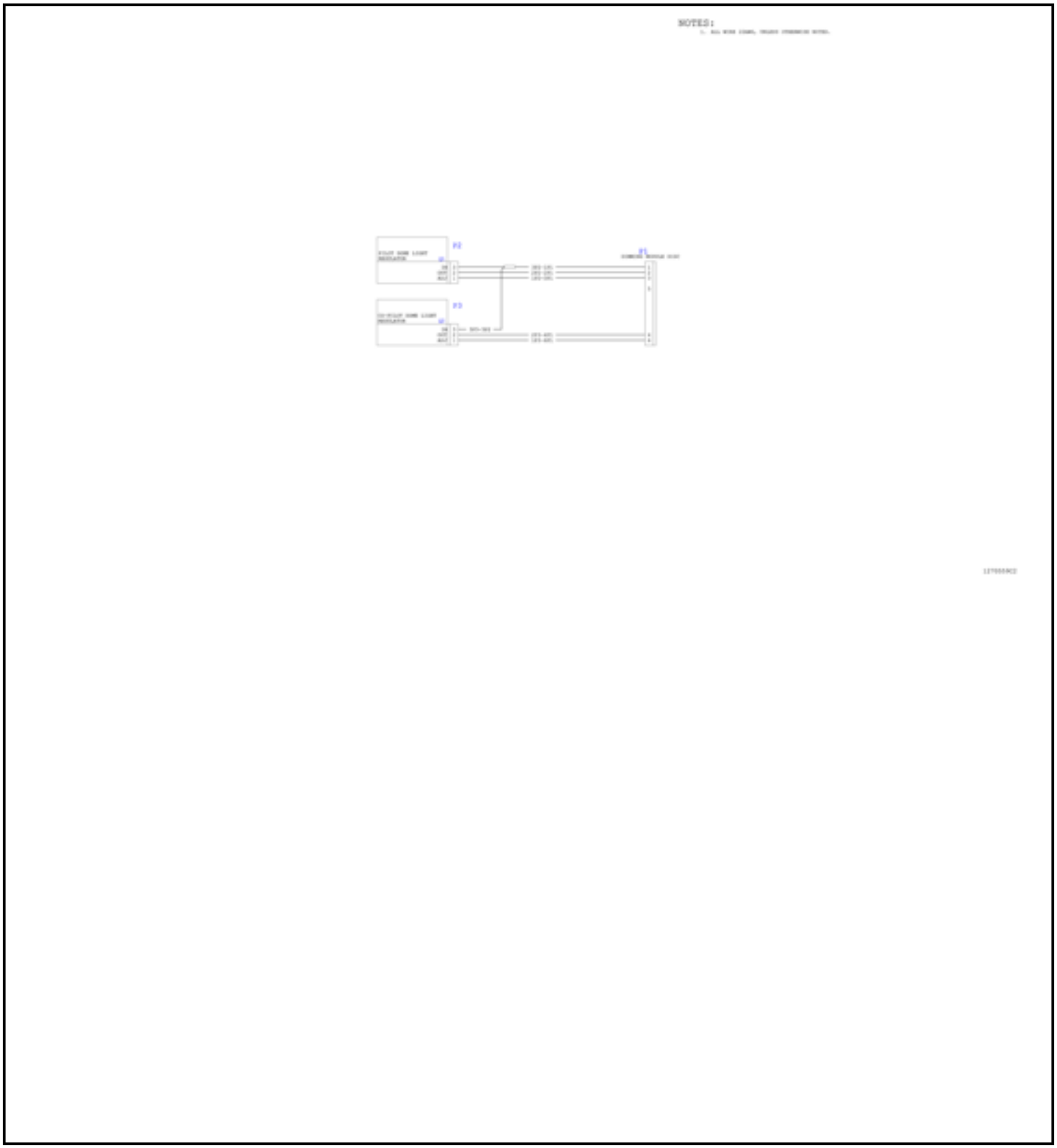
DIMMING CONTROL MODULE

AIRPLANES (182) 81742 & ON AND AIRPLANES (T182) 08481 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
P1	S1640-6	CONNECTOR - DIMMING MODULE (ZONE 222)		(182) 81742 & ON (T182) 08481 & ON	01
	S1635-1	. CONTACT	V49367	(182) 08481 & ON (182) 81742 & ON	AR
P2	08-50-0114	TERMINAL	V27264	(182) 81742 & ON (T182) 08481 & ON	01
	10-17-2032	. SOCKET	V27264		AR
P3	08-50-0114	TERMINAL	V27264	(182) 81742 & ON (T182) 08481 & ON	01
	10-17-2032	. SOCKET	V27264		AR
Q1		REGULATOR VOLTAGE - ADJUSTABLE			RF
Q2		REGULATOR VOLTAGE - ADJUSTABLE			RF

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Figure 04 : Sheet 01 : DIMMING CONTROL MODULE



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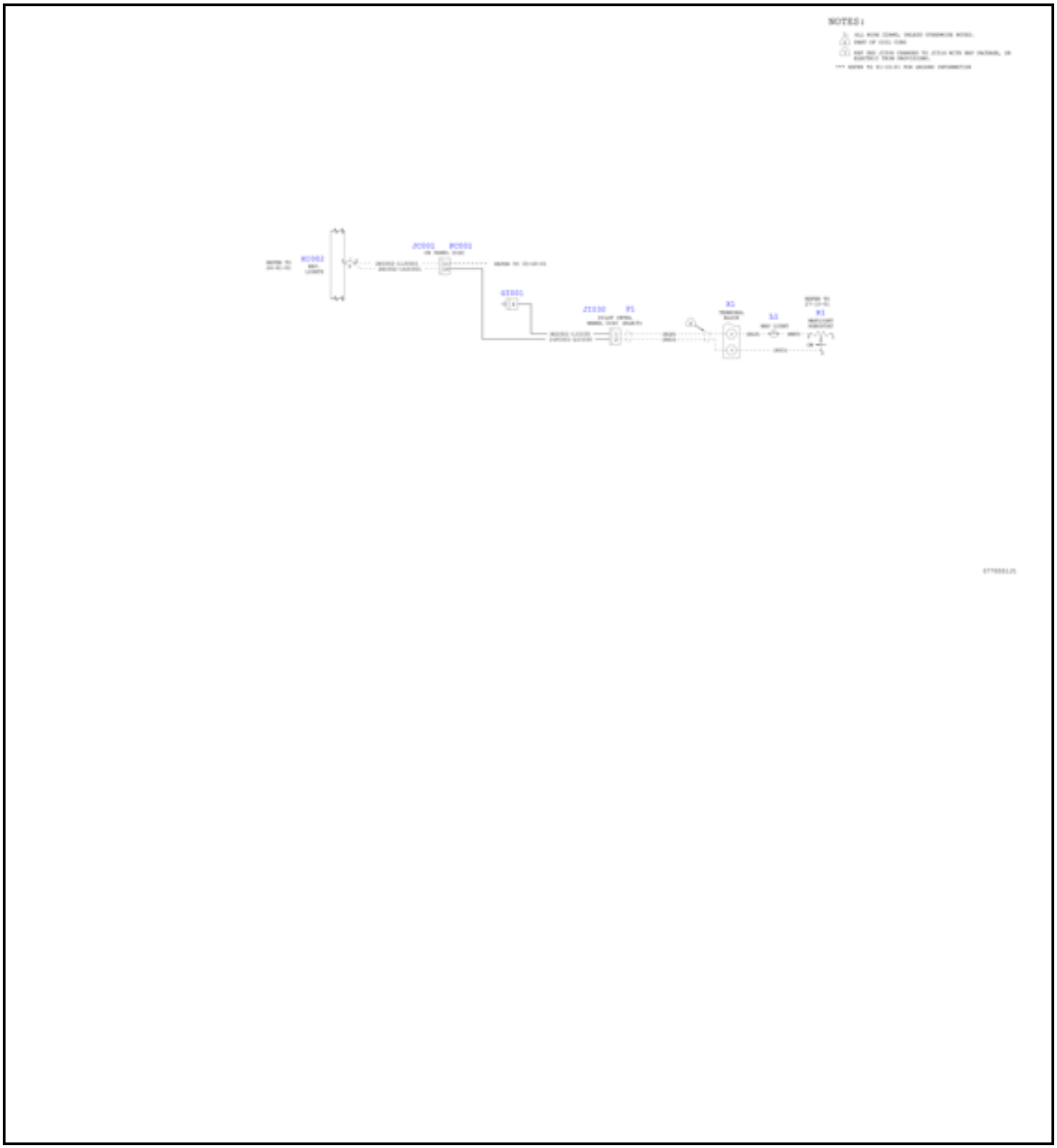
MAP LIGHTS

AIRPLANES (182) 80001 THRU 80003

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GI001	200838-2	GROUND BLOCK (ZONE 211)	V00779	(182) 80001 - 80003	01
	S2099-13	. CONTACT			02
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
HI002	CM3589-5	CIRCUIT BREAKER (ZONE 224)		(182) 80001 - 80003	01
	S2122-1	. NUT			01
JC001	S2349-5	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(182) 80001 - 80003	01
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
JI030	S2035-2	CONNECTOR - PILOT'S CONTROL WHEEL (ZONE 222)	V00779	(182) 80001 - 80003	01
	S1636-1	. CONTACT			AR
L1	24RB	LIGHT	V80204	(182) 80001 - 80003	01
P1	S1640-6	CONNECTOR - DIMMING MODULE (ZONE 222)		(182) 80001 - 80003	01
	S1635-1	. CONTACT	V49367	(182) 08481 & ON (182) 81742 & ON	AR
PC001	S2350-10	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(182) 80001 - 80003	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
R1	3852A162-152A	POTENTIOMETER (ZONE 222)	V00779	(182) 80001 - 80003	01
X1		TERMINAL BLOCK ASSEMBLY			RF

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Figure 01 : Sheet 01 : MAP LIGHTS



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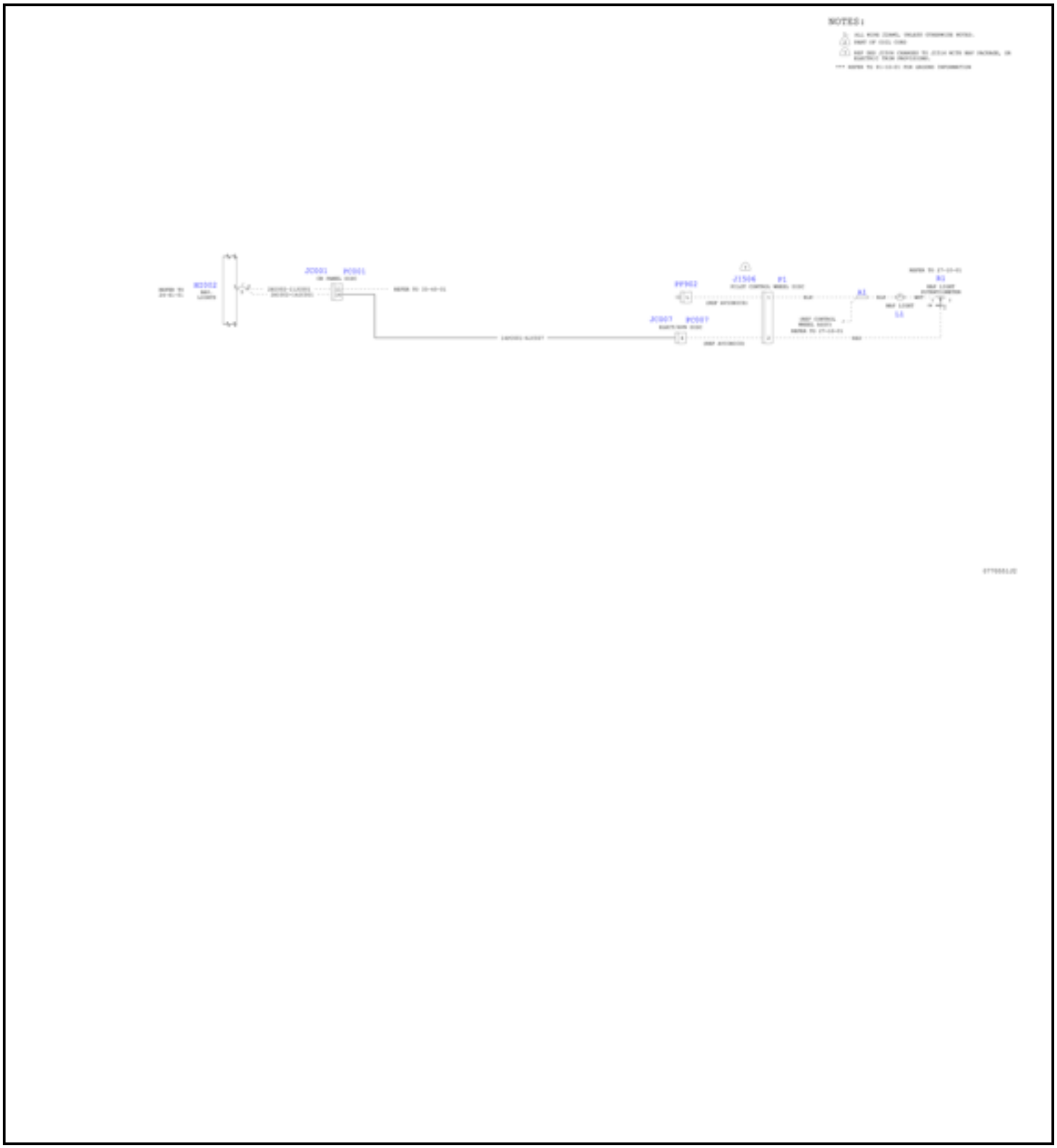
MAP LIGHTS

AIRPLANES (182) 80004 THRU 80944

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
A1	S1370-1	SPLICE (ZONE 222)		(182) 80004 - 80944	01
HI002	CM3589-5	CIRCUIT BREAKER (ZONE 224)		(182) 80004 - 80944	01
	S2122-1	. NUT			01
JC001	S2349-5	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(182) 80004 - 80944	01
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
JC007	S1641-9	CONNECTOR - ELECTRICAL/AVIONIC DISCONNECT (ZONE 224)		(182) 80004 - 80944	01
	S1636-1	. CONTACT			AR
JI506	S1641-6	CONNECTOR - PILOT CONTROL WHEEL (ZONE 211)		(182) 80004 - 80944	01
	S1636-1	. CONTACT			AR
L1	24RB	LIGHT	V80204	(182) 80004 - 80944	01
P1	S1640-6	CONNECTOR - DIMMING MODULE (ZONE 222)		(182) 80004 - 80944	01
	S1635-1	. CONTACT	V49367	(182) 08481 & ON (182) 81742 & ON	AR
PC001	S2350-10	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(182) 80004 - 80944	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PC007	S1640-9	CONNECTOR - ELECTRICAL/AVIONIC DISCONNECT (ZONE 610)		(182) 80004 - 80944	01
	S1635-1	. CONTACT	V49367		AR
PF902	SK2701	CONNECTOR (ZONE 221)	V28198	(182) 80004 - 80944	01
	FC120N2	. CONTACT	V28198		AR
R1	S2619-1	POTENTIOMETER (ZONE 222)	V81640	(182) 80004 - 80944	01

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Figure 02 : Sheet 01 : MAP LIGHTS



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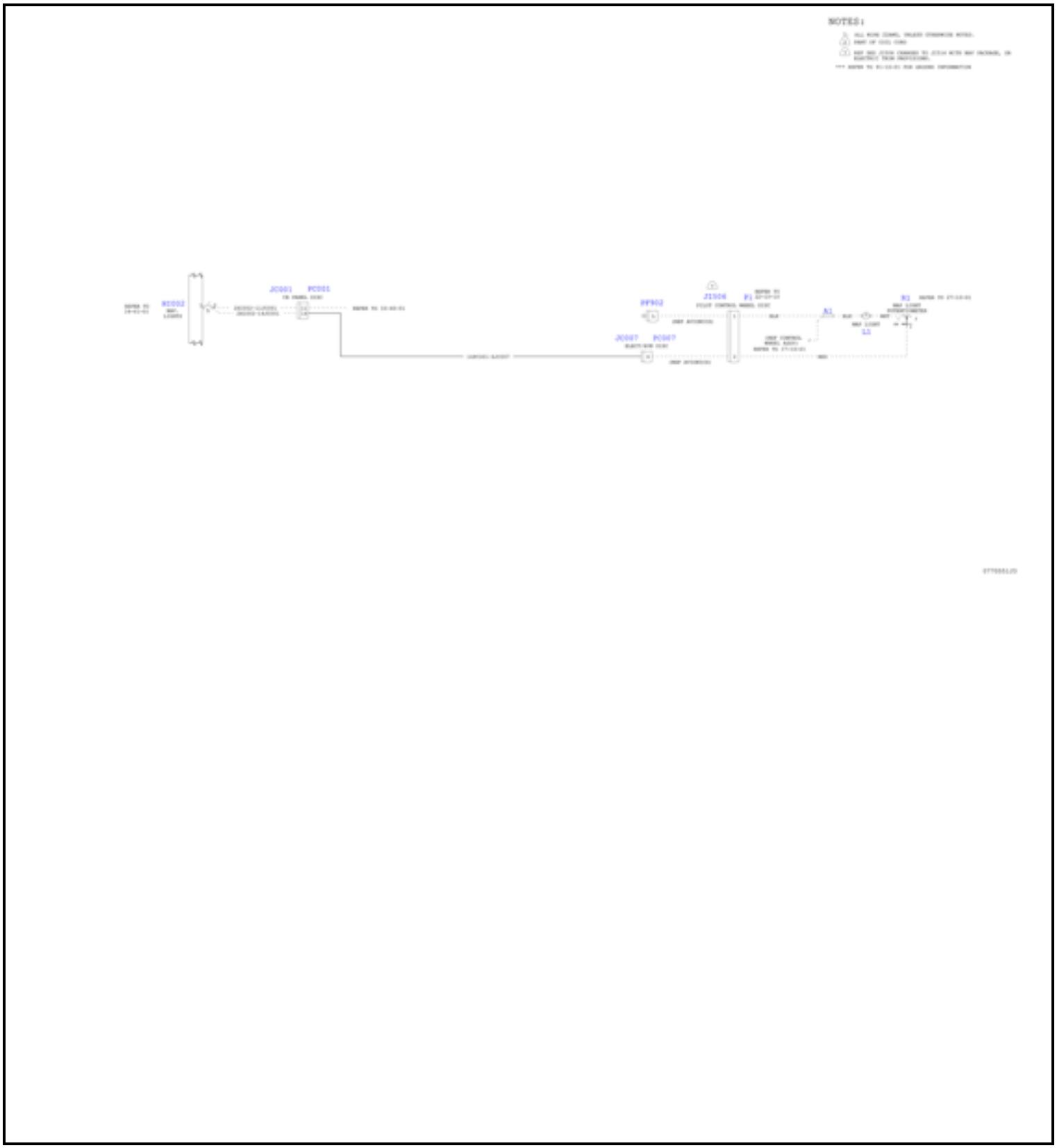
MAP LIGHTS

AIRPLANES (182) 80945 THRU 81297 AND AIRPLANES (T182) 08001 THRU 08224

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
A1	S1370-1	SPLICE (ZONE 222)		(182) 80945 - 81297 (T182) 08001 - 08224	01
HI002	CM3589-5	CIRCUIT BREAKER (ZONE 224)		(182) 80945 - 81297 (T182) 08001 - 08224	01
	S2122-1	. NUT			01
JC001	S2349-5	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(182) 80945 - 81297 (T182) 08001 - 08224	01
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
JC007	S1641-9	CONNECTOR - ELECTRICAL/AVIONIC DISCONNECT (ZONE 224)		(182) 80945 - 81297 (T182) 08001 - 08224	01
	S1636-1	. CONTACT			AR
JI506	S1641-6	CONNECTOR - PILOT CONTROL WHEEL (ZONE 211)		(182) 80945 - 81297 (T182) 08001 - 08224	01
	S1636-1	. CONTACT			AR
L1	24RB	LIGHT	V80204	(182) 80945 - 81297 (T182) 08001 - 08224	01
P1	1-480351-0	CONNECTOR - STROBE DISCONNECT (ZONE 520)	V10402	(182) 80945 - 81297 (T182) 08001 - 08224	01
PC001	S2350-10	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(182) 80945 - 81297 (T182) 08001 - 08224	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PC007	S1640-9	CONNECTOR - ELECTRICAL/AVIONIC DISCONNECT (ZONE 610)		(182) 80945 - 81297 (T182) 08001 - 08224	01
	S1635-1	. CONTACT	V49367		AR
PF902	SK2701	CONNECTOR (ZONE 221)	V28198	(182) 80945 - 81297 (T182) 08001 - 08224	01
	FC120N2	. CONTACT	V28198		AR
R1	S2619-1	POTENTIOMETER (ZONE 222)	V81640	(182) 80945 - 81297 (T182) 08001 - 08224	01

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Figure 03 : Sheet 01 : MAP LIGHTS



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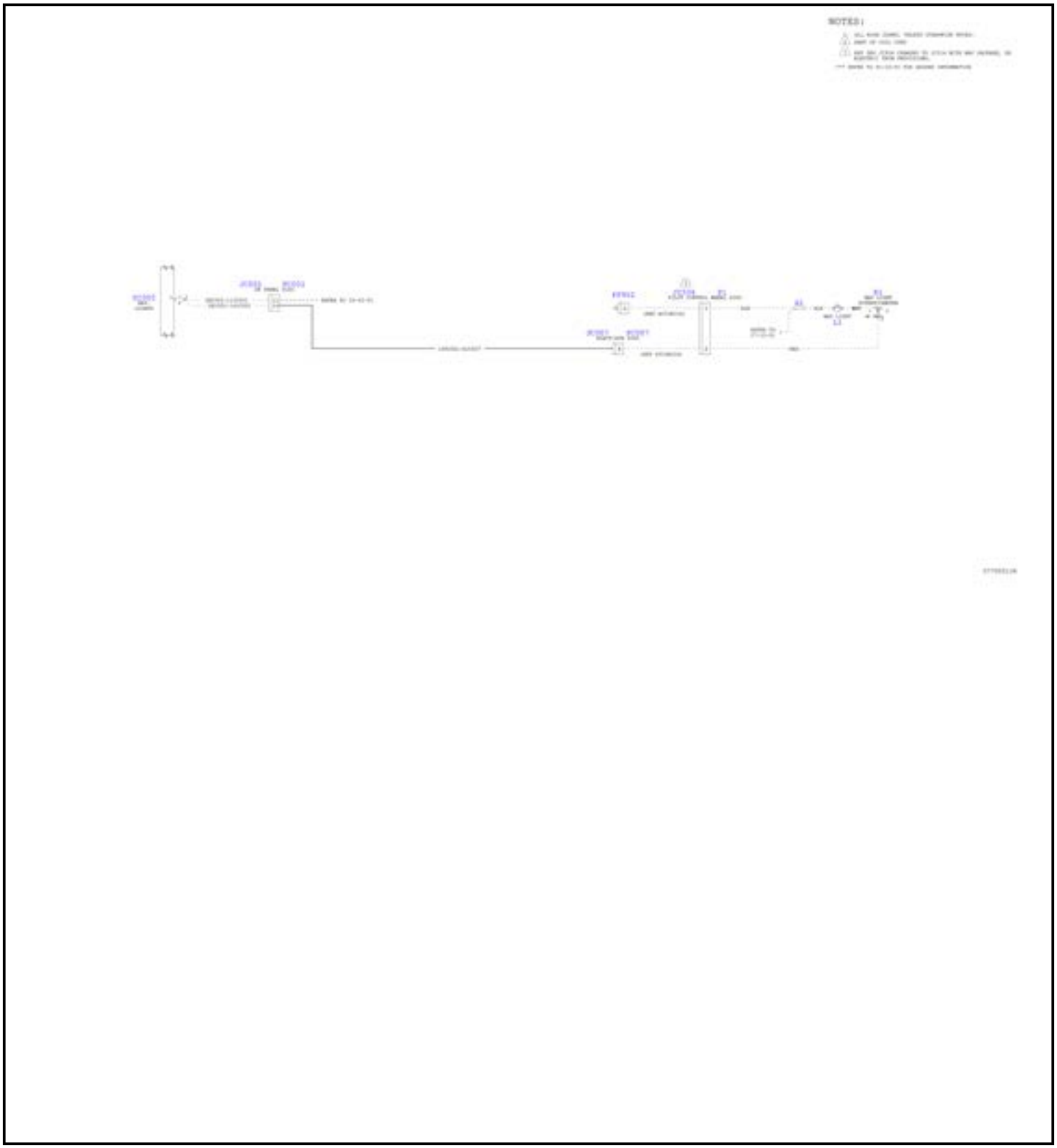
MAP LIGHTS

AIRPLANES (182) 81298 THRU 81317 AND AIRPLANES (T182) 08225 THRU 08231 WITHOUT NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
A1	S1370-1	SPLICE (ZONE 222)		(182) 81298 - 81317 (T182) 08225 - 08231	01
HI002	CM3589-5	CIRCUIT BREAKER (ZONE 224)		(182) 81298 - 81317 (T182) 08225 - 08231	01
	S2122-1	. NUT			01
JC001	S2349-5	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(182) 81298 - 81317 (T182) 08225 - 08231	01
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
JC007	S1641-9	CONNECTOR - ELECTRICAL/AVIONIC DISCONNECT (ZONE 224)		(182) 81298 - 81317 (T182) 08225 - 08231	01
	S1636-1	. CONTACT			AR
JI506	S1641-6	CONNECTOR - PILOT CONTROL WHEEL (ZONE 211)		(182) 81298 - 81317 (T182) 08225 - 08231	01
	S1636-1	. CONTACT			AR
L1	24RB	LIGHT	V80204	(182) 81298 - 81317 (T182) 08225 - 08231	01
P1	S1640-6	CONNECTOR - DIMMING MODULE (ZONE 222)		(182) 81298 - 81317 (T182) 08225 - 08231	01
	S1635-1	. CONTACT	V49367	(182) 08481 & ON (182) 81742 & ON	AR
PC001	S2350-10	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(182) 81298 - 81317 (T182) 08225 - 08231	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PC007	S1640-9	CONNECTOR - ELECTRICAL/AVIONIC DISCONNECT (ZONE 610)		(182) 81298 - 81317 (T182) 08225 - 08231	01
	S1635-1	. CONTACT	V49367		AR
PF902	SK2701	CONNECTOR (ZONE 221)	V28198	(182) 81298 - 81317 (T182) 08225 - 08231	01
	FC120N2	. CONTACT	V28198		AR
R1	S2619-1	POTENTIOMETER (ZONE 222)	V81640	(182) 81298 - 81317 (T182) 08225 - 08231	01

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Figure 04 : Sheet 01 : MAP LIGHTS



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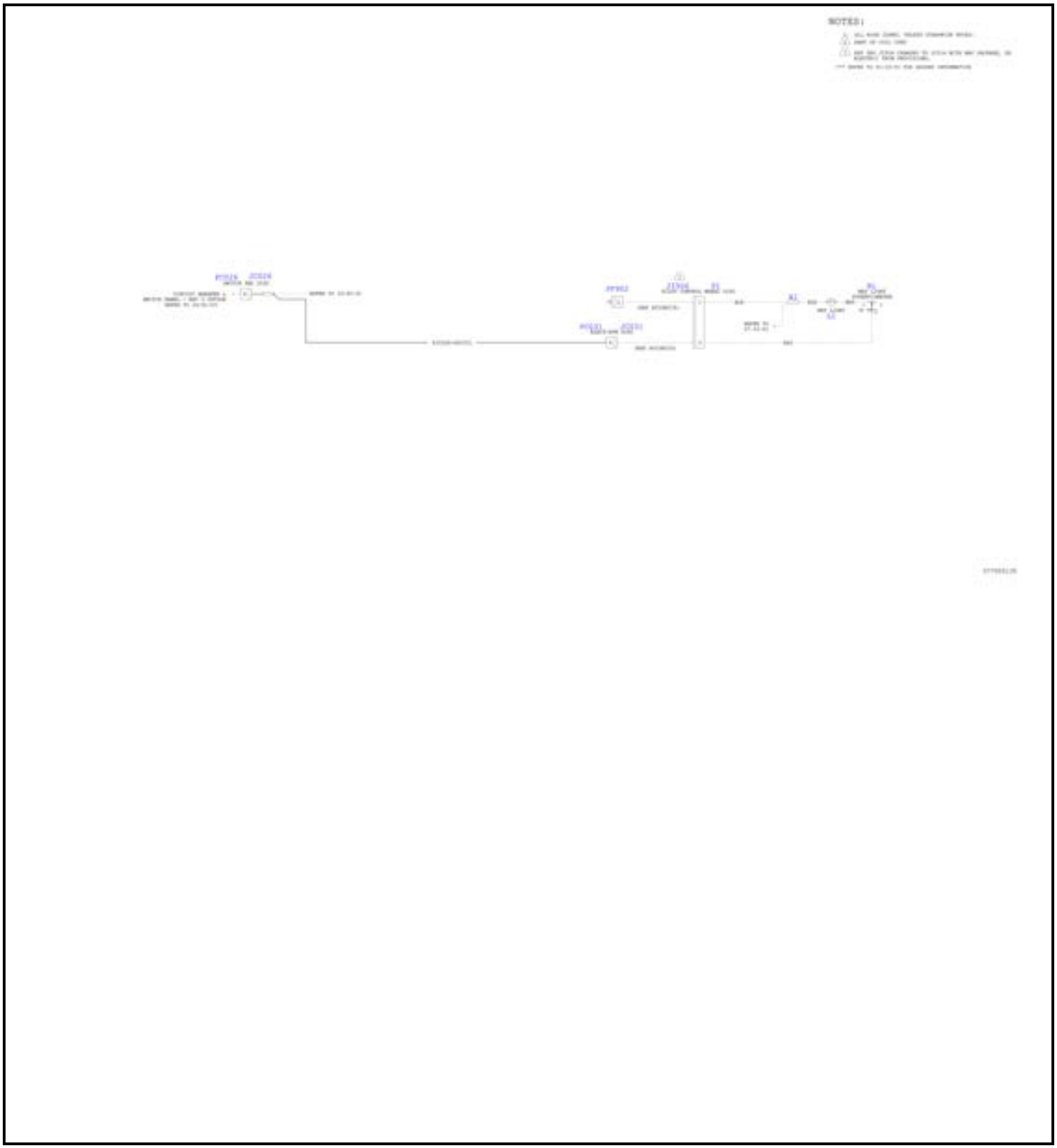
MAP LIGHTS W/NAV III

AIRPLANES (182) 81318 & ON AND AIRPLANES (T182) 08232 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
A1	S1370-1	SPLICE (ZONE 222)		(182) 81318 & ON (T182) 08232 & ON	01
JC026	S2350-3	HOUSING - RECEPTACLE (ZONE 220)		(182) 81318 & ON (T182) 08232 & ON	01
	S2353-4	. CONTACT			AR
	S2353-6	. CONTACT		(182) 81318 - 82280	AR
	S3373-1	. CONTACT			AR
	S2353-5	. PIN			AR
JC031	S2350-4	RECEPTACLE - ELECTRICAL/AVIONIC DISCONNECT	V00779	(182) 81318 & ON (T182) 08232 & ON	01
	S2353-5	. PIN			AR
JI506	S1641-6	CONNECTOR - PILOT CONTROL WHEEL (ZONE 211)		(182) 81318 & ON (T182) 08232 & ON	01
	S1636-1	. CONTACT			AR
L1	24RB	LIGHT	V80204	(182) 81318 & ON (T182) 08232 & ON	01
P1	S1640-6	CONNECTOR - DIMMING MODULE (ZONE 222)		(182) 81318 & ON (T182) 08232 & ON	01
	S1635-1	. CONTACT	V49367	(182) 08481 & ON (182) 81742 & ON	AR
PC026	S2349-1	CONNECTOR - PLUG	V00779	(182) 81318 & ON (T182) 08232 & ON	01
	S2099-13	. CONTACT		(182) 81318 - 82280 (T182) 08232 - 09023	02
	S2099-3	. CONTACT			02
	S2099-4	. CONTACT	V00779		09
	S3373-2	. CONTACT - SOCKET			02
PC031	S2349-3	CONNECTOR - ELECTRICAL/AVIONIC DISCONNECT (ZONE 220)		(182) 81318 & ON (T182) 08232 & ON	01
	S2099-2	. CONTACT - ALT FOR S2099-4			01
	S2099-4	. CONTACT	V00779		01
PF902	SK2701	CONNECTOR (ZONE 221)	V28198	(182) 81318 & ON (T182) 08232 & ON	01
	FC120N2	. CONTACT	V28198		AR
R1	S2619-1	POTENTIOMETER (ZONE 222)	V81640	(182) 81318 & ON (T182) 08232 & ON	01

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Figure 05 : Sheet 01 : MAP LIGHTS W/NAV III



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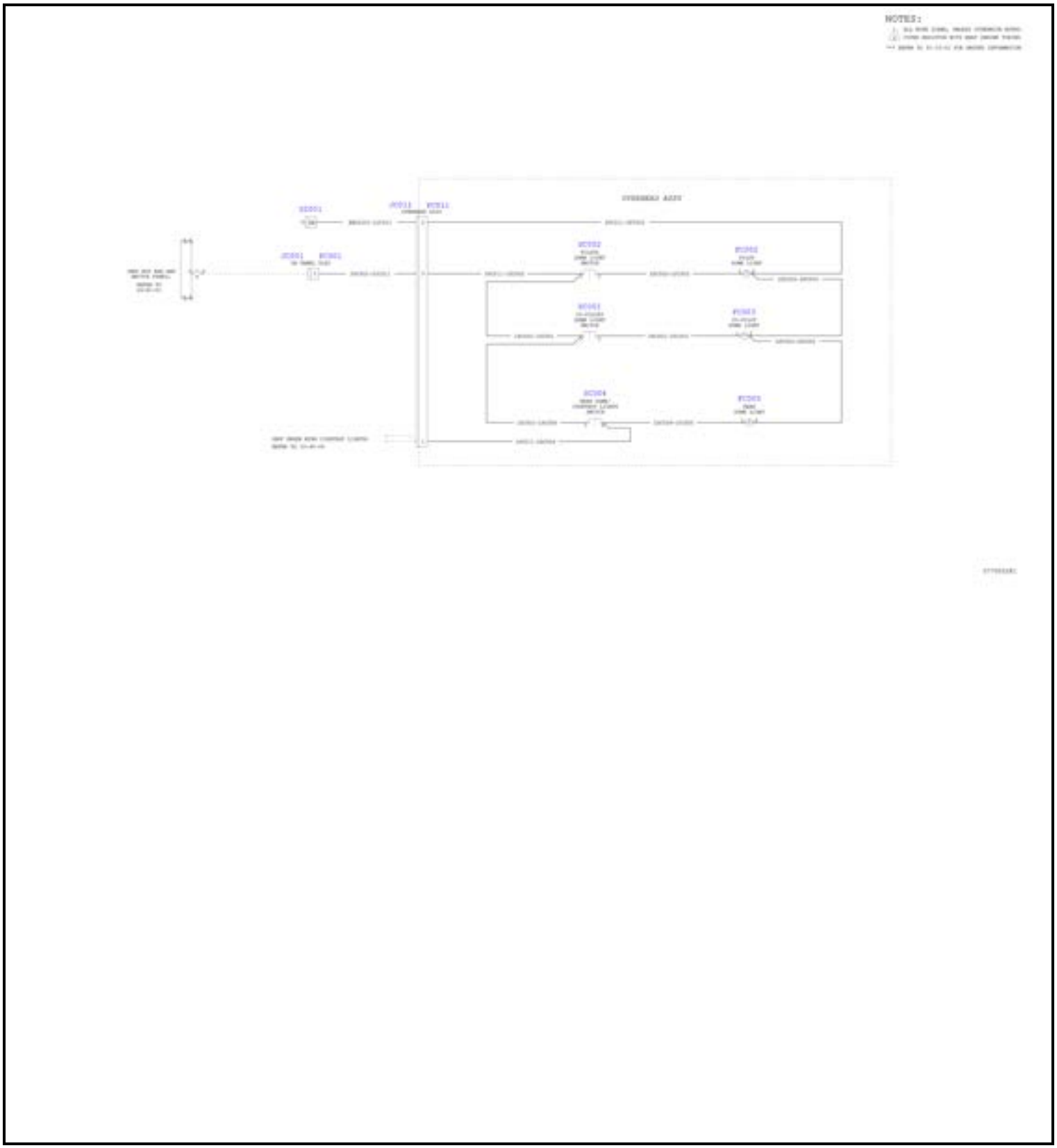
INTERIOR LIGHTS

AIRPLANES (182) 80001 THRU 80944

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
FC002		LIGHT ASSEMBLY - PILOT DOME			RF
FC003		LIGHT ASSEMBLY - COPILOT DOME			RF
FC005		LIGHT ASSEMBLY - REAR DOME			RF
GI001	200838-2	GROUND BLOCK (ZONE 211)	V00779	(182) 80001 - 80944	01
	S2099-13	. CONTACT			02
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
JC001	S2349-5	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(182) 80001 - 80944	01
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
JC011	S1638-1	CONNECTOR - OVERHEAD DISCONNECT (ZONE 210)		(182) 80001 - 80944	01
	S1636-1	. CONTACT			AR
	S1636-2	. CONTACT			AR
PC001	S2350-10	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(182) 80001 - 80944	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PC011	S1638-2	CONNECTOR - OVERHEAD DISCONNECT (ZONE 210)		(182) 80001 - 80944	01
	S1635-1	. CONTACT	V49367		AR
	S1635-2	. CONTACT		(182) 81298 & ON	AR
SC001		- COPILOT DOME LIGHT			RF
SC002		- PILOT DOME LIGHT (ZONE 210)			RF
SC004		- REAR DOME LIGHT (ZONE 210)			RF

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Figure 01 : Sheet 01 : INTERIOR LIGHTS



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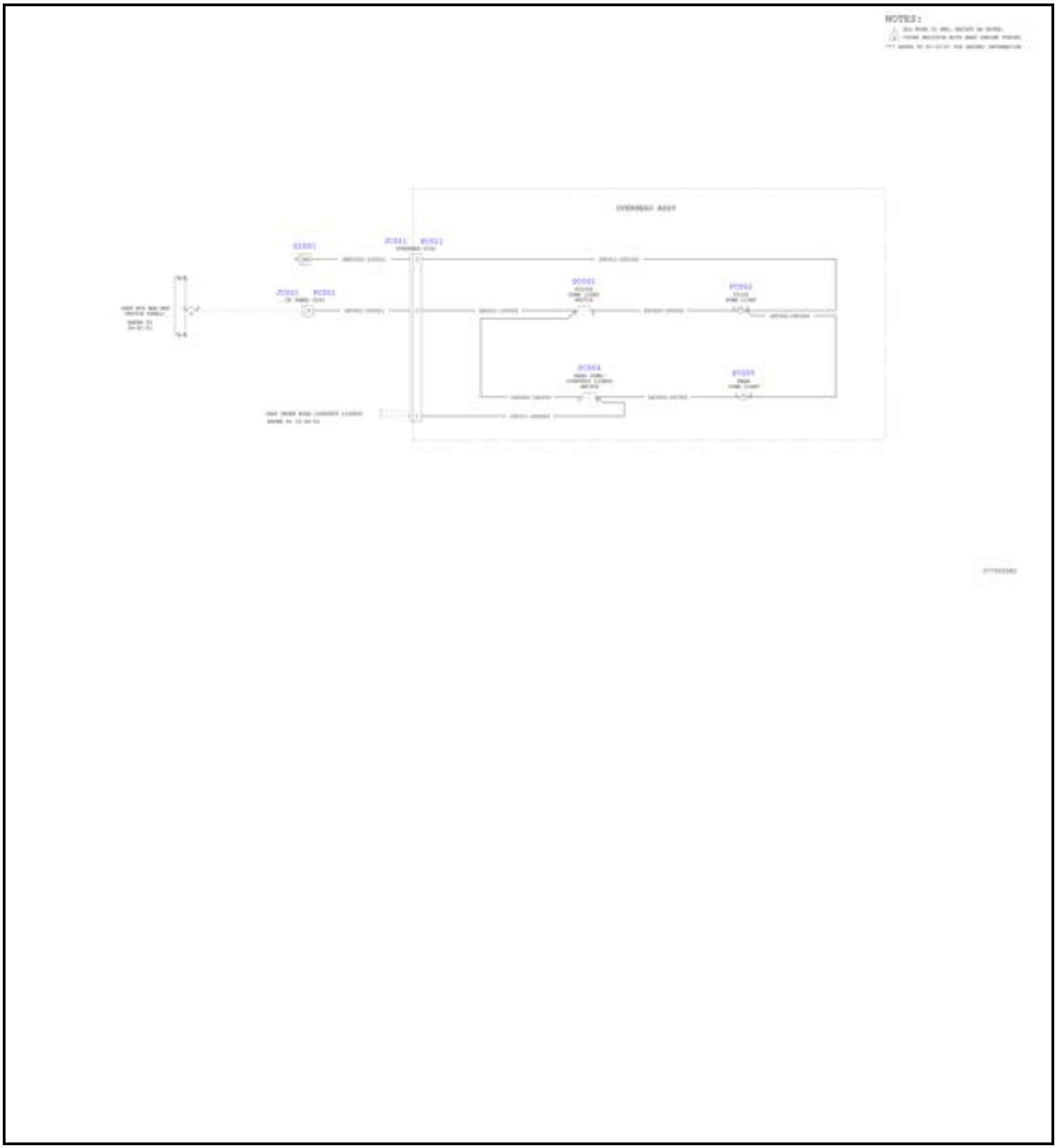
INTERIOR LIGHTS

AIRPLANES (182) 80945 THRU 81297 AND AIRPLANES (T182) 08001 THRU 08224

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
FC002		LIGHT ASSEMBLY - PILOT DOME			RF
FC005		LIGHT ASSEMBLY - REAR DOME			RF
GI001	200838-2	GROUND BLOCK (ZONE 211)	V00779	(182) 80945 - 81297 (T182) 08001 - 08224	01
	S2099-13	. CONTACT			02
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
JC001	S2349-5	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(182) 80945 - 81297 (T182) 08001 - 08224	01
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
JC011	S1638-1	CONNECTOR - OVERHEAD DISCONNECT (ZONE 210)		(182) 80945 - 81297 (T182) 08001 - 08224	01
	S1636-1	. CONTACT			AR
	S1636-2	. CONTACT			AR
PC001	S2350-10	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(182) 80945 - 81297 (T182) 08001 - 08224	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PC011	S1638-2	CONNECTOR - OVERHEAD DISCONNECT (ZONE 210)		(182) 80945 - 81297 (T182) 08001 - 08224	01
	S1635-1	. CONTACT	V49367		AR
	S1635-2	. CONTACT		(182) 81298 & ON	AR
SC002		- PILOT DOME LIGHT (ZONE 210)			RF
SC004		- REAR DOME LIGHT (ZONE 210)			RF

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Figure 02 : Sheet 01 : INTERIOR LIGHTS



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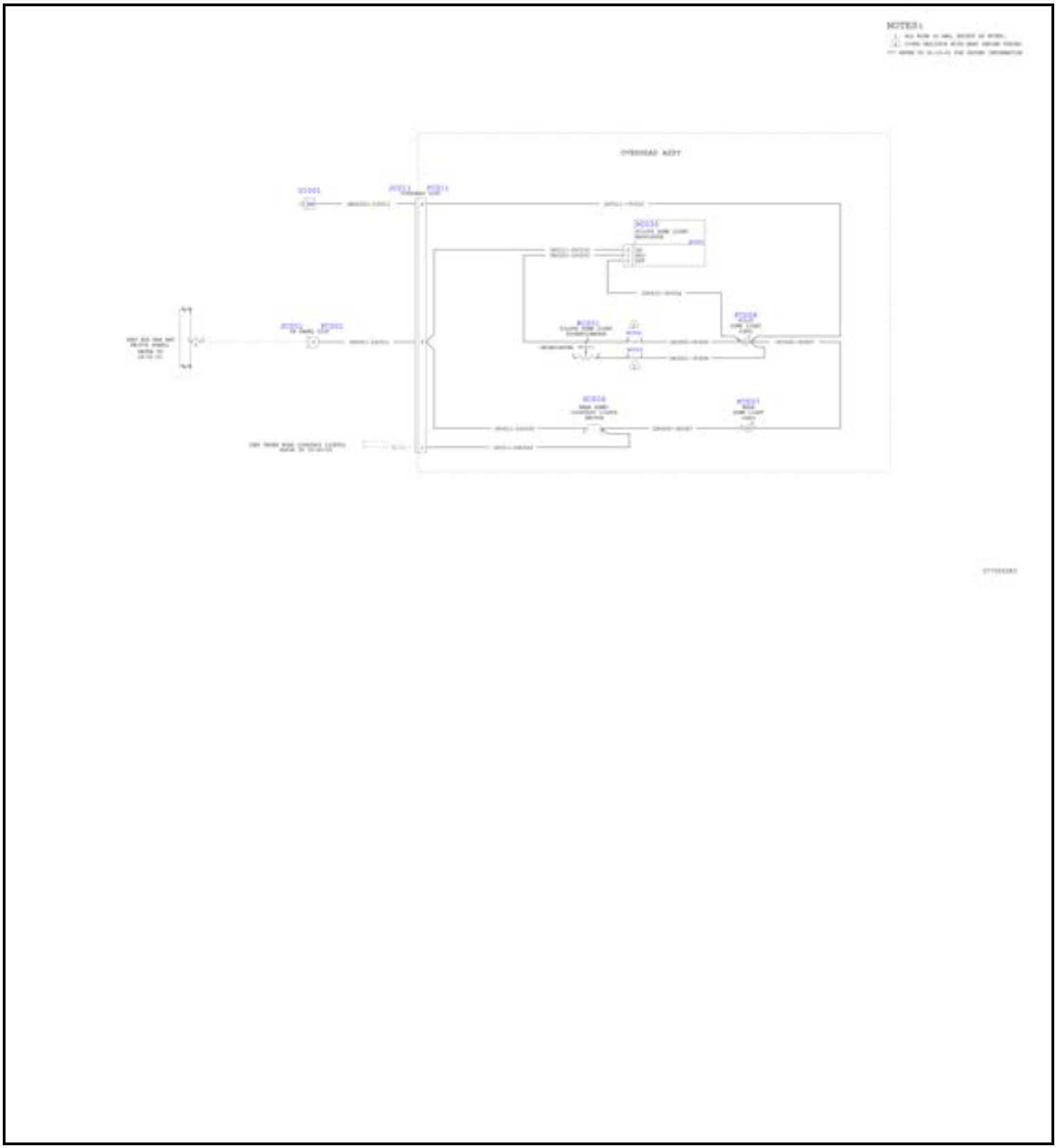
INTERIOR LIGHTS

AIRPLANES (182) 81298 THRU 81317 AND AIRPLANES (T182) 08225 THRU 08231 WITHOUT NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
FC006		LIGHT - PILOT DOME LED			RF
FC007		LIGHT - REAR DOME LED			RF
GI001	200838-2	GROUND BLOCK (ZONE 211)	V00779	(182) 81298 - 81317 (T182) 08225 - 08231	01
	S2099-13	. CONTACT			02
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
JC001	S2349-5	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(182) 81298 - 81317 (T182) 08225 - 08231	01
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
JC011	S1638-1	CONNECTOR - OVERHEAD DISCONNECT (ZONE 210)		(182) 81298 - 81317 (T182) 08225 - 08231	01
	S1636-1	. CONTACT			AR
	S1636-2	. CONTACT			AR
PC001	S2350-10	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(182) 81298 - 81317 (T182) 08225 - 08231	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PC011	S1638-2	CONNECTOR - OVERHEAD DISCONNECT (ZONE 210)		(182) 81298 - 81317 (T182) 08225 - 08231	01
	S1635-1	. CONTACT	V49367		AR
	S1635-2	. CONTACT		(182) 81298 & ON	AR
PC033	08-50-0114	TERMINAL (ZONE 210)	V27264	(182) 81298 - 81317 (T182) 08225 - 08231	01
	10-17-2032	. CONTACT	V27264		01
QC001		REGULATOR VOLTAGE - ADJUSTABLE			RF
RC001	S2619-1	POTENTIOMETER - DOME LIGHT	V81640	(182) 81298 - 81317 (T182) 08225 - 08231	01
RC002	CCF-5595R3F	RESISTOR	V91637	(182) 81298 - 81317 (T182) 08225 - 08231	01
RC003	CCF-554320F	RESISTOR (ZONE 210)	V91637	(182) 81298 - 81317 (T182) 08225 - 08231	01
SC004		- REAR DOME LIGHT (ZONE 210)			RF

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Figure 03 : Sheet 01 : INTERIOR LIGHTS



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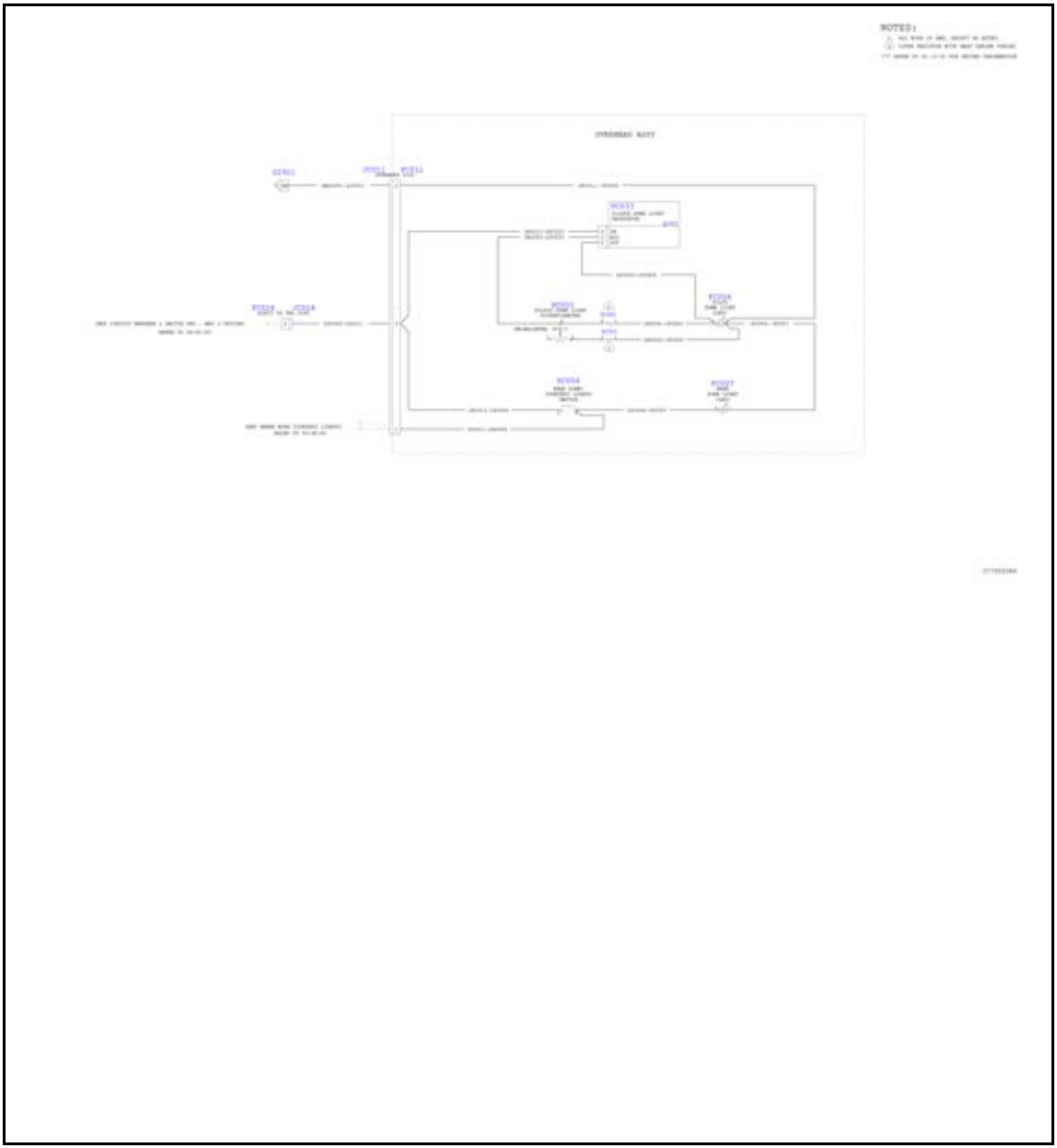
INTERIOR LIGHTS W/NAV III

AIRPLANES (182) 81318 THRU 81741 AND AIRPLANES (T182) 08232 THRU 08480 WITH NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
FC006		LIGHT - PILOT DOME LED			RF
FC007		LIGHT - REAR DOME LED			RF
GI001	200838-2	GROUND BLOCK (ZONE 211)	V00779	(182) 81318 - 81741 (T182) 08232 - 08480	01
	S2099-13	. CONTACT			02
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
JC011	S1638-1	CONNECTOR - OVERHEAD DISCONNECT (ZONE 210)		(182) 81318 - 81741 (T182) 08232 - 08480	01
	S1636-1	. CONTACT			AR
	S1636-2	. CONTACT			AR
JC024	S2350-4	RECEPTACLE (ZONE 220)	V00779	(182) 81318 & ON (T182) 08232 & ON	01
	S2353-4	. CONTACT			01
	S2353-5	. PIN			01
PC011	S1638-2	CONNECTOR - OVERHEAD DISCONNECT (ZONE 210)		(182) 81318 - 81741 (T182) 08232 - 08480	01
	S1635-1	. CONTACT	V49367		AR
	S1635-2	. CONTACT		(182) 81298 & ON	AR
PC024	S2349-3	PLUG (ZONE 220)		(182) 81318 & ON (T182) 08232 & ON	01
	S2099-3	. CONTACT			01
	S2099-4	. CONTACT	V00779		01
PC033	08-50-0114	TERMINAL (ZONE 210)	V27264	(182) 81318 - 81741 (T182) 08232 - 08480	01
	10-17-2032	. CONTACT	V27264		01
QC001		REGULATOR VOLTAGE - ADJUSTABLE			RF
RC001	S2619-1	POTENTIOMETER - DOME LIGHT	V81640	(182) 81318 - 81741 (T182) 08232 - 08480	01
RC002	CCF-5595R3F	RESISTOR	V91637	(182) 81318 - 81741 (T182) 08232 - 08480	01
RC003	CCF-554320F	RESISTOR (ZONE 210)	V91637	(182) 81318 - 81741 (T182) 08232 - 08480	01
SC004		- REAR DOME LIGHT (ZONE 210)			RF

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Figure 04 : Sheet 01 : INTERIOR LIGHTS W/NAV III



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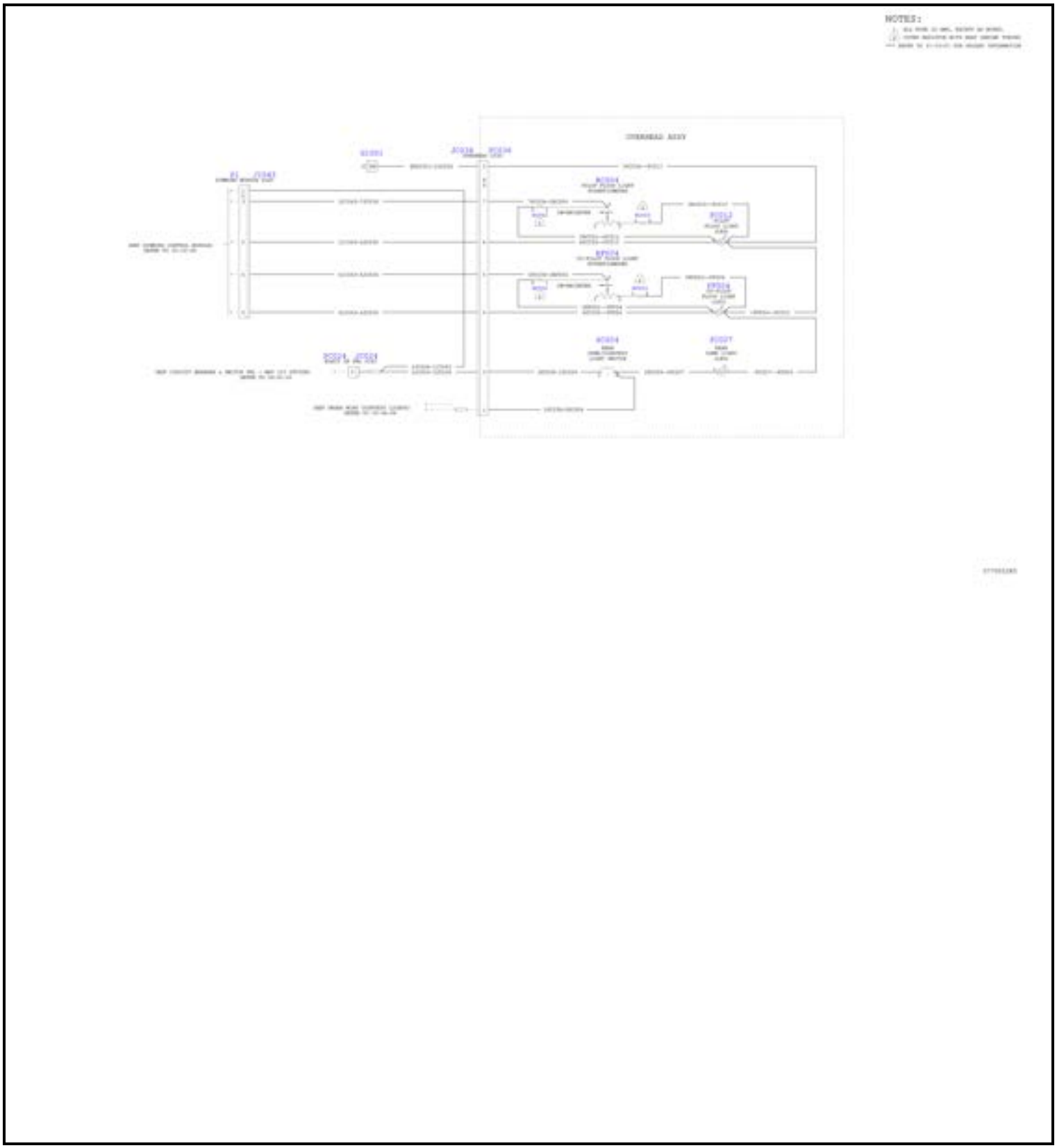
INTERIOR LIGHTS W/NAV III

AIRPLANES (182) 81742 & ON WITH NAV III OPTION AND AIRPLANES (T182) 08481 & ON WITH NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
FC007		LIGHT - REAR DOME LED			RF
FC012		LIGHT ASSEMBLY - LED PILOT FLOOD			RF
FF004		LIGHT ASSEMBLY - LED COPILOT FLOOD			RF
GI001	200838-2	GROUND BLOCK (ZONE 211)	V00779	(182) 81742 & ON (T182) 08481 & ON	01
	S2099-13	. CONTACT			02
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
JC024	S2350-4	RECEPTACLE (ZONE 220)	V00779	(182) 81318 & ON (T182) 08232 & ON	01
	S2353-4	. CONTACT			01
	S2353-5	. PIN			01
JC036	S1641-9	CONNECTOR		(182) 81742 & ON (T182) 08481 & ON	01
	S1636-1	. SOCKET			AR
	S1636-2	. SOCKET			AR
JI043	S1641-6	CONNECTOR		(182) 81742 & ON (T182) 08481 & ON	01
	S1636-1	. SOCKET			AR
P1	1-480351-0	CONNECTOR - STROBE DISCONNECT (ZONE 520)	V10402	(182) 81742 & ON (T182) 08481 & ON	01
PC024	S2349-3	PLUG (ZONE 220)		(182) 81318 & ON (T182) 08232 & ON	01
	S2099-3	. CONTACT			01
	S2099-4	. CONTACT	V00779		01
PC036	S1640-9	CONNECTOR		(182) 81742 & ON (T182) 08481 & ON	01
	S1635-1	. PIN	V49367		AR
RC002	CCF-5595R3F	RESISTOR	V91637	(182) 81742 & ON (T182) 08481 & ON	01
RC003	CCF-554320F	RESISTOR (ZONE 210)	V91637	(182) 81742 & ON (T182) 08481 & ON	01
RC004	S2619-1	POTENTIOMETER - PILOT FLOOD LIGHT	V81640	(182) 81742 & ON (T182) 08481 & ON	01
RF002	CCF-5595R3F	RESISTOR	V91637	(182) 81742 & ON (T182) 08481 & ON	01
RF003	CCF-554320F	RESISTOR	V91637	(182) 81742 & ON (T182) 08481 & ON	01
RF004	S2619-1	POTENTIOMETER - COPILOT FLOOD LIGHT	V81640	(182) 81742 & ON (T182) 08481 & ON	01
SC004		- REAR DOME LIGHT (ZONE 210)			RF

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Figure 05 : Sheet 01 : INTERIOR LIGHTS W/NAV III



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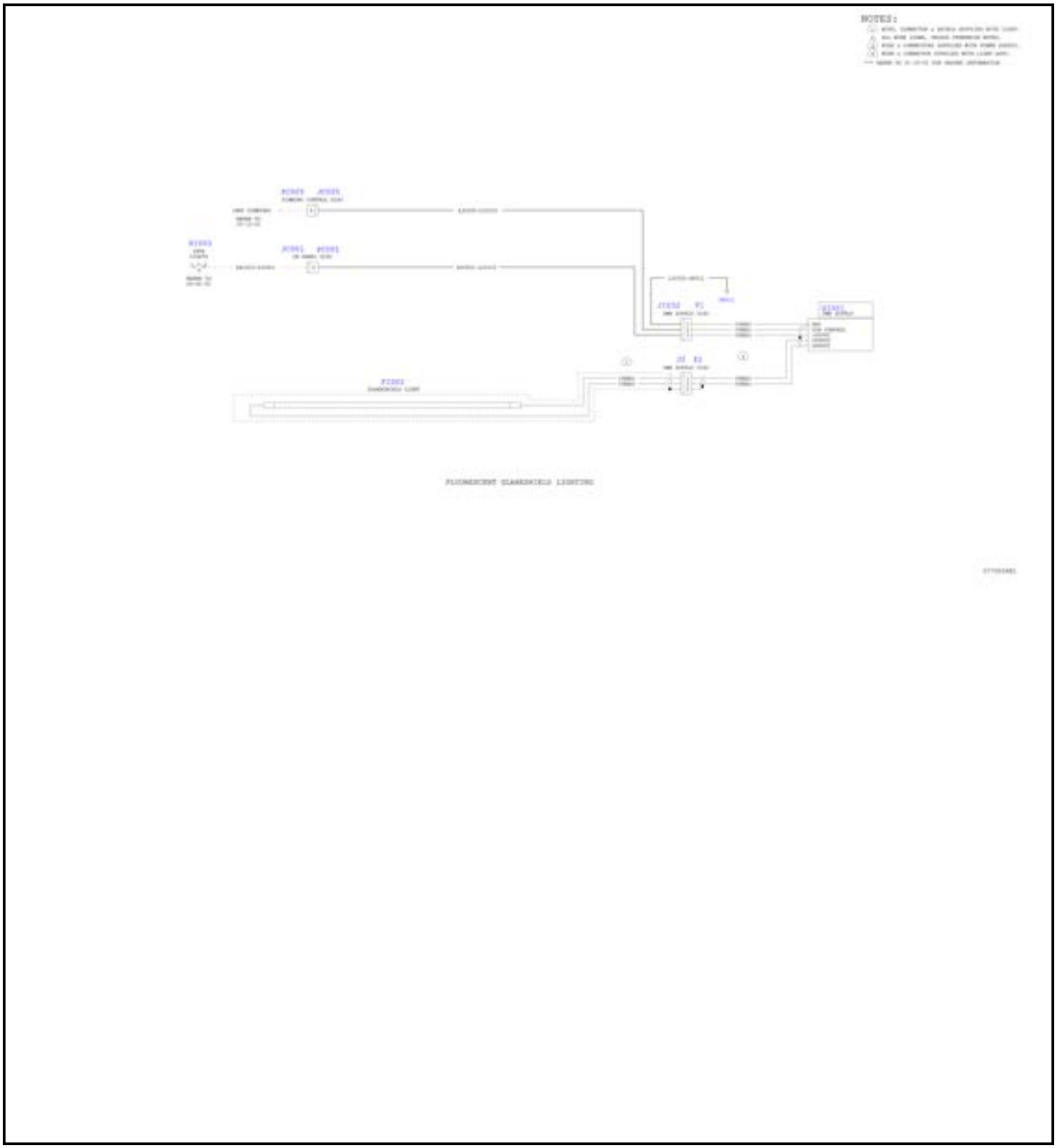
GLARESHIELD LIGHTING

AIRPLANES (182) 80001 THRU 80944

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
FI002		LIGHT - GLARESHIELD			RF
GF011		GROUND (ZONE 210)			RF
HI003	S1360-5L	CIRCUIT BREAKER (ZONE 224)		(182) 80001 - 80944	01
J2	770585-1	CONNECTOR - POWER SUPPLY DISCONNECT (ZONE 121)	V00779	(182) 80001 - 80944	01
JC001	S2349-5	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(182) 80001 - 80944	01
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
JC005	S1641-9	CONNECTOR - DIMMING CONTROL (ZONE 210)		(182) 80001 - 80944	01
	S1636-1	. ELECTRICAL SOCKET			01
	S1636-2	. SOCKET			01
JI032	S1638-1	CONNECTOR - POWER SUPPLY (ZONE 211)		(182) 80001 - 80944	01
	S1636-1	. CONTACT			AR
P1	S1640-6	CONNECTOR - DIMMING MODULE (ZONE 222)		(182) 80001 - 80944	01
	S1635-1	. CONTACT	V49367	(182) 08481 & ON (182) 81742 & ON	AR
P2	350767-1	CONNECTOR - GLARESHIELD LIGHTING (ZONE 223)	V33497	(182) 80001 - 80944	01
	3101206	. CONTACT	V33497		01
PC001	S2350-10	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(182) 80001 - 80944	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PC005	S1640-9	CONNECTOR - DIMMING CONTROL MODULE DISCONNECT (ZONE 210)		(182) 80001 - 80944	01
	S1635-1	. CONTACT	V49367		AR
	S1635-2	. CONTACT		(182) 80945 & ON	AR
	S2099-4	. CONTACT	V00779		
UI001	6900173	POWER SUPPLY - INVERTER (ZONE 220)	V33497	(182) 80001 - 80944	01

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Figure 01 : Sheet 01 : GLARESHIELD LIGHTING



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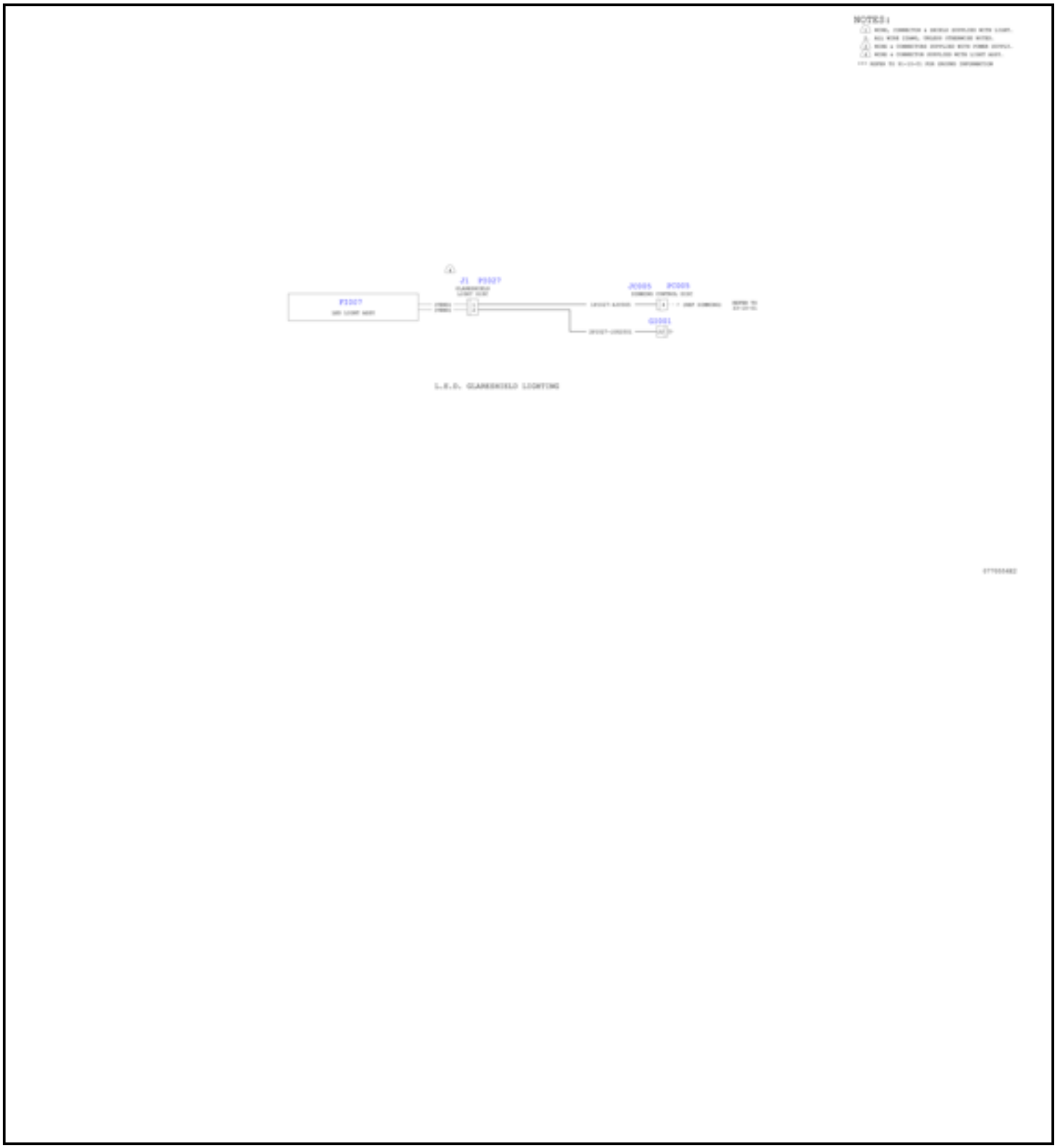
GLARESHIELD LIGHTING

AIRPLANES (182) 80945 & ON AND AIRPLANES (T182) 08001 & ON WITHOUT NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
FI007		LED LIGHT ASSEMBLY			RF
GI001	200838-2	GROUND BLOCK (ZONE 211)	V00779	(182) 80945 & ON (T182) 08001 & ON	01
	S2099-13	. CONTACT			02
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
J1	39-0050588-00	CONNECTOR - STROBE DISCONNECT (ZONE 121)	V10402	(182) 80945 & ON (T182) 08001 & ON	01
	39-0403023-04	. CONTACT	V10402		01
JC005	S1641-9	CONNECTOR - DIMMING CONTROL (ZONE 210)		(182) 80945 & ON (T182) 08001 & ON	01
	S1636-1	. ELECTRICAL SOCKET			01
	S1636-2	. SOCKET			01
PC005	S1640-9	CONNECTOR - DIMMING CONTROL MODULE DISCONNECT (ZONE 210)		(182) 80945 & ON (T182) 08001 & ON	01
	S1635-1	. CONTACT	V49367		AR
	S1635-2	. CONTACT		(182) 80945 & ON	AR
	S2099-4	. CONTACT	V00779		
PI027	S2035-2	CONNECTOR (ZONE 211)	V00779	(182) 80945 & ON (T182) 08001 & ON	02
	S1636-1	. CONTACT			AR

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Figure 02 : Sheet 01 : GLARESHIELD LIGHTING



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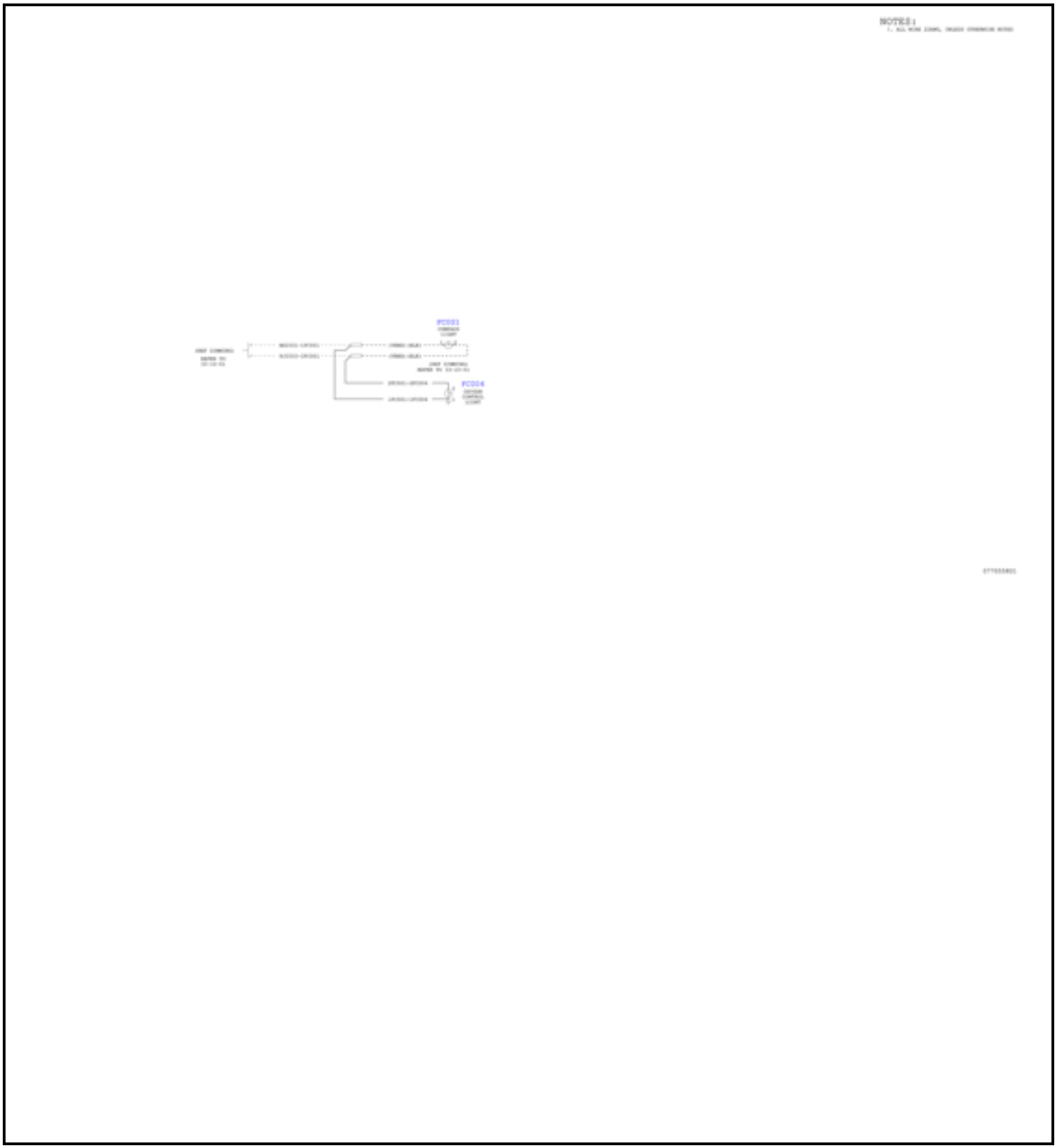
OXYGEN LIGHTING

AIRPLANES (182) 00001 & ON WITHOUT NAV III OPTION AND AIRPLANES (T182) 08001 & ON WITHOUT NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
FC001		LIGHT - COMPASS (ZONE 211)			RF
FC004	S1873-1	LIGHT - OXYGEN GAGE (ZONE 211)		(182) 00001 & ON (T182) 08001 & ON	01
	327	. BULB	V81590		01
	2-328975-3	. TERMINAL	V00779		AR

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Figure 01 : Sheet 01 : OXYGEN LIGHTING



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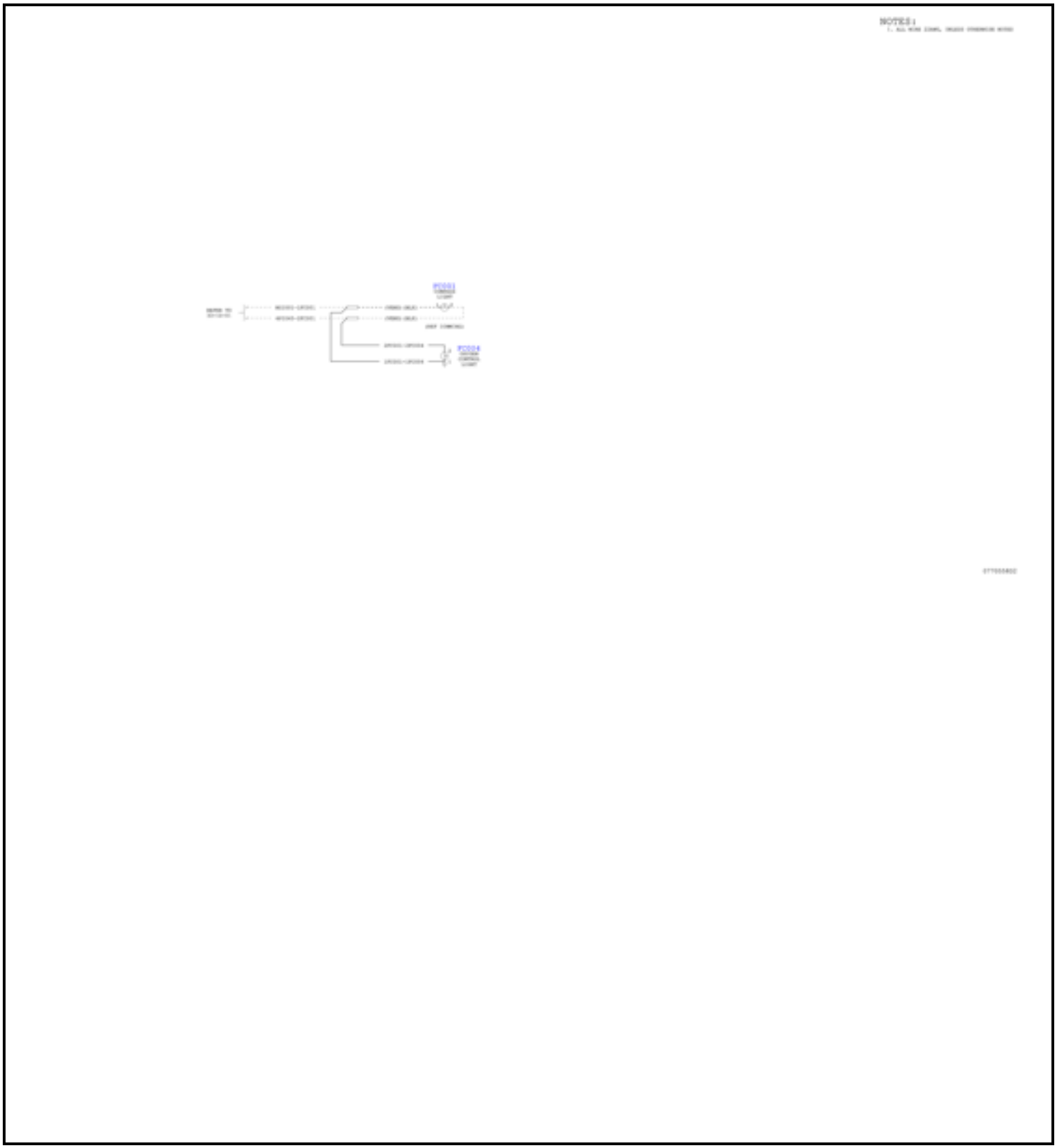
OXYGEN LIGHTING W/NAV III

AIRPLANES (T182) 08232 & ON WITH NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
FC001		LIGHT - COMPASS (ZONE 211)			RF
FC004	S1873-1	LIGHT - OXYGEN GAGE (ZONE 211)		(T182) 08232 & ON	01
	327	. BULB	V81590		01
	2-328975-3	. TERMINAL	V00779		AR

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Figure 02 : Sheet 01 : OXYGEN LIGHTING W/NAV III



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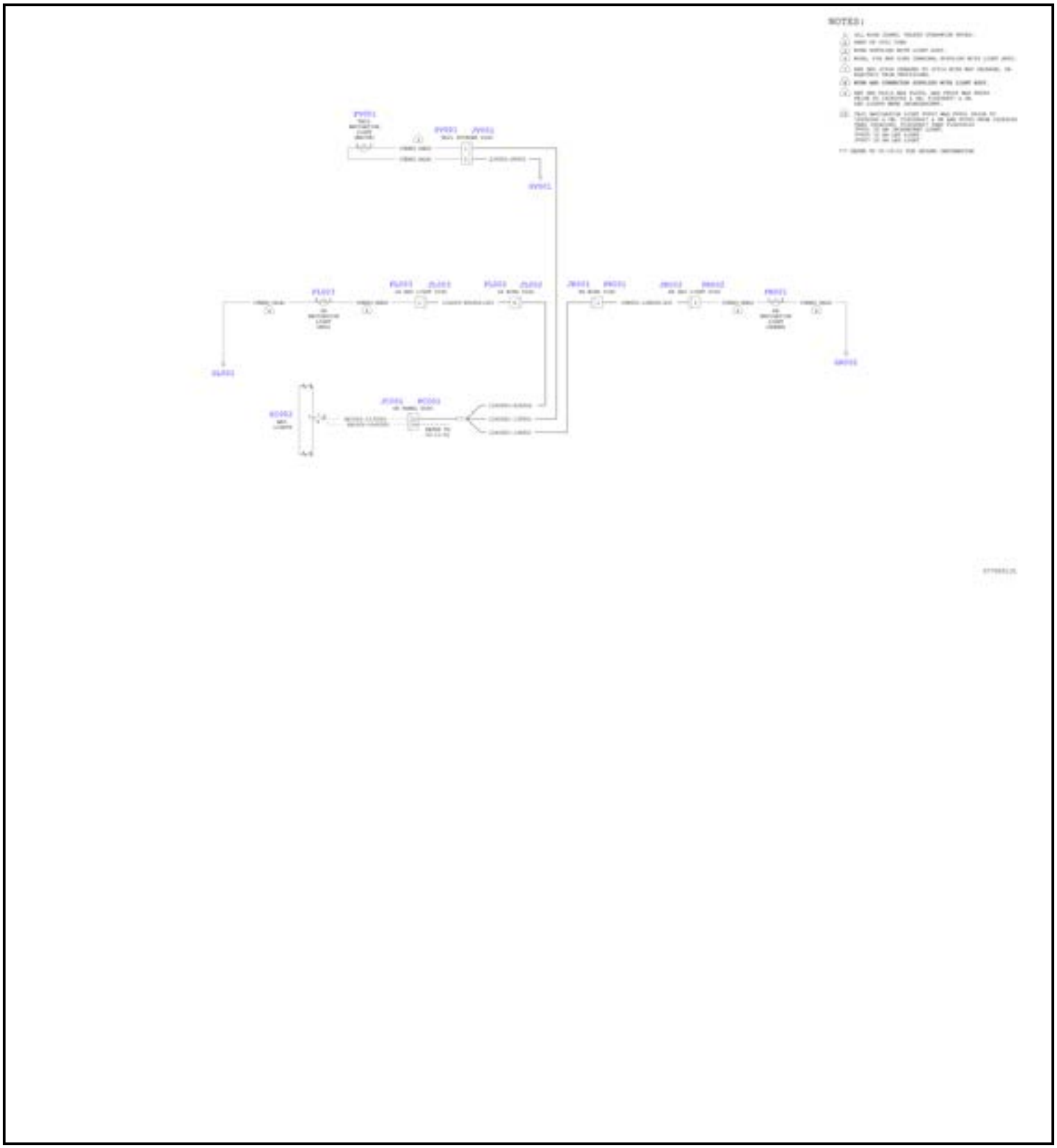
NAVIGATION LIGHTS

AIRPLANES (182) 80001 THRU 80003

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
FL003		LIGHT			RF
FR001		LIGHT - RIGHT NAVIGATION (GREEN)			RF
FV001		LIGHT			RF
GL001	2-36153-2	GROUND (ZONE 520)	V10402	(182) 80001 - 80003	01
GR002	2-36153-2	GROUND - RIGHT STROBE POWER SUPPLY DISCONNECT (ZONE 620)	V10402	(182) 80001 - 80003	01
GV001	0708001-2	GROUND (ZONE 340)		(182) 80001 - 80003	01
HI002	CM3589-5	CIRCUIT BREAKER (ZONE 224)		(182) 80001 - 80003	01
	S2122-1	. NUT			01
JC001	S2349-5	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(182) 80001 - 80003	01
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
JL002	S1641-12	HOUSING (ZONE 510)		(182) 80001 - 80003	01
	S1636-1	. ELECTRICAL SOCKET			AR
	S1636-2	. SOCKET			AR
JL003	S1637-2	CONNECTOR (ZONE 520)		(182) 80001 - 80003	01
	S1636-1	. CONTACT			AR
JR001	S1641-9	CONNECTOR - RIGHT WING DISCONNECT (ZONE 610)		(182) 80001 - 80003	01
	S1636-1	. CONTACT			AR
	S1636-2	. CONTACT			AR
JR002	S1637-2	CONNECTOR (ZONE 620)		(182) 80001 - 80003	01
	S1636-1	. CONTACT			AR
JV001	S2035-2	CONNECTOR - TAIL/STINGER DISCONNECT (ZONE 340)	V00779	(182) 80001 - 80003	01
	S1636-1	. CONTACT			AR
PC001	S2350-10	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(182) 80001 - 80003	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PL002	S1640-12	HOUSING (ZONE 510)		(182) 80001 - 80003	01
	S1635-1	. PIN	V49367		AR
	S1635-2	. PIN			AR
PL003		CONNECTOR (ZONE 520)			RF
PR001	S1640-9	CONNECTOR - RIGHT WING DISCONNECT (ZONE 610)		(182) 80001 - 80003	01
	S1635-1	. CONTACT	V49367		AR
	S1635-2	. CONTACT			AR
PR002		CONNECTOR (ZONE 620)			RF
PV001	S2035-1	CONNECTOR - TAIL/STINGER DISCONNECT (ZONE 340) ALTERNATE SPARE (INTERCHANGEABLE WITH): S1635-1		(182) 80001 - 80003	01
	S1635-1	CONTACT ALTERNATE SPARE (INTERCHANGEABLE WITH): S2035-1	V49367	(182) 80001 - 80003	01

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Figure 01 : Sheet 01 : NAVIGATION LIGHTS



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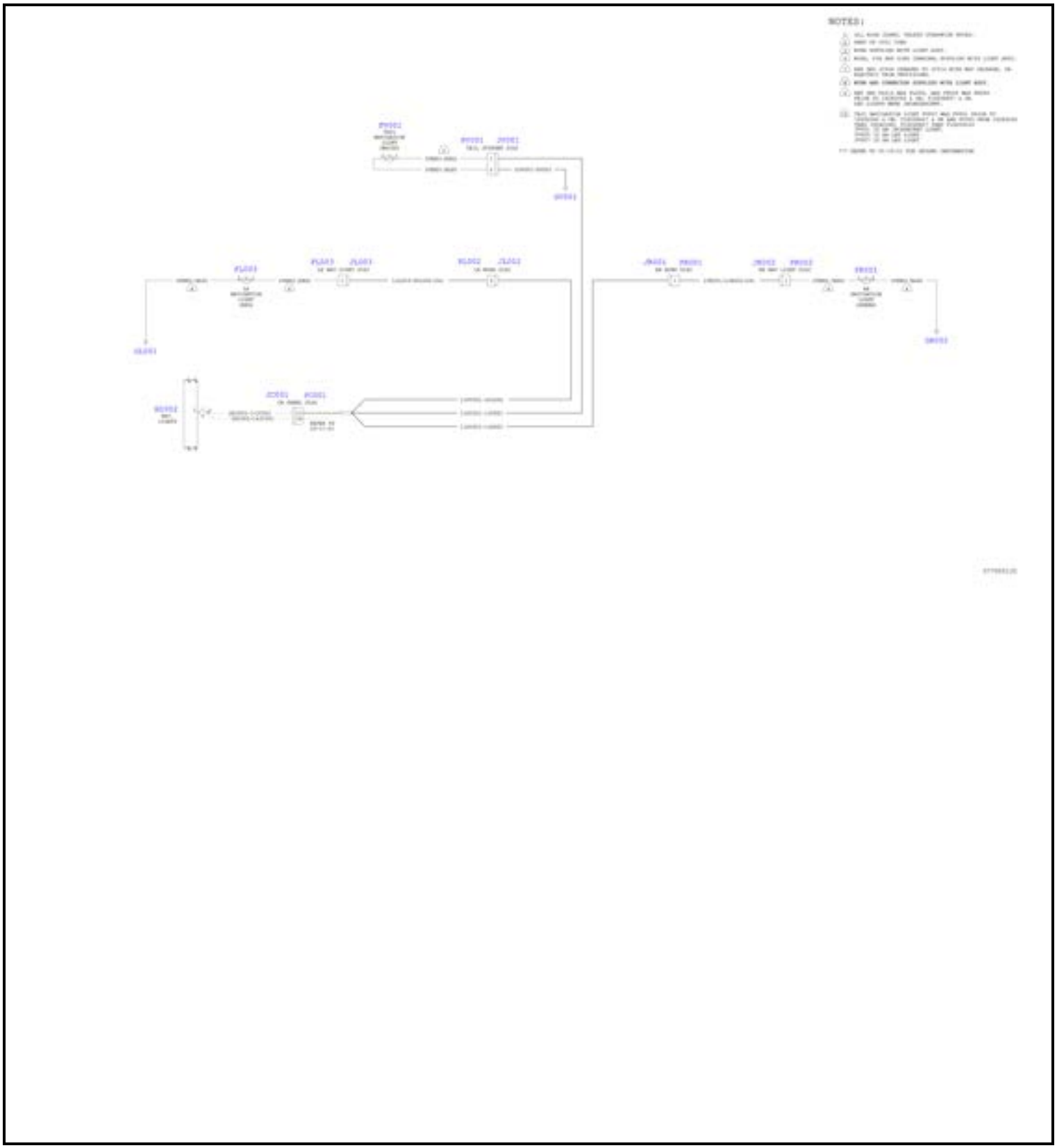
NAVIGATION LIGHTS

AIRPLANES (182) 80004 THRU 80944

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
FL003		LIGHT			RF
FR001		LIGHT - RIGHT NAVIGATION (GREEN)			RF
FV001		LIGHT			RF
GL001	2-36153-2	GROUND (ZONE 520)	V10402	(182) 80004 - 80944	01
GR002	2-36153-2	GROUND - RIGHT STROBE POWER SUPPLY DISCONNECT (ZONE 620)	V10402	(182) 80004 - 80944	01
GV001	0708001-2	GROUND (ZONE 340)		(182) 80004 - 80944	01
HI002	CM3589-5	CIRCUIT BREAKER (ZONE 224)		(182) 80004 - 80944	01
	S2122-1	. NUT			01
JC001	S2349-5	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(182) 80004 - 80944	01
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
JL002	S1641-12	HOUSING (ZONE 510)		(182) 80004 - 80944	01
	S1636-1	. ELECTRICAL SOCKET			AR
	S1636-2	. SOCKET			AR
JL003	S1637-2	CONNECTOR (ZONE 520)		(182) 80004 - 80944	01
	S1636-1	. CONTACT			AR
JR001	S1641-9	CONNECTOR - RIGHT WING DISCONNECT (ZONE 610)		(182) 80004 - 80944	01
	S1636-1	. CONTACT			AR
	S1636-2	. CONTACT			AR
JR002	S1637-2	CONNECTOR (ZONE 620)		(182) 80004 - 80944	01
	S1636-1	. CONTACT			AR
JV001	S2035-2	CONNECTOR - TAIL/STINGER DISCONNECT (ZONE 340)	V00779	(182) 80004 - 80944	01
	S1636-1	. CONTACT			AR
PC001	S2350-10	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(182) 80004 - 80944	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PL002	S1640-12	HOUSING (ZONE 510)		(182) 80004 - 80944	01
	S1635-1	. PIN	V49367		AR
	S1635-2	. PIN			AR
PL003		CONNECTOR (ZONE 520)			RF
PR001	S1640-9	CONNECTOR - RIGHT WING DISCONNECT (ZONE 610)		(182) 80004 - 80944	01
	S1635-1	. CONTACT	V49367		AR
	S1635-2	. CONTACT			AR
PR002		CONNECTOR (ZONE 620)			RF
PV001	S2035-1	CONNECTOR - TAIL/STINGER DISCONNECT (ZONE 340) ALTERNATE SPARE (INTERCHANGEABLE WITH): S1635-1		(182) 80004 - 80944	01
	S1635-1	CONTACT ALTERNATE SPARE (INTERCHANGEABLE WITH): S2035-1	V49367	(182) 80004 - 80944	01

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Figure 02 : Sheet 01 : NAVIGATION LIGHTS



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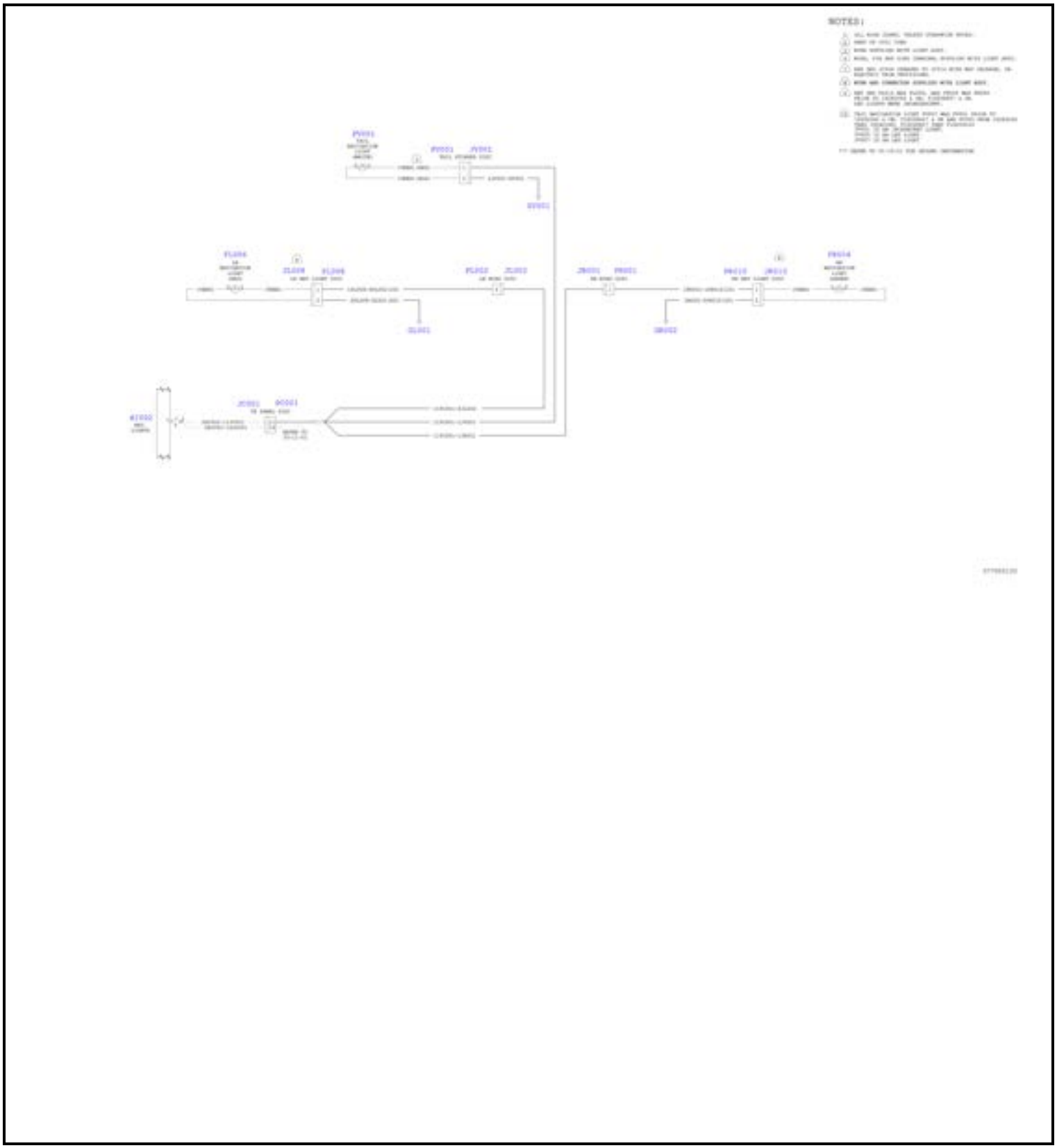
NAVIGATION LIGHTS

AIRPLANES (182) 80945 THRU 81297 AND AIRPLANES (T182) 08001 THRU 08224

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
FL006	01-0770082-12	LIGHT - LEFT NAVIGATION (RED) (ZONE 520)	V10402	(182) 80945 - 81297 (T182) 08001 - 08224	01
FR004	01-0770082-13	LIGHT - RIGHT NAVIGATION (GREEN) (ZONE 620)	V10402	(182) 80945 - 81297 (T182) 08001 - 08224	01
FV001		LIGHT			RF
GL001	2-36153-2	GROUND (ZONE 520)	V10402	(182) 80945 - 81297 (T182) 08001 - 08224	01
GR002	2-36153-2	GROUND - RIGHT STROBE POWER SUPPLY DISCONNECT (ZONE 620)	V10402	(182) 80945 - 81297 (T182) 08001 - 08224	01
GV001	0708001-2	GROUND (ZONE 340)		(182) 80945 - 81297 (T182) 08001 - 08224	01
HI002	CM3589-5	CIRCUIT BREAKER (ZONE 224)		(182) 80945 - 81297 (T182) 08001 - 08224	01
	S2122-1	. NUT			01
JC001	S2349-5	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(182) 80945 - 81297 (T182) 08001 - 08224	01
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
JL002	S1641-12	HOUSING (ZONE 510)		(182) 80945 - 81297 (T182) 08001 - 08224	01
	S1636-1	. ELECTRICAL SOCKET			AR
	S1636-2	. SOCKET			AR
JL008	1-480319-0	CONNECTOR - LEFT NAGIVATION LIGHT DISCONNECT (ZONE 520)	V10402	(182) 80945 - 81297 (T182) 08001 - 08224	01
JR001	S1641-9	CONNECTOR - RIGHT WING DISCONNECT (ZONE 610)		(182) 80945 - 81297 (T182) 08001 - 08224	01
	S1636-1	. CONTACT			AR
	S1636-2	. CONTACT			AR
JR010	1-480319-0	CONNECTOR - RIGHT NAVIGATION DISCONNECT (ZONE 620)	V10402	(182) 80945 - 81297 (T182) 08001 - 08224	01
JV001	S2035-2	CONNECTOR - TAIL/STINGER DISCONNECT (ZONE 340)	V00779	(182) 80945 - 81297 (T182) 08001 - 08224	01
	S1636-1	. CONTACT			AR
PC001	S2350-10	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(182) 80945 - 81297 (T182) 08001 - 08224	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PL002	S1640-12	HOUSING (ZONE 510)		(182) 80945 - 81297 (T182) 08001 - 08224	01
	S1635-1	. PIN	V49367		AR
	S1635-2	. PIN			AR
PL008	S2035-2	CONNECTOR - LEFT NAVIGATION LIGHT DISCONNECT (ZONE 510)	V00779	(182) 80945 - 81297 (T182) 08001 - 08224	01
	S1636-1	. CONTACT			AR
PR001	S1640-9	CONNECTOR - RIGHT WING DISCONNECT (ZONE 610)		(182) 80945 - 81297 (T182) 08001 - 08224	01
	S1635-1	. CONTACT	V49367		AR
	S1635-2	. CONTACT			AR
PR010	S2035-2	CONNECTOR - RIGHT NAVIGATION LIGHT DISCONNECT (ZONE 610)	V00779	(182) 80945 - 81297 (T182) 08001 - 08224	01
	S1636-1	. CONTACT			AR
PV001	S2035-1	CONNECTOR - TAIL/STINGER DISCONNECT (ZONE 340) ALTERNATE SPARE (INTERCHANGEABLE WITH): S1635-1		(182) 80945 - 81297 (T182) 08001 - 08224	01
	S1635-1	CONTACT ALTERNATE SPARE (INTERCHANGEABLE WITH): S2035-1	V49367	(182) 80945 - 81297 (T182) 08001 - 08224	01

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Figure 03 : Sheet 01 : NAVIGATION LIGHTS



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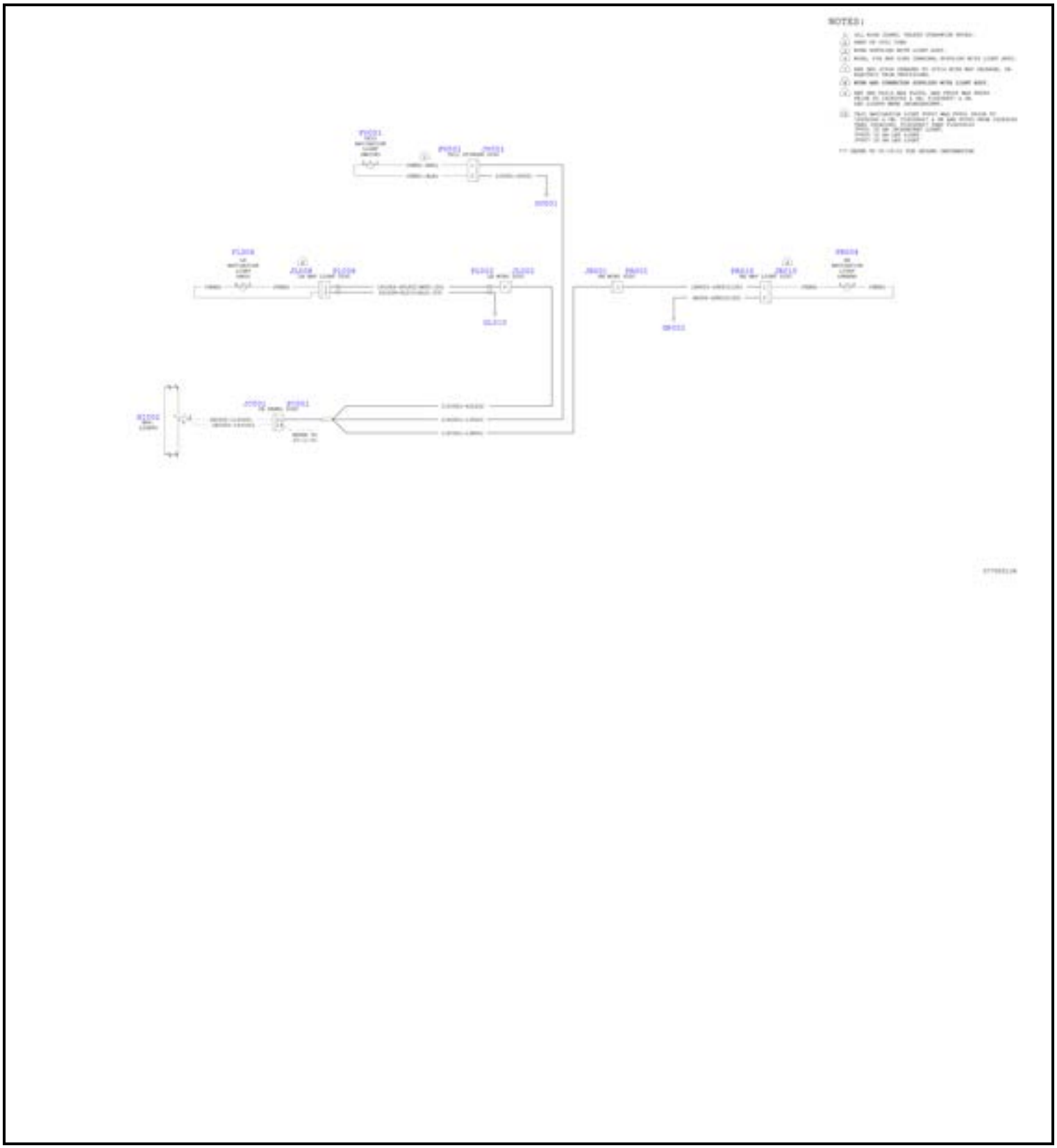
NAVIGATION LIGHTS

AIRPLANES (182) 81298 THRU 81317 AND AIRPLANES (T182) 08225 THRU 08231 WITHOUT NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
FL006	01-0770082-12	LIGHT - LEFT NAVIGATION (RED) (ZONE 520)	V10402	(182) 81298 - 81317 (T182) 08225 - 08231	01
FR004	01-0770082-13	LIGHT - RIGHT NAVIGATION (GREEN) (ZONE 620)	V10402	(182) 81298 - 81317 (T182) 08225 - 08231	01
FV001		LIGHT			RF
GL010	0708001-2	GROUND (ZONE 510)		(182) 81298 - 81317 (T182) 08225 - 08231	01
GR002	2-36153-2	GROUND - RIGHT STROBE POWER SUPPLY DISCONNECT (ZONE 620)	V10402	(182) 81298 - 81317 (T182) 08225 - 08231	01
GV001	0708001-2	GROUND (ZONE 340)		(182) 81298 - 81317 (T182) 08225 - 08231	01
HI002	CM3589-5	CIRCUIT BREAKER (ZONE 224)		(182) 81298 - 81317 (T182) 08225 - 08231	01
	S2122-1	. NUT			01
JC001	S2349-5	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(182) 81298 - 81317 (T182) 08225 - 08231	01
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
JL002	S1641-12	HOUSING (ZONE 510)		(182) 81298 - 81317 (T182) 08225 - 08231	01
	S1636-1	. ELECTRICAL SOCKET			AR
	S1636-2	. SOCKET			AR
JL008	1-480319-0	CONNECTOR - LEFT NAGIVATION LIGHT DISCONNECT (ZONE 520)	V10402	(182) 81298 - 81317 (T182) 08225 - 08231	01
JR001	S1641-9	CONNECTOR - RIGHT WING DISCONNECT (ZONE 610)		(182) 81298 - 81317 (T182) 08225 - 08231	01
	S1636-1	. CONTACT			AR
	S1636-2	. CONTACT			AR
JR010	1-480319-0	CONNECTOR - RIGHT NAVIGATION DISCONNECT (ZONE 620)	V10402	(182) 81298 - 81317 (T182) 08225 - 08231	01
JV001	S2035-2	CONNECTOR - TAIL/STINGER DISCONNECT (ZONE 340)	V00779	(182) 81298 - 81317 (T182) 08225 - 08231	01
	S1636-1	. CONTACT			AR
PC001	S2350-10	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(182) 81298 - 81317 (T182) 08225 - 08231	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PL002	S1640-12	HOUSING (ZONE 510)		(182) 81298 - 81317 (T182) 08225 - 08231	01
	S1635-1	. PIN	V49367		AR
	S1635-2	. PIN			AR
PL008	S2035-2	CONNECTOR - LEFT NAVIGATION LIGHT DISCONNECT (ZONE 510)	V00779	(182) 81298 - 81317 (T182) 08225 - 08231	01
	S1636-1	. CONTACT			AR
PR001	S1640-9	CONNECTOR - RIGHT WING DISCONNECT (ZONE 610)		(182) 81298 - 81317 (T182) 08225 - 08231	01
	S1635-1	. CONTACT	V49367		AR
	S1635-2	. CONTACT			AR
PR010	S2035-2	CONNECTOR - RIGHT NAVIGATION LIGHT DISCONNECT (ZONE 610)	V00779	(182) 81298 - 81317 (T182) 08225 - 08231	01
	S1636-1	. CONTACT			AR
PV001	S2035-1	CONNECTOR - TAIL/STINGER DISCONNECT (ZONE 340) ALTERNATE SPARE (INTERCHANGEABLE WITH): S1635-1		(182) 81298 - 81317 (T182) 08225 - 08231	01
	S1635-1	CONTACT ALTERNATE SPARE (INTERCHANGEABLE WITH): S2035-1	V49367	(182) 81298 - 81317 (T182) 08225 - 08231	01

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Figure 04 : Sheet 01 : NAVIGATION LIGHTS



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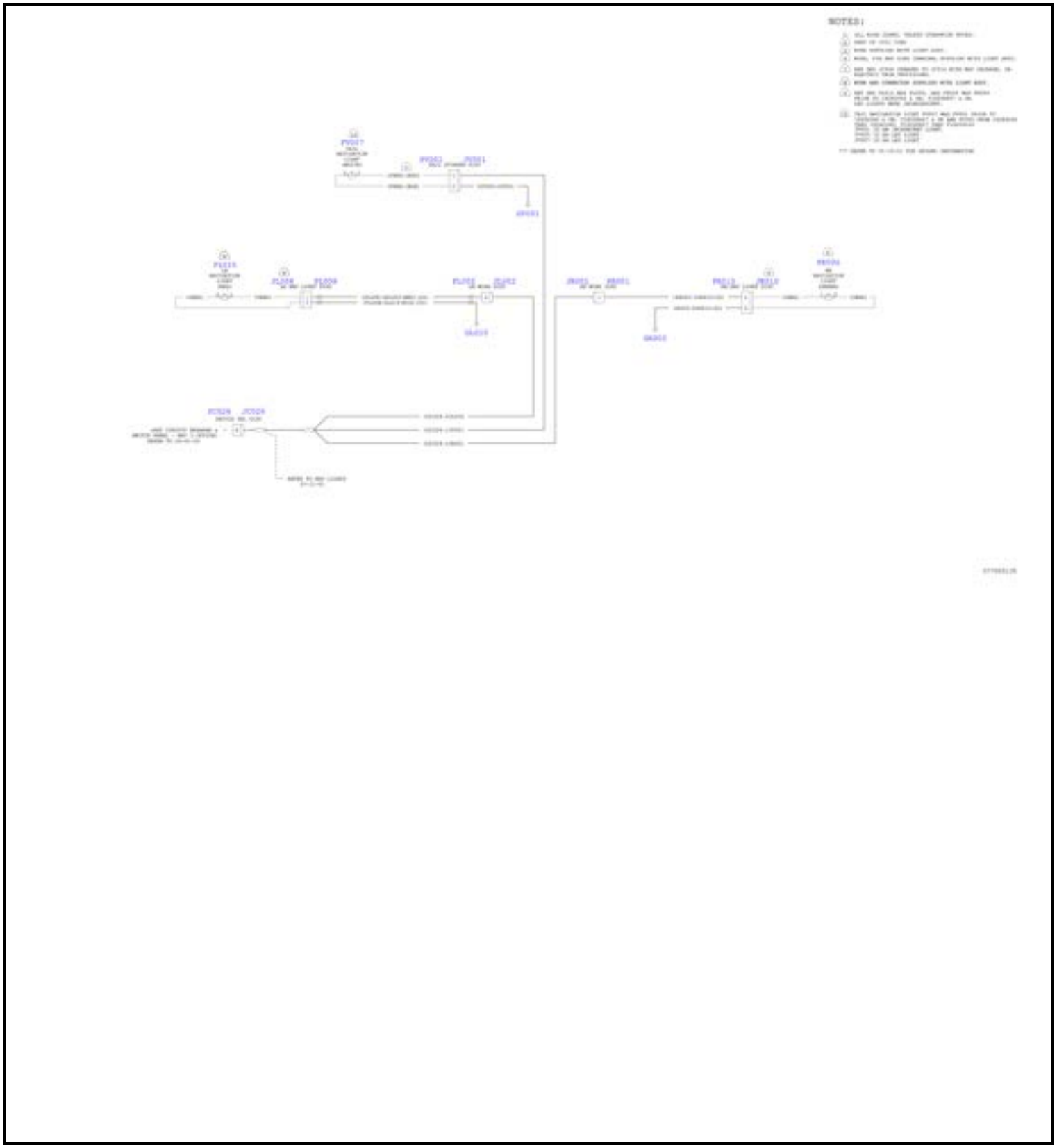
NAVIGATION LIGHTS W/NAV III

AIRPLANES (182) 81318 & ON WITH NAV III OPTION AND AIRPLANES (T182) 08232 & ON WITH NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
FL010		LIGHT ASSEMBLY - LEFT NAVIGATION (RED)			RF
FR006		LIGHT ASSEMBLY - GREEN POSITION			RF
FV007	01-0771554-03	TAIL POS LIGHT-LED	V10402	(182) 81318 & ON (T182) 08232 & ON	01
GL010	0708001-2	GROUND (ZONE 510)		(182) 81318 & ON (T182) 08232 & ON	01
GR002	2-36153-2	GROUND - RIGHT STROBE POWER SUPPLY DISCONNECT (ZONE 620)	V10402	(182) 81318 & ON (T182) 08232 & ON	01
GV001	0708001-2	GROUND (ZONE 340)		(182) 81318 & ON (T182) 08232 & ON	01
JC026	S2350-3	HOUSING - RECEPTACLE (ZONE 220)		(182) 81318 & ON (T182) 08232 & ON	01
	S2353-4	. CONTACT			AR
	S2353-6	. CONTACT		(182) 81318 - 82280	AR
	S3373-1	. CONTACT			AR
	S2353-5	. PIN			AR
JL002	S1641-12	HOUSING (ZONE 510)		(182) 81318 & ON (T182) 08232 & ON	01
	S1636-1	. ELECTRICAL SOCKET			AR
	S1636-2	. SOCKET			AR
JL008	1-480319-0	CONNECTOR - LEFT NAGIVATION LIGHT DISCONNECT (ZONE 520)	V10402	(182) 81318 & ON (T182) 08232 & ON	01
JR001	S1641-9	CONNECTOR - RIGHT WING DISCONNECT (ZONE 610)		(182) 81318 & ON (T182) 08232 & ON	01
	S1636-1	. CONTACT			AR
	S1636-2	. CONTACT			AR
JR010	1-480319-0	CONNECTOR - RIGHT NAVIGATION DISCONNECT (ZONE 620)	V10402	(182) 81318 & ON (T182) 08232 & ON	01
JV001	S2035-2	CONNECTOR - TAIL/STINGER DISCONNECT (ZONE 340)	V00779	(182) 81318 & ON (T182) 08232 & ON	01
	S1636-1	. CONTACT			AR
PC026	S2349-1	CONNECTOR - PLUG	V00779	(182) 81318 & ON (T182) 08232 & ON	01
	S2099-13	. CONTACT		(182) 81318 - 82280 (T182) 08232 - 09023	02
	S2099-3	. CONTACT			02
	S2099-4	. CONTACT	V00779		09
	S3373-2	. CONTACT - SOCKET			02
PL002	S1640-12	HOUSING (ZONE 510)		(182) 81318 & ON (T182) 08232 & ON	01
	S1635-1	. PIN	V49367		AR
	S1635-2	. PIN			AR
PL008	S2035-2	CONNECTOR - LEFT NAVIGATION LIGHT DISCONNECT (ZONE 510)	V00779	(182) 81318 & ON (T182) 08232 & ON	01
	S1636-1	. CONTACT			AR
PR001	S1640-9	CONNECTOR - RIGHT WING DISCONNECT (ZONE 610)		(182) 81318 & ON (T182) 08232 & ON	01
	S1635-1	. CONTACT	V49367		AR
	S1635-2	. CONTACT			AR
PR010	S2035-2	CONNECTOR - RIGHT NAVIGATION LIGHT DISCONNECT (ZONE 610)	V00779	(182) 81318 & ON (T182) 08232 & ON	01
	S1636-1	. CONTACT			AR
PV001	S2035-1	CONNECTOR - TAIL/STINGER DISCONNECT (ZONE 340) ALTERNATE SPARE (INTERCHANGEABLE WITH): S1635-1		(182) 81318 & ON (T182) 08232 & ON	01
	S1635-1	CONTACT ALTERNATE SPARE (INTERCHANGEABLE WITH): S2035-1	V49367	(182) 81318 & ON (T182) 08232 & ON	01

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Figure 05 : Sheet 01 : NAVIGATION LIGHTS W/NAV III



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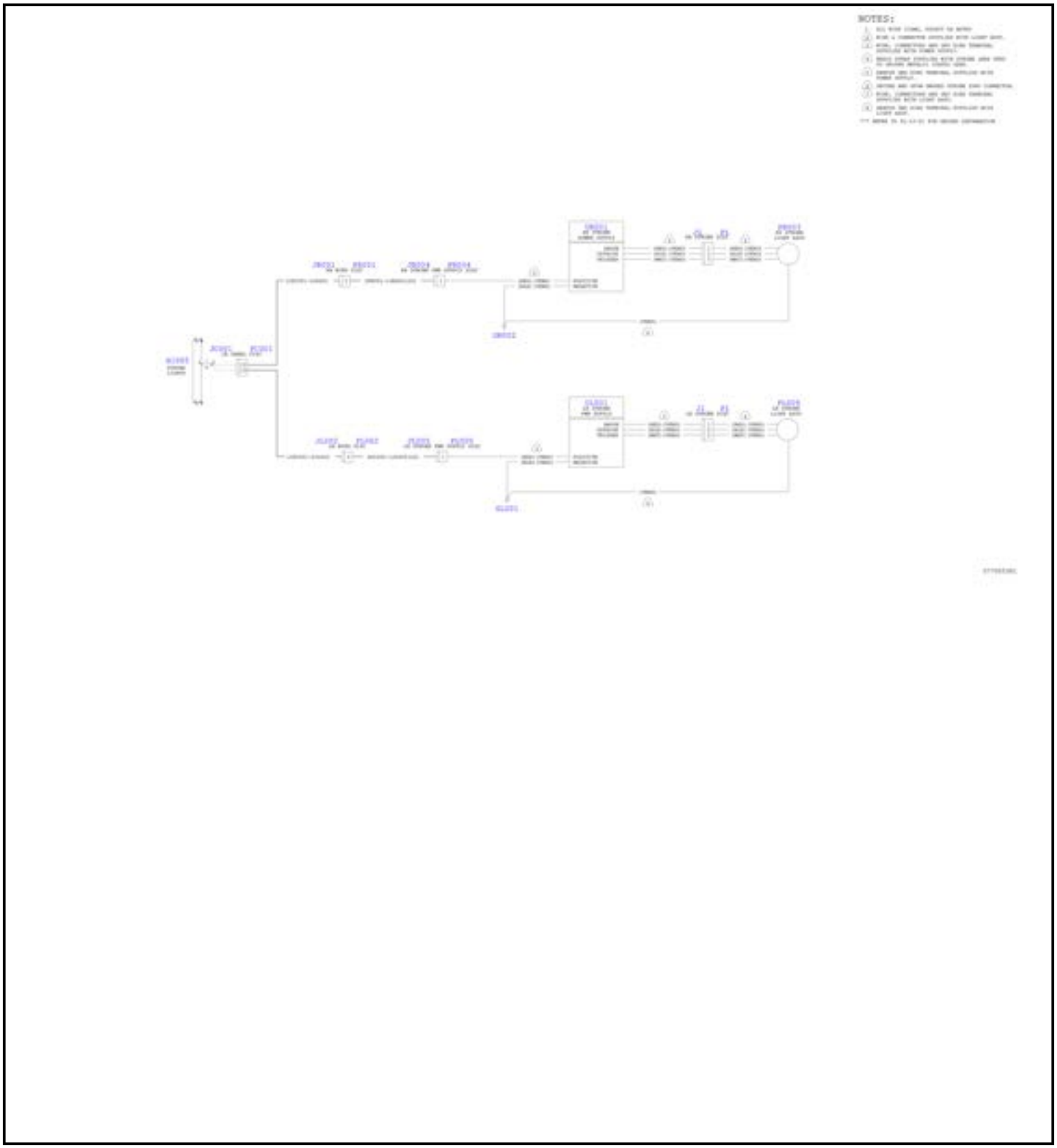
WING TIP STROBE LIGHTS

AIRPLANES (182) 80001 THRU 80944

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
FL005	C622003-0101	LIGHT - LEFT STROBE (ZONE 520)		(182) 80001 - 80944	01
FR003	C622003-0101	LIGHT - RIGHT STROBE (ZONE 620)		(182) 80001 - 80944	01
GL001	2-36153-2	GROUND (ZONE 520)	V10402	(182) 80001 - 80944	01
GR002	2-36153-2	GROUND - RIGHT STROBE POWER SUPPLY DISCONNECT (ZONE 620)	V10402	(182) 80001 - 80944	01
HI005	CM3589-5	CIRCUIT BREAKER - STROBE LIGHTS (ZONE 224)		(182) 80001 - 80944	01
J1	39-0050588-00	CONNECTOR - STROBE DISCONNECT (ZONE 121)	V10402	(182) 80001 - 80944	01
	39-0403023-04	. CONTACT	V10402		01
JC001	S2349-5	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(182) 80001 - 80944	01
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
JL002	S1641-12	HOUSING (ZONE 510)		(182) 80001 - 80944	01
	S1636-1	. ELECTRICAL SOCKET			AR
	S1636-2	. SOCKET			AR
JL005	S1637-2	CONNECTOR - LEFT STROBE POWER SUPPLY DISCONNECT (ZONE 520)		(182) 80001 - 80944	01
	S1636-1	. CONTACT			AR
JR001	S1641-9	CONNECTOR - RIGHT WING DISCONNECT (ZONE 610)		(182) 80001 - 80944	01
	S1636-1	. CONTACT			AR
	S1636-2	. CONTACT			AR
JR004	S1637-2	CONNECTOR - RIGHT STROBE POWER SUPPLY (ZONE 620)		(182) 80001 - 80944	01
	S1636-1	. CONTACT			AR
P1	1-480351-0	CONNECTOR - STROBE DISCONNECT (ZONE 520)	V10402	(182) 80001 - 80944	01
PC001	S2350-10	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(182) 80001 - 80944	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PL002	S1640-12	HOUSING (ZONE 510)		(182) 80001 - 80944	01
	S1635-1	. PIN	V49367		AR
	S1635-2	. PIN			AR
PL005	39-0403023-04	CONNECTOR - LEFT STROBE POWER SUPPLY DISCONNECT (ZONE 520)	V10402	(182) 80001 - 80944	01
PR001	S1640-9	CONNECTOR - RIGHT WING DISCONNECT (ZONE 610)		(182) 80001 - 80944	01
	S1635-1	. CONTACT	V49367		AR
	S1635-2	. CONTACT			AR
PR004	39-0403023-04	CONNECTOR - RIGHT STROBE POWER SUPPLY DISCONNECT (ZONE 620)	V10402	(182) 80001 - 80944	01
UL001		POWER SUPPLY - LEFT STROBE			RF
UR001		POWER SUPPLY - RIGHT STROBE			RF

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Figure 01 : Sheet 01 : WING TIP STROBE LIGHTS



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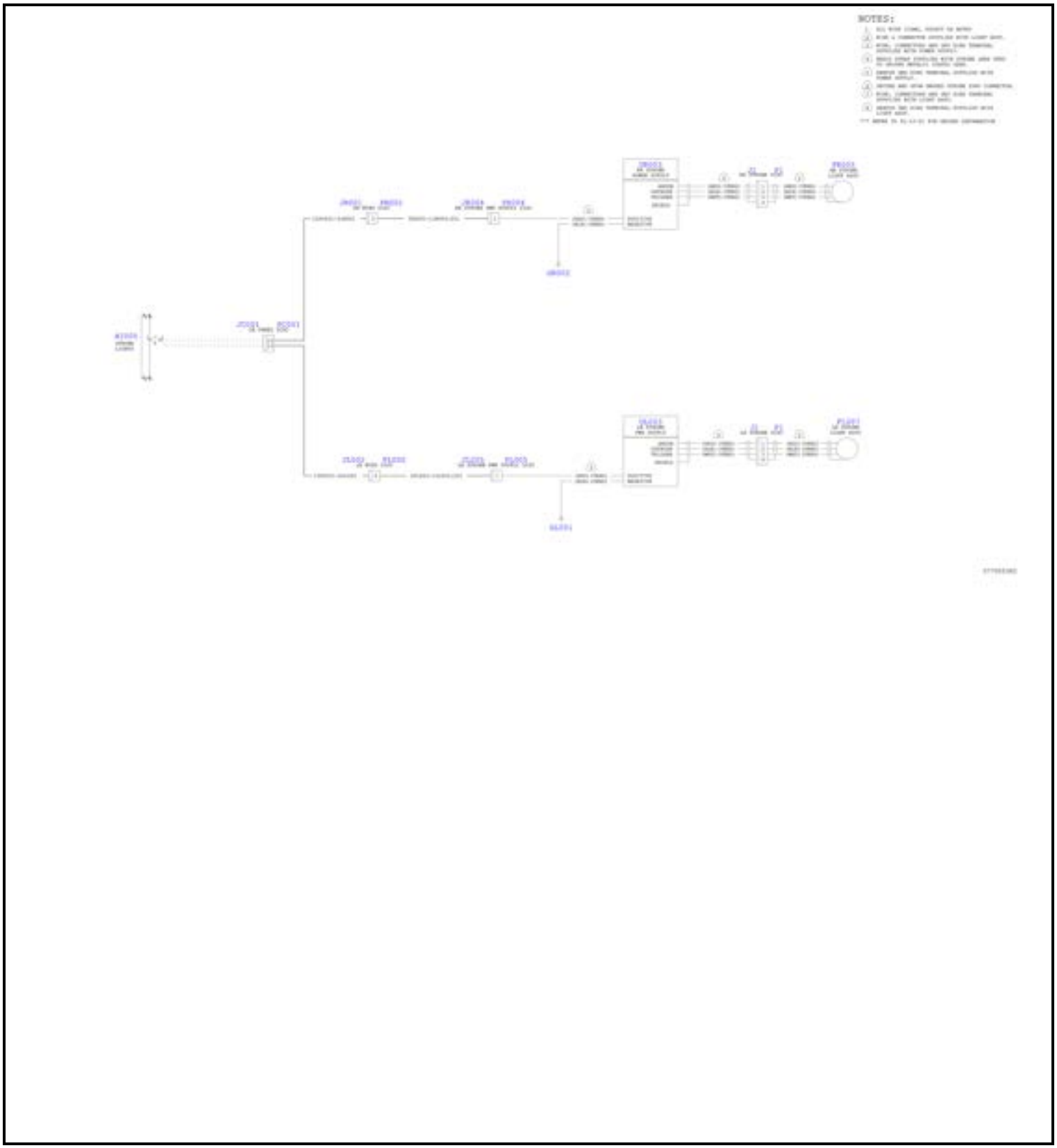
WING TIP STROBE LIGHTS

AIRPLANES (182) 80945 THRU 81297 AND AIRPLANES (T182) 08001 THRU 08224

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
FL007	01-0770818-00	LIGHT - LEFT STROBE (ZONE 520)	V10402	(182) 80945 - 81297 (T182) 08001 - 08224	01
FR005	01-0770818-00	LIGHT - RIGHT STROBE (ZONE 620)	V10402	(182) 80945 - 81297 (T182) 08001 - 08224	01
GL001	2-36153-2	GROUND (ZONE 520)	V10402	(182) 80945 - 81297 (T182) 08001 - 08224	01
GR002	2-36153-2	GROUND - RIGHT STROBE POWER SUPPLY DISCONNECT (ZONE 620)	V10402	(182) 80945 - 81297 (T182) 08001 - 08224	01
HI005	CM3589-5	CIRCUIT BREAKER - STROBE LIGHTS (ZONE 224)		(182) 80945 - 81297 (T182) 08001 - 08224	01
J1	39-0050588-00	CONNECTOR - STROBE DISCONNECT (ZONE 121)	V10402	(182) 80945 - 81297 (T182) 08001 - 08224	01
	39-0403023-04	. CONTACT	V10402		01
JC001	S2349-5	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(182) 80945 - 81297 (T182) 08001 - 08224	01
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
JL002	S1641-12	HOUSING (ZONE 510)		(182) 80945 - 81297 (T182) 08001 - 08224	01
	S1636-1	. ELECTRICAL SOCKET			AR
	S1636-2	. SOCKET			AR
JL005	S1637-2	CONNECTOR - LEFT STROBE POWER SUPPLY DISCONNECT (ZONE 520)		(182) 80945 - 81297 (T182) 08001 - 08224	01
	S1636-1	. CONTACT			AR
JR001	S1641-9	CONNECTOR - RIGHT WING DISCONNECT (ZONE 610)		(182) 80945 - 81297 (T182) 08001 - 08224	01
	S1636-1	. CONTACT			AR
	S1636-2	. CONTACT			AR
JR004	S1637-2	CONNECTOR - RIGHT STROBE POWER SUPPLY (ZONE 620)		(182) 80945 - 81297 (T182) 08001 - 08224	01
	S1636-1	. CONTACT			AR
P1	1-480351-0	CONNECTOR - STROBE DISCONNECT (ZONE 520)	V10402	(182) 80945 - 81297 (T182) 08001 - 08224	01
PC001	S2350-10	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(182) 80945 - 81297 (T182) 08001 - 08224	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PL002	S1640-12	HOUSING (ZONE 510)		(182) 80945 - 81297 (T182) 08001 - 08224	01
	S1635-1	. PIN	V49367		AR
	S1635-2	. PIN			AR
PL005	39-0403023-04	CONNECTOR - LEFT STROBE POWER SUPPLY DISCONNECT (ZONE 520)	V10402	(182) 80945 - 81297 (T182) 08001 - 08224	01
PR001	S1640-9	CONNECTOR - RIGHT WING DISCONNECT (ZONE 610)		(182) 80945 - 81297 (T182) 08001 - 08224	01
	S1635-1	. CONTACT	V49367		AR
	S1635-2	. CONTACT			AR
PR004	39-0403023-04	CONNECTOR - RIGHT STROBE POWER SUPPLY DISCONNECT (ZONE 620)	V10402	(182) 80945 - 81297 (T182) 08001 - 08224	01
UL003		POWER SUPPLY - LEFT STROBE			RF
UR003		POWER SUPPLY - RIGHT STROBE			RF

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Figure 02 : Sheet 01 : WING TIP STROBE LIGHTS



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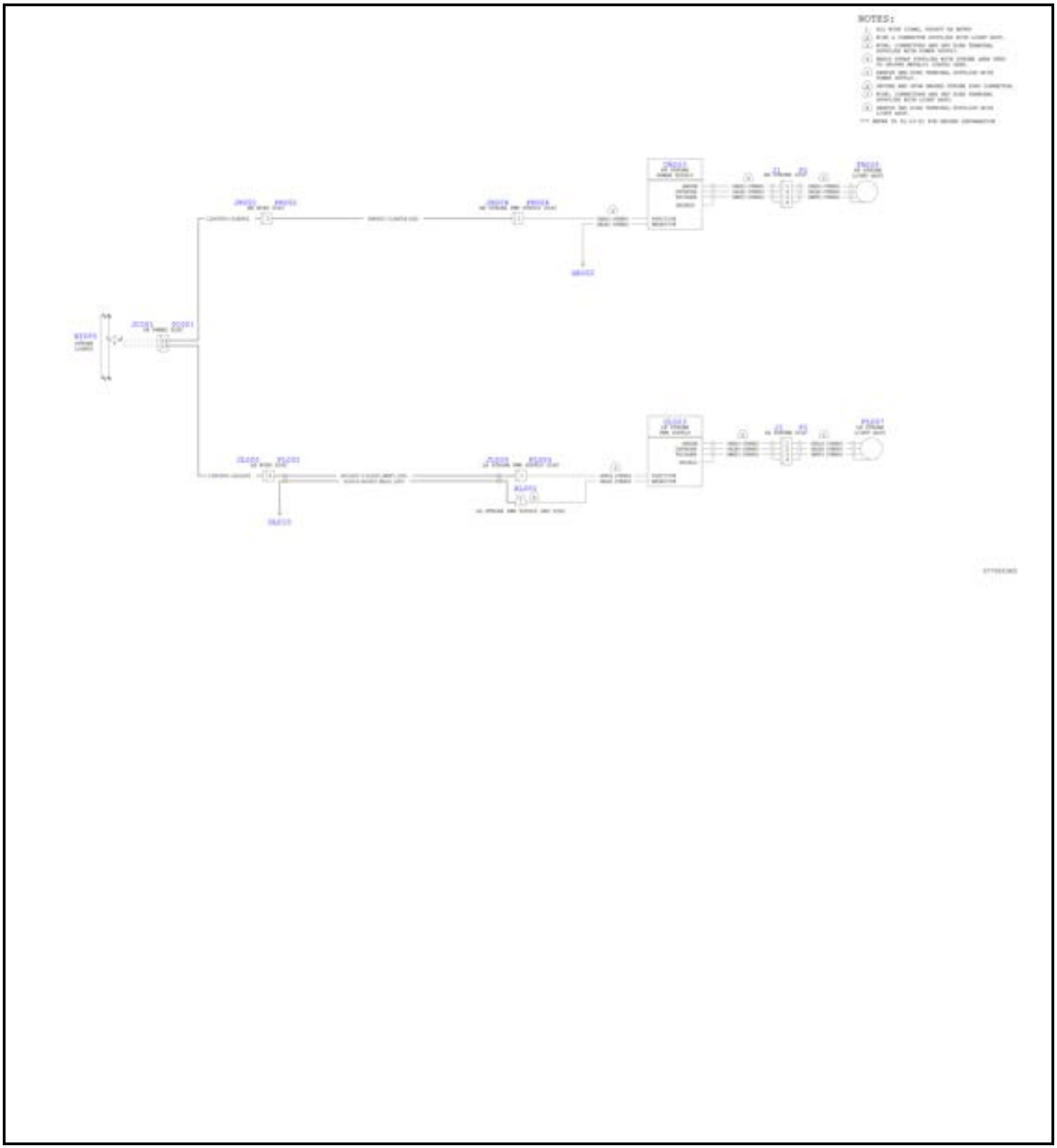
WING TIP STROBE LIGHTS

AIRPLANES (182) 81298 & ON AND AIRPLANES (T182) 08225 & ON WITHOUT NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
AL001	796753-1	CONNECTOR - LEFT STROBE POWER SUPPLY GROUND DISCONNECT	V00779	(182) 81298 & ON (T182) 08225 & ON	01
FL007	01-0770818-00	LIGHT - LEFT STROBE (ZONE 520)	V10402	(182) 81298 & ON (T182) 08225 & ON	01
FR005	01-0770818-00	LIGHT - RIGHT STROBE (ZONE 620)	V10402	(182) 81298 & ON (T182) 08225 & ON	01
GL010	0708001-2	GROUND (ZONE 510)		(182) 81298 & ON (T182) 08225 & ON	01
GR002	2-36153-2	GROUND - RIGHT STROBE POWER SUPPLY DISCONNECT (ZONE 620)	V10402	(182) 81298 & ON (T182) 08225 & ON	01
HI005	CM3589-5	CIRCUIT BREAKER - STROBE LIGHTS (ZONE 224)		(182) 81298 & ON (T182) 08225 & ON	01
J1	39-0050588-00	CONNECTOR - STROBE DISCONNECT (ZONE 121)	V10402	(182) 81298 & ON (T182) 08225 & ON	01
	39-0403023-04	. CONTACT	V10402		01
JC001	S2349-5	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(182) 81298 & ON (T182) 08225 & ON	01
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
JL002	S1641-12	HOUSING (ZONE 510)		(182) 81298 & ON (T182) 08225 & ON	01
	S1636-1	. ELECTRICAL SOCKET			AR
	S1636-2	. SOCKET			AR
JL005	S1637-2	CONNECTOR - LEFT STROBE POWER SUPPLY DISCONNECT (ZONE 520)		(182) 81298 & ON (T182) 08225 & ON	01
	S1636-1	. CONTACT			AR
JR001	S1641-9	CONNECTOR - RIGHT WING DISCONNECT (ZONE 610)		(182) 81298 & ON (T182) 08225 & ON	01
	S1636-1	. CONTACT			AR
	S1636-2	. CONTACT			AR
JR004	S1637-2	CONNECTOR - RIGHT STROBE POWER SUPPLY (ZONE 620)		(182) 81298 & ON (T182) 08225 & ON	01
	S1636-1	. CONTACT			AR
P1	1-480351-0	CONNECTOR - STROBE DISCONNECT (ZONE 520)	V10402	(182) 81298 & ON (T182) 08225 & ON	01
PC001	S2350-10	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(182) 81298 & ON (T182) 08225 & ON	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PL002	S1640-12	HOUSING (ZONE 510)		(182) 81298 & ON (T182) 08225 & ON	01
	S1635-1	. PIN	V49367		AR
	S1635-2	. PIN			AR
PL005	39-0403023-04	CONNECTOR - LEFT STROBE POWER SUPPLY DISCONNECT (ZONE 520)	V10402	(182) 81298 & ON (T182) 08225 & ON	01
PR001	S1640-9	CONNECTOR - RIGHT WING DISCONNECT (ZONE 610)		(182) 81298 & ON (T182) 08225 & ON	01
	S1635-1	. CONTACT	V49367		AR
	S1635-2	. CONTACT			AR
PR004	39-0403023-04	CONNECTOR - RIGHT STROBE POWER SUPPLY DISCONNECT (ZONE 620)	V10402	(182) 81298 & ON (T182) 08225 & ON	01
UL003		POWER SUPPLY - LEFT STROBE			RF
UR003		POWER SUPPLY - RIGHT STROBE			RF

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Figure 03 : Sheet 01 : WING TIP STROBE LIGHTS



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WING TIP STROBE LIGHTS

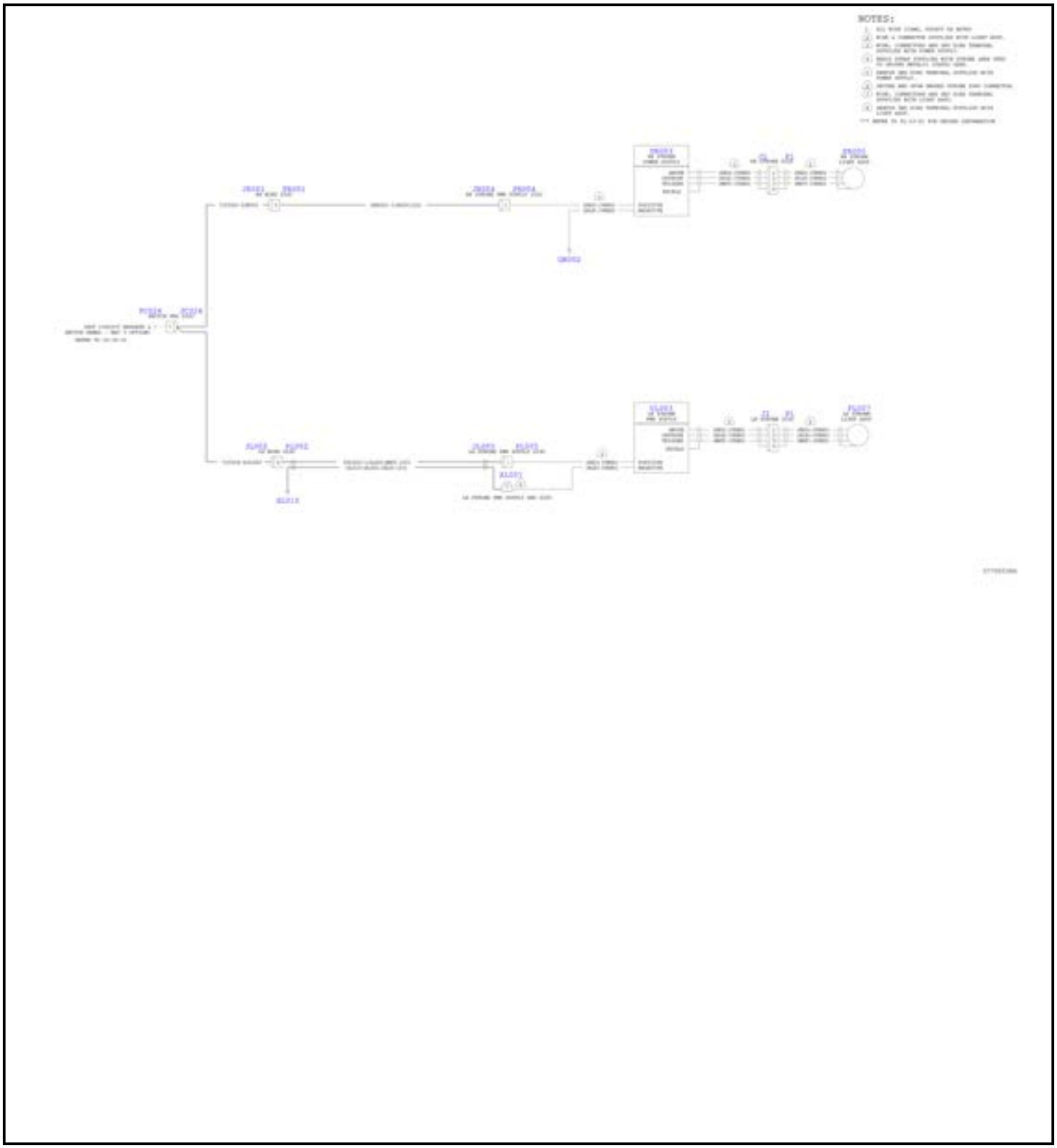
AIRPLANES (182) 81318 THRU 83084 AND AIRPLANES (T182) 08232 & ON WITH NAV III OPTION

J18200001 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
AL001	796753-1	CONNECTOR - LEFT STROBE POWER SUPPLY GROUND DISCONNECT	V00779	(182) 81318 - 83084 (T182) 08232 & ON	01
FL007	01-0770818-00	LIGHT - LEFT STROBE (ZONE 520)	V10402	(182) 81318 - 83084 (T182) 08232 & ON	01
FR005	01-0770818-00	LIGHT - RIGHT STROBE (ZONE 620)	V10402	(182) 81318 - 83084 (T182) 08232 & ON	01
GL010	0708001-2	GROUND (ZONE 510)		(182) 81318 - 83084 (T182) 08232 & ON	01
GR002	2-36153-2	GROUND - RIGHT STROBE POWER SUPPLY DISCONNECT (ZONE 620)	V10402	(182) 81318 - 83084 (T182) 08232 & ON	01
J1	39-0050588-00	CONNECTOR - STROBE DISCONNECT (ZONE 121)	V10402	(182) 81318 - 83084 (T182) 08232 & ON	01
	39-0403023-04	. CONTACT	V10402		01
JC026	S2350-3	HOUSING - RECEPTACLE (ZONE 220)		(182) 81318 & ON (T182) 08232 & ON	01
	S2353-4	. CONTACT			AR
	S2353-6	. CONTACT		(182) 81318 - 82280	AR
	S3373-1	. CONTACT			AR
	S2353-5	. PIN			AR
JL002	S1641-12	HOUSING (ZONE 510)		(182) 81318 - 83084 (T182) 08232 & ON	01
	S1636-1	. ELECTRICAL SOCKET			AR
	S1636-2	. SOCKET			AR
JL005	S1637-2	CONNECTOR - LEFT STROBE POWER SUPPLY DISCONNECT (ZONE 520)		(182) 81318 - 83084 (T182) 08232 & ON	01
	S1636-1	. CONTACT			AR
JR001	S1641-9	CONNECTOR - RIGHT WING DISCONNECT (ZONE 610)		(182) 81318 - 83084 (T182) 08232 & ON	01
	S1636-1	. CONTACT			AR
	S1636-2	. CONTACT			AR
JR004	S1637-2	CONNECTOR - RIGHT STROBE POWER SUPPLY (ZONE 620)		(182) 81318 - 83084 (T182) 08232 & ON	01
	S1636-1	. CONTACT			AR
P1	1-480351-0	CONNECTOR - STROBE DISCONNECT (ZONE 520)	V10402	(182) 81318 - 83084 (T182) 08232 & ON	01
PC026	S2349-1	CONNECTOR - PLUG	V00779	(182) 81318 & ON (T182) 08232 & ON	01
	S2099-13	. CONTACT		(182) 81318 - 82280 (T182) 08232 - 09023	02
	S2099-3	. CONTACT			02
	S2099-4	. CONTACT	V00779		09
	S3373-2	. CONTACT - SOCKET			02
PL002	S1640-12	HOUSING (ZONE 510)		(182) 81318 - 83084 (T182) 08232 & ON	01
	S1635-1	. PIN	V49367		AR
	S1635-2	. PIN			AR
PL005	39-0403023-04	CONNECTOR - LEFT STROBE POWER SUPPLY DISCONNECT (ZONE 520)	V10402	(182) 81318 - 83084 (T182) 08232 & ON	01
PR001	S1640-9	CONNECTOR - RIGHT WING DISCONNECT (ZONE 610)		(182) 81318 - 83084 (T182) 08232 & ON	01
	S1635-1	. CONTACT	V49367		AR
	S1635-2	. CONTACT			AR
PR004	39-0403023-04	CONNECTOR - RIGHT STROBE POWER SUPPLY DISCONNECT (ZONE 620)	V10402	(182) 81318 - 83084 (T182) 08232 & ON	01
UL003		POWER SUPPLY - LEFT STROBE			RF
UR003		POWER SUPPLY - RIGHT STROBE			RF

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Figure 04 : Sheet 01 : WING TIP STROBE LIGHTS



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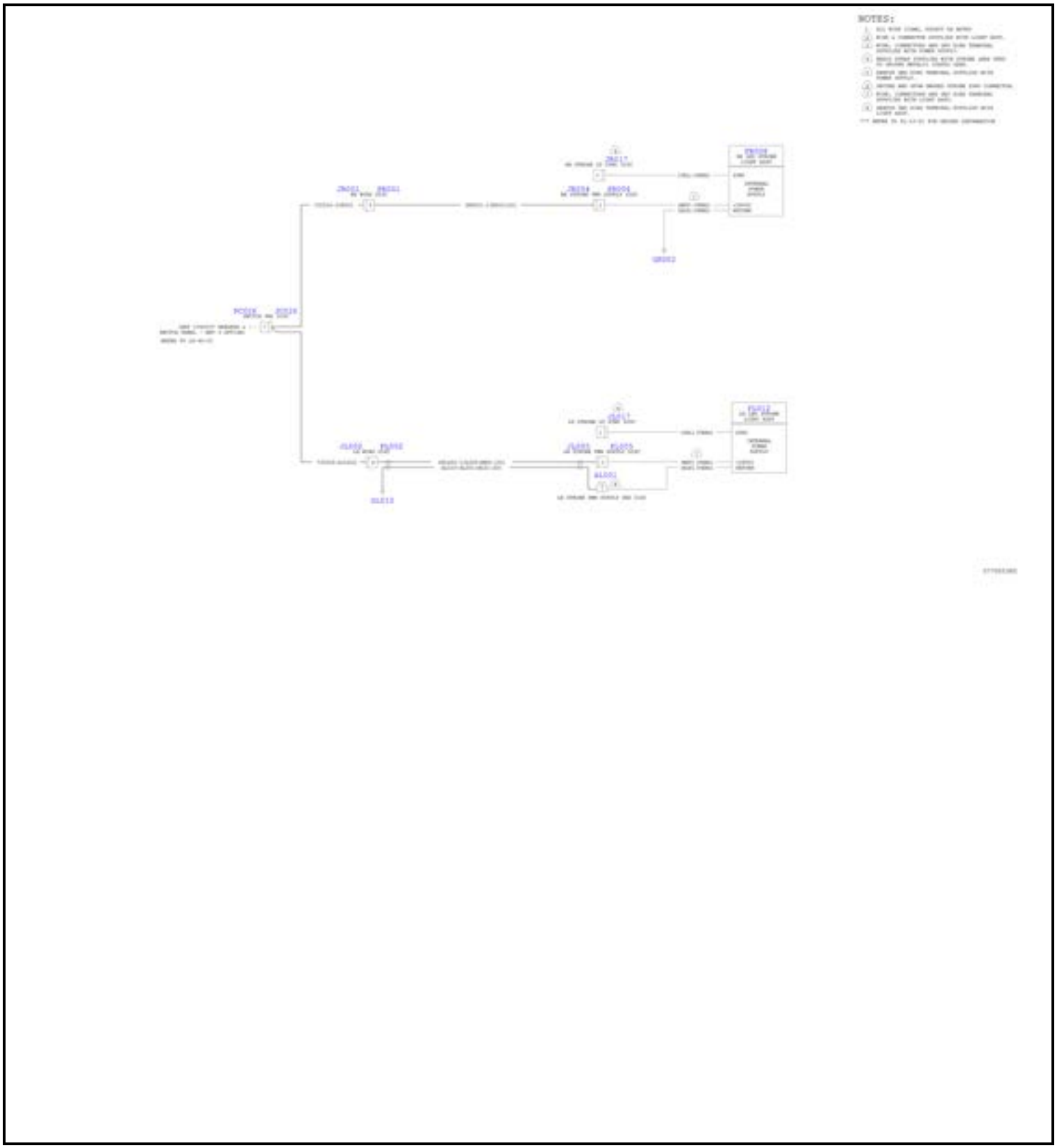
WING TIP STROBE LIGHTS

AIRPLANES (182) 83085 & ON WITH NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
AL001	796753-1	CONNECTOR - LEFT STROBE POWER SUPPLY GROUND DISCONNECT	V00779	(182) 83085 & ON	01
FL012		LED STROBE LIGHT ASSY - LEFT			RF
FR008		LED STROBE LIGHT ASSY - RIGHT			RF
GL010	0708001-2	GROUND (ZONE 510)		(182) 83085 & ON	01
GR002	2-36153-2	GROUND - RIGHT STROBE POWER SUPPLY DISCONNECT (ZONE 620)	V10402	(182) 83085 & ON	01
JC026	S2350-3	HOUSING - RECEPTACLE (ZONE 220)		(182) 81318 & ON (T182) 08232 & ON	01
	S2353-4	. CONTACT			AR
	S2353-6	. CONTACT		(182) 81318 - 82280	AR
	S3373-1	. CONTACT			AR
	S2353-5	. PIN			AR
JL002	S1641-12	HOUSING (ZONE 510)		(182) 83085 & ON	01
	S1636-1	. ELECTRICAL SOCKET			AR
	S1636-2	. SOCKET			AR
JL005	S1637-2	CONNECTOR - LEFT STROBE POWER SUPPLY DISCONNECT (ZONE 520)		(182) 83085 & ON	01
	S1636-1	. CONTACT			AR
JL017		CONNECTOR			RF
JR001	S1641-9	CONNECTOR - RIGHT WING DISCONNECT (ZONE 610)		(182) 83085 & ON	01
	S1636-1	. CONTACT			AR
	S1636-2	. CONTACT			AR
JR004	S1637-2	CONNECTOR - RIGHT STROBE POWER SUPPLY (ZONE 620)		(182) 83085 & ON	01
	S1636-1	. CONTACT			AR
JR017		CONNECTOR			RF
PC026	S2349-1	CONNECTOR - PLUG	V00779	(182) 81318 & ON (T182) 08232 & ON	01
	S2099-13	. CONTACT		(182) 81318 - 82280 (T182) 08232 - 09023	02
	S2099-3	. CONTACT			02
	S2099-4	. CONTACT	V00779		09
	S3373-2	. CONTACT - SOCKET			02
PL002	S1640-12	HOUSING (ZONE 510)		(182) 83085 & ON	01
	S1635-1	. PIN	V49367		AR
	S1635-2	. PIN			AR
PL005	39-0403023-04	CONNECTOR - LEFT STROBE POWER SUPPLY DISCONNECT (ZONE 520)	V10402	(182) 83085 & ON	01
PR001	S1640-9	CONNECTOR - RIGHT WING DISCONNECT (ZONE 610)		(182) 83085 & ON	01
	S1635-1	. CONTACT	V49367		AR
	S1635-2	. CONTACT			AR
PR004	39-0403023-04	CONNECTOR - RIGHT STROBE POWER SUPPLY DISCONNECT (ZONE 620)	V10402	(182) 83085 & ON	01

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Figure 05 : Sheet 01 : WING TIP STROBE LIGHTS



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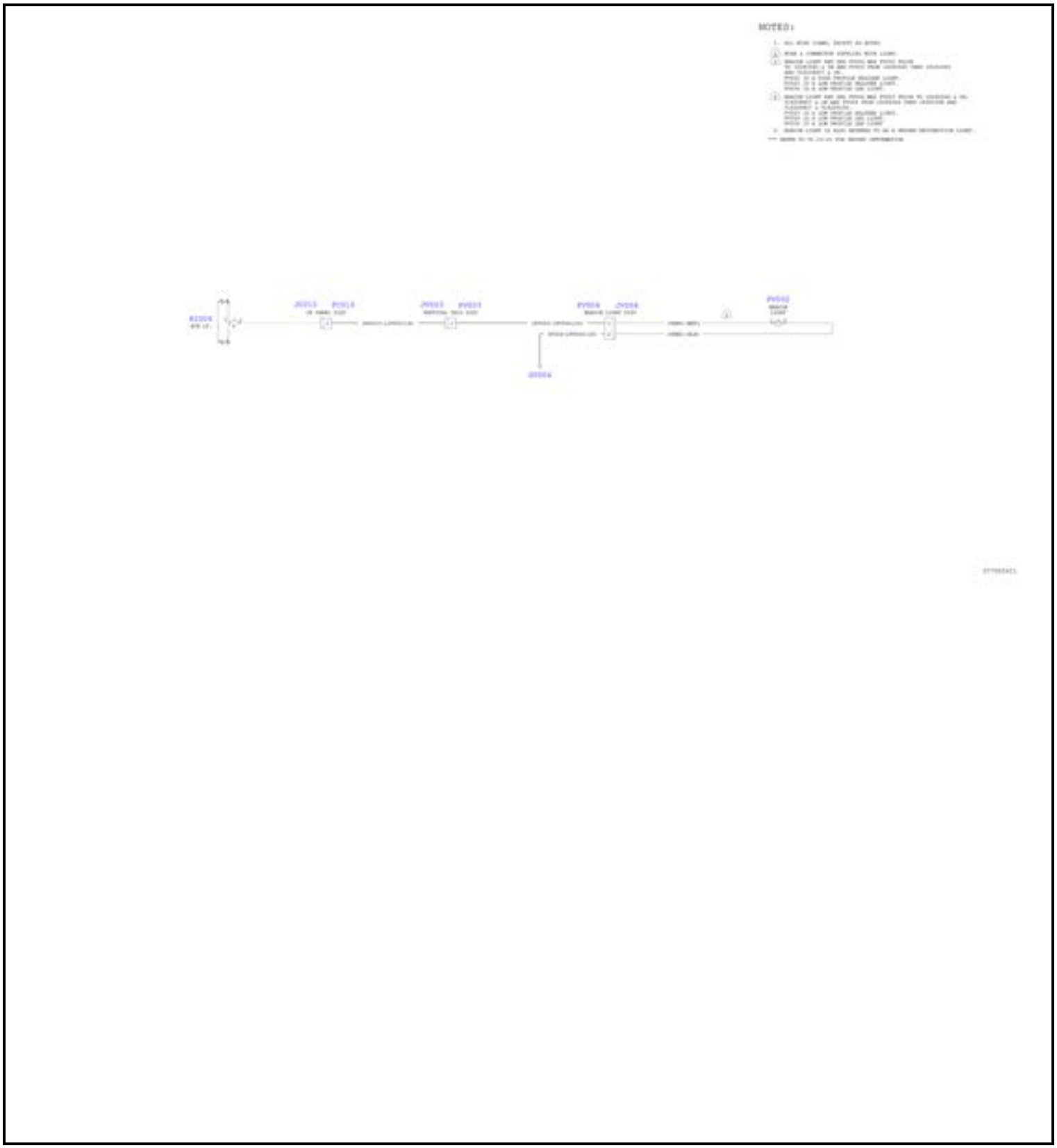
FLASHING BEACON

AIRPLANES (182) 80001 THRU 80003

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
FV002		LIGHT ASSEMBLY - BEACON			RF
GV004		GROUND (ZONE 340)			RF
HI004	CM3589-5	CIRCUIT BREAKER - BEACON LIGHT (ZONE 224)		(182) 80001 - 80003	01
	S2122-1	. NUT			01
JC010	S1641-9	CONNECTOR - HOUSING-SOCKET (ZONE 224)		(182) 80001 - 80003	01
	S1636-1	. ELECTRICAL SOCKET			AR
	S1636-2	. SOCKET			AR
JV003	S1637-2	CONNECTOR - VERTICAL TAIL DISCONNECT (ZONE 340)		(182) 80001 - 80003	01
	S1636-1	. CONTACT			AR
JV004	39-0402023-04	CONNECTOR - BEACON LIGHT DISCONNECT (ZONE 340)	V10402	(182) 80001 - 80003	01
PC010	S1640-9	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(182) 80001 - 80003	01
	S1635-1	. CONTACT	V49367		AR
	S1635-2	. CONTACT			AR
PV003	S1637-2	CONNECTOR - VERTICAL TAIL DISCONNECT (ZONE 340)		(182) 80001 - 80003	01
	S1637-1	. BACKSHELL			01
	S1635-1	. CONTACT	V49367		AR
PV004	S2035-1	CONNECTOR - BEACON LIGHT DISCONNECT (ZONE 340)		(182) 80001 - 80003	01
	S1635-1	. CONTACT	V49367		AR

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Figure 01 : Sheet 01 : FLASHING BEACON



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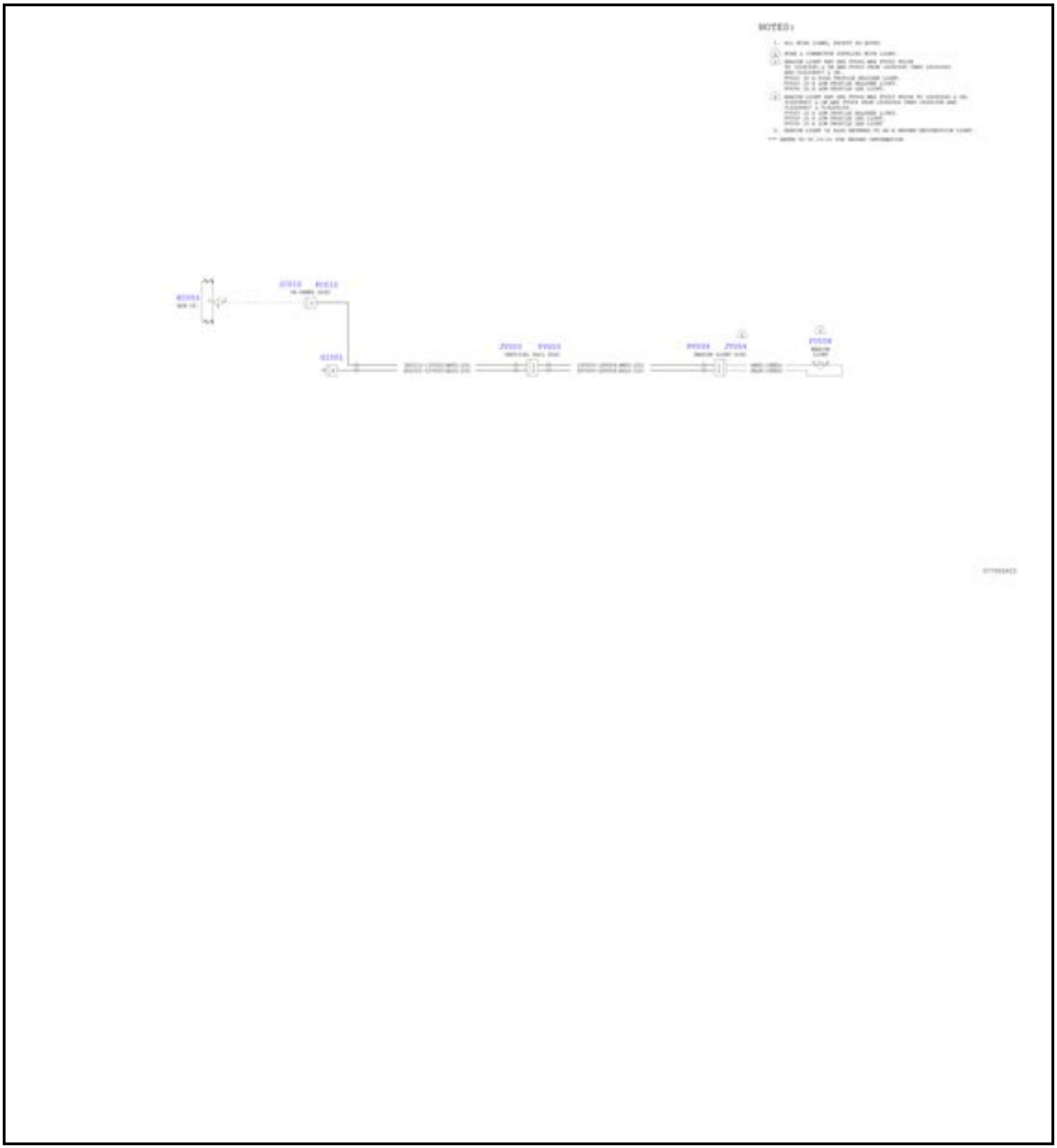
FLASHING BEACON

AIRPLANES (182) 80004 THRU 81317 AND AIRPLANES (T182) 08001 THRU 08231 WITHOUT NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
FV004		LIGHT ASSEMBLY			RF
GI001	200838-2	GROUND BLOCK (ZONE 211)	V00779	(182) 80004 - 81317 (T182) 08001 - 08231	01
	S2099-13	. CONTACT			02
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
HI004	CM3589-5	CIRCUIT BREAKER - BEACON LIGHT (ZONE 224)		(182) 80004 - 81317 (T182) 08001 - 08231	01
	S2122-1	. NUT			01
JC010	S1641-9	CONNECTOR - HOUSING-SOCKET (ZONE 224)		(182) 80004 - 81317 (T182) 08001 - 08231	01
	S1636-1	. ELECTRICAL SOCKET			AR
	S1636-2	. SOCKET			AR
JV004		CONNECTOR - BEACON LIGHT DISCONNECT (ZONE 340)			RF
JV004	39-0402023-04	CONNECTOR - BEACON LIGHT DISCONNECT (ZONE 340)	V10402	(182) 80004 - 81317 (T182) 08001 - 08231	01
JV005	S1637-2	CONNECTOR - VERTICAL TAIL DISCONNECT (ZONE 340)		(182) 80004 - 81317 (T182) 08001 - 08231	01
	S2035-2	. BACKSHELL	V00779		01
	S1636-1	. CONTACT			AR
PC010	S1640-9	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(182) 80004 - 81317 (T182) 08001 - 08231	01
	S1635-1	. CONTACT	V49367		AR
	S1635-2	. CONTACT			AR
PV004	S2035-1	CONNECTOR - BEACON LIGHT DISCONNECT (ZONE 340)		(182) 80004 - 81317 (T182) 08001 - 08231	01
	S1635-1	. CONTACT	V49367		AR
PV005	S2035-1	CONNECTOR - VERTICAL TAIL DISCONNECT (ZONE 340)		(182) 80004 - 81317 (T182) 08001 - 08231	01
	S1635-1	. CONTACT	V49367		AR

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Figure 02 : Sheet 01 : FLASHING BEACON



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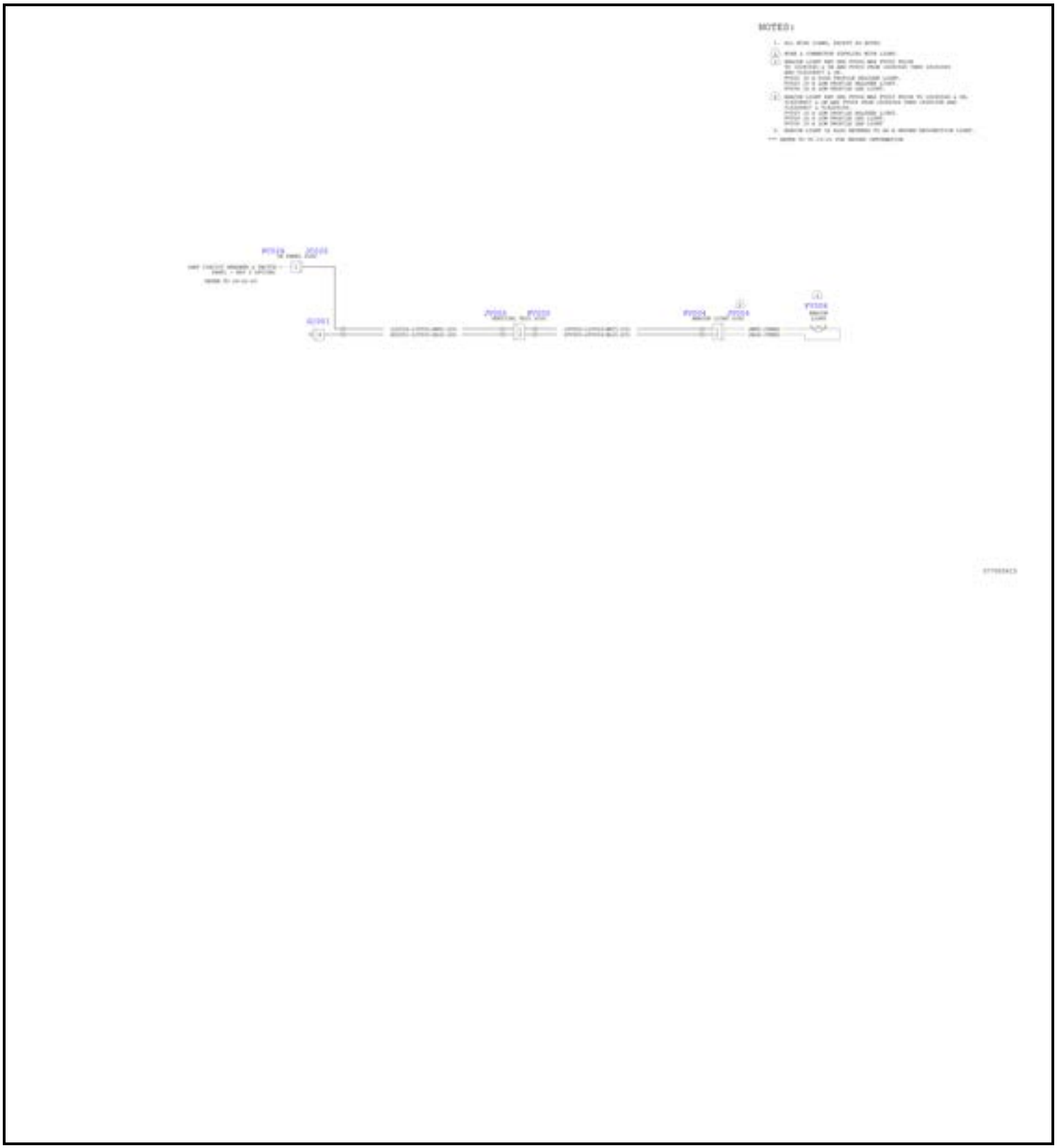
FLASHING BEACON W/NAV III

AIRPLANES (182) 81318 & ON WITH NAV III OPTION AND AIRPLANES (T182) 08232 & ON WITH NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
FV006		LIGHT ASSEMBLY			RF
GI001	200838-2	GROUND BLOCK (ZONE 211)	V00779	(182) 81318 & ON (T182) 08232 & ON	01
	S2099-13	. CONTACT			02
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
JC026	S2350-3	HOUSING - RECEPTACLE (ZONE 220)		(182) 81318 & ON (T182) 08232 & ON	01
	S2353-4	. CONTACT			AR
	S2353-6	. CONTACT		(182) 81318 - 82280	AR
	S3373-1	. CONTACT			AR
	S2353-5	. PIN			AR
JV004	39-0402023-04	CONNECTOR - BEACON LIGHT DISCONNECT (ZONE 340)	V10402	(182) 81318 & ON (T182) 08232 & ON	01
JV005	S1637-2	CONNECTOR - VERTICAL TAIL DISCONNECT (ZONE 340)		(182) 81318 & ON (T182) 08232 & ON	01
	S2035-2	. BACKSHELL	V00779		01
	S1636-1	. CONTACT			AR
PC026	S2349-1	CONNECTOR - PLUG	V00779	(182) 81318 & ON (T182) 08232 & ON	01
	S2099-13	. CONTACT		(182) 81318 - 82280 (T182) 08232 - 09023	02
	S2099-3	. CONTACT			02
	S2099-4	. CONTACT	V00779		09
	S3373-2	. CONTACT - SOCKET			02
PV004	S2035-1	CONNECTOR - BEACON LIGHT DISCONNECT (ZONE 340)		(182) 81318 & ON (T182) 08232 & ON	01
	S1635-1	. CONTACT	V49367		AR
PV005	S2035-1	CONNECTOR - VERTICAL TAIL DISCONNECT (ZONE 340)		(182) 81318 & ON (T182) 08232 & ON	01
	S1635-1	. CONTACT	V49367		AR

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Figure 03 : Sheet 01 : FLASHING BEACON W/NAV III



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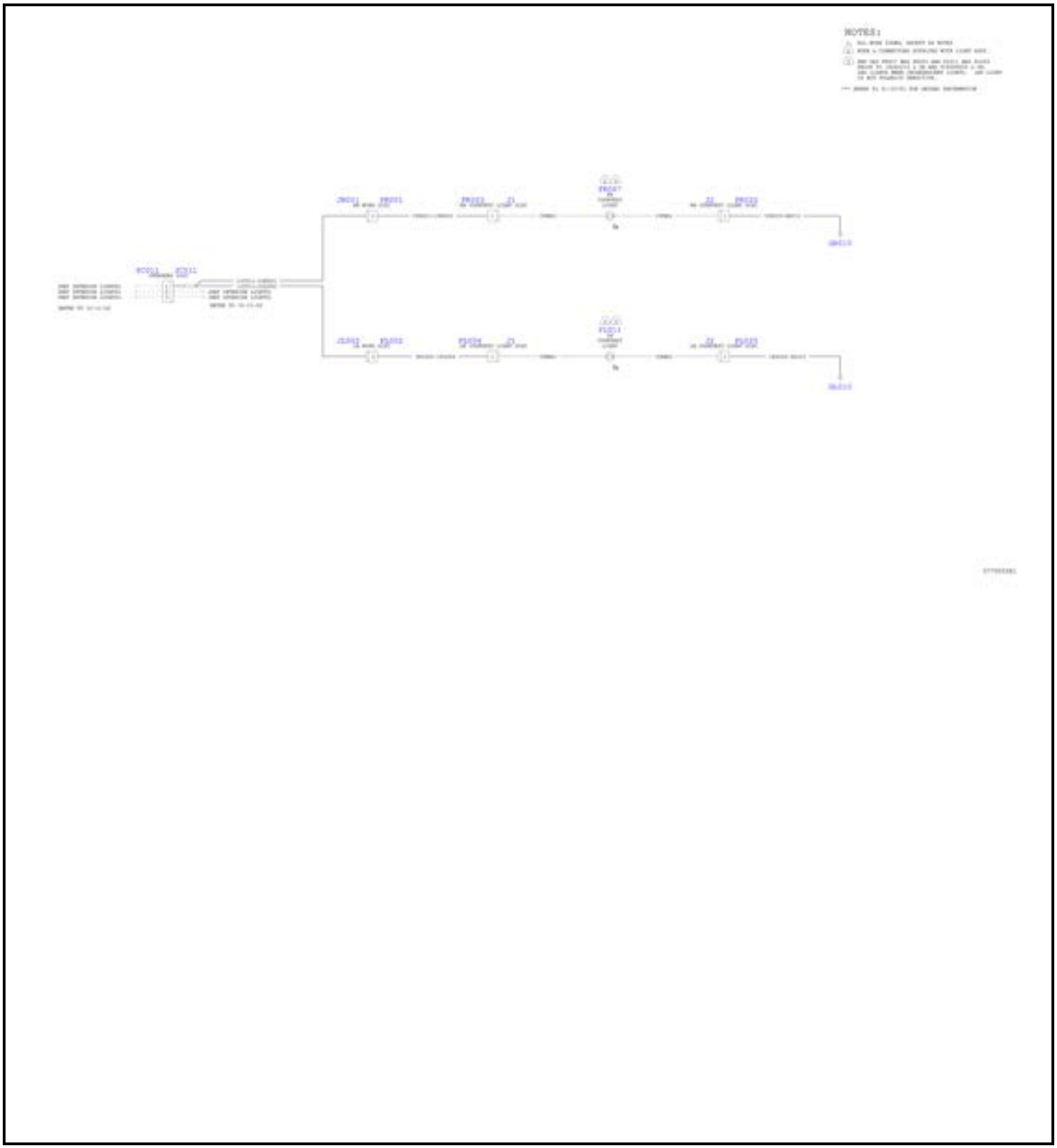
UNDER WING COURTESY LIGHTS

AIRPLANES (182) 80001 THRU 81741 AND AIRPLANES (T182) 08001 THRU 08480 WITHOUT NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
FL011		LIGHT - LEFT COURTESY			RF
FR007		LIGHT - RIGHT COURTESY			RF
GL010	0708001-2	GROUND (ZONE 510)		(182) 80001 - 81741 (T182) 08001 - 08480	01
GR010	0708001-2	GROUND (ZONE 610)		(182) 80001 - 81741 (T182) 08001 - 08480	01
J1	S1637-2	CONNECTOR - COURTESY LIGHT DISCONNECT (ZONE 520)		(182) 80001 - 81741 (T182) 08001 - 08480	01
	S1636-2	. CONTACT			01
J2	770585-1	CONNECTOR - POWER SUPPLY DISCONNECT (ZONE 121)	V00779	(182) 80001 - 81741 (T182) 08001 - 08480	01
JC011	S1638-1	CONNECTOR - OVERHEAD DISCONNECT (ZONE 210)		(182) 80001 - 81741 (T182) 08001 - 08480	01
	S1636-1	. CONTACT			AR
	S1636-2	. CONTACT			AR
JL002	S1641-12	HOUSING (ZONE 510)		(182) 80001 - 81741 (T182) 08001 - 08480	01
	S1636-1	. ELECTRICAL SOCKET			AR
	S1636-2	. SOCKET			AR
JR001	S1641-9	CONNECTOR - RIGHT WING DISCONNECT (ZONE 610)		(182) 80001 - 81741 (T182) 08001 - 08480	01
	S1636-1	. CONTACT			AR
	S1636-2	. CONTACT			AR
PC011	S1638-2	CONNECTOR - OVERHEAD DISCONNECT (ZONE 210)		(182) 80001 - 81741 (T182) 08001 - 08480	01
	S1635-1	. CONTACT	V49367		AR
	S1635-2	. CONTACT		(182) 81298 & ON	AR
PL002	S1640-12	HOUSING (ZONE 510)		(182) 80001 - 81741 (T182) 08001 - 08480	01
	S1635-1	. PIN	V49367		AR
	S1635-2	. PIN			AR
PL004	S1637-1	CONNECTOR - LEFT COURTESY LIGHT DISCONNECT (ZONE 510)		(182) 80001 - 81741 (T182) 08001 - 08480	01
	S1635-1	. CONTACT	V49367		AR
PL020	S1637-1	CONNECTOR - LEFT COURTESY LIGHT DISCONNECT (ZONE 510)		(182) 80001 - 81741 (T182) 08001 - 08480	01
	S1635-1	. CONTACT	V49367		AR
PR001	S1640-9	CONNECTOR - RIGHT WING DISCONNECT (ZONE 610)		(182) 80001 - 81741 (T182) 08001 - 08480	01
	S1635-1	. CONTACT	V49367		AR
	S1635-2	. CONTACT			AR
PR003	S1637-1	CONNECTOR - RIGHT COURTESY LIGHT DISCONNECT (ZONE 610)		(182) 80001 - 81741 (T182) 08001 - 08480	01
	S1635-1	. CONTACT	V49367		AR
PR020	S1637-1	CONNECTOR - RIGHT COURTESY LIGHT DISCONNECT (ZONE 610)		(182) 80001 - 81741 (T182) 08001 - 08480	01
	S1635-1	. CONTACT	V49367		AR

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Figure 01 : Sheet 01 : UNDER WING COURTESY LIGHTS



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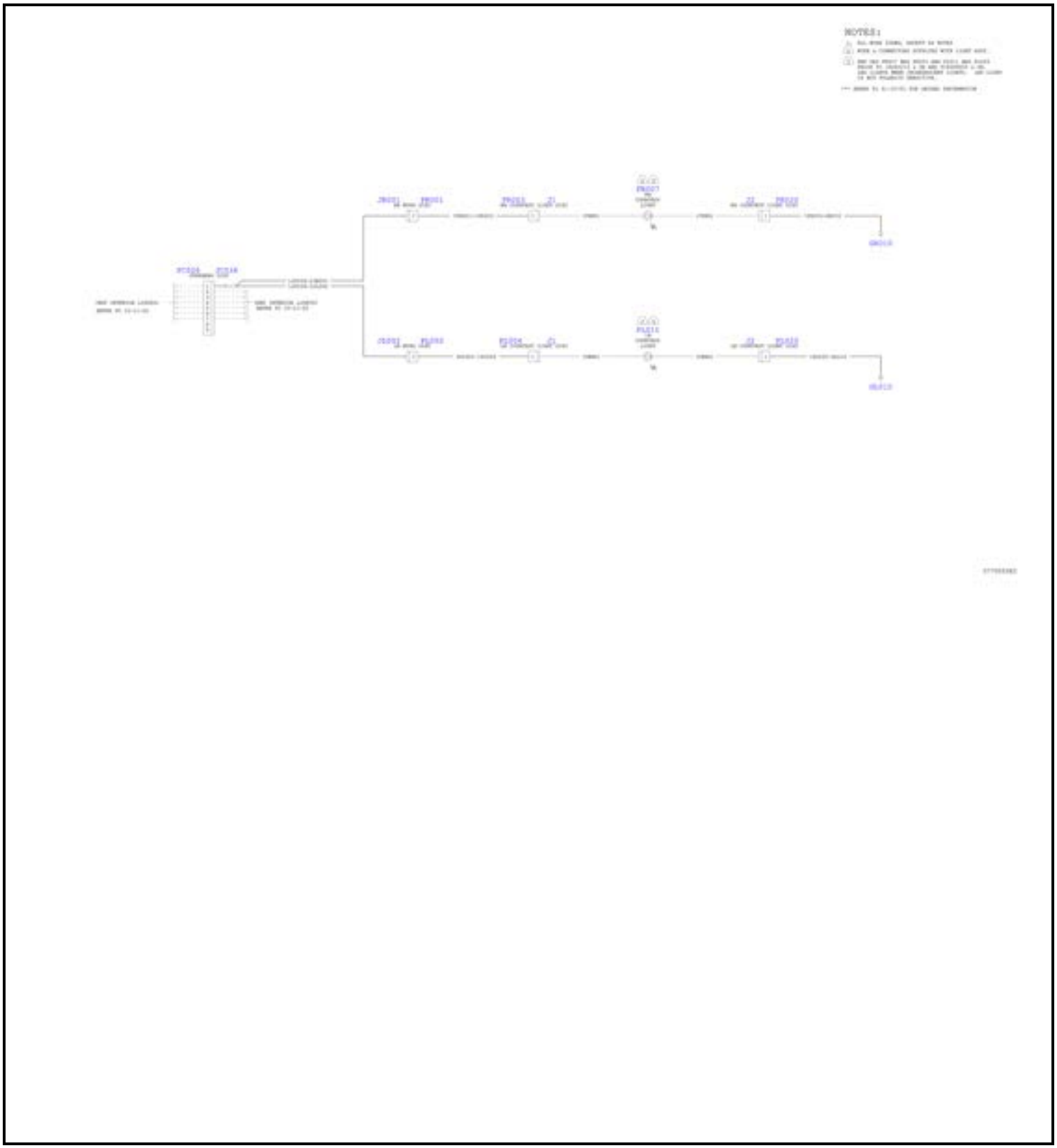
UNDER WING COURTESY LIGHTS W/NAV III

AIRPLANES (182) 81742 & ON WITH NAV III OPTION AND AIRPLANES (T182) 08481 & ON WITH NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
FL011		LIGHT - LEFT COURTESY			RF
FR007		LIGHT - RIGHT COURTESY			RF
GL010	0708001-2	GROUND (ZONE 510)		(182) 81742 & ON (T182) 08481 & ON	01
GR010	0708001-2	GROUND (ZONE 610)		(182) 81742 & ON (T182) 08481 & ON	01
J1	S1637-2	CONNECTOR - COURTESY LIGHT DISCONNECT (ZONE 520)		(182) 81742 & ON (T182) 08481 & ON	01
	S1636-2	. CONTACT			01
J2	770585-1	CONNECTOR - POWER SUPPLY DISCONNECT (ZONE 121)	V00779	(182) 81742 & ON (T182) 08481 & ON	01
JC036	S1641-9	CONNECTOR		(182) 81742 & ON (T182) 08481 & ON	01
	S1636-1	. SOCKET			AR
	S1636-2	. SOCKET			AR
JL002	S1641-12	HOUSING (ZONE 510)		(182) 81742 & ON (T182) 08481 & ON	01
	S1636-1	. ELECTRICAL SOCKET			AR
	S1636-2	. SOCKET			AR
JR001	S1641-9	CONNECTOR - RIGHT WING DISCONNECT (ZONE 610)		(182) 81742 & ON (T182) 08481 & ON	01
	S1636-1	. CONTACT			AR
	S1636-2	. CONTACT			AR
PC026	S2349-1	CONNECTOR - PLUG	V00779	(182) 81318 & ON (T182) 08232 & ON	01
	S2099-13	. CONTACT		(182) 81318 - 82280 (T182) 08232 - 09023	02
	S2099-3	. CONTACT			02
	S2099-4	. CONTACT	V00779		09
	S3373-2	. CONTACT - SOCKET			02
PL002	S1640-12	HOUSING (ZONE 510)		(182) 81742 & ON (T182) 08481 & ON	01
	S1635-1	. PIN	V49367		AR
	S1635-2	. PIN			AR
PL004	S1637-1	CONNECTOR - LEFT COURTESY LIGHT DISCONNECT (ZONE 510)		(182) 81742 & ON (T182) 08481 & ON	01
	S1635-1	. CONTACT	V49367		AR
PL020	S1637-1	CONNECTOR - LEFT COURTESY LIGHT DISCONNECT (ZONE 510)		(182) 81742 & ON (T182) 08481 & ON	01
	S1635-1	. CONTACT	V49367		AR
PR001	S1640-9	CONNECTOR - RIGHT WING DISCONNECT (ZONE 610)		(182) 81742 & ON (T182) 08481 & ON	01
	S1635-1	. CONTACT	V49367		AR
	S1635-2	. CONTACT			AR
PR003	S1637-1	CONNECTOR - RIGHT COURTESY LIGHT DISCONNECT (ZONE 610)		(182) 81742 & ON (T182) 08481 & ON	01
	S1635-1	. CONTACT	V49367		AR
PR020	S1637-1	CONNECTOR - RIGHT COURTESY LIGHT DISCONNECT (ZONE 610)		(182) 81742 & ON (T182) 08481 & ON	01
	S1635-1	. CONTACT	V49367		AR

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Figure 02 : Sheet 01 : UNDER WING COURTESY LIGHTS W/NAV III



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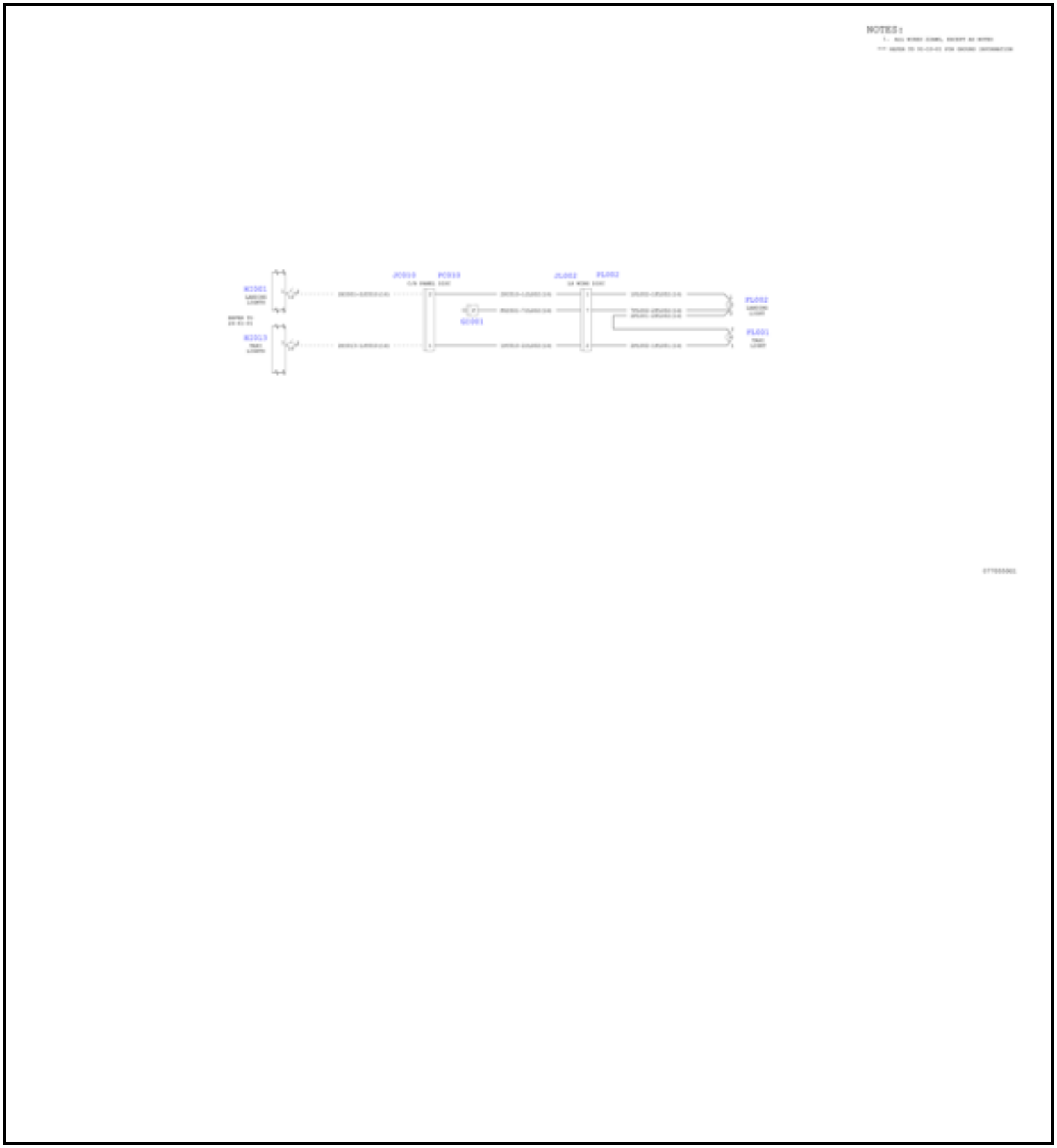
LANDING AND TAXI LIGHTS

AIRPLANES (182) 80001 THRU 81503 AND AIRPLANES (T182) 08001 THRU 08357 WITHOUT NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
FL001		LIGHT ASSEMBLY - TAXI			RF
FL002		LIGHT ASSEMBLY - LANDING			RF
GI001	200838-2	GROUND BLOCK (ZONE 211)	V00779	(182) 80001 - 81503 (T182) 08001 - 08357	01
	S2099-13	. CONTACT			02
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
HI001	CM3589-10	CIRCUIT BREAKER (ZONE 224)		(182) 80001 - 81503 (T182) 08001 - 08357	01
	S2122-1	. NUT			01
HI013	CM3589-10	CIRCUIT BREAKER (ZONE 224)		(182) 80001 - 81503 (T182) 08001 - 08357	01
JC010	S1641-9	CONNECTOR - HOUSING-SOCKET (ZONE 224)		(182) 80001 - 81503 (T182) 08001 - 08357	01
	S1636-1	. ELECTRICAL SOCKET			AR
	S1636-2	. SOCKET			AR
JL002	S1641-12	HOUSING (ZONE 510)		(182) 80001 - 81503 (T182) 08001 - 08357	01
	S1636-1	. ELECTRICAL SOCKET			AR
	S1636-2	. SOCKET			AR
PC010	S1640-9	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(182) 80001 - 81503 (T182) 08001 - 08357	01
	S1635-1	. CONTACT	V49367		AR
	S1635-2	. CONTACT			AR
PL002	S1640-12	HOUSING (ZONE 510)		(182) 80001 - 81503 (T182) 08001 - 08357	01
	S1635-1	. PIN	V49367		AR
	S1635-2	. PIN			AR

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Figure 01 : Sheet 01 : LANDING AND TAXI LIGHTS



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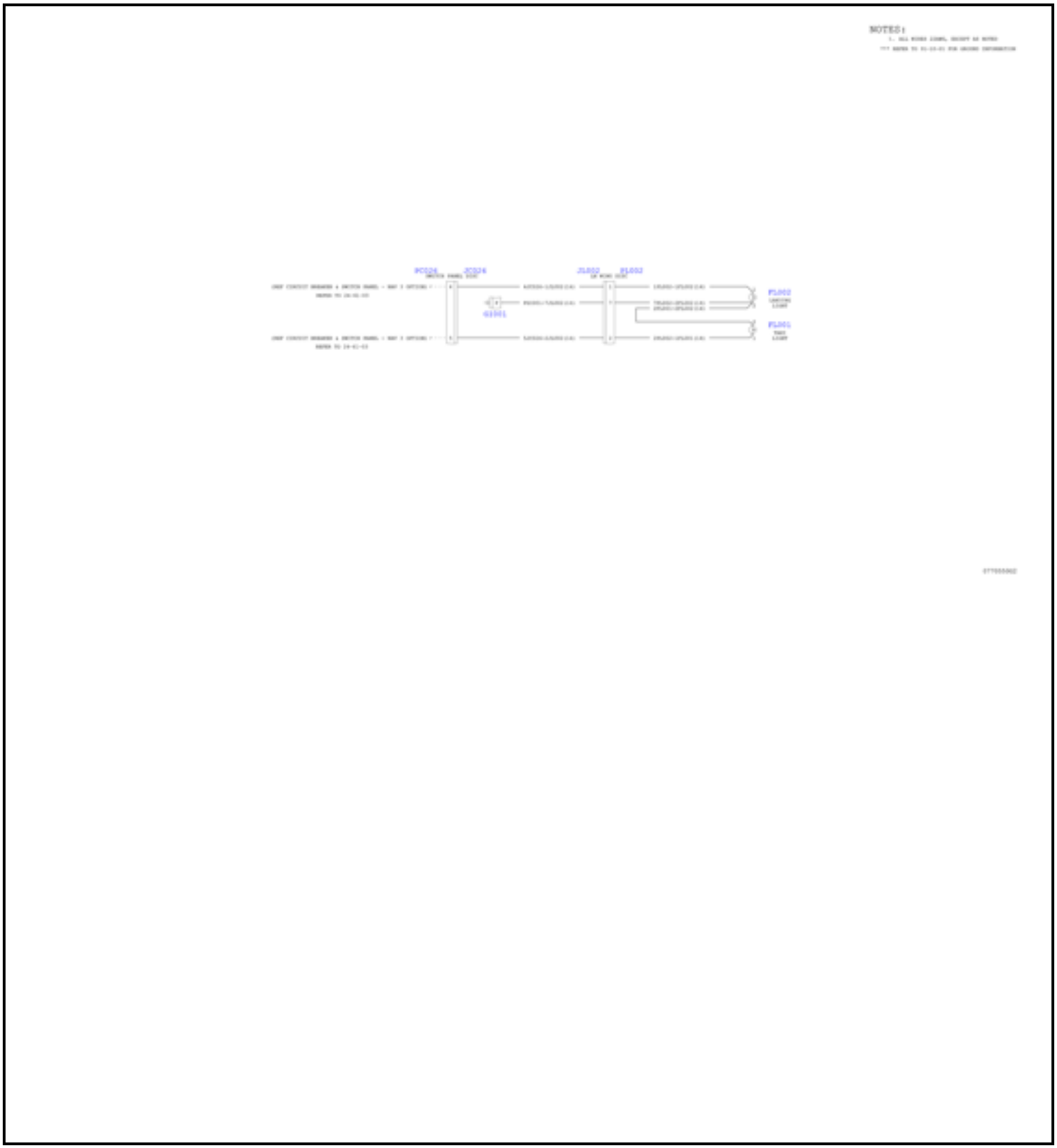
LANDING AND TAXI LIGHTS W/NAV III

AIRPLANES (182) 81318 THRU 81503 AND AIRPLANES (T182) 08232 THRU 08357 WITH NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
FL001		LIGHT ASSEMBLY - TAXI			RF
FL002		LIGHT ASSEMBLY - LANDING			RF
GI001	200838-2	GROUND BLOCK (ZONE 211)	V00779	(182) 81318 - 81503 (T182) 08232 - 08357	01
	S2099-13	. CONTACT			02
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
JC026	S2350-3	HOUSING - RECEPTACLE (ZONE 220)		(182) 81318 & ON (T182) 08232 & ON	01
	S2353-4	. CONTACT			AR
	S2353-6	. CONTACT		(182) 81318 - 82280	AR
	S3373-1	. CONTACT			AR
	S2353-5	. PIN			AR
JL002	S1641-12	HOUSING (ZONE 510)		(182) 81318 - 81503 (T182) 08232 - 08357	01
	S1636-1	. ELECTRICAL SOCKET			AR
	S1636-2	. SOCKET			AR
PC026	S2349-1	CONNECTOR - PLUG	V00779	(182) 81318 & ON (T182) 08232 & ON	01
	S2099-13	. CONTACT		(182) 81318 - 82280 (T182) 08232 - 09023	02
	S2099-3	. CONTACT			02
	S2099-4	. CONTACT	V00779		09
	S3373-2	. CONTACT - SOCKET			02
PL002	S1640-12	HOUSING (ZONE 510)		(182) 81318 - 81503 (T182) 08232 - 08357	01
	S1635-1	. PIN	V49367		AR
	S1635-2	. PIN			AR

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Figure 02 : Sheet 01 : LANDING AND TAXI LIGHTS W/NAV III



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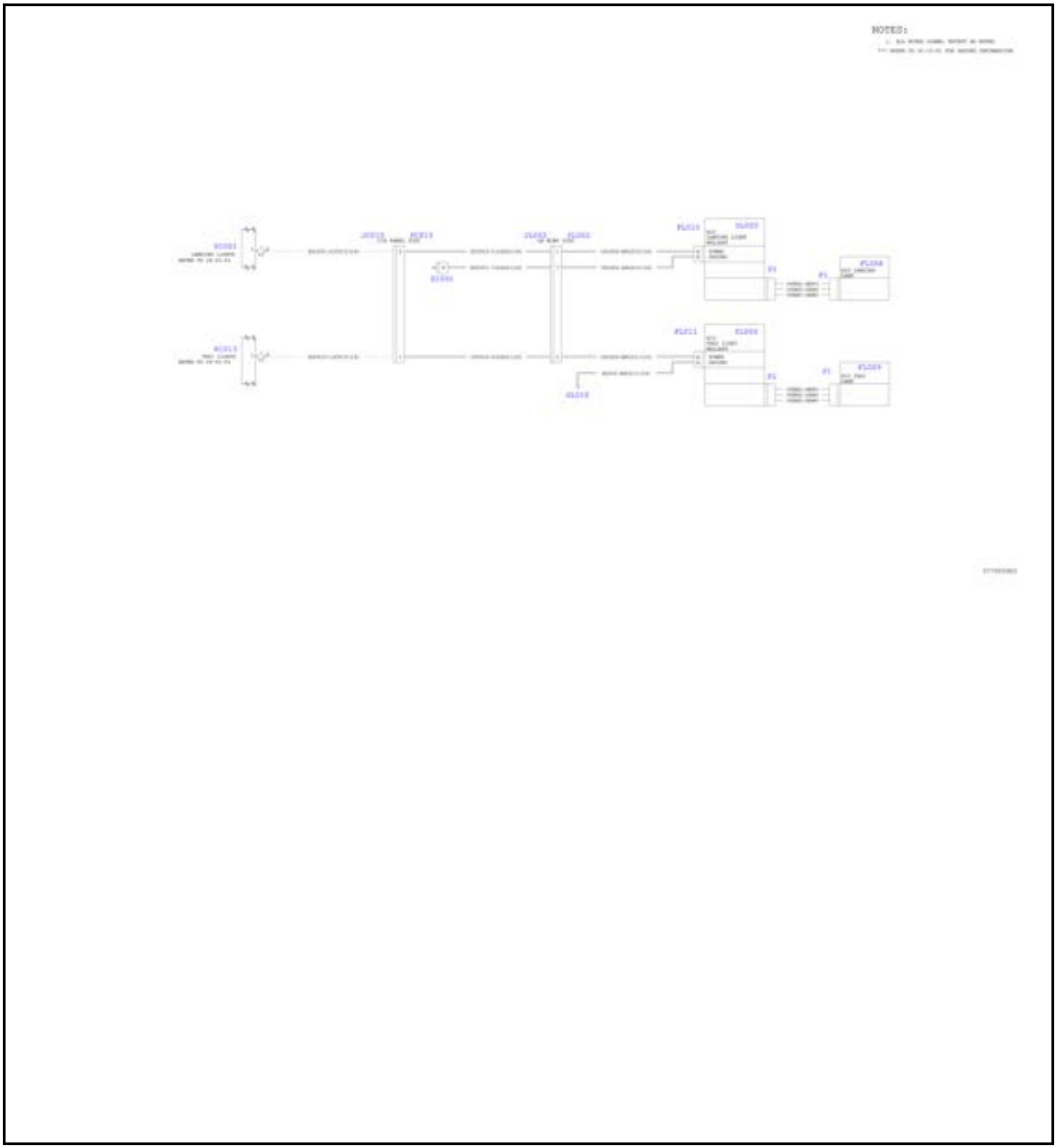
LANDING AND TAXI LIGHTS WITHOUT NAV III

AIRPLANES (182) 81504 THRU 82280 WITHOUT NAV III OPTION AND AIRPLANES (T182) 08358 THRU 09023 WITHOUT NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
FL008	81008-1	HID LIGHT - LANDING (ZONE 520)	V32890	(182) 81504 - 82280 (T182) 08358 - 09023	01
FL009	81009-1	HID LIGHT - TAXI (ZONE 520)	V32890	(182) 81504 - 82280 (T182) 08358 - 09023	01
GI001	200838-2	GROUND BLOCK (ZONE 211)	V00779	(182) 81504 - 82280 (T182) 08358 - 09023	01
	S2099-13	. CONTACT			02
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
GL010	2-36153-2	GROUND - LEFT STROBE POWER SUPPLY DISCONNECT (ZONE 510)	V10402	(182) 81504 - 82280 (T182) 08358 - 09023	01
HI001	CM3589-10	CIRCUIT BREAKER (ZONE 224)		(182) 81504 - 82280 (T182) 08358 - 09023	01
	S2122-1	. NUT			01
HI013	CM3589-10	CIRCUIT BREAKER (ZONE 224)		(182) 81504 - 82280 (T182) 08358 - 09023	01
JC010	S1641-9	CONNECTOR - HOUSING-SOCKET (ZONE 224)		(182) 81504 - 82280 (T182) 08358 - 09023	01
	S1636-1	. ELECTRICAL SOCKET			AR
	S1636-2	. SOCKET			AR
JL002	S1641-12	HOUSING (ZONE 510)		(182) 81504 - 82280 (T182) 08358 - 09023	01
	S1636-1	. ELECTRICAL SOCKET			AR
	S1636-2	. SOCKET			AR
P1	S1640-9	CONNECTOR - DIMMING MODULE		(182) 81504 - 82280 (T182) 08358 - 09023	01
	S1635-1	. CONTACT	V49367		09
P1	1-480351-0	CONNECTOR - STROBE DISCONNECT (ZONE 520)	V10402	(182) 81504 - 82280 (T182) 08358 - 09023	01
P1	S1638-1	CONNECTOR - STROBE DISCONNECT (ZONE 520)		(182) 81504 - 82280 (T182) 08358 - 09023	01
	39-0403073-04	. CONNECTOR	V10402		01
P1	S1640-6	CONNECTOR - DIMMING MODULE (ZONE 222)		(182) 81504 - 82280 (T182) 08358 - 09023	01
	S1635-1	. CONTACT	V49367	(182) 08481 & ON (182) 81742 & ON	AR
PC010	S1640-9	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(182) 81504 - 82280 (T182) 08358 - 09023	01
	S1635-1	. CONTACT	V49367		AR
	S1635-2	. CONTACT			AR
PL002	S1640-12	HOUSING (ZONE 510)		(182) 81504 - 82280 (T182) 08358 - 09023	01
	S1635-1	. PIN	V49367		AR
	S1635-2	. PIN			AR
PL010	AEKTKSAD0409	CONNECTOR KIT (ZONE 520)	V1F242	(182) 81504 - 82280 (T182) 08358 - 09023	01
PL011	AEKTKSAD0409	CONNECTOR KIT (ZONE 520)	V1F242	(182) 81504 - 82280 (T182) 08358 - 09023	01
UL005		BALLAST KIT			RF
UL006		BALLAST KIT			RF

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Figure 03 : Sheet 01 : LANDING AND TAXI LIGHTS WITHOUT NAV III



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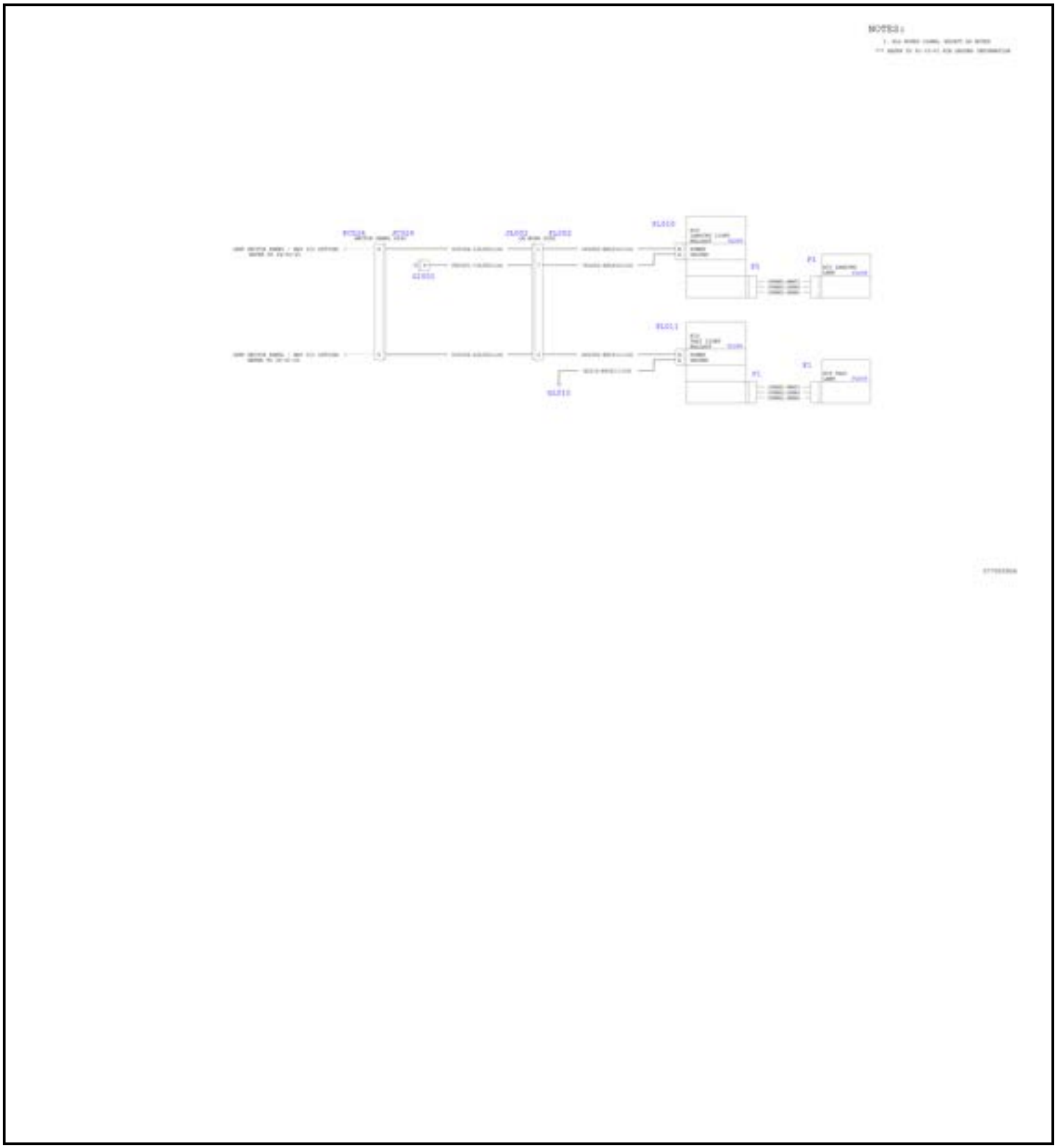
LANDING AND TAXI LIGHTS W/NAV III

AIRPLANES (182) 81504 THRU 82280 WITH NAV III OPTION AND AIRPLANES (T182) 08358 THRU 09023 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 - LANDING (ZONE 520)	V32890	(182) 81504 - 82280 (T182) 08358 - 09023	01
FL009	81009-1	HID LIGHT - TAXI (ZONE 520)	V32890	(182) 81504 - 82280 (T182) 08358 - 09023	01
GI001	200838-2	GROUND BLOCK (ZONE 211)	V00779	(182) 81504 - 82280 (T182) 08358 - 09023	01
	S2099-13	. CONTACT			02
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
GL010	2-36153-2	GROUND - LEFT STROBE POWER SUPPLY DISCONNECT (ZONE 510)	V10402	(182) 81504 - 82280 (T182) 08358 - 09023	01
JC026	S2350-3	HOUSING - RECEPTACLE (ZONE 220)		(182) 81318 & ON (T182) 08232 & ON	01
	S2353-4	. CONTACT			AR
	S2353-6	. CONTACT		(182) 81318 - 82280	AR
	S3373-1	. CONTACT			AR
	S2353-5	. PIN			AR
JL002	S1641-12	HOUSING (ZONE 510)		(182) 81504 - 82280 (T182) 08358 - 09023	01
	S1636-1	. ELECTRICAL SOCKET			AR
	S1636-2	. SOCKET			AR
P1	S1640-9	CONNECTOR - DIMMING MODULE		(182) 81504 - 82280 (T182) 08358 - 09023	01
	S1635-1	. CONTACT	V49367		09
P1	1-480351-0	CONNECTOR - STROBE DISCONNECT (ZONE 520)	V10402	(182) 81504 - 82280 (T182) 08358 - 09023	01
P1	S1638-1	CONNECTOR - STROBE DISCONNECT (ZONE 520)		(182) 81504 - 82280 (T182) 08358 - 09023	01
	39-0403073-04	. CONNECTOR	V10402		01
P1	S1640-6	CONNECTOR - DIMMING MODULE (ZONE 222)		(182) 81504 - 82280 (T182) 08358 - 09023	01
	S1635-1	. CONTACT	V49367	(182) 08481 & ON (182) 81742 & ON	AR
PC026	S2349-1	CONNECTOR - PLUG	V00779	(182) 81318 & ON (T182) 08232 & ON	01
	S2099-13	. CONTACT		(182) 81318 - 82280 (T182) 08232 - 09023	02
	S2099-3	. CONTACT			02
	S2099-4	. CONTACT	V00779		09
	S3373-2	. CONTACT - SOCKET			02
PL002	S1640-12	HOUSING (ZONE 510)		(182) 81504 - 82280 (T182) 08358 - 09023	01
	S1635-1	. PIN	V49367		AR
	S1635-2	. PIN			AR
PL010	AEKTKSAD0409	CONNECTOR KIT (ZONE 520)	V1F242	(182) 81504 - 82280 (T182) 08358 - 09023	01
PL011	AEKTKSAD0409	CONNECTOR KIT (ZONE 520)	V1F242	(182) 81504 - 82280 (T182) 08358 - 09023	01
UL005		BALLAST KIT			RF
UL006		BALLAST KIT			RF

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Figure 04 : Sheet 01 : LANDING AND TAXI LIGHTS W/NAV III



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LANDING AND TAXI LIGHTS W/NAV III

AIRPLANES (182) 82281 THRU 82330 WITH NAV III OPTION AND AIRPLANES (T182) 09024 THRU 09071 WITH NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GL010	0708001-2	GROUND (ZONE 510)		(182) 82281 - 82330 (T182) 09024 - 09071	01
GL010	2-36153-2	GROUND - LEFT STROBE POWER SUPPLY DISCONNECT (ZONE 510)	V10402	(182) 82281 - 82330 (T182) 09024 - 09071	01
GR010	0708001-2	GROUND (ZONE 610)		(182) 82281 - 82330 (T182) 09024 - 09071	01
JC025	S2350-3	CONNECTOR		(182) 82281 - 82330 (T182) 09024 - 09071	01
	S2353-4	. CONTACT			01
	S2353-5	. CONTACT			06
	S2353-6	. CONTACT			05
	S3373-1	. CONTACT			01
JC026	S2350-3	HOUSING - RECEPTACLE (ZONE 220)		(182) 81318 & ON (T182) 08232 & ON	01
	S2353-4	. CONTACT			AR
	S2353-6	. CONTACT		(182) 81318 - 82280	AR
	S3373-1	. CONTACT			AR
	S2353-5	. PIN			AR
JC037	S2350-5	CONNECTOR	V00779	(182) 82281 - 82330 (T182) 09024 - 09071	01
	S2353-5	. PIN			AR
JL002	S1641-12	HOUSING (ZONE 510)		(182) 82281 - 82330 (T182) 09024 - 09071	01
	S1636-1	. ELECTRICAL SOCKET			AR
	S1636-2	. SOCKET			AR
JL012	206433-2	CONNECTOR	V00779	(182) 82281 - 82330 (T182) 09024 - 09071	01
	S2351-2	. BACKSHELL	V00779		01
	M39029/63-368	. CONTACT	V28198		01
JR011	206433-2	CONNECTOR	V00779	(182) 82281 - 82330 (T182) 09024 - 09071	01
	S2351-2	. BACKSHELL	V00779		01
	M39029/63-368	. CONTACT	V28198		AR
JR013	206433-2	CONNECTOR (ZONE 00779)	V00779	(182) 82281 - 82330 (T182) 09024 - 09071	01
	S2351-2	. BACKSHELL	V00779		01
	M39029/63-368	. CONTACT	V28198		AR
P1	S1640-9	CONNECTOR - DIMMING MODULE		(182) 82281 - 82330 (T182) 09024 - 09071	01
	S1635-1	. CONTACT	V49367		09
P1	S1640-6	CONNECTOR - DIMMING MODULE (ZONE 222)		(182) 82281 - 82330 (T182) 09024 - 09071	01
	S1635-1	. CONTACT	V49367	(182) 08481 & ON (182) 81742 & ON	AR
P1	S1638-1	CONNECTOR - STROBE DISCONNECT (ZONE 520)		(182) 82281 - 82330 (T182) 09024 - 09071	01
	39-0403073-04	. CONNECTOR	V10402		01
P1	1-480351-0	CONNECTOR - STROBE DISCONNECT (ZONE 520)	V10402	(182) 82281 - 82330 (T182) 09024 - 09071	01
PC025	S2349-1	CONNECTOR	V00779	(182) 82281 - 82330 (T182) 09024 - 09071	01
	S2099-13	. CONTACT			06
	S2099-3	. CONTACT			02
	S2099-4	. CONTACT	V00779		05
	S3373-2	. CONTACT			02
PC026	S2349-1	CONNECTOR - PLUG	V00779	(182) 81318 & ON (T182) 08232 & ON	01
	S2099-13	. CONTACT		(182) 81318 - 82280 (T182) 08232 - 09023	02
	S2099-3	. CONTACT			02
	S2099-4	. CONTACT	V00779		09
	S3373-2	. CONTACT - SOCKET			02
PC037	S2349-2	CONNECTOR	V00779	(182) 82281 - 82330 (T182) 09024 - 09071	01
	S2099-4	. CONTACT	V00779		AR
PI038		CONNECTOR			RF
PL002	S1640-12	HOUSING (ZONE 510)		(182) 82281 - 82330 (T182) 09024 - 09071	01
	S1635-1	. PIN	V49367		AR
	S1635-2	. PIN			AR
PR011	206434-1	CONNECTOR	V00779	(182) 82281 - 82330 (T182) 09024 - 09071	01
	S2351-2	. BACKSHELL	V00779		01

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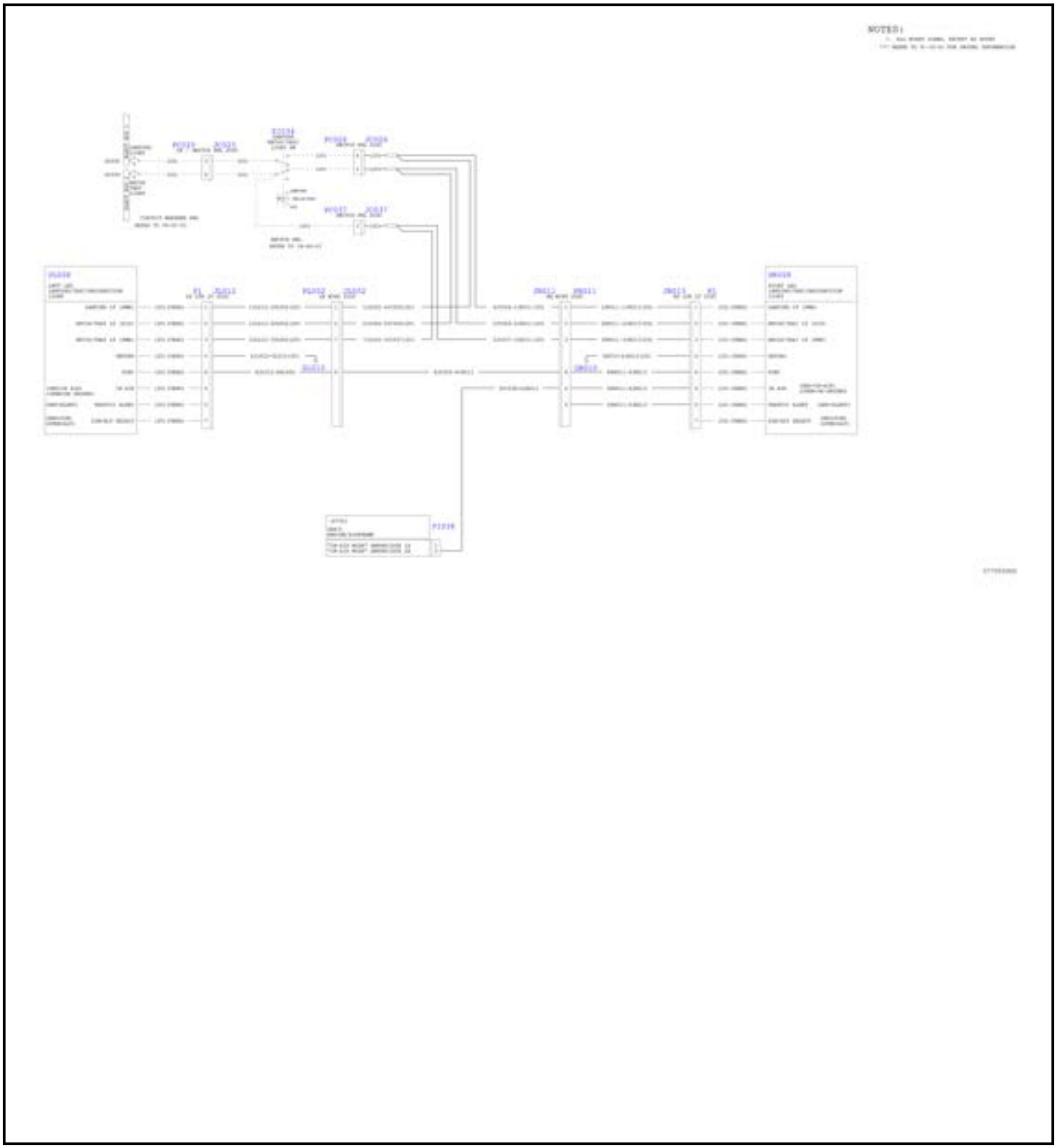
LANDING AND TAXI LIGHTS W/NAV III

AIRPLANES (182) 82281 THRU 82330 WITH NAV III OPTION AND AIRPLANES (T182) 09024 THRU 09071 WITH NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	EFFECTIVITY	UNITS PER ASSY
	M39029/64-369	. CONTACT	V28198	AR
SI034		SWITCH - LANDING RECOGNITION TAXI LIGHTS		RF
UL008		LED LIGHT - LEFT		RF
UR008		LED LIGHT - RIGHT		RF

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Figure 05 : Sheet 01 : LANDING AND TAXI LIGHTS W/NAV III



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LANDING AND TAXI LIGHTS W/NAV III

AIRPLANES (182) 82331 & ON WITH NAV III OPTION AND AIRPLANES (T182) 09072 & ON WITH NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GL010	0708001-2	GROUND (ZONE 510)		(182) 82331 & ON (T182) 09072 & ON	01
GL010	2-36153-2	GROUND - LEFT STROBE POWER SUPPLY DISCONNECT (ZONE 510)	V10402	(182) 82331 & ON (T182) 09072 & ON	01
GR010	0708001-2	GROUND (ZONE 610)		(182) 82331 & ON (T182) 09072 & ON	01
JC025	S2350-3	CONNECTOR		(182) 82331 & ON (T182) 09072 & ON	01
	S2353-4	. CONTACT			01
	S2353-5	. CONTACT			06
	S2353-6	. CONTACT			05
	S3373-1	. CONTACT			01
JC026	S2350-3	HOUSING - RECEPTACLE (ZONE 220)		(182) 81318 & ON (T182) 08232 & ON	01
	S2353-4	. CONTACT			AR
	S2353-6	. CONTACT		(182) 81318 - 82280	AR
	S3373-1	. CONTACT			AR
	S2353-5	. PIN			AR
JC037	S2350-5	CONNECTOR	V00779	(182) 82331 & ON (T182) 09072 & ON	01
	S2353-5	. PIN			AR
JL002	S1641-12	HOUSING (ZONE 510)		(182) 82331 & ON (T182) 09072 & ON	01
	S1636-1	. ELECTRICAL SOCKET			AR
	S1636-2	. SOCKET			AR
JL012	206433-2	CONNECTOR	V00779	(182) 82331 & ON (T182) 09072 & ON	01
	S2351-2	. BACKSHELL	V00779		01
	M39029/63-368	. CONTACT	V28198		01
JR011	206433-2	CONNECTOR	V00779	(182) 82331 & ON (T182) 09072 & ON	01
	S2351-2	. BACKSHELL	V00779		01
	M39029/63-368	. CONTACT	V28198		AR
JR013	206433-2	CONNECTOR (ZONE 00779)	V00779	(182) 82331 & ON (T182) 09072 & ON	01
	S2351-2	. BACKSHELL	V00779		01
	M39029/63-368	. CONTACT	V28198		AR
JT005	206152-1	RECEPTACLE	V00779	(182) 82331 & ON (T182) 09072 & ON	01
	S2351-1	. BACKSHELL	V00779		01
	M39029/64-369	. PIN	V28198		AR
P1	S1640-6	CONNECTOR - DIMMING MODULE (ZONE 222)		(182) 82331 & ON (T182) 09072 & ON	01
	S1635-1	. CONTACT	V49367	(182) 08481 & ON (182) 81742 & ON	AR
P1	1-480351-0	CONNECTOR - STROBE DISCONNECT (ZONE 520)	V10402	(182) 82331 & ON (T182) 09072 & ON	01
P1	S1638-1	CONNECTOR - STROBE DISCONNECT (ZONE 520)		(182) 82331 & ON (T182) 09072 & ON	01
	39-0403073-04	. CONNECTOR	V10402		01
P1	S1640-9	CONNECTOR - DIMMING MODULE		(182) 82331 & ON (T182) 09072 & ON	01
	S1635-1	. CONTACT	V49367		09
PC025	S2349-1	CONNECTOR	V00779	(182) 82331 & ON (T182) 09072 & ON	01
	S2099-13	. CONTACT			06
	S2099-3	. CONTACT			02
	S2099-4	. CONTACT	V00779		05
	S3373-2	. CONTACT			02
PC026	S2349-1	CONNECTOR - PLUG	V00779	(182) 81318 & ON (T182) 08232 & ON	01
	S2099-13	. CONTACT		(182) 81318 - 82280 (T182) 08232 - 09023	02
	S2099-3	. CONTACT			02
	S2099-4	. CONTACT	V00779		09
	S3373-2	. CONTACT - SOCKET			02
PC037	S2349-2	CONNECTOR	V00779	(182) 82331 & ON (T182) 09072 & ON	01
	S2099-4	. CONTACT	V00779		AR
PI038		CONNECTOR			RF
PL002	S1640-12	HOUSING (ZONE 510)		(182) 82331 & ON (T182) 09072 & ON	01
	S1635-1	. PIN	V49367		AR

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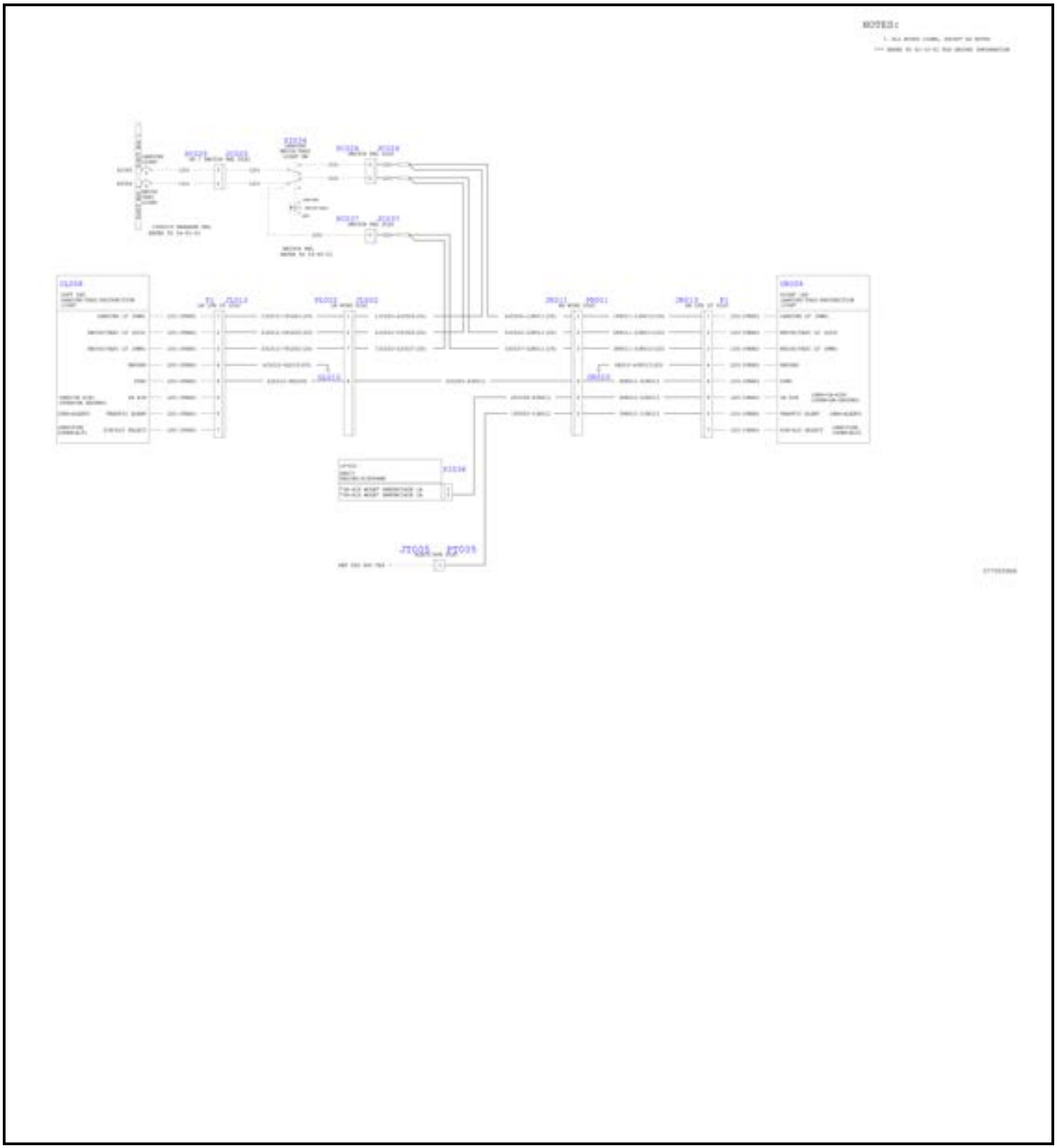
LANDING AND TAXI LIGHTS W/NAV III

AIRPLANES (182) 82331 & ON WITH NAV III OPTION AND AIRPLANES (T182) 09072 & ON WITH NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
	S1635-2	. PIN			AR
PR011	206434-1	CONNECTOR	V00779	(182) 82331 & ON (T182) 09072 & ON	01
	S2351-2	. BACKSHELL	V00779		01
	M39029/64-369	. CONTACT	V28198		AR
PT005	M39029/63-368	CONTACT	V28198	(182) 82331 & ON (T182) 09072 & ON	01
SI034		SWITCH - LANDING RECOGNITION TAXI LIGHTS			RF
UL008		LED LIGHT - LEFT			RF
UR008		LED LIGHT - RIGHT			RF

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Figure 06 : Sheet 01 : LANDING AND TAXI LIGHTS W/NAV III



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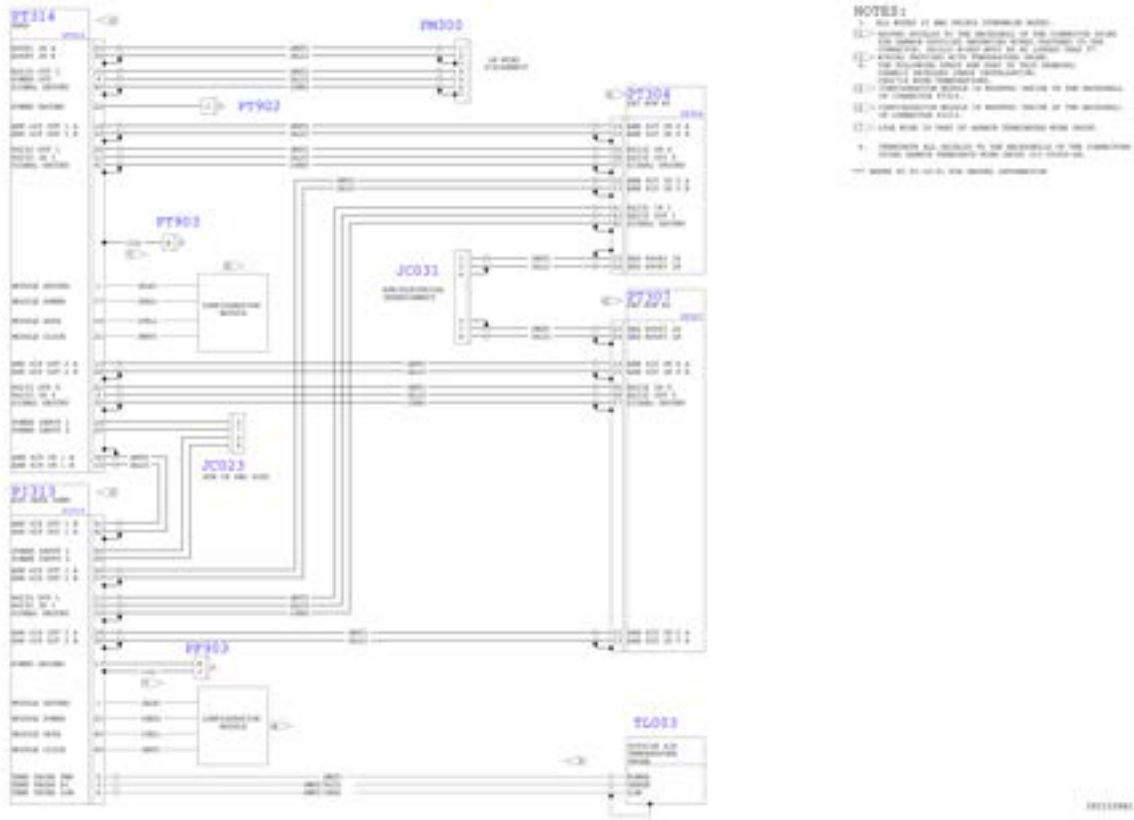
AIR DATA AND AHRS W/NAV III

AIRPLANES (182) 81318 THRU 81875 AND AIRPLANES (T182) 08232 THRU 08668

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
JC023	S2350-10	RECEPTACLE		(182) 81318 - 81875 (T182) 08232 - 08668	01
	S2353-4	. CONTACT			AR
	S2353-5	. PIN			AR
	S2353-7	. PIN			AR
JC031	S2350-4	RECEPTACLE - ELECTRICAL/AVIONIC DISCONNECT	V00779	(182) 81318 - 81875 (T182) 08232 - 08668	01
	S2353-5	. PIN			AR
PF903	SK2701	CONNECTOR (ZONE 221)	V28198	(182) 81318 - 81875 (T182) 08232 - 08668	01
	FC120N2	. CONTACT	V28198		AR
PI313	011-01010-00	CONNECTOR KIT	V0TRC3	(182) 81318 - 81875 (T182) 08232 - 08668	01
	011-00979-00	. CONFIGURATION MODULE KIT	V0TRC3		01
	011-01010-01	. GDC7X, SUB ASSEMBLY	V0TRC3		01
PM300	206433-2	CONNECTOR (ZONE 510)	V00779	(182) 81318 - 81875 (T182) 08232 - 08668	01
	5-66504-7	. CONTACT	V00779		AR
	206062-3	. STRAIN RELIEF	V00779		01
PT304		CONNECTOR - INTEGRATED AVIONIC 1			RF
PT307		CONNECTOR - INTEGRATED AVIONIC 2			RF
PT314	011-00869-00	CONNECTOR	V0TRC3	(182) 81318 - 81875 (T182) 08232 - 08668	01
	011-00979-00	. CONFIGURATION MODULE KIT	V0TRC3		01
	011-00869-01	. GRS77, SUB-ASSEMBLY	V0TRC3		01
PT902	SK2701	CONNECTOR	V28198	(182) 81318 - 81875 (T182) 08232 - 08668	01
	FC120N2	. CONTACT - CRIMP	V28198		01
PT903	SK2701	CONNECTOR	V28198	(182) 81318 - 81875 (T182) 08232 - 08668	01
	FC116N2	. CONTACT	V28198	(182) 81318 - 81875 (T182) 08232 - 08668	01
	FC120N2	. CONTACT	V28198		01
TL003		PROBE - OUTSIDE AIR TEMPERATURE			RF
UI313		COMPUTER - AIR DATA			RF
UT304		INTEGRATED AVIONICS UNIT 1			RF
UT307		INTEGRATED AVIONICS UNIT 2			RF
UT314		AHRS			RF

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Figure 01 : Sheet 01 : AIR DATA AND AHRS W/NAV III



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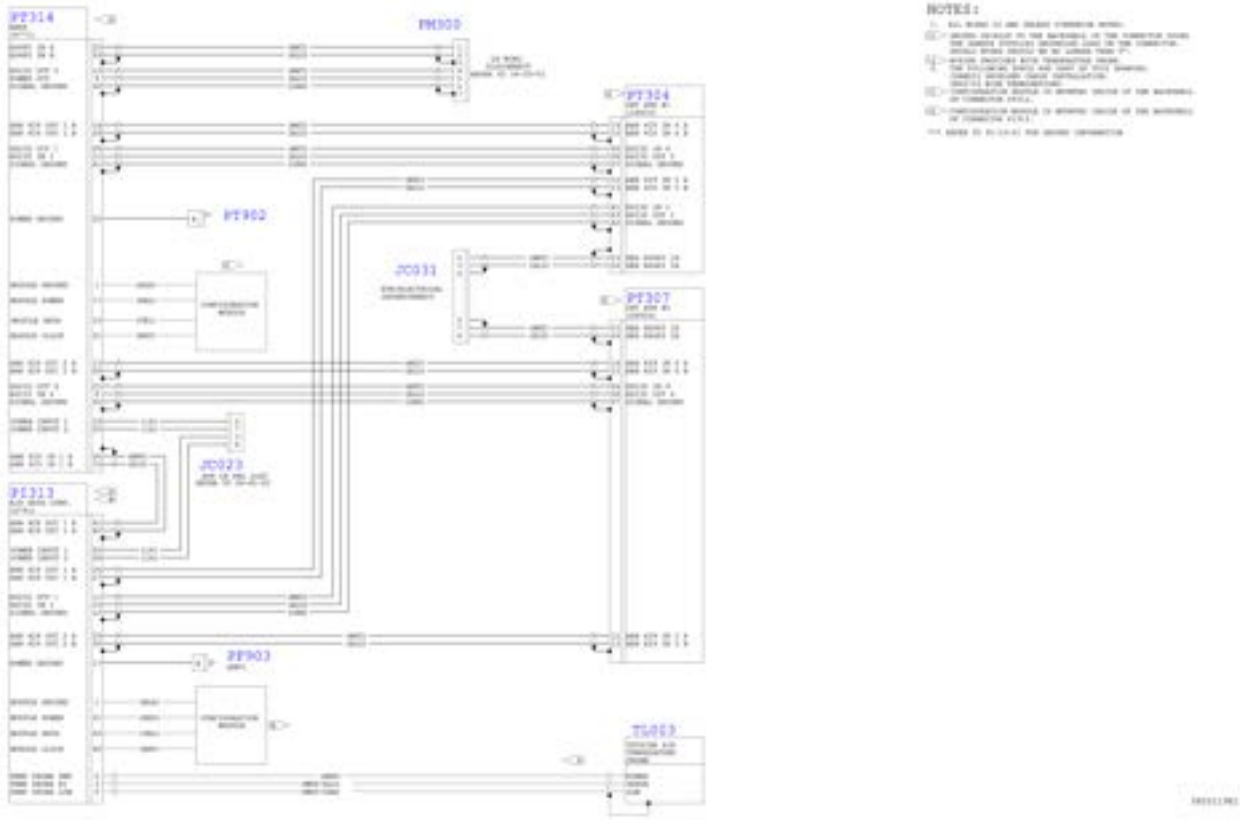
AIR DATA AND AHRS-NAV III, NAV III W/ADF

AIRPLANES (182) 81876 & ON AND AIRPLANES (T182) 08669 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
JC023	S2350-10	RECEPTACLE		(182) 81876 & ON (T182) 08669 & ON	01
	S2353-4	. CONTACT			AR
	S2353-5	. PIN			AR
	S2353-7	. PIN			AR
JC031	S2350-4	RECEPTACLE - ELECTRICAL/AVIONIC DISCONNECT	V00779	(182) 81876 & ON (T182) 08669 & ON	01
	S2353-5	. PIN			AR
PF903	SK2701	CONNECTOR (ZONE 221)	V28198	(182) 81876 & ON (T182) 08669 & ON	01
	FC120N2	. CONTACT	V28198		AR
PI313	011-01010-01	CONNECTOR	V0TRC3	(182) 81876 & ON (T182) 08669 & ON	01
PM300	206433-2	CONNECTOR (ZONE 510)	V00779	(182) 81876 & ON (T182) 08669 & ON	01
	5-66504-7	. CONTACT	V00779		AR
	206062-3	. STRAIN RELIEF	V00779		01
PT304		CONNECTOR - INTEGRATED AVIONIC 1			RF
PT307		CONNECTOR - INTEGRATED AVIONIC 2			RF
PT314	011-00869-01	GRS 77 CONNECTOR KIT	V0TRC3	(182) 81876 & ON (T182) 08669 & ON	01
PT902	SK2701	CONNECTOR	V28198	(182) 81876 & ON (T182) 08669 & ON	01
	FC120N2	. CONTACT - CRIMP	V28198		01
TL003		PROBE - OUTSIDE AIR TEMPERATURE			RF

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Figure 02 : Sheet 01 : AIR DATA AND AHRS-NAV III, NAV III W/ADF



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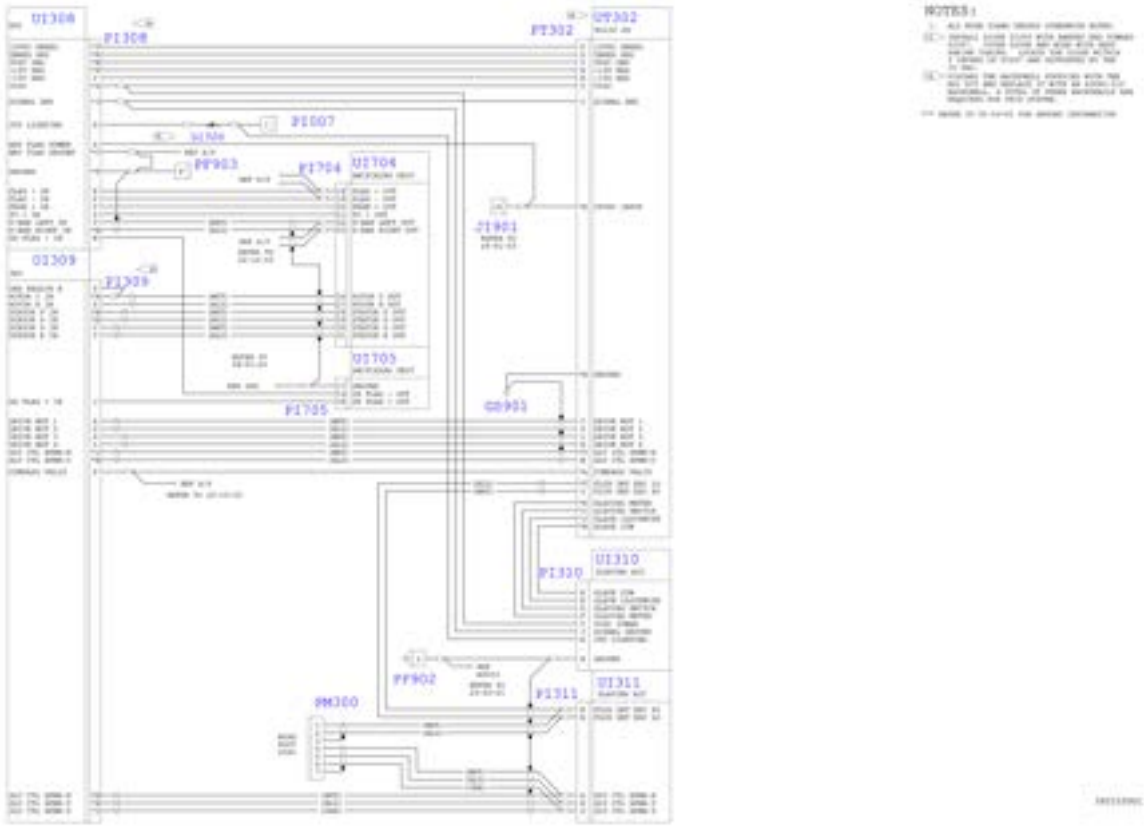
KCS-55A HORIZONTAL SITUATION INDICATOR-NAV I

AIRPLANES (182) 80454 THRU 80944

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
DI300	1N4370A	DIODE - CIRCUIT BREAKER PANEL (ZONE 224)		(182) 80454 - 80944	01
GS901		GROUND (ZONE 310)			RF
JI901	S2350-3	CONNECTOR - AVIONICS COOLING FAN		(182) 80454 - 80944	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PF902	SK2701	CONNECTOR (ZONE 221)	V28198	(182) 80454 - 80944	01
	FC120N2	. CONTACT	V28198		AR
PF903	SK2701	CONNECTOR (ZONE 221)	V28198	(182) 80454 - 80944	01
	FC120N2	. CONTACT	V28198		AR
PI007	S2035-1	CONNECTOR - DIRECTIONAL GYRO (ZONE 220)		(182) 80454 - 80944	01
	S1635-1	. CONTACT	V49367		AR
PI308	030-02153-0000	CONNECTOR - HORIZONTAL SITUATION INDICATOR (ZONE 310)	V22373	(182) 80454 - 80944	01
	S2800-216	. BACKSHELL			01
	050-01344-0002	. CONNECTOR KIT	V22373		01
PI309	030-02178-0000	CONNECTOR - HORIZONTAL SITUATION INDICATOR (ZONE 310)	V22373	(182) 80454 - 80944	01
	050-01344-0002	. CONNECTOR KIT	V22373		01
PI310	030-02421-0000	CONNECTOR - SLAVING ACC (ZONE 220)	V22373	(182) 80454 - 80944	01
	050-01928-0000	. CONNECTOR KIT	V22373		01
PI311	030-02423-0000	CONNECTOR - SLAVING ACC (ZONE 220)	V22373	(182) 80454 - 80944	01
	050-01928-0000	. CONNECTOR KIT	V22373		01
PI704	RD50F10JVL0	CONNECTOR KIT - GPS SWITCHING UNIT (ZONE 225)	V28198	(182) 80454 - 80944	01
PI705	RD50M10JVL0	CONNECTOR KIT - GPS SELECTOR (ZONE 225)	V28198	(182) 80454 - 80944	01
PM300	206433-2	CONNECTOR (ZONE 510)	V00779	(182) 80454 - 80944	01
	5-66504-7	. CONTACT	V00779		AR
	206062-3	. STRAIN RELIEF	V00779		01
PT302	050-01410-0002	CONNECTOR - KG102 DIGITAL GYRO (ZONE 310)	V22373	(182) 80454 - 80944	01
	S2800-216	. BACKSHELL			01
UI308		INDICATOR - HORIZONTAL SITUATION			RF
UI309		INDICATOR - HORIZONTAL SITUATION			RF
UI310		SLAVE - NAV			RF
UI311		SLAVE - NAV			RF
UI704		SWITCHING UNIT - NAVIGATION			RF
UI705		SWITCHING UNIT - NAVIGATION			RF
UT302		DIRECTIONAL GYRO			RF

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Figure 01 : Sheet 01 : KCS-55A HORIZONTAL SITUATION INDICATOR-NAV I



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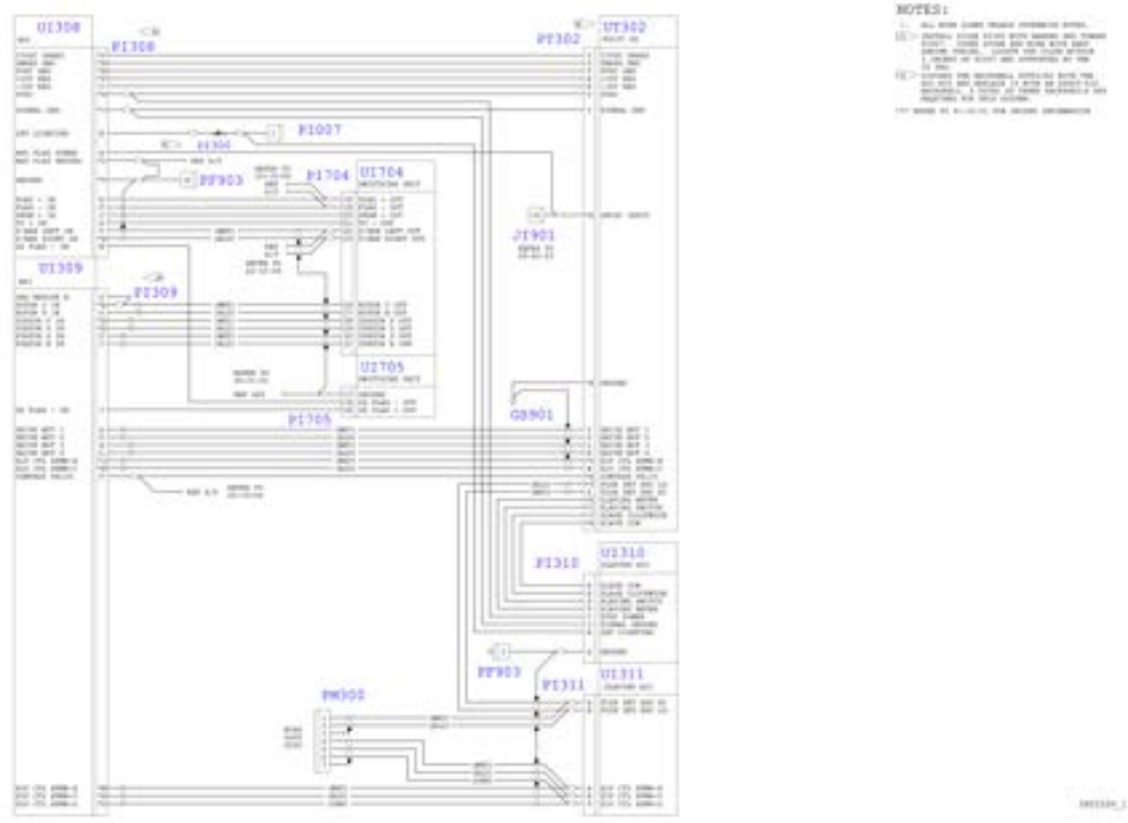
KCS-55A HORIZONTAL SITUATION INDICATOR-NAV I

AIRPLANES (182) 80945 & ON AND AIRPLANES (T182) 08001 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
DI300	1N4370A	DIODE - CIRCUIT BREAKER PANEL (ZONE 224)		(182) 80945 & ON (T182) 08001 & ON	01
GS901		GROUND (ZONE 310)			RF
JI901	S2350-3	CONNECTOR - AVIONICS COOLING FAN		(182) 80945 & ON (T182) 08001 & ON	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PF903	SK2701	CONNECTOR (ZONE 221)	V28198	(182) 80945 & ON (T182) 08001 & ON	01
	FC120N2	. CONTACT	V28198		AR
PI007	S2035-1	CONNECTOR - DIRECTIONAL GYRO (ZONE 220)		(182) 80945 & ON (T182) 08001 & ON	01
	S1635-1	. CONTACT	V49367		AR
PI308	030-02153-0000	CONNECTOR - HORIZONTAL SITUATION INDICATOR (ZONE 310)	V22373	(182) 80945 & ON (T182) 08001 & ON	01
	S2800-216	. BACKSHELL			01
	050-01344-0002	. CONNECTOR KIT	V22373		01
PI309	030-02178-0000	CONNECTOR - HORIZONTAL SITUATION INDICATOR (ZONE 310)	V22373	(182) 80945 & ON (T182) 08001 & ON	01
	050-01344-0002	. CONNECTOR KIT	V22373		01
PI310	030-02421-0000	CONNECTOR - SLAVING ACC (ZONE 220)	V22373	(182) 80945 & ON (T182) 08001 & ON	01
	050-01928-0000	. CONNECTOR KIT	V22373		01
PI311	030-02423-0000	CONNECTOR - SLAVING ACC (ZONE 220)	V22373	(182) 80945 & ON (T182) 08001 & ON	01
	050-01928-0000	. CONNECTOR KIT	V22373		01
PI704	RD50F10JVL0	CONNECTOR KIT - GPS SWITCHING UNIT (ZONE 225)	V28198	(182) 80945 & ON (T182) 08001 & ON	01
PI705	RD50M10JVL0	CONNECTOR KIT - GPS SELECTOR (ZONE 225)	V28198	(182) 80945 & ON (T182) 08001 & ON	01
PM300	206433-2	CONNECTOR (ZONE 510)	V00779	(182) 80945 & ON (T182) 08001 & ON	01
	5-66504-7	. CONTACT	V00779		AR
	206062-3	. STRAIN RELIEF	V00779		01
PT302	050-01410-0002	CONNECTOR - KG102 DIGITAL GYRO (ZONE 310)	V22373	(182) 80945 & ON (T182) 08001 & ON	01
	S2800-216	. BACKSHELL			01
UI308		INDICATOR - HORIZONTAL SITUATION			RF
UI309		INDICATOR - HORIZONTAL SITUATION			RF
UI310		SLAVE - NAV			RF
UI311		SLAVE - NAV			RF
UI704		SWITCHING UNIT - NAVIGATION			RF
UI705		SWITCHING UNIT - NAVIGATION			RF
UT302		DIRECTIONAL GYRO			RF

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Figure 02 : Sheet 01 : KCS-55A HORIZONTAL SITUATION INDICATOR-NAV I



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FLUX DETECTOR-NAV I W/HSI

AIRPLANES (182) 80454 THRU 80944

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
JM300	206434-1	CONNECTOR (ZONE 510)	V00779	(182) 80454 - 80944	01
	5-66506-9	. CONTACT	V00779		AR
	206062-3	. STRAIN RELIEF	V00779		01
PL301	030-02190-0000	CONNECTOR - FLUX TRANSMITTER (ZONE 510)	V22373	(182) 80454 - 80944	01
	050-01361-0000	. CONNECTOR KIT	V22373		01
UL301		TRANSMITTER - FLUX			RF

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Figure 01 : Sheet 01 : FLUX DETECTOR-NAV I W/HSI



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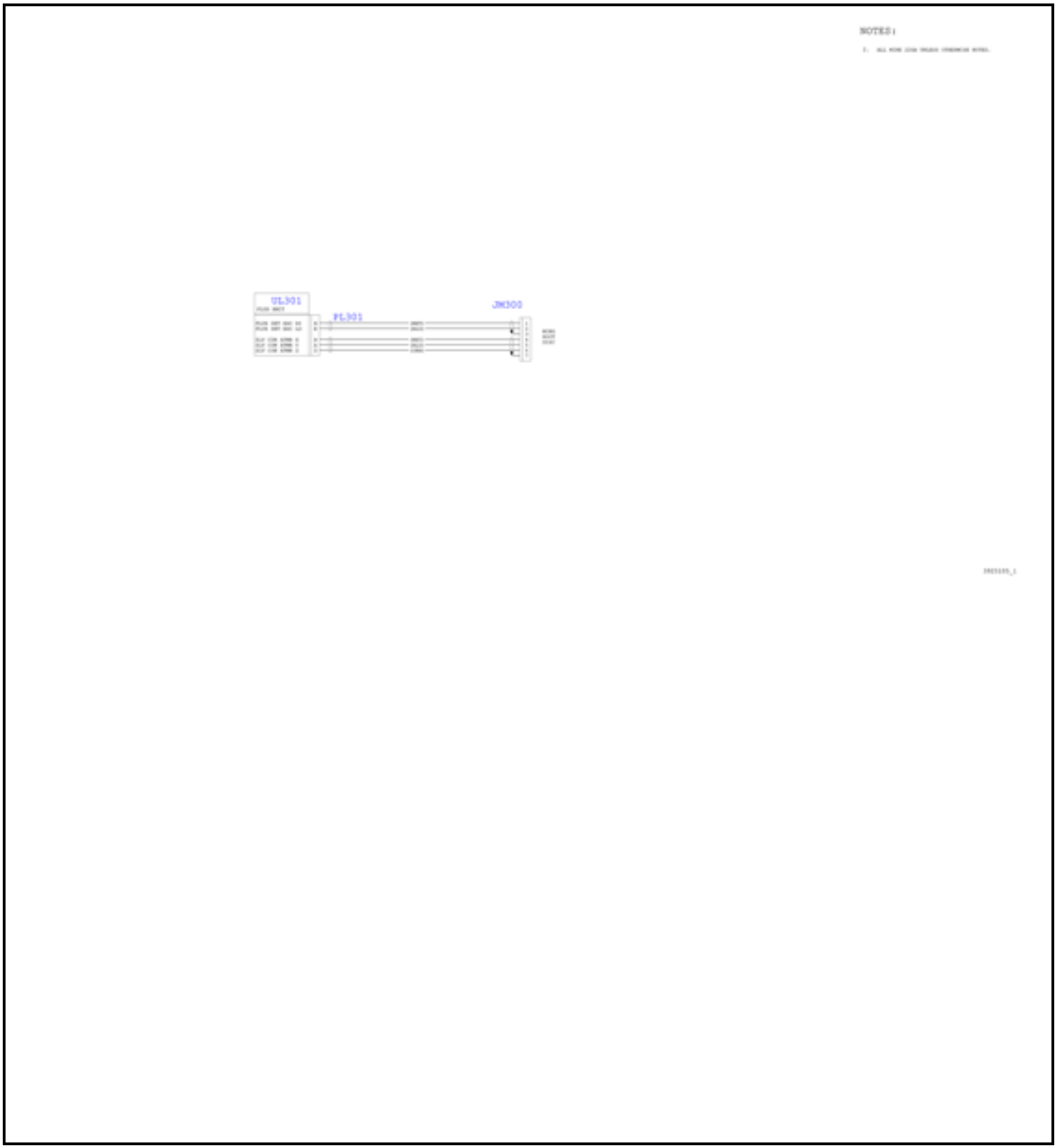
FLUX DETECTOR-NAV II W/HSI

AIRPLANES (182) 80945 & ON AND AIRPLANES (T182) 08001 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
JM300	206434-1	CONNECTOR (ZONE 510)	V00779	(182) 80945 & ON (T182) 08001 & ON	01
	5-66506-9	. CONTACT	V00779		AR
	206062-3	. STRAIN RELIEF	V00779		01
PL301	030-02190-0000	CONNECTOR - FLUX TRANSMITTER (ZONE 510)	V22373	(182) 80945 & ON (T182) 08001 & ON	01
	050-01361-0000	. CONNECTOR KIT	V22373		01
UL301		TRANSMITTER - FLUX			RF

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Figure 02 : Sheet 01 : FLUX DETECTOR-NAV II W/HSI



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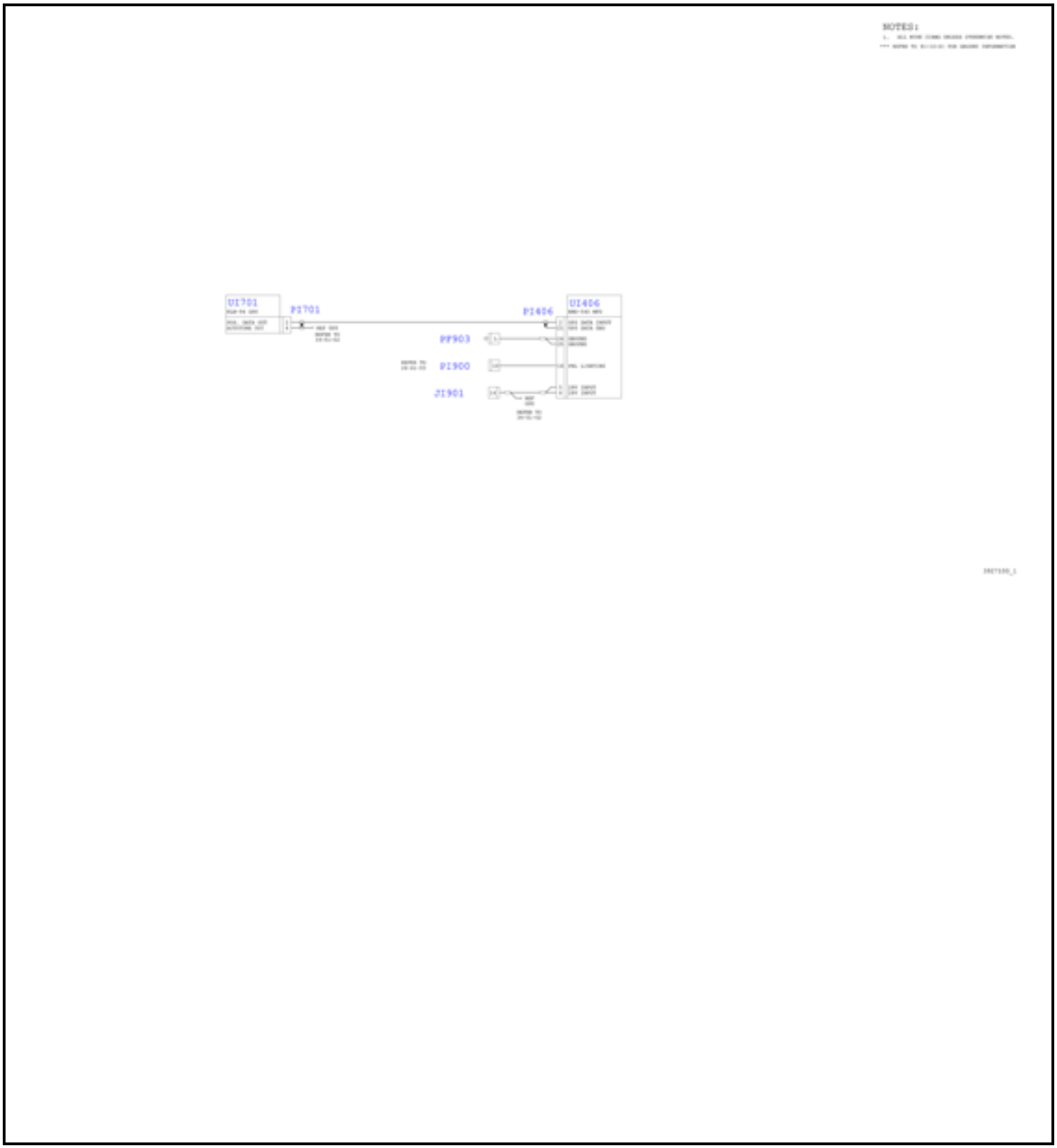
KMD-540 MULTIFUNCTIONAL DISPLAY-NAV I, NAV I W/ADF, NAV II, NAV II W/ADF

AIRPLANES (182) 80945 & ON AND AIRPLANES (T182) 08001 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
JI901	S2350-3	CONNECTOR - AVIONICS COOLING FAN		(182) 80945 & ON (T182) 08001 & ON	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PF903	SK2701	CONNECTOR (ZONE 221)	V28198	(182) 80945 & ON (T182) 08001 & ON	01
	FC120N2	. CONTACT	V28198		AR
PI406	050-03321-0000	CONNECTOR - KMD-540 MFD (ZONE 225)	V22373	(182) 80945 & ON (T182) 08001 & ON	01
PI701	050-03321-0000	CONNECTOR - KLN-89B GPS (ZONE 225)	V22373	(182) 80945 & ON (T182) 08001 & ON	01
PI900	S3070-9	CONNECTOR (ZONE 225)	V49367	(182) 80945 & ON (T182) 08001 & ON	01
	LMD6106P	. BUSSING MODULE	V49367		01
	S2353-5	. PIN			AR
	LMS01T-TL	. SPLICE CONNECTOR	V49367		01
UI406		DISPLAY - MULTIFUNCTION			RF
UI701		GPS RECEIVER - KLN-94			RF

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Figure 01 : Sheet 01 : KMD-540 MULTIFUNCTIONAL DISPLAY-NAV I, NAV I W/ADF, NAV II, NAV II W/ADF



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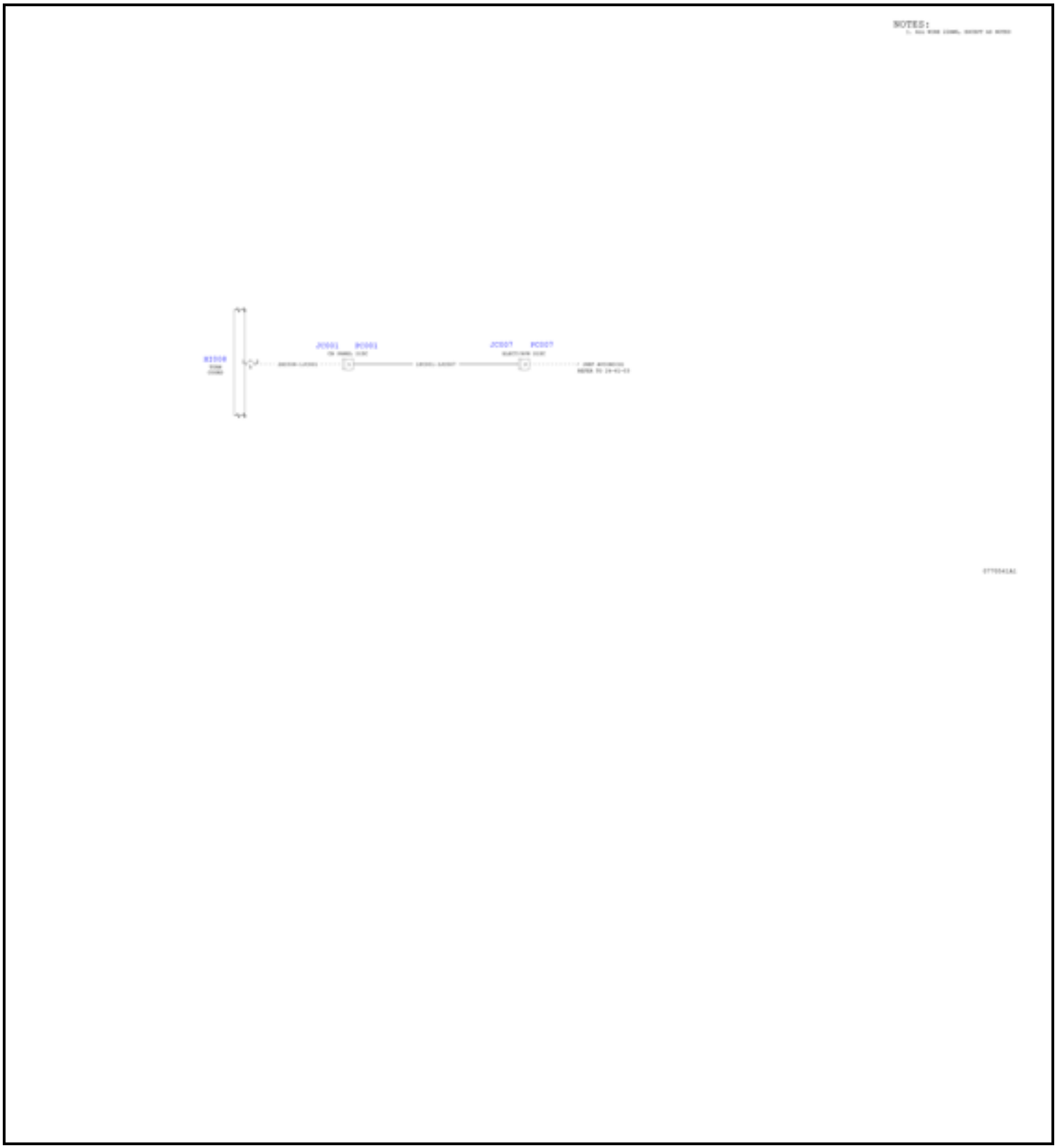
TURN COORDINATOR

AIRPLANES (182) 80001 & ON AND AIRPLANES (T182) 08001 & ON WITHOUT NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
HI008	S1360-5L	CIRCUIT BREAKER (ZONE 224)		(182) 80001 & ON (T182) 08001 & ON	01
JC001	S2349-5	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(182) 80001 & ON (T182) 08001 & ON	01
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
JC007	S1641-9	CONNECTOR - ELECTRICAL/AVIONIC DISCONNECT (ZONE 224)		(182) 80001 & ON (T182) 08001 & ON	01
	S1636-1	. CONTACT			AR
PC001	S2350-10	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(182) 80001 & ON (T182) 08001 & ON	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PC007	S1640-9	CONNECTOR - ELECTRICAL/AVIONIC DISCONNECT (ZONE 610)		(182) 80001 & ON (T182) 08001 & ON	01
	S1635-1	. CONTACT	V49367		AR

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Figure 01 : Sheet 01 : TURN COORDINATOR



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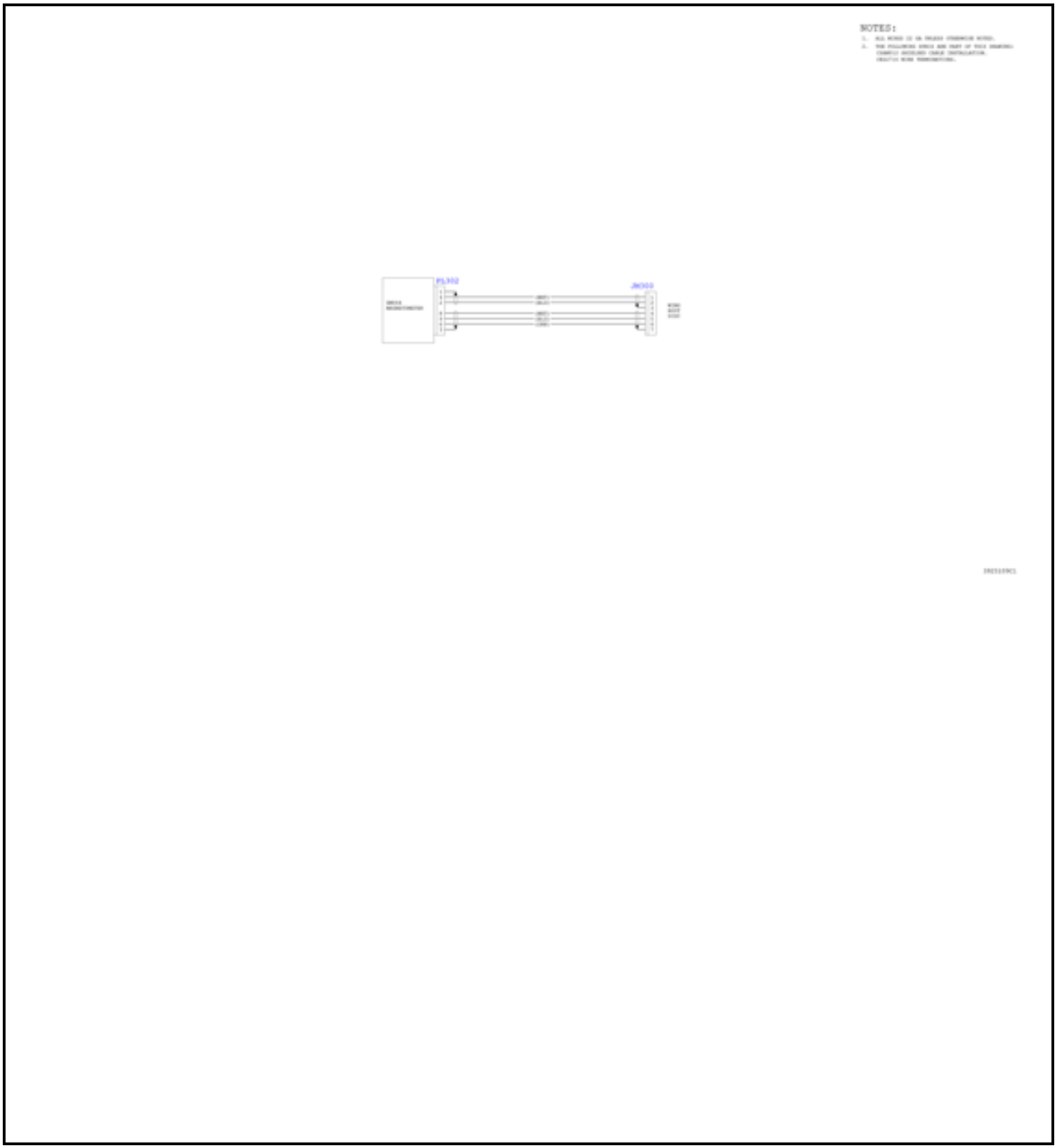
GARMIN MAGNETOMETER W/NAV III

AIRPLANES (182) 81318 THRU 83251 AND AIRPLANES (T182) 08232 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
JM300	206434-1	CONNECTOR (ZONE 510)	V00779	(182) 81318 - 83251 (T182) 08232 & ON	01
	5-66506-9	. CONTACT	V00779		AR
	206062-3	. STRAIN RELIEF	V00779		01
PL302	011-00871-00	CONNECTOR KIT - GMU-44	V0TRC3	(182) 81318 - 83251 (T182) 08232 & ON	01

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Figure 01 : Sheet 01 : GARMIN MAGNETOMETER W/NAV III



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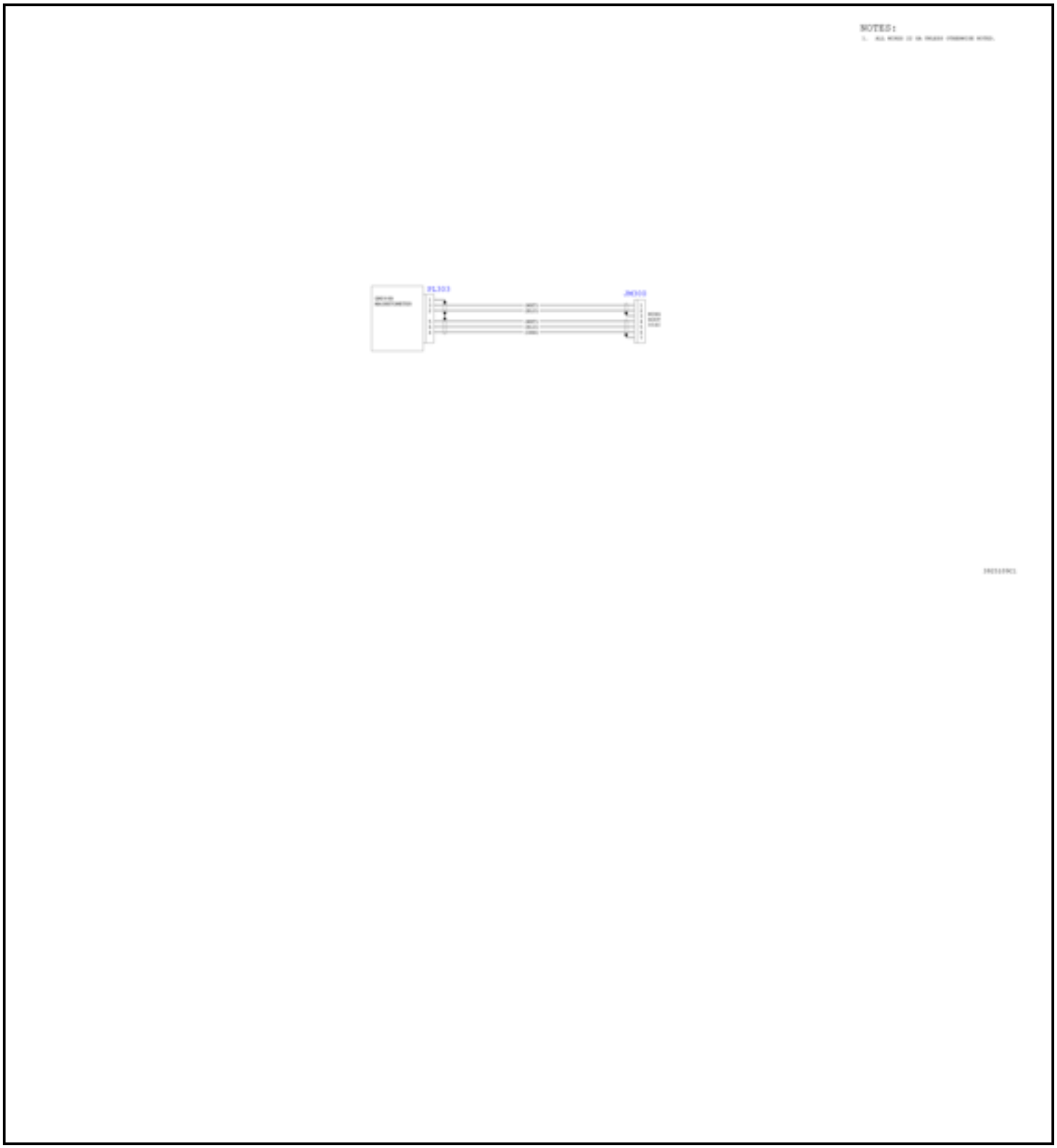
GARMIN GMU 44B MAGNETOMETER W/NAV III

AIRPLANES (182) 83252 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
JM300	206434-1	CONNECTOR (ZONE 510)	V00779	(182) 83252 & ON	01
	5-66506-9	. CONTACT	V00779		AR
	206062-3	. STRAIN RELIEF	V00779		01
PL303	011-04205-00	GMU44 CONN KIT	V0TRC3	(182) 83252 & ON	01

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Figure 02 : Sheet 01 : GARMIN GMU 44B MAGNETOMETER W/NAV III



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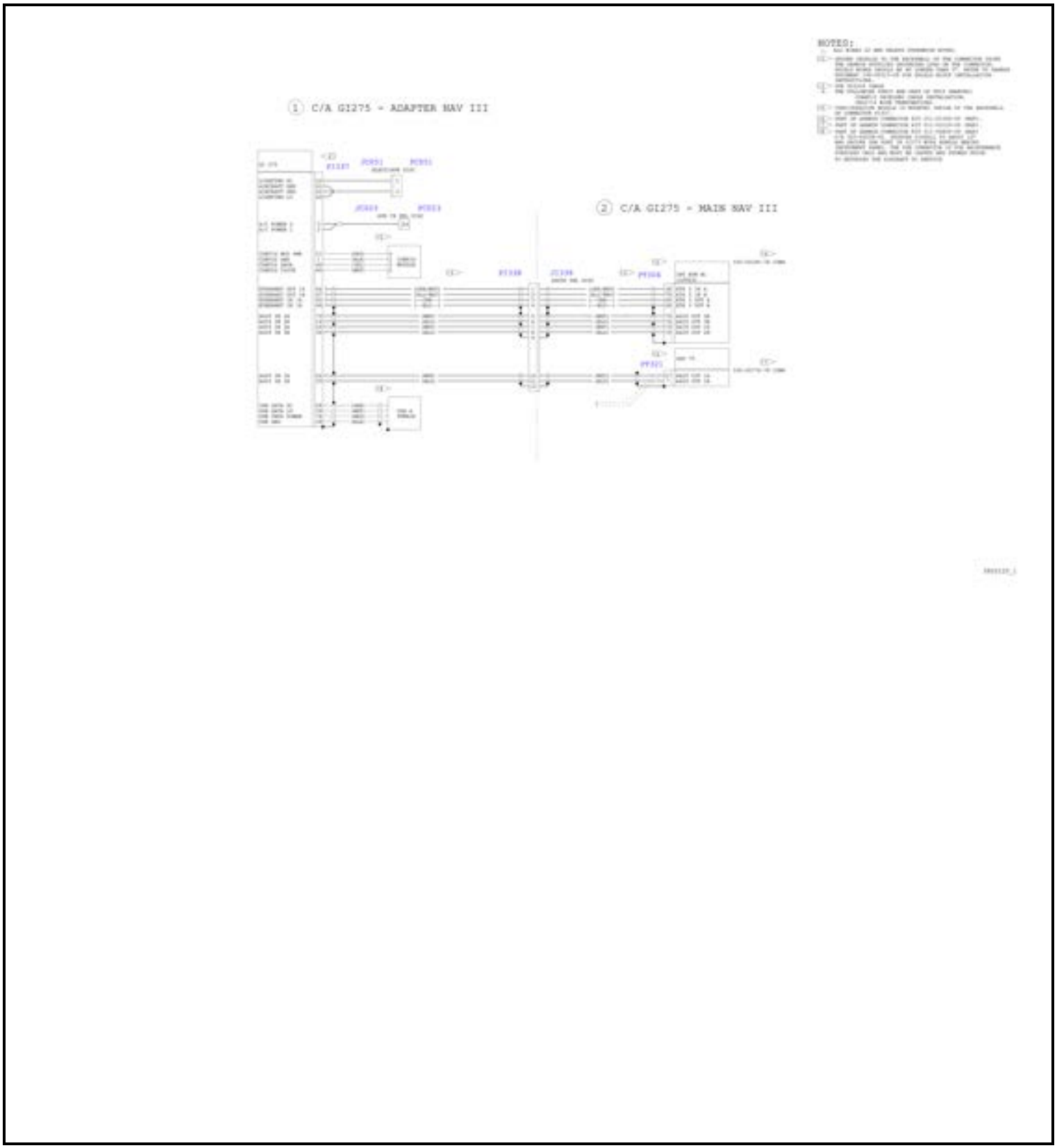
CABLE ASSY - GI275 STBY

AIRPLANES (182) 83135 & ON WITH NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
JC023	S2350-10	RECEPTACLE		(182) 83135 & ON	01
	S2353-4	. CONTACT			AR
	S2353-5	. PIN			AR
	S2353-7	. PIN			AR
JC051	S2350-2	CONNECTOR		(182) 83135 & ON	01
	S2351-2	. BACKSHELL	V00779		01
	S2353-5	. PIN			02
JI338	LMD-4003-S	CONNECTOR	V49367	(182) 83135 & ON	01
	LMD-4122-96LD	. CONTACT	V49367		01
	LMS-01T-TL	. SPLICE CONNECTOR	V49367		01
PC023	S2349-5	CONNECTOR		(182) 83135 & ON	01
	S2099-3	. CONTACT			06
	S2099-4	. CONTACT	V00779		17
PC051	S2349-2	PLUG	V00779	(182) 83135 & ON	01
	S2099-4	. CONTACT	V00779		02
PI337	011-04809-00	GI 275 CONNECTOR KIT	V0TRC3	(182) 83135 & ON	01
PI338	LMD-4003-P	CONNECTOR	V49367	(182) 83135 & ON	01
	LMD-4022-36LJ	. PIN	V49367		01
PT304		CONNECTOR - INTEGRATED AVIONIC 1			RF
PT321	011-00979-20	CONFIGURATION MODULE KIT	V0TRC3	(182) 83135 & ON	01
	336-00044-00	. #18 PIN HI-DENSE DSUB	V0TRC3		02
	011-01855-04	. BACKSHELL	V0TRC3		01
	330-00776-78	. CONNECTOR	V0TRC3		01
	M39029/58-360	. CONTACT PIN	V0TRC3		01

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Figure 01 : Sheet 01 : CABLE ASSY - GI275 STBY



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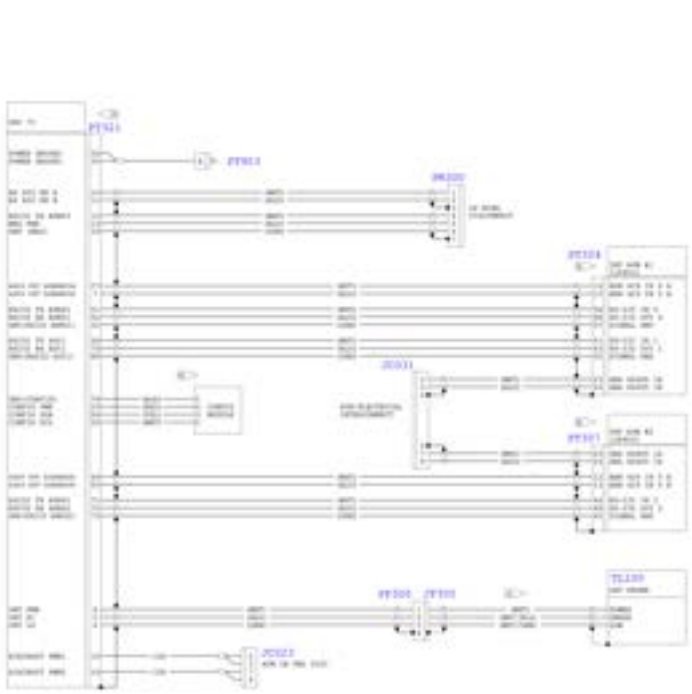
GSU75 ADAHRS- NAV III

AIRPLANES (182) 83252 & ON AND AIRPLANES (T182) 09140 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
JC023	S2350-10	RECEPTACLE		(182) 83252 & ON (T182) 09140 & ON	01
	S2353-4	. CONTACT			AR
	S2353-5	. PIN			AR
	S2353-7	. PIN			AR
JC031	S2350-4	RECEPTACLE - ELECTRICAL/AVIONIC DISCONNECT	V00779	(182) 83252 & ON (T182) 09140 & ON	01
	S2353-5	. PIN			AR
JF300	S3556-11	CONNECTOR		(182) 83252 & ON (T182) 09140 & ON	01
	S3556-21	. PIN			01
PF300	S3556-4	CONNECTOR		(182) 83252 & ON (T182) 09140 & ON	01
	S3556-25	. CONTACT			01
PM300	206433-2	CONNECTOR (ZONE 510)	V00779	(182) 83252 & ON (T182) 09140 & ON	01
	5-66504-7	. CONTACT	V00779		AR
	206062-3	. STRAIN RELIEF	V00779		01
PT304		CONNECTOR - INTEGRATED AVIONIC 1			RF
PT307		CONNECTOR - INTEGRATED AVIONIC 2			RF
PT321	011-00979-20	CONFIGURATION MODULE KIT	V0TRC3	(182) 83252 & ON (T182) 09140 & ON	01
	336-00044-00	. #18 PIN HI-DENSE DSUB	V0TRC3		02
	011-01855-04	. BACKSHELL	V0TRC3		01
	330-00776-78	. CONNECTOR	V0TRC3		01
	M39029/58-360	. CONTACT PIN	V0TRC3		01
PT903	SK2701	CONNECTOR	V28198	(182) 83252 & ON (T182) 09140 & ON	01
	FC116N2	. CONTACT	V28198	(182) 81318 - 81875 (T182) 08232 - 08668	01
	FC120N2	. CONTACT	V28198		01
TL100		OAT PROBE			RF

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Figure 01 : Sheet 01 : GSU75 ADAHRS- NAV III



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EVS-600 CAMERA WITH NAV III

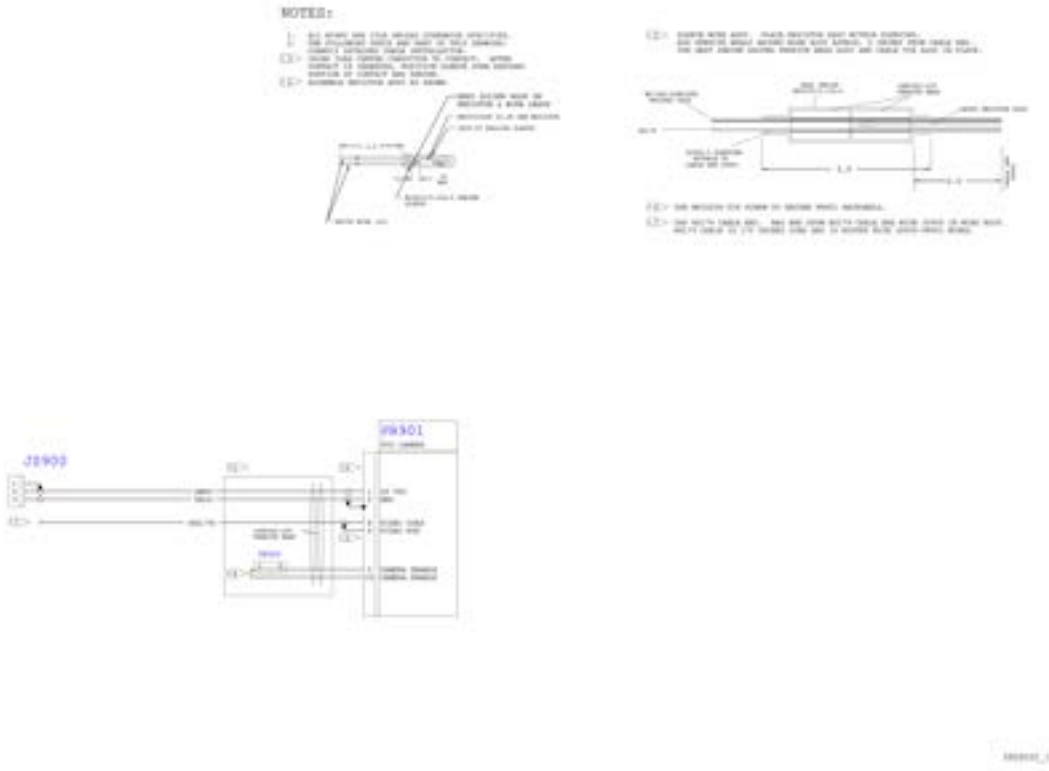
AIRPLANES (182) 82306 & ON AND AIRPLANES (T182) 09048 & ON

T18209048 & ON WHEN INSTALLED BY SB11-34-05KP

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
JS900	S1638-2	CONNECTOR		(182) 82306 & ON (T182) 09048 & ON	01
	S1635-1	. PIN	V49367		AR
PR901	360MA060M0704	CONNECTOR	V06324	(182) 82306 & ON (T182) 09048 & ON	01
RR900	RN55C3322F	RESISTOR		(182) 82306 & ON (T182) 09048 & ON	01
	D436-33	. SEALING SLEEVE	V06090		AR
	M23053/5-104-9	. SLEEVING			AR

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Figure 01 : Sheet 01 : EVS-600 CAMERA WITH NAV III



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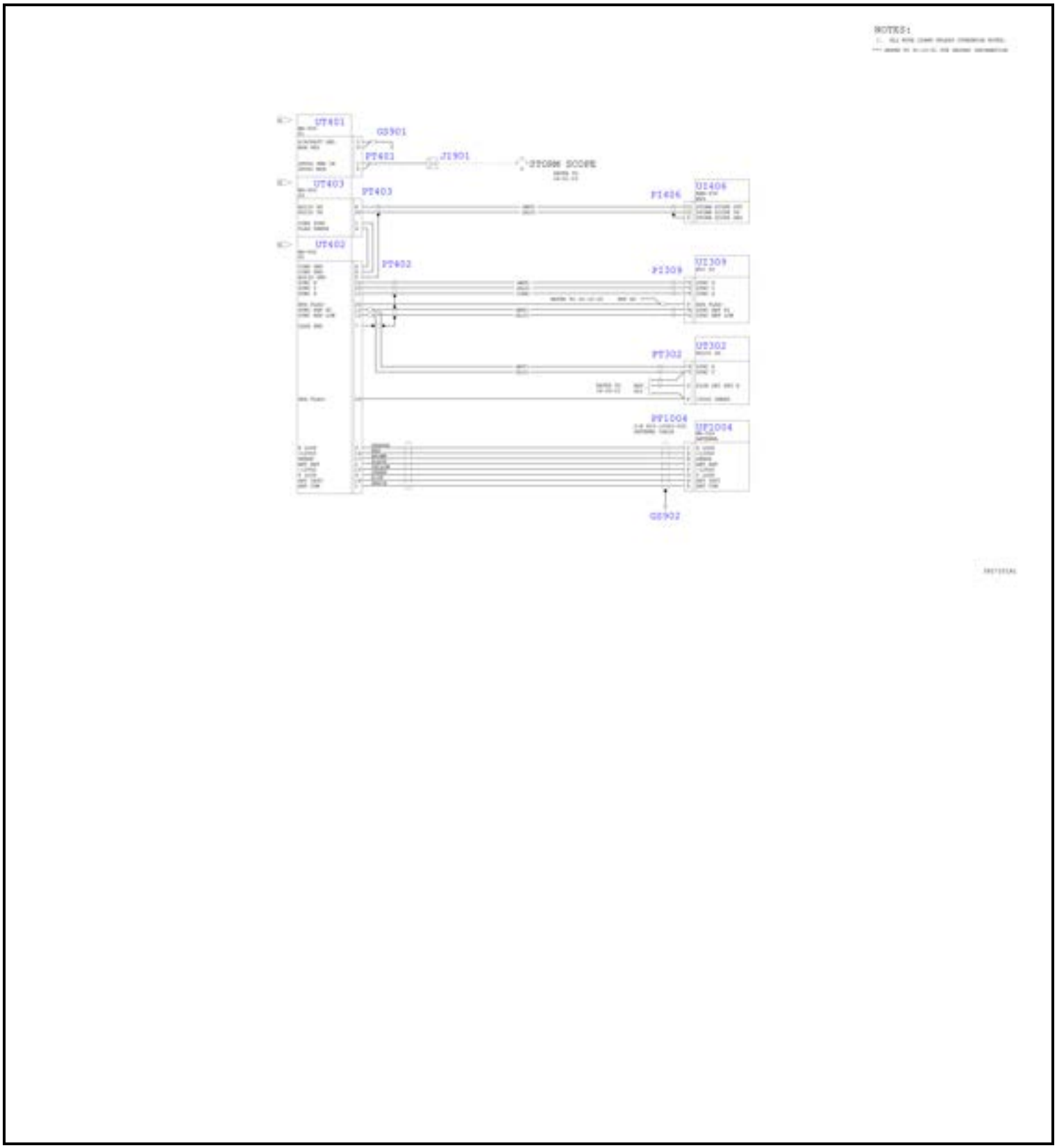
STORMSCOPE-NAV II, NAV II W/ADF

AIRPLANES (182) 80945 THRU 81102 AND AIRPLANES (T182) 08001 THRU 08138

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GS901		GROUND (ZONE 310)			RF
GS902	MS35206-218	GROUND SCREW (ZONE 211)	V80205	(182) 80945 - 81102 (T182) 08001 - 08138	01
	MS35649-242	. NUT	V80205		01
	NAS1149FN432P	. WASHER	V80205		AR
	MS35338-40	. WASHER, LOCK	V80205		01
JI901	S2350-3	CONNECTOR - AVIONICS COOLING FAN		(182) 80945 - 81102 (T182) 08001 - 08138	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PF1004	803-10950-005	CONNECTOR - ANTENNA (ZONE 211)	V25583	(182) 80945 - 81102 (T182) 08001 - 08138	01
PI309	030-02178-0000	CONNECTOR - HORIZONTAL SITUATION INDICATOR (ZONE 310)	V22373	(182) 80945 - 81102 (T182) 08001 - 08138	01
	050-01344-0002	. CONNECTOR KIT	V22373		01
PI406	050-03321-0000	CONNECTOR - KMD-540 MFD (ZONE 225)	V22373	(182) 80945 - 81102 (T182) 08001 - 08138	01
PT302	050-01410-0002	CONNECTOR - KG102 DIGITAL GYRO (ZONE 310)	V22373	(182) 80945 - 81102 (T182) 08001 - 08138	01
	S2800-216	. BACKSHELL			01
PT401	614A0022	CONNECTOR - WX-500 (ZONE 310)	V25583	(182) 80945 - 81102 (T182) 08001 - 08138	01
PT402	614A0024	CONNECTOR - WX-500 (ZONE 310)	V25583	(182) 80945 - 81102 (T182) 08001 - 08138	01
PT403	614A0024	CONNECTOR - WX-500 (ZONE 310)	V25583	(182) 80945 - 81102 (T182) 08001 - 08138	01
UF1004		ANTENNA - STORMSCOPE			RF
UI309		INDICATOR - HORIZONTAL SITUATION			RF
UI406		DISPLAY - MULTIFUNCTION			RF
UT302		DIRECTIONAL GYRO			RF
UT401		STORMSCOPE - WX-500			RF
UT402		STORMSCOPE			RF
UT403		STORMSCOPE - WX-500			RF

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Figure 01 : Sheet 01 : STORMSCOPE-NAV II, NAV II W/ADF



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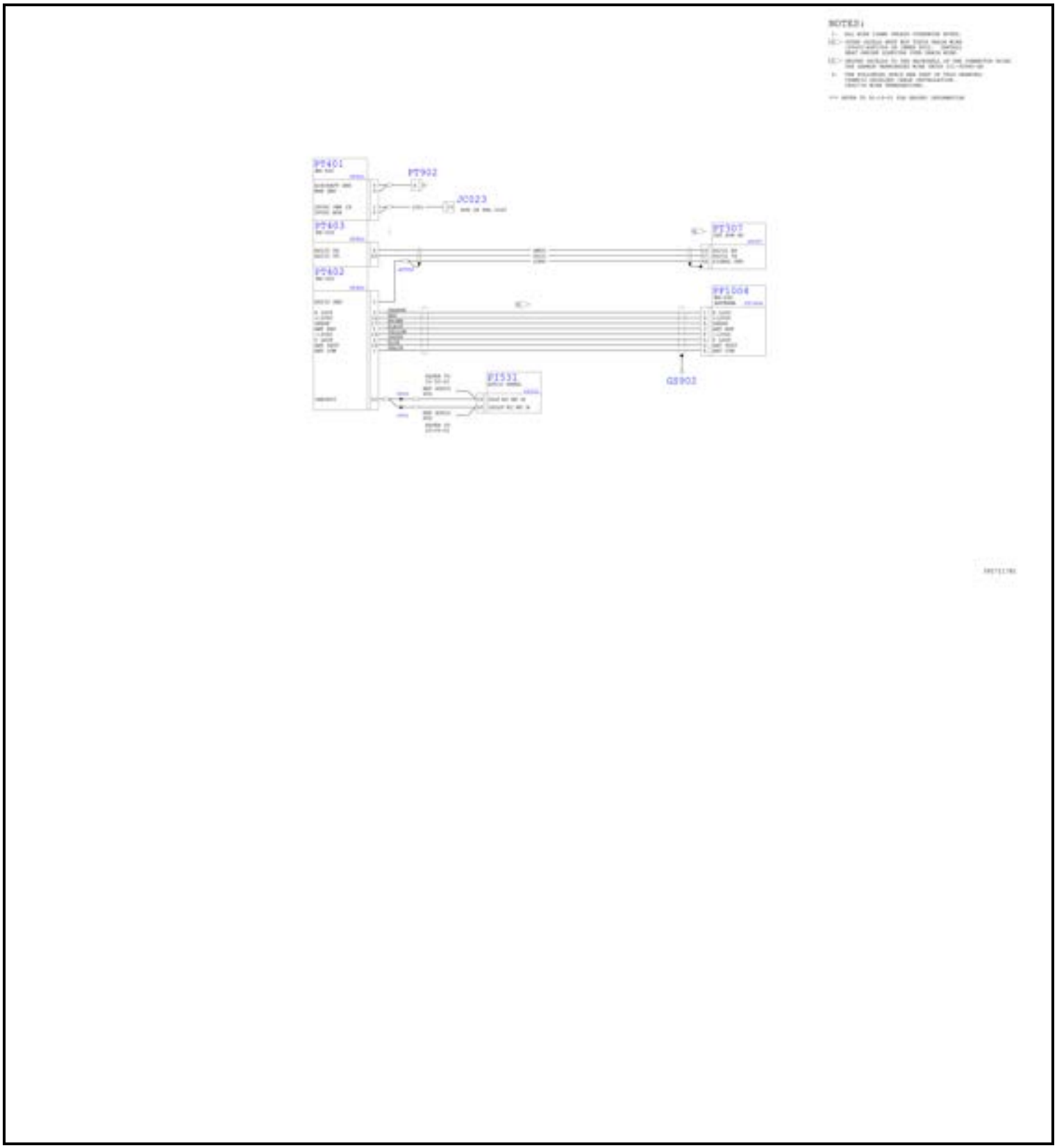
WX-500 STORMSCOPE WITH NAV III

AIRPLANES (182) 81318 THRU 81875 AND AIRPLANES (T182) 08232 THRU 08668

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
AT300		SPLICE			RF
DT600	S3106-4	DIODE	V03508	(182) 81318 - 81875 (T182) 08232 - 08668	01
DT601	S3106-4	DIODE	V03508	(182) 81318 - 81875 (T182) 08232 - 08668	01
GS902	MS35206-218	GROUND SCREW (ZONE 211)	V80205	(182) 81318 - 81875 (T182) 08232 - 08668	01
	MS35649-242	. NUT	V80205		01
	NAS1149FN432P	. WASHER	V80205		AR
	MS35338-40	. WASHER, LOCK	V80205		01
JC023	S2350-10	RECEPTACLE		(182) 81318 - 81875 (T182) 08232 - 08668	01
	S2353-4	. CONTACT			AR
	S2353-5	. PIN			AR
	S2353-7	. PIN			AR
PF1004	803-10950-005	CONNECTOR - ANTENNA (ZONE 211)	V25583	(182) 81318 - 81875 (T182) 08232 - 08668	01
PI531	330-00185-78	CONNECTOR - AUDIO PANEL DISCONNECT (ZONE 225)	V0TRC3	(182) 81318 - 81875 (T182) 08232 - 08668	01
PT307		CONNECTOR - INTEGRATED AVIONIC 2			RF
PT401	614A0022	CONNECTOR - WX-500 (ZONE 310)	V25583	(182) 81318 - 81875 (T182) 08232 - 08668	01
PT402	614A0024	CONNECTOR - WX-500 (ZONE 310)	V25583	(182) 81318 - 81875 (T182) 08232 - 08668	01
PT403	614A0024	CONNECTOR - WX-500 (ZONE 310)	V25583	(182) 81318 - 81875 (T182) 08232 - 08668	01
PT902	SK2701	CONNECTOR	V28198	(182) 81318 - 81875 (T182) 08232 - 08668	01
	FC120N2	. CONTACT - CRIMP	V28198		01
UF1004		ANTENNA - STORMSCOPE			RF
UI531		PANEL - AUDIO			RF
UT307		INTEGRATED AVIONICS UNIT 2			RF
UT401		STORMSCOPE - WX-500			RF

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Figure 02 : Sheet 01 : WX-500 STORMSCOPE WITH NAV III



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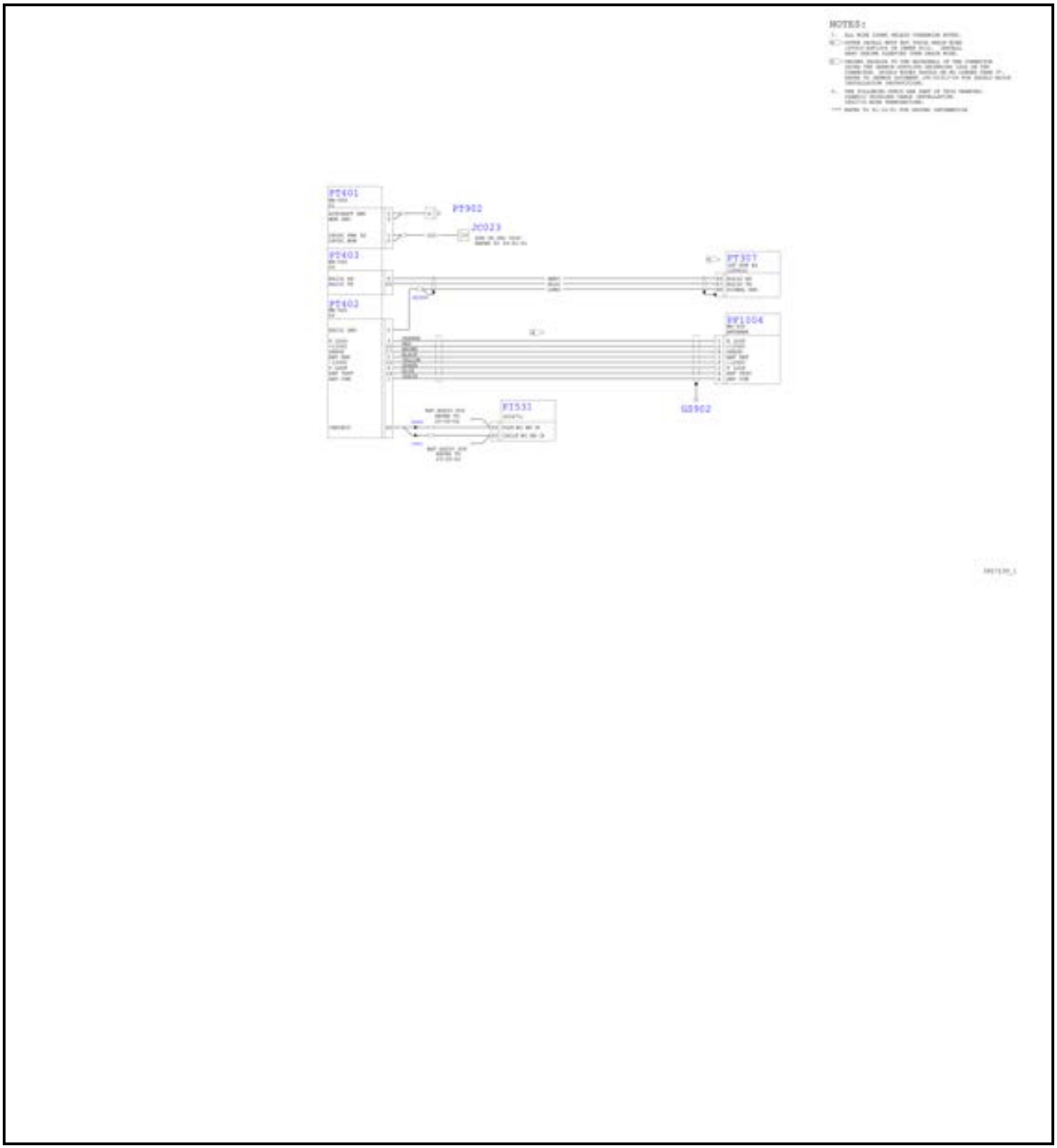
WX-500 STORMSCOPE-NAV III, NAV III W/ ADF

AIRPLANES (182) 81876 & ON AND AIRPLANES (T182) 08669 & 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	(182) 81876 & ON (T182) 08669 & ON	01
DT601	S3106-4	DIODE	V03508	(182) 81876 & ON (T182) 08669 & ON	01
GS902	MS35206-218	GROUND SCREW (ZONE 211)	V80205	(182) 81876 & ON (T182) 08669 & ON	01
	MS35649-242	. NUT	V80205		01
	NAS1149FN432P	. WASHER	V80205		AR
	MS35338-40	. WASHER, LOCK	V80205		01
JC023	S2350-10	RECEPTACLE		(182) 81876 & ON (T182) 08669 & ON	01
	S2353-4	. CONTACT			AR
	S2353-5	. PIN			AR
	S2353-7	. PIN			AR
PF1004	803-10950-005	CONNECTOR - ANTENNA (ZONE 211)	V25583	(182) 81876 & ON (T182) 08669 & ON	01
PI531	330-00185-78	CONNECTOR - AUDIO PANEL DISCONNECT (ZONE 225)	V0TRC3	(182) 81876 & ON (T182) 08669 & ON	01
PT307		CONNECTOR - INTEGRATED AVIONIC 2			RF
PT401	614A0022	CONNECTOR - WX-500 (ZONE 310)	V25583	(182) 81876 & ON (T182) 08669 & ON	01
PT402	614A0024	CONNECTOR - WX-500 (ZONE 310)	V25583	(182) 81876 & ON (T182) 08669 & ON	01
PT403	614A0024	CONNECTOR - WX-500 (ZONE 310)	V25583	(182) 81876 & ON (T182) 08669 & ON	01
PT902	SK2701	CONNECTOR	V28198	(182) 81876 & ON (T182) 08669 & ON	01
	FC120N2	. CONTACT - CRIMP	V28198		01

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Figure 03 : Sheet 01 : WX-500 STORMSCOPE-NAV III, NAV III W/ ADF



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KTA-870 TRAFFIC ADVISORY SYSTEM

AIRPLANES (182) 81741 THRU 81875 AND AIRPLANES (T182) 08480 THRU 08668

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GS302		GROUND (ZONE 310)			RF
JC023	S2350-10	RECEPTACLE		(182) 81741 - 81875 (T182) 08480 - 08668	01
	S2353-4	. CONTACT			AR
	S2353-5	. PIN			AR
	S2353-7	. PIN			AR
PI531	330-00185-78	CONNECTOR - AUDIO PANEL DISCONNECT (ZONE 225)	V0TRC3	(182) 81741 - 81875 (T182) 08480 - 08668	01
PT307		CONNECTOR - INTEGRATED AVIONIC 2			RF
PT308		CONNECTOR			RF
PT311	330-00185-44	CONNECTOR	V0TRC3	(182) 81741 - 81875 (T182) 08480 - 08668	01
PT702	D38999/26FJ35SN	CONNECTOR		(182) 81741 - 81875 (T182) 08480 - 08668	01
	M85049/38S25N	. BACKSHELL			01
PT705	ODD15F10JVL0	CONNECTOR	V28198	(182) 81741 - 81875 (T182) 08480 - 08668	01
PT707	RD9F10000	CONNECTOR	V28198	(182) 81741 - 81875 (T182) 08480 - 08668	01
	D9000KVL0	. STRAIN RELIEF	V28198		01
PT800	011-01012-00	CONNECTOR		(182) 81741 - 81875 (T182) 08480 - 08668	01

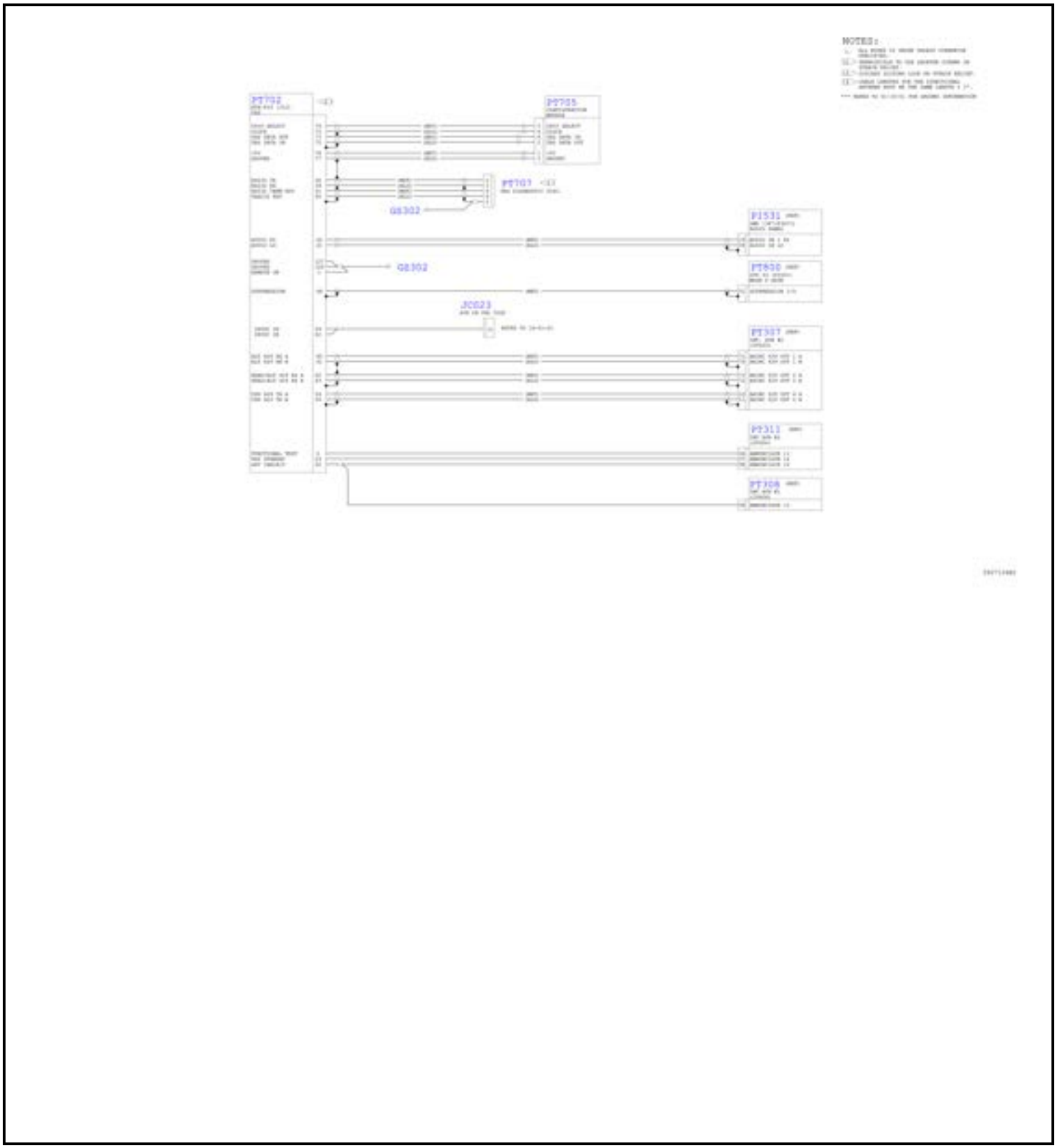
KTA-870 TRAFFIC ADVISORY SYSTEM

AIRPLANES (182) 81741 THRU 81875 AND AIRPLANES (T182) 08480 THRU 08668

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
PF1005	225555-6	CONNECTOR - COAX	V00779	(182) 81741 - 81875 (T182) 08480 - 08668	01
PF1006	225555-6	CONNECTOR - COAX (ZONE 210)	V00779	(182) 81741 - 81875 (T182) 08480 - 08668	01
PF1007	225555-6	CONNECTOR - COAX (ZONE 210)	V00779	(182) 81741 - 81875 (T182) 08480 - 08668	01
PF1008	225555-6	CONNECTOR - COAX (ZONE 210)	V00779	(182) 81741 - 81875 (T182) 08480 - 08668	01
PF1009	225555-6	CONNECTOR - COAX (ZONE 210)	V00779	(182) 81741 - 81875 (T182) 08480 - 08668	01
PT1003	225555-6	CONNECTOR - COAX (ZONE 210)	V00779	(182) 81741 - 81875 (T182) 08480 - 08668	01
PT1004	225555-6	CONNECTOR - COAX (ZONE 210)	V00779	(182) 81741 - 81875 (T182) 08480 - 08668	01
PT1005	225555-6	CONNECTOR - COAX	V00779	(182) 81741 - 81875 (T182) 08480 - 08668	01
PT1006	UG88C/U	CONNECTOR - COAX	V07688	(182) 81741 - 81875 (T182) 08480 - 08668	01
PT1007	225555-6	CONNECTOR - COAX (ZONE 210)	V00779	(182) 81741 - 81875 (T182) 08480 - 08668	01

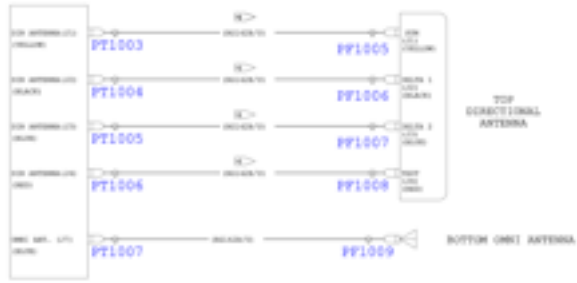
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Figure 01 : Sheet 01 : KTA-870 TRAFFIC ADVISORY SYSTEM



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Figure 01 : Sheet 02 : KTA-870 TRAFFIC ADVISORY SYSTEM



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KTA-870 TRAFFIC ADVISORY SYSTEM

AIRPLANES (182) 81876 & ON AND AIRPLANES (T182) 08669 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
JC023	S2350-10	RECEPTACLE		(182) 81876 & ON (T182) 08669 & ON	01
	S2353-4	. CONTACT			AR
	S2353-5	. PIN			AR
	S2353-7	. PIN			AR
PI531	330-00185-78	CONNECTOR - AUDIO PANEL DISCONNECT (ZONE 225)	V0TRC3	(182) 81876 & ON (T182) 08669 & ON	01
PT307		CONNECTOR - INTEGRATED AVIONIC 2			RF
PT308		CONNECTOR			RF
PT311	330-00185-44	CONNECTOR	V0TRC3	(182) 81876 & ON (T182) 08669 & ON	01
PT702	D38999/26FJ35SN	CONNECTOR		(182) 81876 & ON (T182) 08669 & ON	01
	M85049/38S25N	. BACKSHELL			01
PT705	ODD15F10JVL0	CONNECTOR	V28198	(182) 81876 & ON (T182) 08669 & ON	01
PT707	RD9F10000	CONNECTOR	V28198	(182) 81876 & ON (T182) 08669 & ON	01
	D9000KVL0	. STRAIN RELIEF	V28198		01
PT800	011-01012-00	CONNECTOR		(182) 81876 & ON (T182) 08669 & ON	01
PT902	SK2701	CONNECTOR	V28198	(182) 81876 & ON (T182) 08669 & ON	01
	FC120N2	. CONTACT - CRIMP	V28198		01

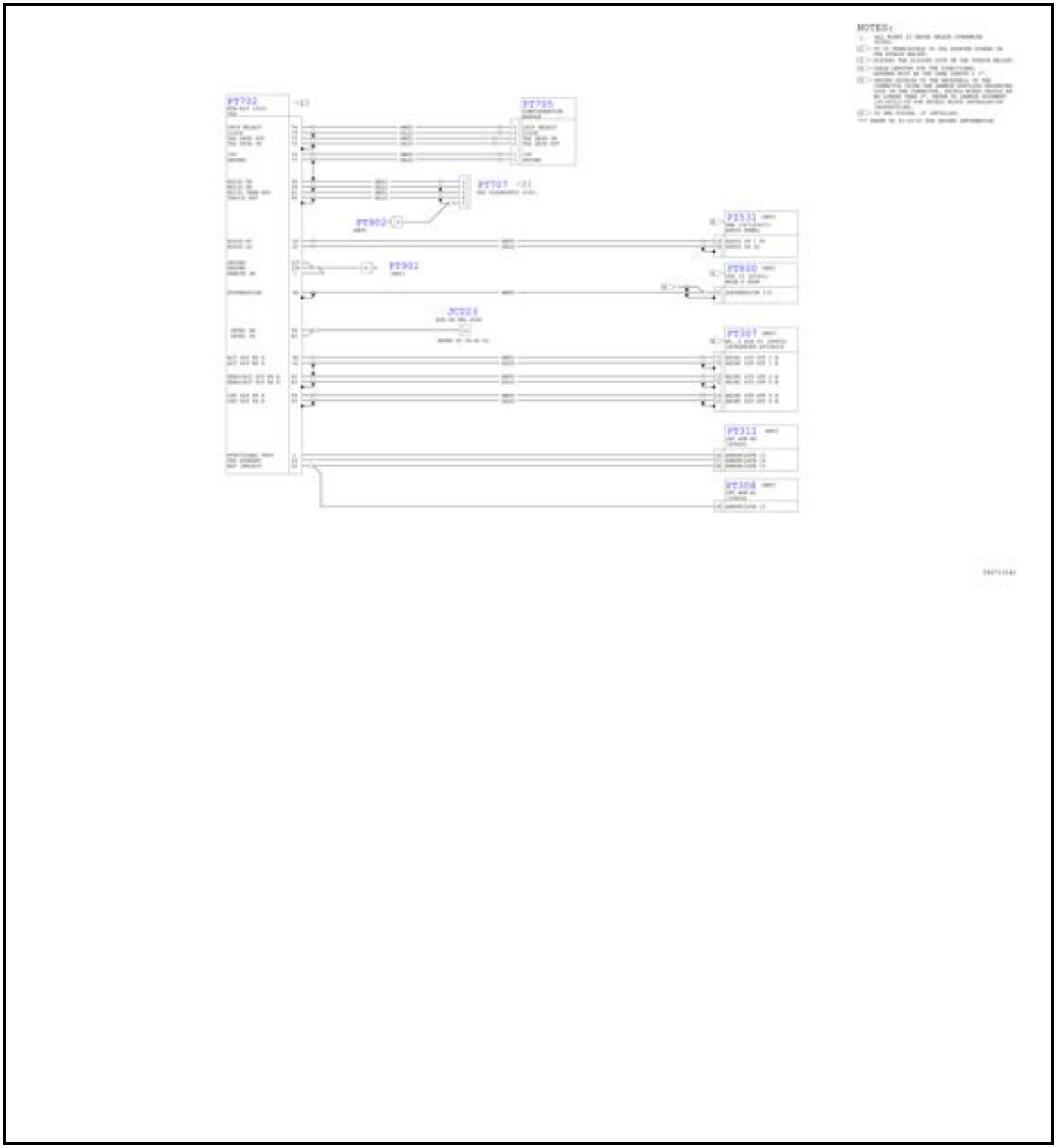
KTA-870 TRAFFIC ADVISORY SYSTEM

AIRPLANES (182) 81876 & ON AND AIRPLANES (T182) 08669 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
PF1005	225555-6	CONNECTOR - COAX	V00779	(182) 81876 & ON (T182) 08669 & ON	01
PF1006	225555-6	CONNECTOR - COAX (ZONE 210)	V00779	(182) 81876 & ON (T182) 08669 & ON	01
PF1007	225555-6	CONNECTOR - COAX (ZONE 210)	V00779	(182) 81876 & ON (T182) 08669 & ON	01
PF1008	225555-6	CONNECTOR - COAX (ZONE 210)	V00779	(182) 81876 & ON (T182) 08669 & ON	01
PF1009	225555-6	CONNECTOR - COAX (ZONE 210)	V00779	(182) 81876 & ON (T182) 08669 & ON	01
PT1003	225555-6	CONNECTOR - COAX (ZONE 210)	V00779	(182) 81876 & ON (T182) 08669 & ON	01
PT1004	225555-6	CONNECTOR - COAX (ZONE 210)	V00779	(182) 81876 & ON (T182) 08669 & ON	01
PT1005	225555-6	CONNECTOR - COAX	V00779	(182) 81876 & ON (T182) 08669 & ON	01
PT1006	UG88C/U	CONNECTOR - COAX	V07688	(182) 81876 & ON (T182) 08669 & ON	01
PT1007	225555-6	CONNECTOR - COAX (ZONE 210)	V00779	(182) 81876 & ON (T182) 08669 & ON	01

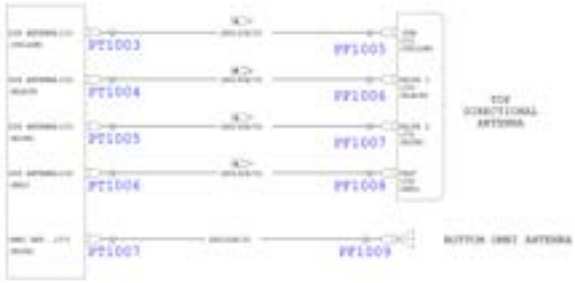
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Figure 02 : Sheet 01 : KTA-870 TRAFFIC ADVISORY SYSTEM



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Figure 02 : Sheet 02 : KTA-870 TRAFFIC ADVISORY SYSTEM



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KMH-880 MULTI-HAZARD AWARENESS SYSTEM PROVISIONS

AIRPLANES (182) 81103 & ON AND AIRPLANES (T182) 08139 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GS309		GROUND (ZONE 210)			RF
JI901	S2353-4	CONNECTOR		(182) 81103 & ON (T182) 08139 & ON	01
PF800	745492-3	CONNECTOR	V00779	(182) 81103 & ON (T182) 08139 & ON	01
	745550-1	. CLAMP CABLE	V00779		01
	745647-1	. SCREW RETAINER	V00779		01
PI406	050-03321-0000	CONNECTOR - KMD-540 MFD (ZONE 225)	V22373	(182) 81103 & ON (T182) 08139 & ON	01
PI407	030-01175-0010	CONNECTOR - KMD-540 MFD NOTE: PART OF KMD-540 INSTALLATION KIT 050-03605-0000	V22373	(182) 81103 & ON (T182) 08139 & ON	01
PI516	050-03613-0001	CONNECTOR KIT - AUDIO PANEL (ZONE 225)	V22373	(182) 81103 & ON (T182) 08139 & ON	01
	030-01094-0058	. CONNECTOR	V22373		01
PI706	RD15F00JVL0	CONNECTOR	V28198	(182) 81103 & ON (T182) 08139 & ON	01
	FC6020D	. CONTACT	V28198		AR
PI800	030-1094-02	CONNECTOR KIT - TRANSPONDER (ZONE 225)	V22373	(182) 81103 & ON (T182) 08139 & ON	01
	030-01107-0030	. CONTACT	V22373		AR
	030-1096-00	. POLARIZING PIN	V22373		AR
PT708	SGMC34F0E100J0	CONNECTOR	V28198	(182) 81103 & ON (T182) 08139 & ON	01
	FC422N2	. CONTACT	V28198		AR

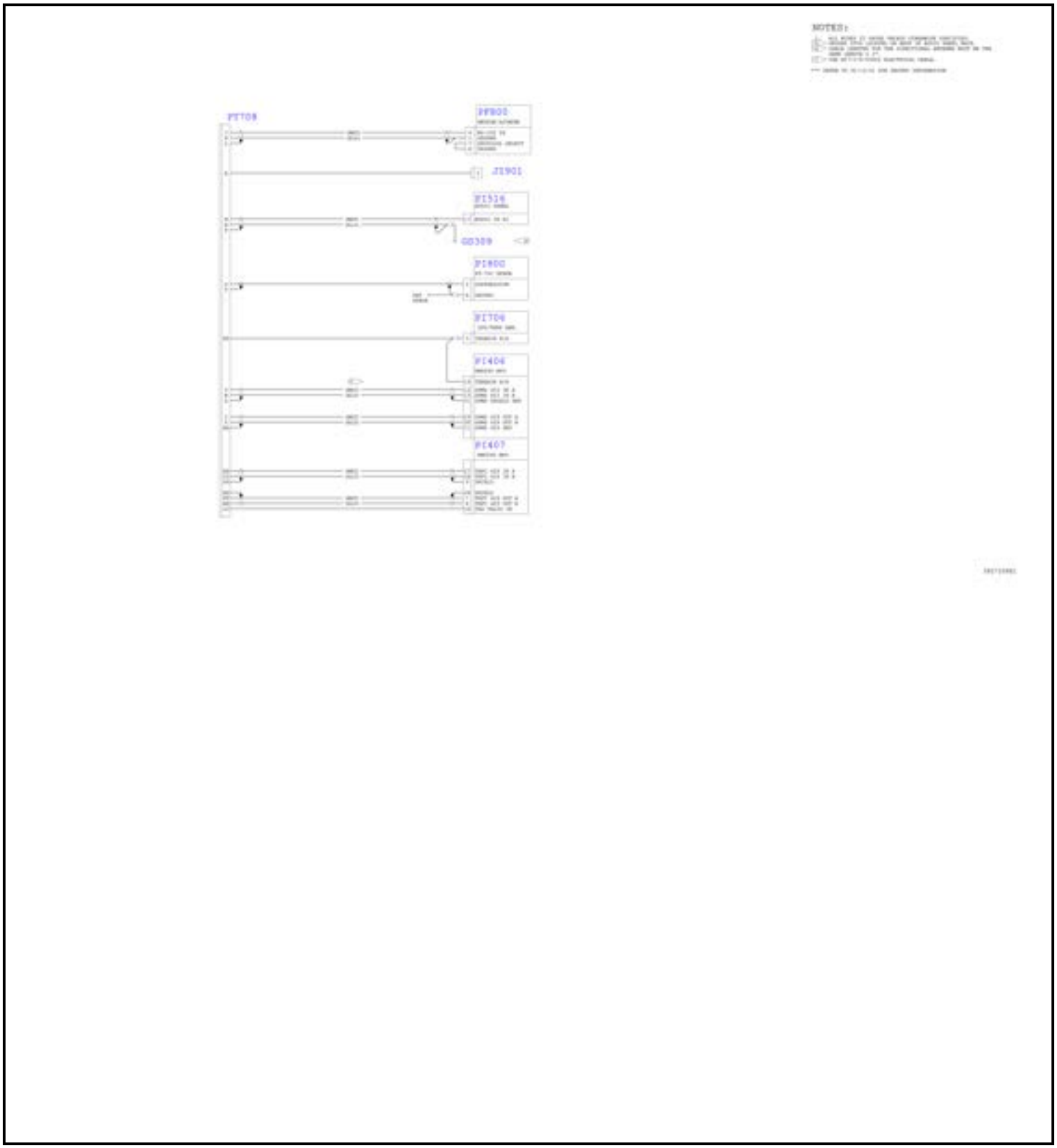
KMH-880 MULTI-HAZARD AWARENESS SYSTEM PROVISIONS

AIRPLANES (182) 81103 & ON AND AIRPLANES (T182) 08139 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
PF1005	225555-6	CONNECTOR - COAX	V00779	(182) 81103 & ON (T182) 08139 & ON	01
PF1006	225555-6	CONNECTOR - COAX (ZONE 210)	V00779	(182) 81103 & ON (T182) 08139 & ON	01
PF1007	225555-6	CONNECTOR - COAX (ZONE 210)	V00779	(182) 81103 & ON (T182) 08139 & ON	01
PF1008	225555-6	CONNECTOR - COAX (ZONE 210)	V00779	(182) 81103 & ON (T182) 08139 & ON	01
PF1009	225555-6	CONNECTOR - COAX (ZONE 210)	V00779	(182) 81103 & ON (T182) 08139 & ON	01
PT1003	225555-6	CONNECTOR - COAX (ZONE 210)	V00779	(182) 81103 & ON (T182) 08139 & ON	01
PT1004	225555-6	CONNECTOR - COAX (ZONE 210)	V00779	(182) 81103 & ON (T182) 08139 & ON	01
PT1005	225555-6	CONNECTOR - COAX	V00779	(182) 81103 & ON (T182) 08139 & ON	01
PT1006	UG88C/U	CONNECTOR - COAX	V07688	(182) 81103 & ON (T182) 08139 & ON	01
PT1007	225555-6	CONNECTOR - COAX (ZONE 210)	V00779	(182) 81103 & ON (T182) 08139 & ON	01

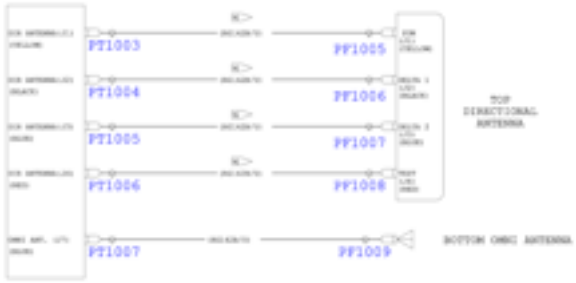
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Figure 01 : Sheet 01 : KMH-880 MULTI-HAZARD AWARENESS SYSTEM PROVISIONS



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Figure 01 : Sheet 02 : KMH-880 MULTI-HAZARD AWARENESS SYSTEM PROVISIONS



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GTS 800 TRAFFIC ADVISORY SYSTEM- NAVIII

AIRPLANES (182) 82331 THRU 82368 AND AIRPLANES (T182) 09072 THRU 09100

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
JC023	S2350-10	RECEPTACLE		(182) 82331 - 82368 (T182) 09072 - 09100	01
	S2353-4	. CONTACT			AR
	S2353-5	. PIN			AR
	S2353-7	. PIN			AR
JT005	206152-1	RECEPTACLE	V00779	(182) 82331 - 82368 (T182) 09072 - 09100	01
	S2351-1	. BACKSHELL	V00779		01
	M39029/64-369	. PIN	V28198		AR
JT700	S2350-3	CONNECTOR		(182) 82331 & ON	01
	S2351-1	. BACKSHELL	V00779		01
	S2353-3	. PIN	V00779		01
PI317	011-00979-00	MODULE KIT - CONFIGURATION	V0TRC3	(182) 82331 - 82368 (T182) 09072 - 09100	01
	011-00820-01	. GDU10XX SUB ASSEMBLY	V0TRC3		01
PI531	330-00185-78	CONNECTOR - AUDIO PANEL DISCONNECT (ZONE 225)	V0TRC3	(182) 82331 - 82368 (T182) 09072 - 09100	01
PT308		CONNECTOR			RF
PT311	330-00185-44	CONNECTOR	V0TRC3	(182) 82331 - 82368 (T182) 09072 - 09100	01
PT312		CONNECTOR			RF
PT700	S2099-4	CONTACT	V00779	(182) 82331 - 82368 (T182) 09072 - 09100	01
	S2351-1	. BACKSHELL	V00779		01
	S2349-1	. PLUG	V00779		01
PT710	330-00366-78	DSUB CONNECTOR - TRAFFIC ADVISORY SYSTEM	V0TRC3	(182) 82331 - 82368 (T182) 09072 - 09100	01
	011-01855-04	. BACKSHELL	V0TRC3		01
	336-00021-00	. CONTACT	V0TRC3		01
PT711	330-00366-78	DSUB CONNECTOR - TRAFFIC ADVISORY SYSTEM	V0TRC3	(182) 82331 - 82368 (T182) 09072 - 09100	01
	011-01855-04	. BACKSHELL	V0TRC3		01
	336-00021-00	. CONTACT	V0TRC3		01
PT712	330-00502-37	CONNECTOR, DSUB - TRAFFIC ADVISORY SYSTEM	V0TRC3	(182) 82331 - 82368 (T182) 09072 - 09100	01
	011-01855-03	. BACKSHELL	V0TRC3		01
	336-00022-00	. CRIMP SOCKET	V0TRC3		01
PT800	011-01012-00	CONNECTOR		(182) 82331 - 82368 (T182) 09072 - 09100	01
PT902	SK2701	CONNECTOR	V28198	(182) 82331 - 82368 (T182) 09072 - 09100	01
	FC120N2	. CONTACT - CRIMP	V28198		01

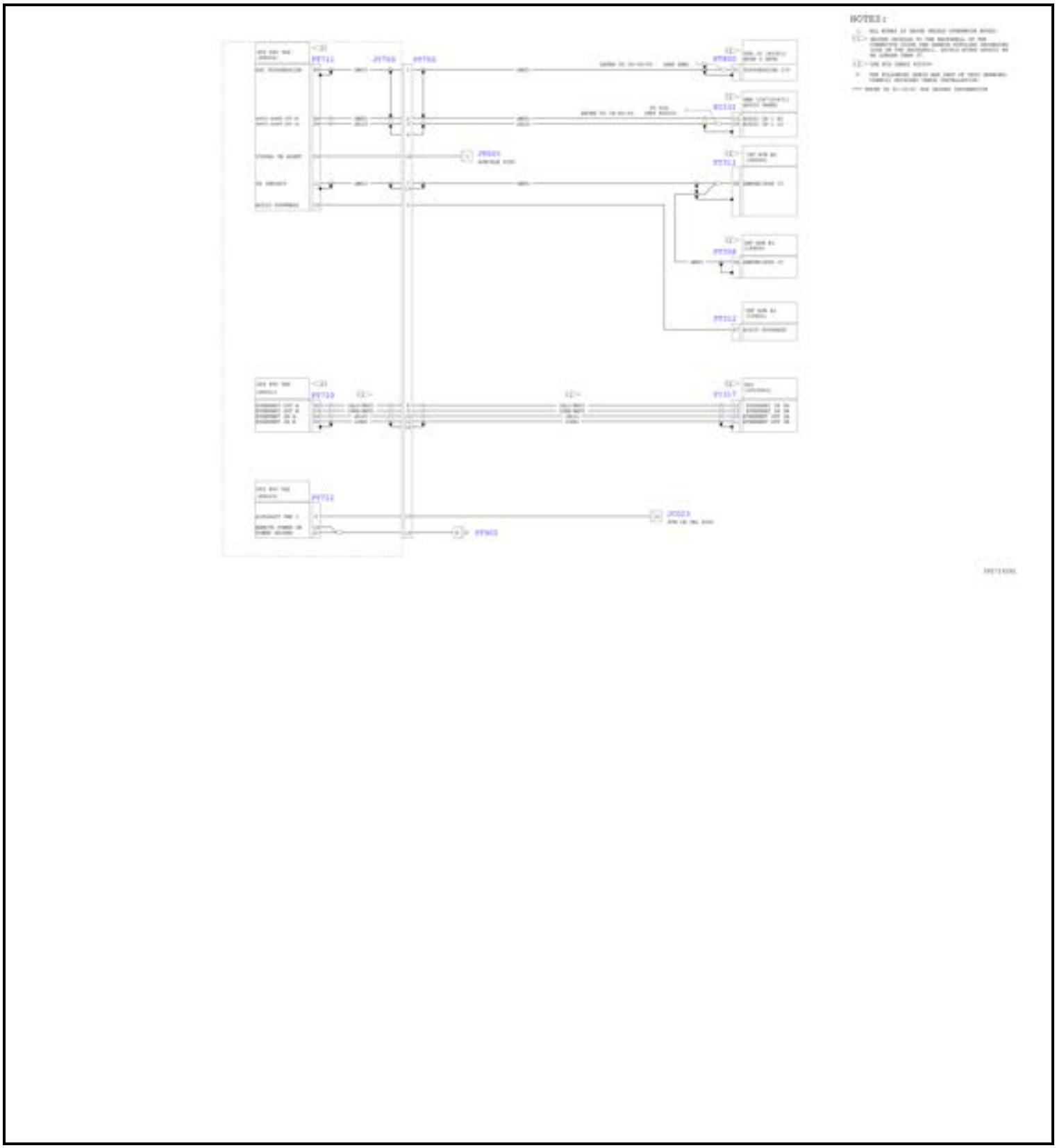
GTS 800 TRAFFIC ADVISORY SYSTEM- NAVIII

AIRPLANES (182) 82331 THRU 82368 AND AIRPLANES (T182) 09072 THRU 09100

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	EFFECTIVITY	UNITS PER ASSY
PF1013		CONNECTOR		RF
PF1014		CONNECTOR		RF
PF1015		CONNECTOR		RF
PF1016		CONNECTOR		RF
PF1017		CONNECTOR		RF
PT1045		CONNECTOR		RF
PT1046		CONNECTOR		RF
PT1047		CONNECTOR		RF
PT1048		CONNECTOR		RF
PT1049		CONNECTOR		RF

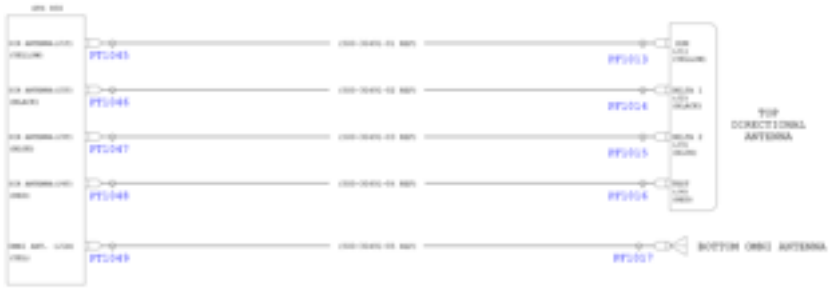
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Figure 01 : Sheet 01 : GTS 800 TRAFFIC ADVISORY SYSTEM- NAVIII



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Figure 01 : Sheet 02 : GTS 800 TRAFFIC ADVISORY SYSTEM- NAVIII



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GTS 800 TRAFFIC ADVISORY SYSTEM- NAVIII

AIRPLANES (182) 82369 THRU 83251 AND AIRPLANES (T182) 09101 THRU 09139

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
JC023	S2350-10	RECEPTACLE		(182) 82369 - 83251 (T182) 09101 - 09139	01
	S2353-4	. CONTACT			AR
	S2353-5	. PIN			AR
	S2353-7	. PIN			AR
JT005	206152-1	RECEPTACLE	V00779	(182) 82369 - 83251 (T182) 09101 - 09139	01
	S2351-1	. BACKSHELL	V00779		01
	M39029/64-369	. PIN	V28198		AR
JT700	S2350-3	CONNECTOR		(182) 82331 & ON	01
	S2351-1	. BACKSHELL	V00779		01
	S2353-3	. PIN	V00779		01
PI317	011-00979-00	MODULE KIT - CONFIGURATION	V0TRC3	(182) 82369 - 83251 (T182) 09101 - 09139	01
	011-00820-01	. GDU10XX SUB ASSEMBLY	V0TRC3		01
PI531	330-00185-78	CONNECTOR - AUDIO PANEL DISCONNECT (ZONE 225)	V0TRC3	(182) 82369 - 83251 (T182) 09101 - 09139	01
PT308		CONNECTOR			RF
PT311	330-00185-44	CONNECTOR	V0TRC3	(182) 82369 - 83251 (T182) 09101 - 09139	01
PT312		CONNECTOR			RF
PT700	S2099-4	CONTACT	V00779	(182) 82369 - 83251 (T182) 09101 - 09139	01
	S2351-1	. BACKSHELL	V00779		01
	S2349-1	. PLUG	V00779		01
PT710	330-00366-78	DSUB CONNECTOR - TRAFFIC ADVISORY SYSTEM	V0TRC3	(182) 82369 - 83251 (T182) 09101 - 09139	01
	011-01855-04	. BACKSHELL	V0TRC3		01
	336-00021-00	. CONTACT	V0TRC3		01
PT711	330-00366-78	DSUB CONNECTOR - TRAFFIC ADVISORY SYSTEM	V0TRC3	(182) 82369 - 83251 (T182) 09101 - 09139	01
	011-01855-04	. BACKSHELL	V0TRC3		01
	336-00021-00	. CONTACT	V0TRC3		01
PT712	330-00502-37	CONNECTOR, DSUB - TRAFFIC ADVISORY SYSTEM	V0TRC3	(182) 82369 - 83251 (T182) 09101 - 09139	01
	011-01855-03	. BACKSHELL	V0TRC3		01
	336-00022-00	. CRIMP SOCKET	V0TRC3		01
PT800	011-01012-00	CONNECTOR		(182) 82369 - 83251 (T182) 09101 - 09139	01
PT902	SK2701	CONNECTOR	V28198	(182) 82369 - 83251 (T182) 09101 - 09139	01
	FC120N2	. CONTACT - CRIMP	V28198		01

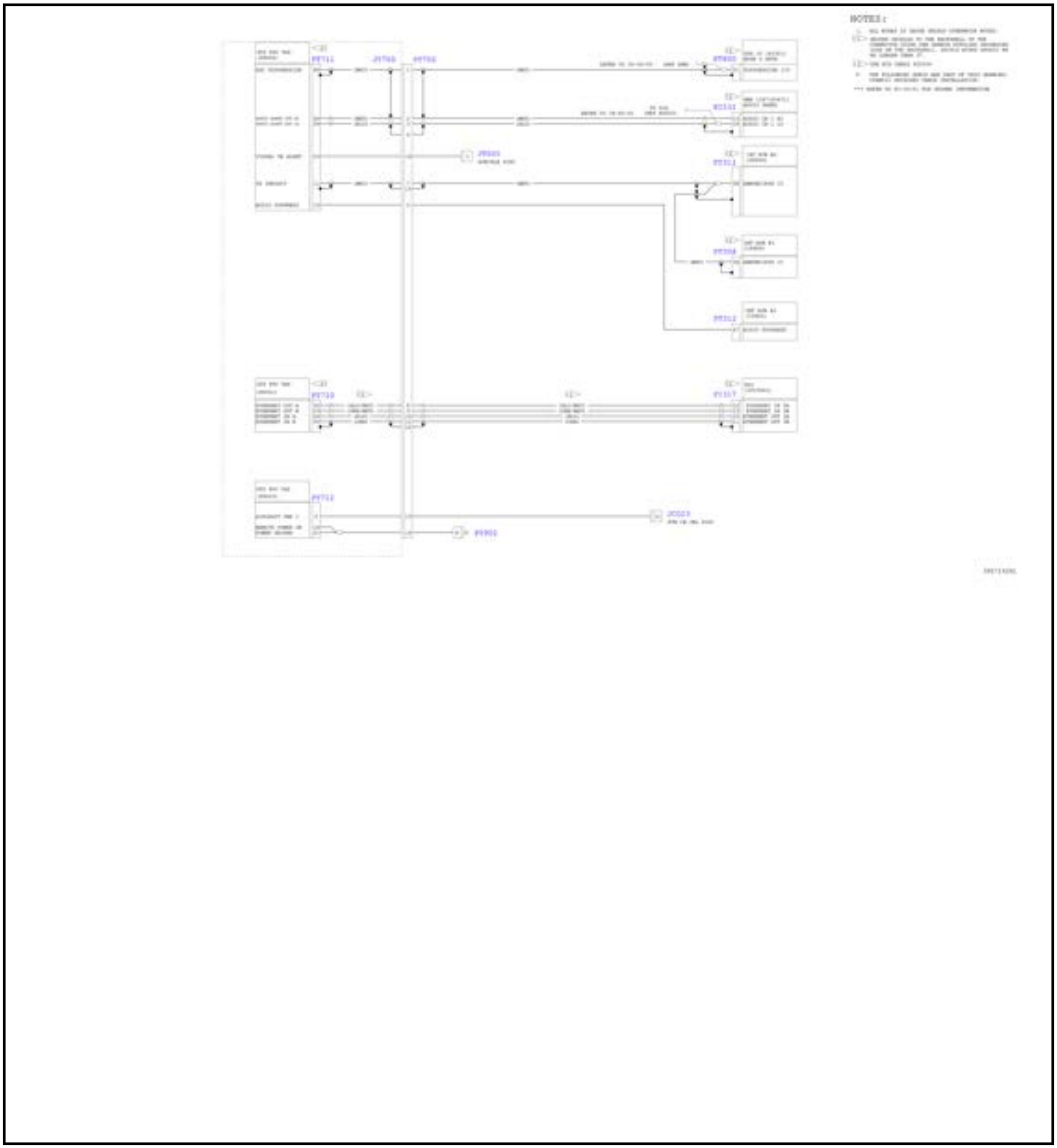
GTS 800 TRAFFIC ADVISORY SYSTEM- NAVIII

AIRPLANES (182) 82369 THRU 83251 AND AIRPLANES (T182) 09101 THRU 09139

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	EFFECTIVITY	UNITS PER ASSY
PF1013		CONNECTOR		RF
PF1014		CONNECTOR		RF
PF1015		CONNECTOR		RF
PF1016		CONNECTOR		RF
PF1017		CONNECTOR		RF
PT1045		CONNECTOR		RF
PT1046		CONNECTOR		RF
PT1047		CONNECTOR		RF
PT1048		CONNECTOR		RF
PT1049		CONNECTOR		RF

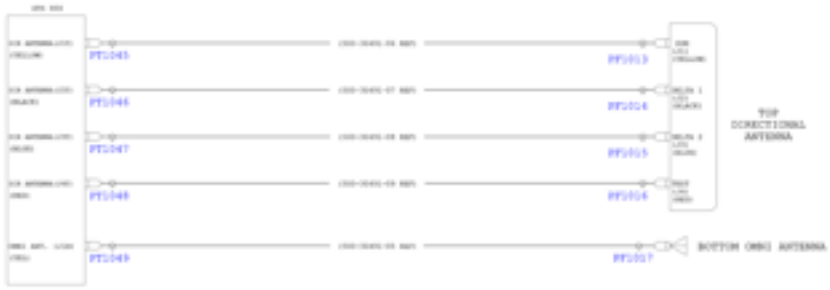
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Figure 02 : Sheet 01 : GTS 800 TRAFFIC ADVISORY SYSTEM- NAVIII



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Figure 02 : Sheet 02 : GTS 800 TRAFFIC ADVISORY SYSTEM- NAVIII



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GTS 800 TRAFFIC ADVISORY SYSTEM- NAVIII

AIRPLANES (182) 83252 & ON AND AIRPLANES (T182) 09140 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
JC023	S2350-10	RECEPTACLE		(182) 83252 & ON (T182) 09140 & ON	01
	S2353-4	. CONTACT			AR
	S2353-5	. PIN			AR
	S2353-7	. PIN			AR
JT005	206152-1	RECEPTACLE	V00779	(182) 83252 & ON (T182) 09140 & ON	01
	S2351-1	. BACKSHELL	V00779		01
	M39029/64-369	. PIN	V28198		AR
JT700	S2350-3	CONNECTOR		(182) 82331 & ON	01
	S2351-1	. BACKSHELL	V00779		01
	S2353-3	. PIN	V00779		01
PI317	011-00979-03	CONFIGURATION MODULE - KIT	V0TRC3	(182) 83252 & ON (T182) 09140 & ON	01
	011-00820-01	. CONNECTOR - GDU10XX, SUB-ASSY	V0TRC3		01
PT312		CONNECTOR			RF
PT700	S2099-4	CONTACT	V00779	(182) 83252 & ON (T182) 09140 & ON	01
	S2351-1	. BACKSHELL	V00779		01
	S2349-1	. PLUG	V00779		01
PT710	330-00366-78	DSUB CONNECTOR - TRAFFIC ADVISORY SYSTEM	V0TRC3	(182) 83252 & ON (T182) 09140 & ON	01
	011-01855-04	. BACKSHELL	V0TRC3		01
	336-00021-00	. CONTACT	V0TRC3		01
PT711	330-00366-78	DSUB CONNECTOR - TRAFFIC ADVISORY SYSTEM	V0TRC3	(182) 83252 & ON (T182) 09140 & ON	01
	011-01855-04	. BACKSHELL	V0TRC3		01
	336-00021-00	. CONTACT	V0TRC3		01
PT712	330-00502-37	CONNECTOR, DSUB - TRAFFIC ADVISORY SYSTEM	V0TRC3	(182) 83252 & ON (T182) 09140 & ON	01
	011-01855-03	. BACKSHELL	V0TRC3		01
	336-00022-00	. CRIMP SOCKET	V0TRC3		01
PT805	011-01169-01	CONNECTOR ALTERNATE SPARE (INTERCHANGEABLE WITH): 330-00185-62	V0TRC3	(182) 83252 & ON (T182) 09140 & ON	01
	330-00185-62	DSUB CONNECTOR ALTERNATE SPARE (INTERCHANGEABLE WITH): 011-01169-01	V0TRC3	(182) 83252 & ON (T182) 09140 & ON	01
	011-00950-03	. BACKSHELL	V0TRC3		01
	M39029/58-360	. CONTACT PIN	V0TRC3		01
PT902	SK2701	CONNECTOR	V28198	(182) 83252 & ON (T182) 09140 & ON	01
	FC120N2	. CONTACT - CRIMP	V28198		01

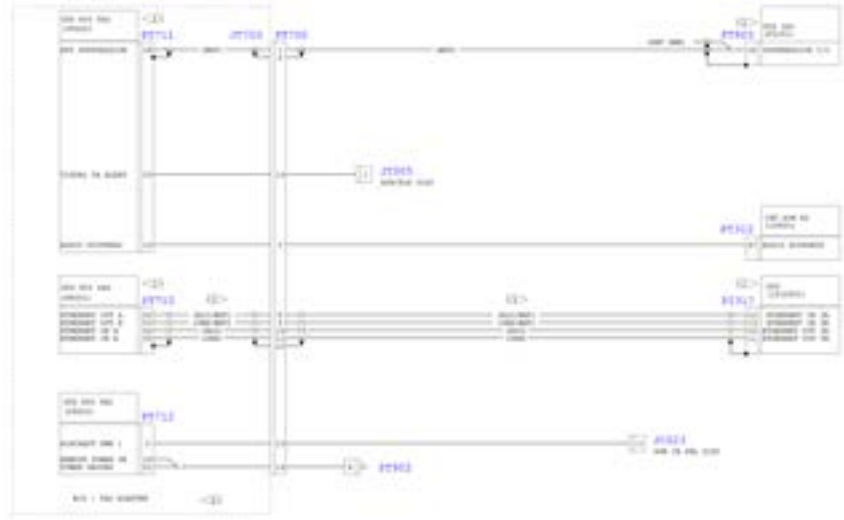
GTS 800 TRAFFIC ADVISORY SYSTEM- NAVIII

AIRPLANES (182) 83252 & ON AND AIRPLANES (T182) 09140 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	EFFECTIVITY	UNITS PER ASSY
PF1013		CONNECTOR		RF
PF1014		CONNECTOR		RF
PF1015		CONNECTOR		RF
PF1016		CONNECTOR		RF
PF1017		CONNECTOR		RF
PT1045		CONNECTOR		RF
PT1046		CONNECTOR		RF
PT1047		CONNECTOR		RF
PT1048		CONNECTOR		RF
PT1049		CONNECTOR		RF

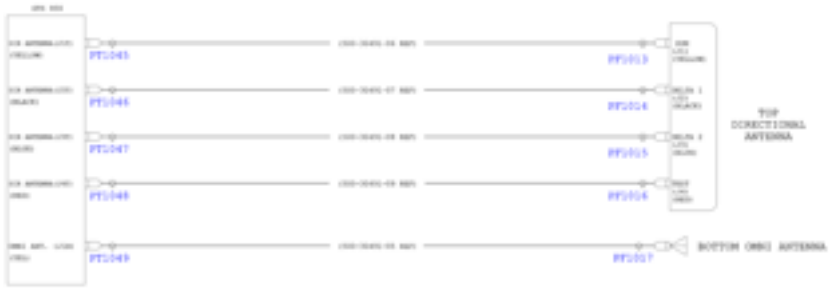
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Figure 03 : Sheet 01 : GTS 800 TRAFFIC ADVISORY SYSTEM- NAVIII



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Figure 03 : Sheet 02 : GTS 800 TRAFFIC ADVISORY SYSTEM- NAVIII



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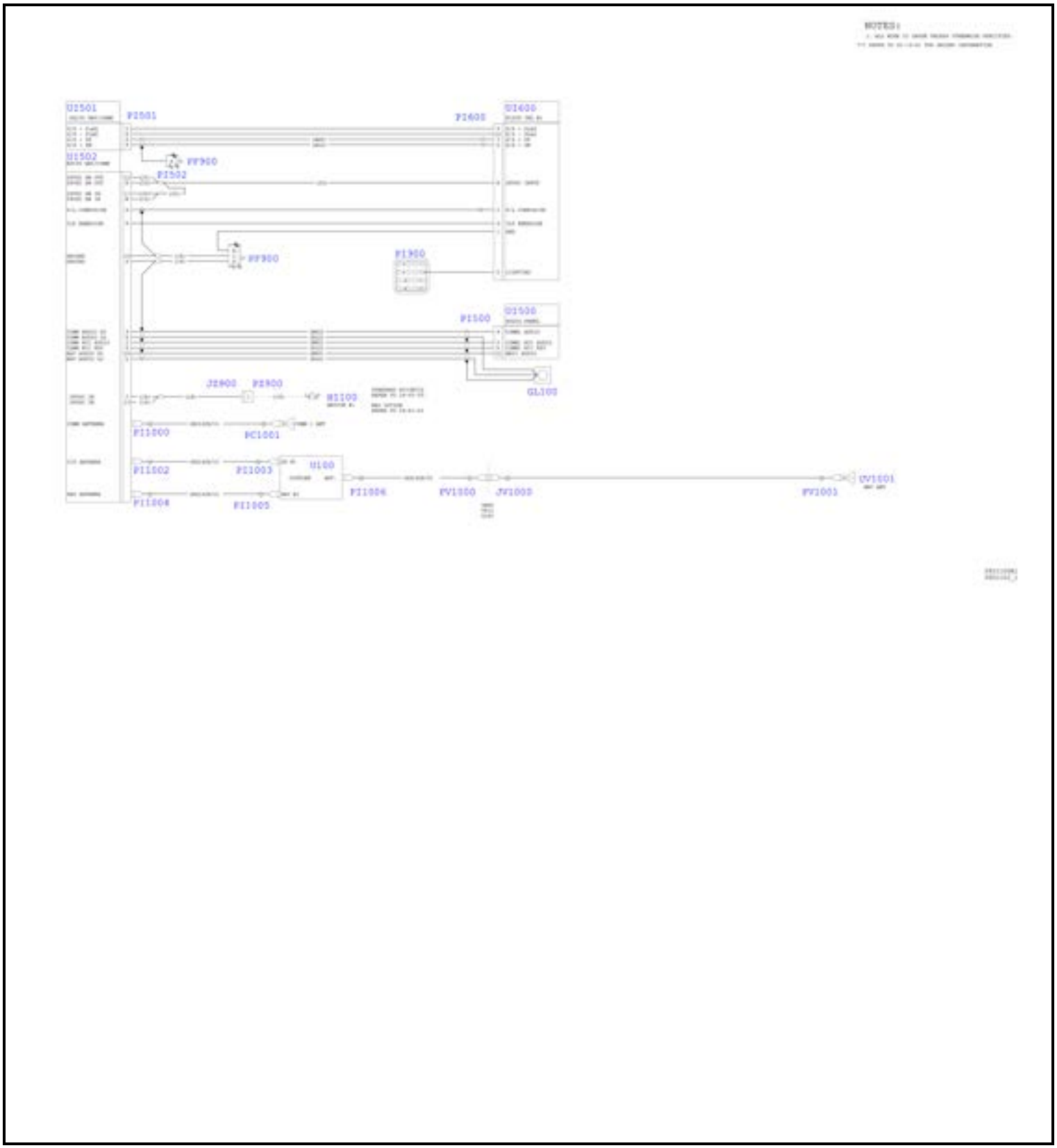
KX-155A NAV/COMM #1-STANDARD

AIRPLANES (182) 80001 THRU 80003

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GL100	008-0041-00	GROUND STUD (ZONE 225)	V22373	(182) 80001 - 80003	01
HI100	S1360-8L	CIRCUIT BREAKER (ZONE 224)		(182) 80001 - 80003	01
JV1000	S2046-3	CONNECTOR - NAVIGATION ANTENNA COAX (ZONE 340)		(182) 80001 - 80003	01
JZ900	S2350-3	CONNECTOR (ZONE 220/225)		(182) 80001 - 80003	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PC1001	UG88C/U	CONNECTOR - COMM 1 ANTENNA COAX (ZONE 211)	V07688	(182) 80001 - 80003	01
PF900	S2526-1	CONNECTOR	V00779	(182) 80001 - 80003	01
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
PI500	030-1094-58	CONNECTOR - AUDIO PANEL (ZONE 225)	V22373	(182) 80001 - 80003	01
	030-1107-46	. CONTACT	V22373		AR
PI501	030-01094-060	CONNECTOR - KX-155 NAV/COMM 1 (ZONE 225)	V22373	(182) 80001 - 80003	01
	030-01107-0030	. CONTACT	V22373		AR
PI502	030-01094-059	CONNECTOR - KX-155 NAV/COMM 1 (ZONE 225)	V22373	(182) 80001 - 80003	01
	030-01107-0030	. CONTACT	V22373		AR
PI600	030-02227-005	CONNECTOR (ZONE 225)	V22373	(182) 80001 - 80003	01
	030-02227-023	. CONTACT	V22373		AR
	030-02227-009	. HOOD	V22373		01
PI900	S3070-9	CONNECTOR (ZONE 225)	V49367	(182) 80001 - 80003	01
	LMD6106P	. BUSSING MODULE	V49367		01
	S2353-5	. PIN			AR
	LMS01T-TL	. SPLICE CONNECTOR	V49367		01
PI1000	050-03378-0000	CONNECTOR - NAV/COMM 1 (ZONE 225)	V22373	(182) 80001 - 80003	01
	030-00101-02	. CONTACT	V22373		AR
PI1002	050-03378-0000	CONNECTOR - NAV/COMM 1 (ZONE 225)	V22373	(182) 80001 - 80003	01
	030-00101-0002	. TERMINAL	V22373		AR
PI1003	UG88C/U	CONNECTOR - NAV COUPLER (ZONE 211)	V07688	(182) 80001 - 80003	01
PI1004	050-03378-0000	CONNECTOR (ZONE 225)	V22373	(182) 80001 - 80003	01
	030-00101-0002	. TERMINAL	V22373		AR
PI1005	UG88C/U	CONNECTOR - COMM 1 ANTENNA (ZONE 211)	V07688	(182) 80001 - 80003	01
PI1006	225555-6	CONNECTOR - COAX (ZONE 224)	V00779	(182) 80001 - 80003	01
PV1000	UG88C/U	CONNECTOR - COMM 1 ANTENNA (ZONE 340)	V07688	(182) 80001 - 80003	01
PV1001	UG88C/U	CONNECTOR - COMM 1 ANTENNA (ZONE 340)	V07688	(182) 80001 - 80003	01
PZ900	S2349-1	CONNECTOR - AVIONICS CIRCUIT BREAKER	V00779	(182) 80001 - 80003	01
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
U100		COUPLER - ANTENNA			RF
UI500		AUDIO CONTROL			RF
UI501		RECEIVER - KX155 NAV/COMM			RF
UI502		RECEIVER - KX155 NAV/COMM			RF
UI600		NAV INDICATOR - KI-209			RF
UV1001		ANTENNA - NAVIGATION			RF

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Figure 01 : Sheet 01 : KX-155A NAV/COMM #1-STANDARD



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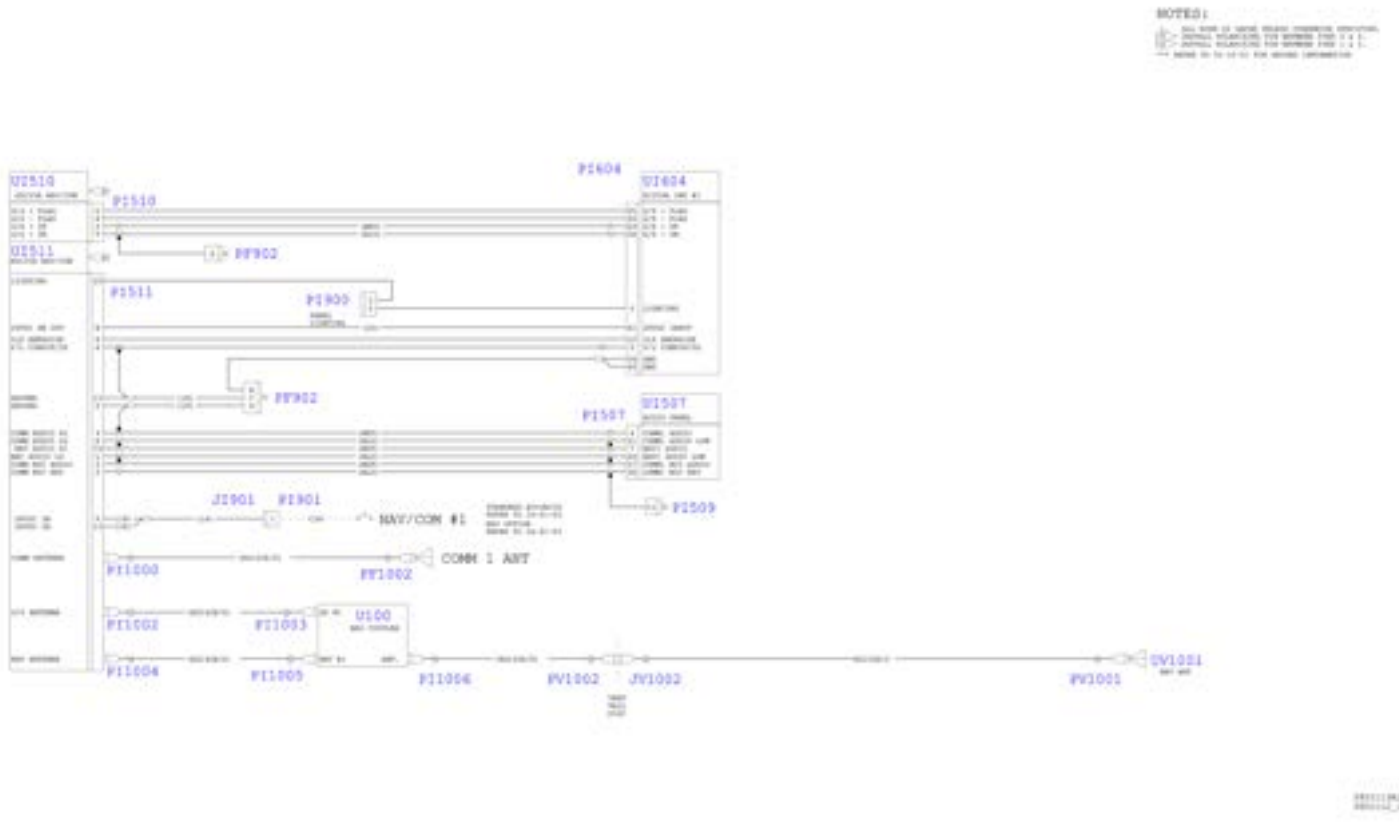
KX-155A NAV/COMM #1-STANDARD, NAV I

AIRPLANES (182) 80004 THRU 80944

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
JI901	S2350-3	CONNECTOR - AVIONICS COOLING FAN		(182) 80004 - 80944	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
JV1002	S2046-3	CONNECTOR - NAVIGATION ANTENNA (ZONE 340)		(182) 80004 - 80944	01
PF902	SK2701	CONNECTOR (ZONE 221)	V28198	(182) 80004 - 80944	01
	FC120N2	. CONTACT	V28198		AR
PF1002	UG913A/U	CONNECTOR - COAX (ZONE 210)	V07688	(182) 80004 - 80944	01
PI507	050-03392-0000	CONNECTOR - AUDIO PANEL (ZONE 225)	V22373	(182) 80004 - 80944	01
PI509	030-01094-0004	GROUND CONNECTOR (ZONE 210)	V22373	(182) 80004 - 80944	01
PI510	030-01094-0060	CONNECTOR KIT - KX155A NAV/COMM (ZONE 225)	V22373	(182) 80004 - 80944	01
	050-03378-0000	. CONNECTOR KIT	V22373		01
PI511	050-03378-0000	CONNECTOR - KX155A NAV/COMM (ZONE 225)	V22373	(182) 80004 - 80944	01
	050-03378-0000	. CONNECTOR KIT	V22373		01
PI604	050-01550-0001	CONNECTOR KIT - KI209A INDICATOR (ZONE 224)	V22373	(182) 80004 - 80944	01
PI900	S3070-9	CONNECTOR (ZONE 225)	V49367	(182) 80004 - 80944	01
	LMD6106P	. BUSSING MODULE	V49367		01
	S2353-5	. PIN			AR
	LMS01T-TL	. SPLICE CONNECTOR	V49367		01
PI901	S2349-1	CONNECTOR (ZONE 224)	V00779	(182) 80004 - 80944	01
	S2099-3	. CONTACT			AR
PI1000	050-03378-0000	CONNECTOR - NAV/COMM 1 (ZONE 225)	V22373	(182) 80004 - 80944	01
	030-00101-02	. CONTACT	V22373		AR
PI1002	050-03378-0000	CONNECTOR - NAV/COMM 1 (ZONE 225)	V22373	(182) 80004 - 80944	01
	030-00101-0002	. TERMINAL	V22373		AR
PI1003	UG88C/U	CONNECTOR - NAV COUPLER (ZONE 211)	V07688	(182) 80004 - 80944	01
PI1004	050-03378-0000	CONNECTOR (ZONE 225)	V22373	(182) 80004 - 80944	01
	030-00101-0002	. TERMINAL	V22373		AR
PI1005	UG88C/U	CONNECTOR - COMM 1 ANTENNA (ZONE 211)	V07688	(182) 80004 - 80944	01
PI1006	225555-6	CONNECTOR - COAX (ZONE 224)	V00779	(182) 80004 - 80944	01
PV1001	UG88C/U	CONNECTOR - COMM 1 ANTENNA (ZONE 340)	V07688	(182) 80004 - 80944	01
PV1002	UG88C/U	CONNECTOR - COMM 1 ANTENNA (ZONE 211)	V07688	(182) 80004 - 80944	01
U100		COUPLER - ANTENNA			RF
UI507		PANEL - KMA-26 AUDIO			RF
UI510		NAV/COMM - KX-155A			RF
UI511		RECEIVER - NAV/COM			RF
UI604		INDICATOR - NAVIGATION			RF
UV1001		ANTENNA - NAVIGATION			RF

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Figure 02 : Sheet 01 : KX-155A NAV/COMM #1-STANDARD, NAV I



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KX-155A NAV/COMM #1 W/HSI

AIRPLANES (182) 80454 THRU 80944

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GS901		GROUND (ZONE 310)			RF
JI901	S2350-3	CONNECTOR - AVIONICS COOLING FAN		(182) 80454 - 80944	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
JV1002	S2046-3	CONNECTOR - NAVIGATION ANTENNA (ZONE 340)		(182) 80454 - 80944	01
PF902	SK2701	CONNECTOR (ZONE 221)	V28198	(182) 80454 - 80944	01
	FC120N2	. CONTACT	V28198		AR
PF1002	UG913A/U	CONNECTOR - COAX (ZONE 210)	V07688	(182) 80454 - 80944	01
PI309	030-02178-0000	CONNECTOR - HORIZONTAL SITUATION INDICATOR (ZONE 310)	V22373	(182) 80454 - 80944	01
	050-01344-0002	. CONNECTOR KIT	V22373		01
PI507	050-03392-0000	CONNECTOR - AUDIO PANEL (ZONE 225)	V22373	(182) 80454 - 80944	01
PI509	030-01094-0004	GROUND CONNECTOR (ZONE 210)	V22373	(182) 80454 - 80944	01
PI510	030-01094-0060	CONNECTOR KIT - KX155A NAV/COMM (ZONE 225)	V22373	(182) 80454 - 80944	01
	050-03378-0000	. CONNECTOR KIT	V22373		01
PI511	050-03378-0000	CONNECTOR - KX155A NAV/COMM (ZONE 225)	V22373	(182) 80454 - 80944	01
	050-03378-0000	. CONNECTOR KIT	V22373		01
PI705	RD50M10JVL0	CONNECTOR KIT - GPS SELECTOR (ZONE 225)	V28198	(182) 80454 - 80944	01
PI900	S3070-9	CONNECTOR (ZONE 225)	V49367	(182) 80454 - 80944	01
	LMD6106P	. BUSSING MODULE	V49367		01
	S2353-5	. PIN			AR
	LMS01T-TL	. SPLICE CONNECTOR	V49367		01
PI1000	050-03378-0000	CONNECTOR - NAV/COMM 1 (ZONE 225)	V22373	(182) 80454 - 80944	01
	030-00101-02	. CONTACT	V22373		AR
PI1002	050-03378-0000	CONNECTOR - NAV/COMM 1 (ZONE 225)	V22373	(182) 80454 - 80944	01
	030-00101-0002	. TERMINAL	V22373		AR
PI1003	UG88C/U	CONNECTOR - NAV COUPLER (ZONE 211)	V07688	(182) 80454 - 80944	01
PI1004	050-03378-0000	CONNECTOR (ZONE 225)	V22373	(182) 80454 - 80944	01
	030-00101-0002	. TERMINAL	V22373		AR
PI1005	UG88C/U	CONNECTOR - COMM 1 ANTENNA (ZONE 211)	V07688	(182) 80454 - 80944	01
PI1006	225555-6	CONNECTOR - COAX (ZONE 224)	V00779	(182) 80454 - 80944	01
PT303		CONNECTOR (ZONE 310)			RF
PV1002	UG88C/U	CONNECTOR - COMM 1 ANTENNA (ZONE 211)	V07688	(182) 80454 - 80944	01
PV1003		CONNECTOR			RF
U100		COUPLER - ANTENNA			RF
UI309		INDICATOR - HORIZONTAL SITUATION			RF
UI507		PANEL - KMA-26 AUDIO			RF
UI510		NAV/COMM - KX-155A			RF
UI511		RECEIVER - NAV/COM			RF
UI705		SWITCHING UNIT - NAVIGATION			RF
UT303		CONVERTER - NAV			RF

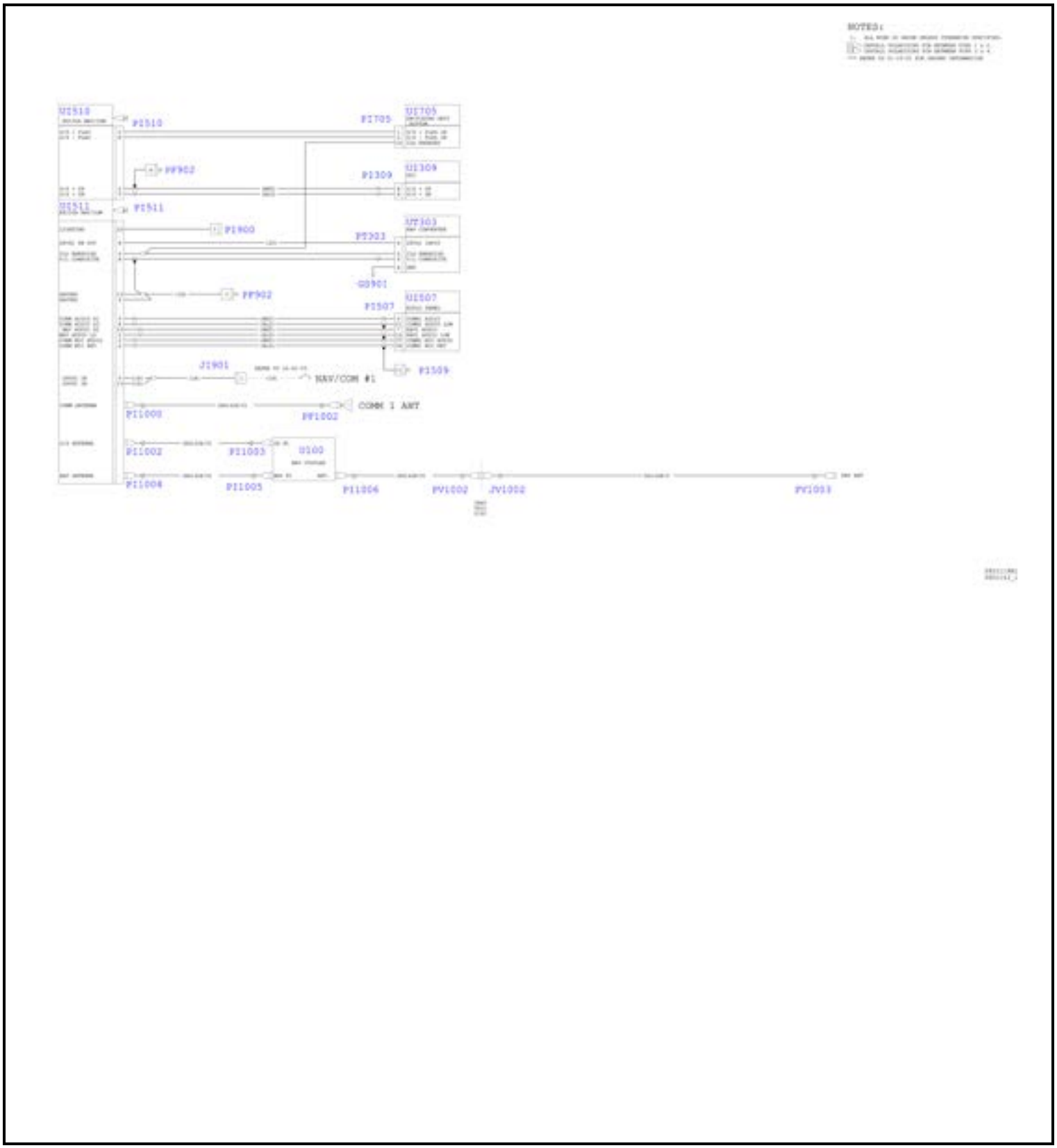
KX-155A NAV/COMM #1 W/HSI

AIRPLANES (182) 80454 THRU 80944

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GS901		GROUND (ZONE 310)			RF
PI704	RD50F10JVL0	CONNECTOR KIT - GPS SWITCHING UNIT (ZONE 225)	V28198	(182) 80454 - 80944	01
PT303		CONNECTOR (ZONE 310)			RF
UI704		SWITCHING UNIT - NAVIGATION			RF
UT303		CONVERTER - NAV			RF

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Figure 03 : Sheet 01 : KX-155A NAV/COMM #1 W/HSI



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Figure 03 : Sheet 02 : KX-155A NAV/COMM #1 W/HSI



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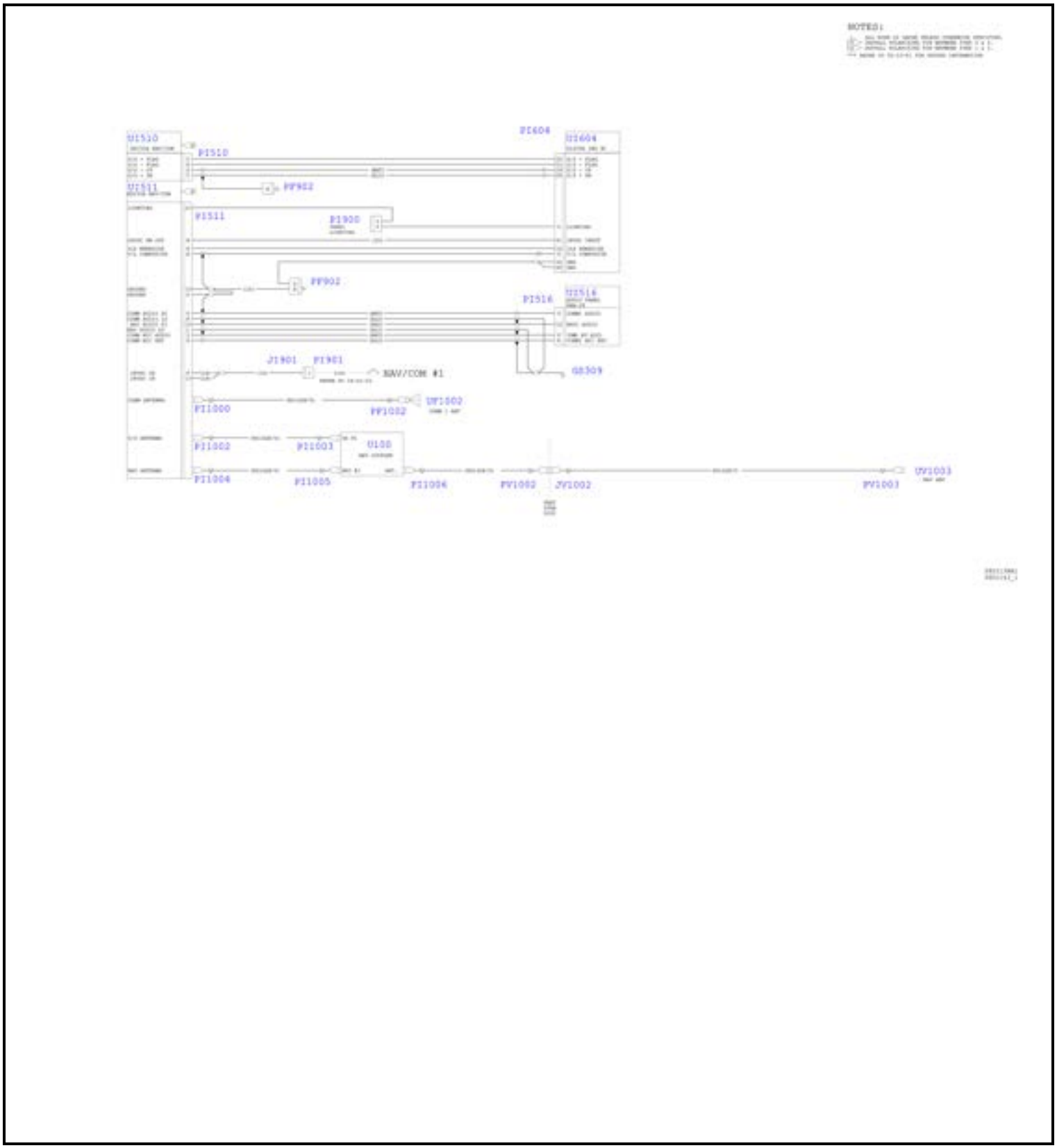
KX-155A NAV/COMM #1-STANDARD, NAV I, NAV I W/ADF

AIRPLANES (182) 80945 & ON AND AIRPLANES (T182) 08001 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GS309		GROUND (ZONE 210)			RF
JI901	S2350-3	CONNECTOR - AVIONICS COOLING FAN		(182) 80945 & ON (T182) 08001 & ON	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
JV1002	S2046-3	CONNECTOR - NAVIGATION ANTENNA (ZONE 340)		(182) 80945 & ON (T182) 08001 & ON	01
PF902	SK2701	CONNECTOR (ZONE 221)	V28198	(182) 80945 & ON (T182) 08001 & ON	01
	FC120N2	. CONTACT	V28198		AR
PF1002	UG913A/U	CONNECTOR - COAX (ZONE 210)	V07688	(182) 80945 & ON (T182) 08001 & ON	01
PI510	030-01094-0060	CONNECTOR KIT - KX155A NAV/COMM (ZONE 225)	V22373	(182) 80945 & ON (T182) 08001 & ON	01
	050-03378-0000	. CONNECTOR KIT	V22373		01
PI511	050-03378-0000	CONNECTOR - KX155A NAV/COMM (ZONE 225)	V22373	(182) 80945 & ON (T182) 08001 & ON	01
	050-03378-0000	. CONNECTOR KIT	V22373		01
PI516	050-03613-0001	CONNECTOR KIT - AUDIO PANEL (ZONE 225)	V22373	(182) 80945 & ON (T182) 08001 & ON	01
	030-01094-0058	. CONNECTOR	V22373		01
PI604	050-01550-0001	CONNECTOR KIT - KI209A INDICATOR (ZONE 224)	V22373	(182) 80945 & ON (T182) 08001 & ON	01
PI900	S3070-9	CONNECTOR (ZONE 225)	V49367	(182) 80945 & ON (T182) 08001 & ON	01
	LMD6106P	. BUSSING MODULE	V49367		01
	S2353-5	. PIN			AR
	LMS01T-TL	. SPLICE CONNECTOR	V49367		01
PI901	S2349-1	CONNECTOR (ZONE 224)	V00779	(182) 80945 & ON (T182) 08001 & ON	01
	S2099-3	. CONTACT			AR
PI1000	050-03378-0000	CONNECTOR - NAV/COMM 1 (ZONE 225)	V22373	(182) 80945 & ON (T182) 08001 & ON	01
	030-00101-02	. CONTACT	V22373		AR
PI1002	050-03378-0000	CONNECTOR - NAV/COMM 1 (ZONE 225)	V22373	(182) 80945 & ON (T182) 08001 & ON	01
	030-00101-0002	. TERMINAL	V22373		AR
PI1003	UG88C/U	CONNECTOR - NAV COUPLER (ZONE 211)	V07688	(182) 80945 & ON (T182) 08001 & ON	01
PI1004	050-03378-0000	CONNECTOR (ZONE 225)	V22373	(182) 80945 & ON (T182) 08001 & ON	01
	030-00101-0002	. TERMINAL	V22373		AR
PI1005	UG88C/U	CONNECTOR - COMM 1 ANTENNA (ZONE 211)	V07688	(182) 80945 & ON (T182) 08001 & ON	01
PI1006	225555-6	CONNECTOR - COAX (ZONE 224)	V00779	(182) 80945 & ON (T182) 08001 & ON	01
PV1002	UG88C/U	CONNECTOR - COMM 1 ANTENNA (ZONE 211)	V07688	(182) 80945 & ON (T182) 08001 & ON	01
PV1003		CONNECTOR			RF
U100		COUPLER - ANTENNA			RF
UF1002		ANTENNA - COMM			RF
UI510		NAV/COMM - KX-155A			RF
UI511		RECEIVER - NAV/COM			RF
UI516		AUDIO PANEL - KMA28			RF
UI604		INDICATOR - NAVIGATION			RF
UV1003		ANTENNA - NAVIGATION			RF

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Figure 04 : Sheet 01 : KX-155A NAV/COMM #1-STANDARD, NAV I, NAV I W/ADF



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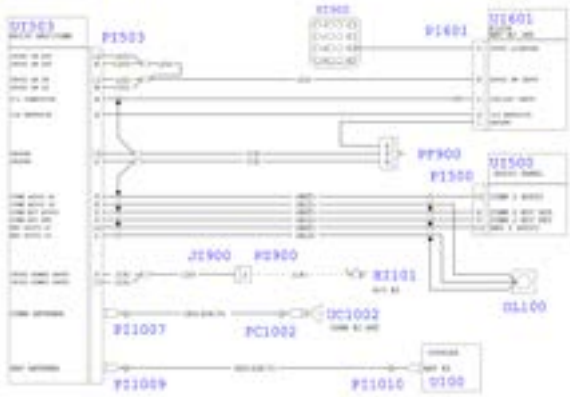
KX-155A NAV/COMM #2-STANDARD

AIRPLANES (182) 80001 THRU 80003

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GL100	008-0041-00	GROUND STUD (ZONE 225)	V22373	(182) 80001 - 80003	01
HI101	S1360-8L	CIRCUIT BREAKER (ZONE 224)		(182) 80001 - 80003	01
JZ900	S2350-3	CONNECTOR (ZONE 220/225)		(182) 80001 - 80003	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PC1002	UG88C/U	CONNECTOR - COMM 2 ANTENNA COAX (ZONE 211)	V07688	(182) 80001 - 80003	01
PF900	S2526-1	CONNECTOR	V00779	(182) 80001 - 80003	01
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
PI500	030-1094-58	CONNECTOR - AUDIO PANEL (ZONE 225)	V22373	(182) 80001 - 80003	01
	030-1107-46	. CONTACT	V22373		AR
PI503	030-01094-059	CONNECTOR - KX-155 NAV/COMM 2 (ZONE 225)	V22373	(182) 80001 - 80003	01
	030-01107-0030	. CONTACT	V22373		AR
PI601	030-02227-005	CONNECTOR - KI208 INDICATOR (ZONE 225)	V22373	(182) 80001 - 80003	01
	050-01550-0000	. CONNECTOR KIT	V22373		01
	030-02227-023	. CONTACT	V22373		AR
	030-02227-009	. HOOD	V22373		01
PI900	S3070-9	CONNECTOR (ZONE 225)	V49367	(182) 80001 - 80003	01
	LMD6106P	. BUSSING MODULE	V49367		01
	S2353-5	. PIN			AR
	LMS01T-TL	. SPLICE CONNECTOR	V49367		01
PI1007	050-03378-0001	CONNECTOR (ZONE 225)	V22373	(182) 80001 - 80003	01
	030-00101-0002	. TERMINAL	V22373	(182) 80004 & ON	AR
	030-0101-02	. TERMINAL	V22373	(182) 80001 - 80003	AR
PI1009	050-03378-0001	CONNECTOR - NAV COUPLER (ZONE 225)	V22373	(182) 80001 - 80003	01
	030-0101-02	. TERMINAL	V22373		AR
PI1010	UG88C/U	CONNECTOR - COMM 2 ANTENNA (ZONE 211)	V07688	(182) 80001 - 80003	01
PZ900	S2349-1	CONNECTOR - AVIONICS CIRCUIT BREAKER	V00779	(182) 80001 - 80003	01
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
U100		COUPLER - ANTENNA			RF
UC1002		ANTENNA - COMM 2			RF
UI500		AUDIO CONTROL			RF
UI503		RECEIVER - NAV/COMM			RF
UI601		INDICATOR (ZONE 210)			RF

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Figure 01 : Sheet 01 : KX-155A NAV/COMM #2-STANDARD



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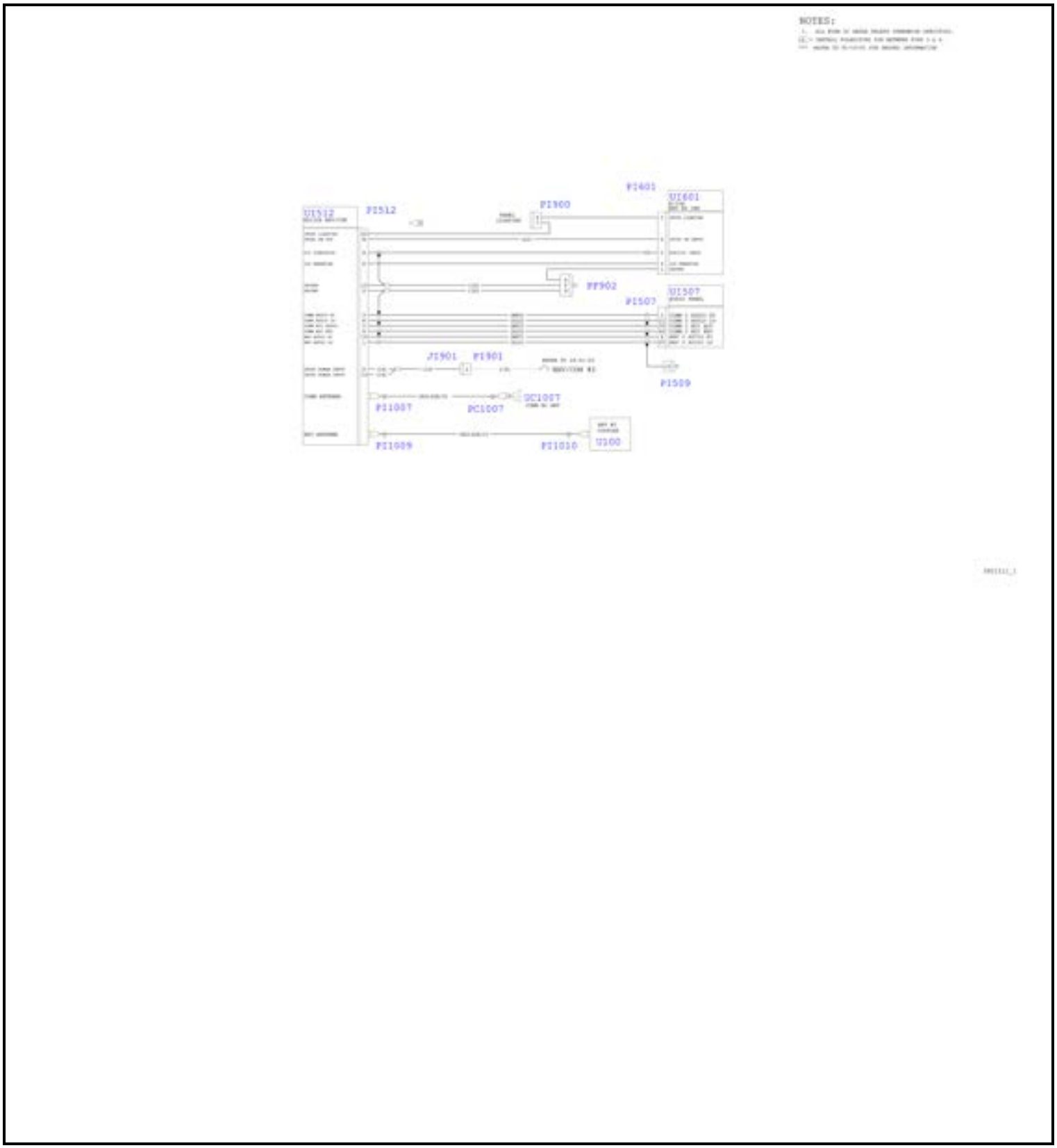
KX-155A NAV/COMM #2-STANDARD

AIRPLANES (182) 80004 THRU 80944

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
JI901	S2350-3	CONNECTOR - AVIONICS COOLING FAN		(182) 80004 - 80944	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PC1007	UG913A/U	CONNECTOR - ANTENNA COAX (ZONE 340)	V07688	(182) 80004 - 80944	01
	011-01000-00	. CONNECTOR KIT			02
	011-01000-01	. GIA63, SUBASSEMBLY	V0TRC3		02
PF902	SK2701	CONNECTOR (ZONE 221)	V28198	(182) 80004 - 80944	01
	FC120N2	. CONTACT	V28198		AR
PI507	050-03392-0000	CONNECTOR - AUDIO PANEL (ZONE 225)	V22373	(182) 80004 - 80944	01
PI509	030-01094-0004	GROUND CONNECTOR (ZONE 210)	V22373	(182) 80004 - 80944	01
PI512	050-03378-0001	CONNECTOR - KX155A NAV/COMM (ZONE 225)	V22373	(182) 80004 - 80944	01
PI601	030-02227-005	CONNECTOR - KI208 INDICATOR (ZONE 225)	V22373	(182) 80004 - 80944	01
	050-01550-0000	. CONNECTOR KIT	V22373		01
	030-02227-023	. CONTACT	V22373		AR
	030-02227-009	. HOOD	V22373		01
PI900	S3070-9	CONNECTOR (ZONE 225)	V49367	(182) 80004 - 80944	01
	LMD6106P	. BUSSING MODULE	V49367		01
	S2353-5	. PIN			AR
	LMS01T-TL	. SPLICE CONNECTOR	V49367		01
PI901	S2349-1	CONNECTOR (ZONE 224)	V00779	(182) 80004 - 80944	01
	S2099-3	. CONTACT			AR
PI1007	050-03378-0001	CONNECTOR (ZONE 225)	V22373	(182) 80004 - 80944	01
	030-00101-0002	. TERMINAL	V22373	(182) 80004 & ON	AR
	030-0101-02	. TERMINAL	V22373	(182) 80001 - 80003	AR
PI1009	050-03378-0001	CONNECTOR - NAV COUPLER (ZONE 225)	V22373	(182) 80004 - 80944	01
	030-0101-02	. TERMINAL	V22373		AR
PI1010	UG88C/U	CONNECTOR - COMM 2 ANTENNA (ZONE 211)	V07688	(182) 80004 - 80944	01
U100		COUPLER - ANTENNA			RF
UC1007		ANTENNA - COMM (ZONE 210)			RF
UI507		PANEL - KMA-26 AUDIO			RF
UI512		NAV/COMM - KX-155A (ZONE 210)			RF
UI601		INDICATOR (ZONE 210)			RF

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Figure 02 : Sheet 01 : KX-155A NAV/COMM #2-STANDARD



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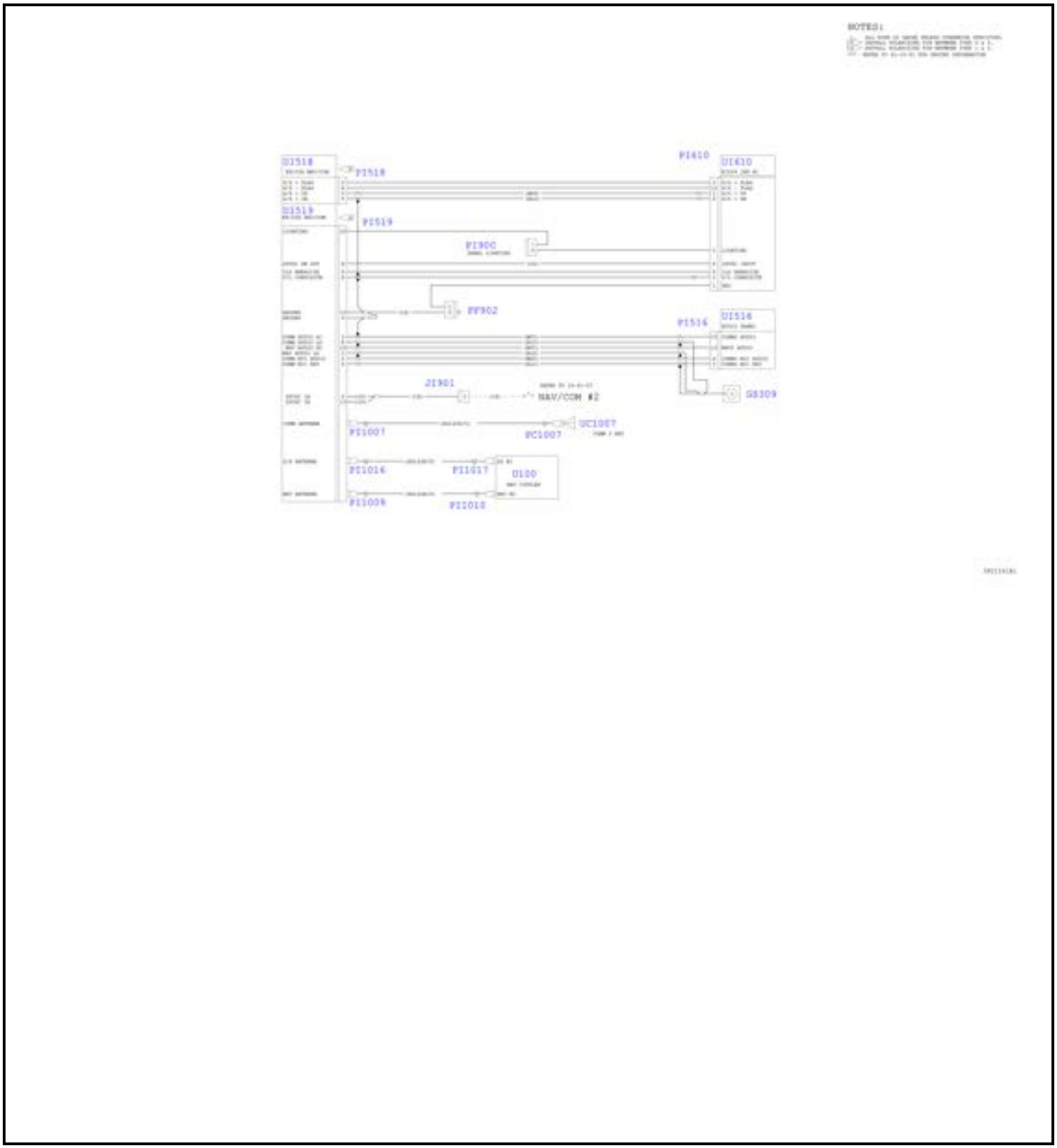
KX-155A NAV/COMM #2 W/GLIDESLOPE-STANDARD,NAV I,NAV I W/ADF,NAV II,NAV II W/ADF

AIRPLANES (182) 80945 & ON AND AIRPLANES (T182) 08001 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GS309		GROUND (ZONE 210)			RF
JI901	S2350-3	CONNECTOR - AVIONICS COOLING FAN		(182) 80945 & ON (T182) 08001 & ON	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PC1007	UG913A/U	CONNECTOR - ANTENNA COAX (ZONE 340)	V07688	(182) 80945 & ON (T182) 08001 & ON	01
	011-01000-00	. CONNECTOR KIT			02
	011-01000-01	. GIA63, SUBASSEMBLY	V0TRC3		02
PF902	SK2701	CONNECTOR (ZONE 221)	V28198	(182) 80945 & ON (T182) 08001 & ON	01
	FC120N2	. CONTACT	V28198		AR
PI516	050-03613-0001	CONNECTOR KIT - AUDIO PANEL (ZONE 225)	V22373	(182) 80945 & ON (T182) 08001 & ON	01
	030-01094-0058	. CONNECTOR	V22373		01
PI518	050-03378-0000	CONNECTOR - KX-155A NAV/COMM 2 (ZONE 225)	V22373	(182) 80945 & ON (T182) 08001 & ON	01
	030-01094-0060	. CONNECTOR	V22373		01
PI519	050-03378-0000	CONNECTOR - KX-155 NAV/COMM 2 (ZONE 225)	V22373	(182) 80945 & ON (T182) 08001 & ON	01
	030-01094-0088	. CONNECTOR	V22373		AR
PI610	050-01550-0000	CONNECTOR KIT - KI209 INDICATOR 1 (ZONE 225)	V22373	(182) 80945 & ON (T182) 08001 & ON	01
	030-02227-0005	. CONNECTOR	V22373		01
PI900	S3070-9	CONNECTOR (ZONE 225)	V49367	(182) 80945 & ON (T182) 08001 & ON	01
	LMD6106P	. BUSSING MODULE	V49367		01
	S2353-5	. PIN			AR
	LMS01T-TL	. SPLICE CONNECTOR	V49367		01
PI1007	050-03378-0001	CONNECTOR (ZONE 225)	V22373	(182) 80945 & ON (T182) 08001 & ON	01
	030-00101-0002	. TERMINAL	V22373	(182) 80004 & ON	AR
	030-0101-02	. TERMINAL	V22373	(182) 80001 - 80003	AR
PI1009	050-03378-0001	CONNECTOR - NAV COUPLER (ZONE 225)	V22373	(182) 80945 & ON (T182) 08001 & ON	01
	030-0101-02	. TERMINAL	V22373		AR
PI1010	UG88C/U	CONNECTOR - COMM 2 ANTENNA (ZONE 211)	V07688	(182) 80945 & ON (T182) 08001 & ON	01
PI1016	050-03378-0000	CONNECTOR - NAV COUPLER (ZONE 211)	V22373	(182) 80945 & ON (T182) 08001 & ON	01
	030-00101-0002	. CONNECTOR	V22373		01
PI1017	UG88C/U	CONNECTOR - COMM 2 ANTENNA (ZONE 211)	V07688	(182) 80945 & ON (T182) 08001 & ON	01
U100		COUPLER - ANTENNA			RF
UC1007		ANTENNA - COMM (ZONE 210)			RF
UI516		AUDIO PANEL - KMA28			RF
UI518		RECEIVER - NAV/COMM			RF
UI519		RECEIVER - NAV/COMM			RF
UI610		INDICATOR - GLIDESLOPE			RF

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Figure 03 : Sheet 01 : KX-155A NAV/COMM #2 W/GLIDESLOPE-STANDARD,NAV I,NAV I W/ADF,NAV II,NAV II W/ADF



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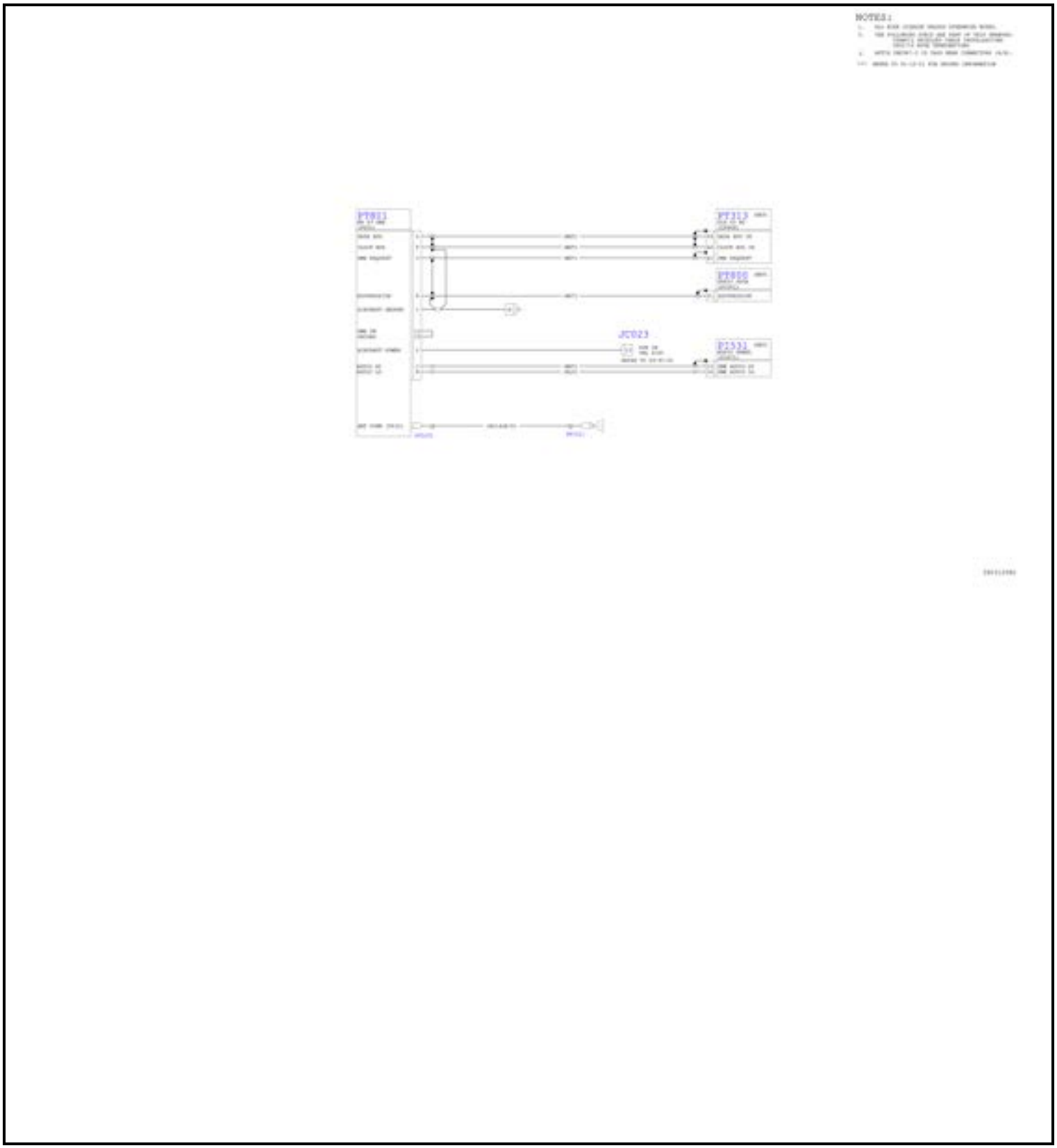
BENDIX/KING KN-63 DME

AIRPLANES (182) 81741 THRU 81875 AND AIRPLANES (T182) 08480 THRU 08668

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
JC023	S2350-10	RECEPTACLE		(182) 81741 - 81875 (T182) 08480 - 08668	01
	S2353-4	. CONTACT			AR
	S2353-5	. PIN			AR
	S2353-7	. PIN			AR
PF1011	UG88C/U	CONNECTOR - COAX	V07688	(182) 81741 - 81875 (T182) 08480 - 08668	01
PI531	330-00185-78	CONNECTOR - AUDIO PANEL DISCONNECT (ZONE 225)	V0TRC3	(182) 81741 - 81875 (T182) 08480 - 08668	01
PT313	330-00185-78	CONNECTOR	V0TRC3	(182) 81741 - 81875 (T182) 08480 - 08668	01
PT800	011-01012-00	CONNECTOR		(182) 81741 - 81875 (T182) 08480 - 08668	01
PT801	030-01094-0056	CONNECTOR - COAX	V22373	(182) 81741 - 81875 (T182) 08480 - 08668	01
	088-00752-0000	. BACKSHELL	V22373		AR
	030-01107-0015	. CONTACTS	V22373		AR
	089-06541-0000	. SCREW	V22373		AR
PT1031	030-00005-0000	CONNECTOR - COAX	V22373	(182) 81741 - 81875 (T182) 08480 - 08668	01

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Figure 01 : Sheet 01 : BENDIX/KING KN-63 DME



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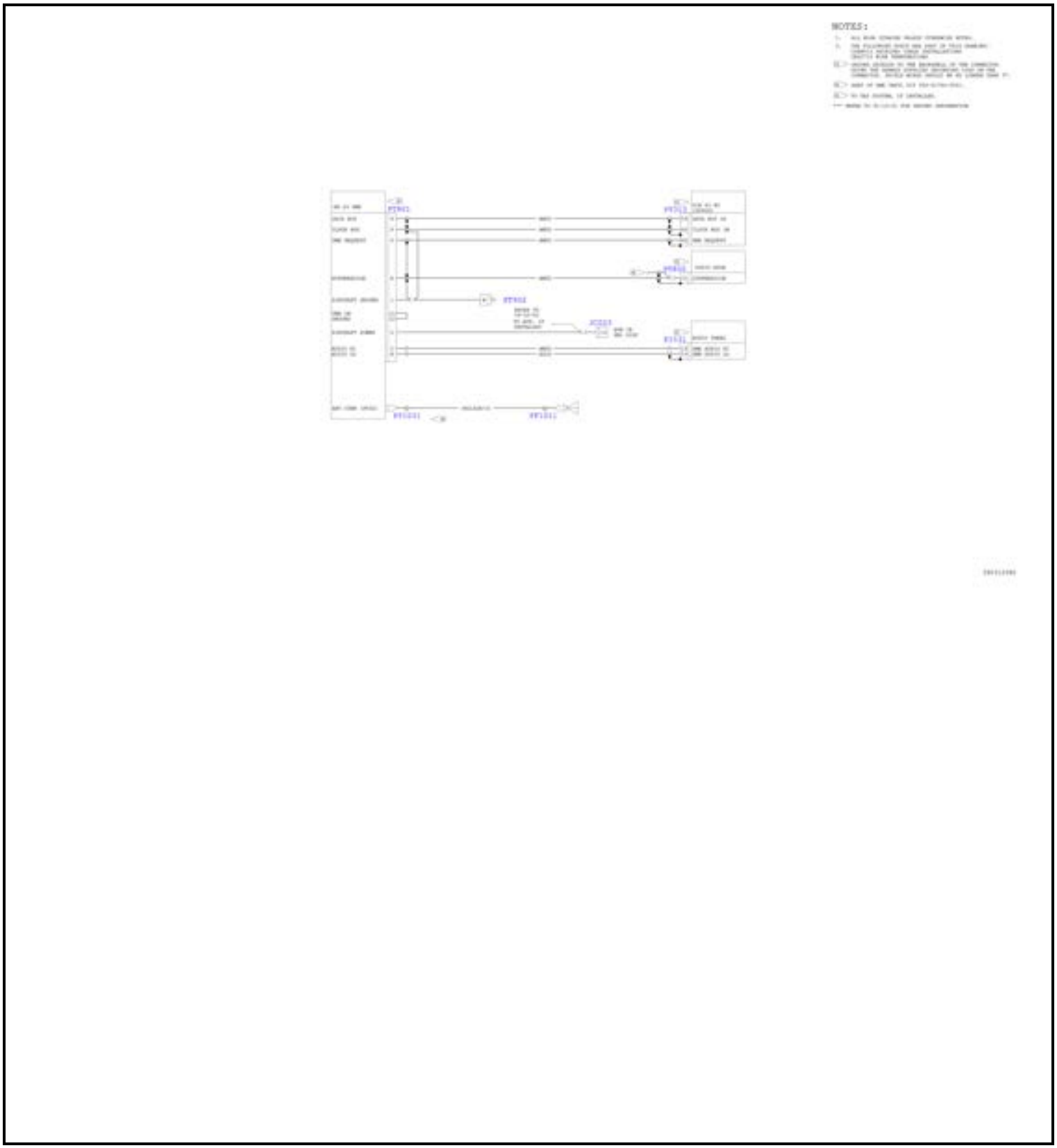
HONEYWELL KN-63 DME

AIRPLANES (182) 81876 THRU 83251 AND AIRPLANES (T182) 08669 THRU 09139

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
JC023	S2350-10	RECEPTACLE		(182) 81876 - 83251 (T182) 08669 - 09139	01
	S2353-4	. CONTACT			AR
	S2353-5	. PIN			AR
	S2353-7	. PIN			AR
PF1011	UG88C/U	CONNECTOR - COAX	V07688	(182) 81876 - 83251 (T182) 08669 - 09139	01
PI531	330-00185-78	CONNECTOR - AUDIO PANEL DISCONNECT (ZONE 225)	V0TRC3	(182) 81876 - 83251 (T182) 08669 - 09139	01
PT313	330-00185-78	CONNECTOR	V0TRC3	(182) 81876 - 83251 (T182) 08669 - 09139	01
PT800	011-01012-00	CONNECTOR		(182) 81876 - 83251 (T182) 08669 - 09139	01
PT801	030-01094-0056	CONNECTOR - COAX	V22373	(182) 81876 - 83251 (T182) 08669 - 09139	01
	088-00752-0000	. BACKSHELL	V22373		AR
	030-01107-0015	. CONTACTS	V22373		AR
	089-06541-0000	. SCREW	V22373		AR
PT902	SK2701	CONNECTOR	V28198	(182) 81876 - 83251 (T182) 08669 - 09139	01
	FC120N2	. CONTACT - CRIMP	V28198		01
PT1031	030-00005-0000	CONNECTOR - COAX	V22373	(182) 81876 - 83251 (T182) 08669 - 09139	01

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Figure 02 : Sheet 01 : HONEYWELL KN-63 DME



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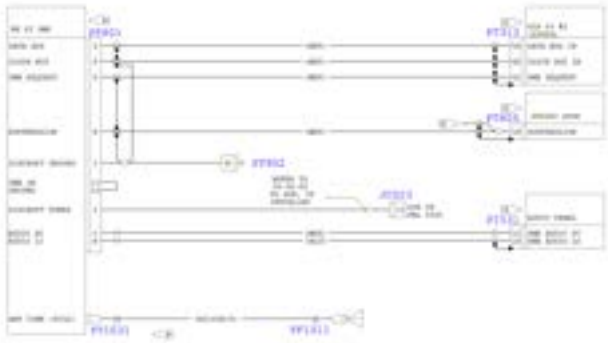
HONEYWELL KN-63 DME

AIRPLANES (182) 83252 & ON AND AIRPLANES (T182) 09140 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
JC023	S2350-10	RECEPTACLE		(182) 83252 & ON (T182) 09140 & ON	01
	S2353-4	. CONTACT			AR
	S2353-5	. PIN			AR
	S2353-7	. PIN			AR
PF1011	UG88C/U	CONNECTOR - COAX	V07688	(182) 83252 & ON (T182) 09140 & ON	01
PI531		CONNECTOR			RF
PT313		CONNECTOR			RF
PT801	050-01766-0001	KIT - KN63	V22373	(182) 83001 & ON	01
PT805	011-01169-01	CONNECTOR ALTERNATE SPARE (INTERCHANGEABLE WITH): 330-00185-62	V0TRC3	(182) 83252 & ON (T182) 09140 & ON	01
	330-00185-62	DSUB CONNECTOR ALTERNATE SPARE (INTERCHANGEABLE WITH): 011-01169-01	V0TRC3	(182) 83252 & ON (T182) 09140 & ON	01
	011-00950-03	. BACKSHELL	V0TRC3		01
	M39029/58-360	. CONTACT PIN	V0TRC3		01
PT902	SK2701	CONNECTOR	V28198	(182) 83252 & ON (T182) 09140 & ON	01
	FC120N2	. CONTACT - CRIMP	V28198		01
PT1031		CONNECTOR			RF

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Figure 03 : Sheet 01 : HONEYWELL KN-63 DME



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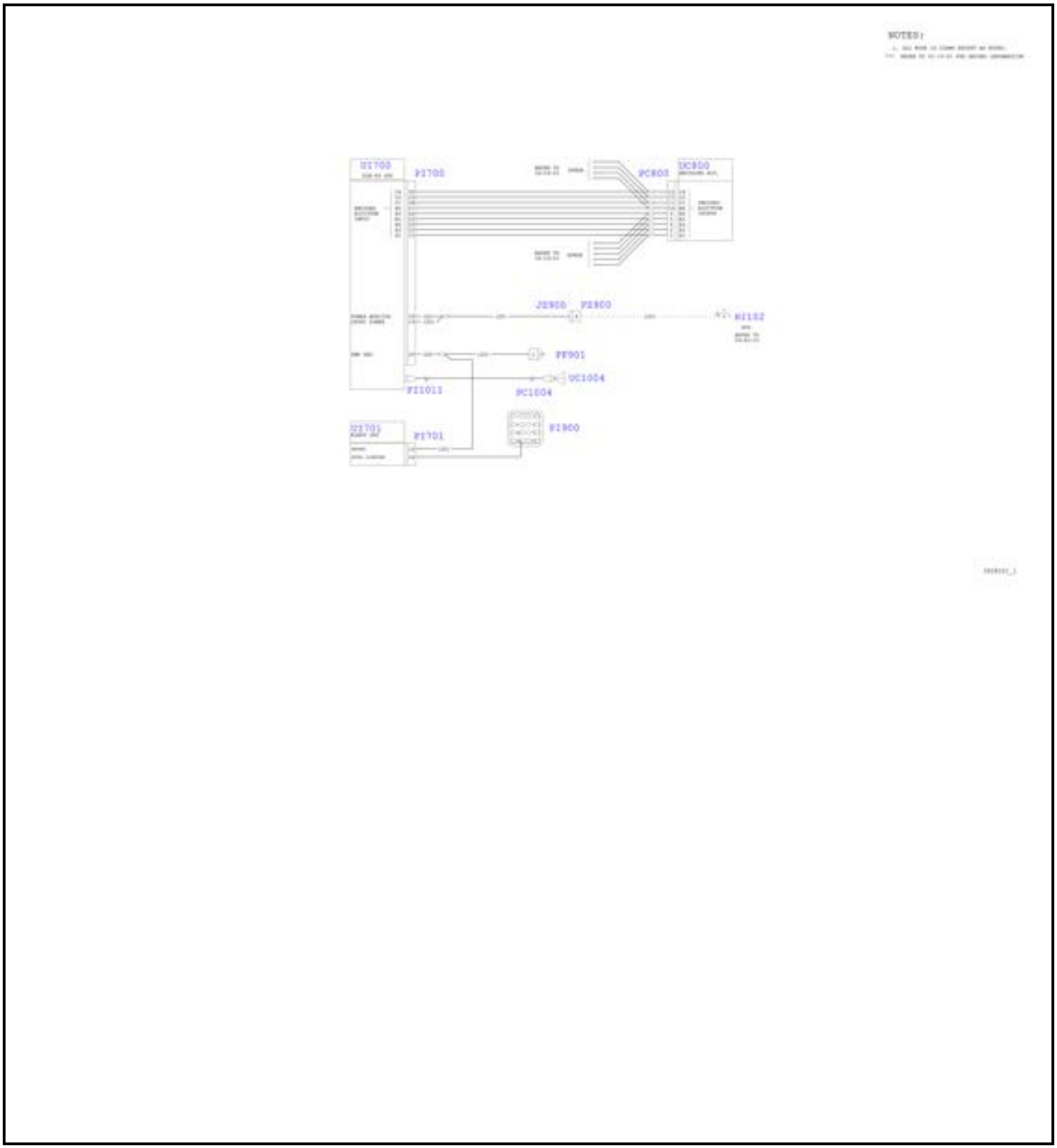
KLN-89 GLOBAL POSITIONING SYSTEM-STANDARD

AIRPLANES (182) 80001 THRU 80003

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
HI102	S1360-5L	CIRCUIT BREAKER (ZONE 224)		(182) 80001 - 80003	01
JZ900	S2350-3	CONNECTOR (ZONE 220/225)		(182) 80001 - 80003	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PC800	M24308/2-2	CONNECTOR - ENCODING ALTIMETER (ZONE 220)	V49367	(182) 80001 - 80003	01
	S2492-1	. CLAMP			01
	M24308/25-9	. LOCK ASSEMBLY			01
PC1004	225555-6	CONNECTOR - NAV/COMM COAX (ZONE 225)	V00779	(182) 80001 - 80003	01
	79125	. ADAPTER	V74868		01
PF901	S2526-1	CONNECTOR (ZONE 221)	V00779	(182) 80001 - 80003	01
	S2099-4	. CONTACT	V00779		AR
PI700	050-03321-0000	CONNECTOR - KLN-89B GPS (ZONE 225)	V22373	(182) 80001 - 80003	01
	030-03271-0000	. CONNECTOR	V22373		01
PI701	050-03321-0000	CONNECTOR - KLN-89B GPS (ZONE 225)	V22373	(182) 80001 - 80003	01
PI900	S3070-9	CONNECTOR (ZONE 225)	V49367	(182) 80001 - 80003	01
	LMD6106P	. BUSSING MODULE	V49367		01
	S2353-5	. PIN			AR
	LMS01T-TL	. SPLICE CONNECTOR	V49367		01
PI1011	050-03321-0000	CONNECTOR - GPS RECEIVER (ZONE 225)	V22373	(182) 80001 - 80003	01
	030-00101-0002	. CONNECTOR	V22373		01
PZ900	S2349-1	CONNECTOR - AVIONICS CIRCUIT BREAKER	V00779	(182) 80001 - 80003	01
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
UC800		TRANSPONDER			RF
UC1004		ANTENNA - GPS			RF
UI700		RECEIVER - KLN-89 GPS			RF
UI701		GPS RECEIVER - KLN-94			RF

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Figure 01 : Sheet 01 : KLN-89 GLOBAL POSITIONING SYSTEM-STANDARD



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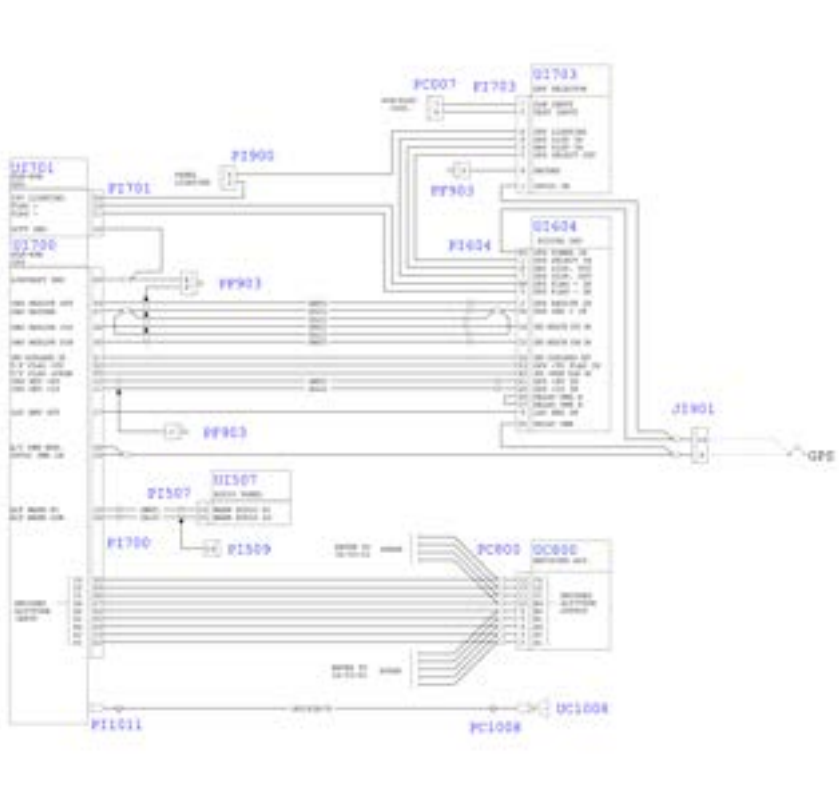
KLN-89 GLOBAL POSITIONING SYSTEM-STANDARD

AIRPLANES (182) 80004 THRU 80944

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
JI901	S2350-3	CONNECTOR - AVIONICS COOLING FAN		(182) 80004 - 80944	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PC007	S1640-9	CONNECTOR - ELECTRICAL/AVIONIC DISCONNECT (ZONE 610)		(182) 80004 - 80944	01
	S1635-1	. CONTACT	V49367		AR
PC800	M24308/2-2	CONNECTOR - ENCODING ALTIMETER (ZONE 220)	V49367	(182) 80004 - 80944	01
	S2492-1	. CLAMP			01
	M24308/25-9	. LOCK ASSEMBLY			01
PC1008	225555-6	CONNECTOR - NAV/COMM 1 COAX (ZONE 225)	V00779	(182) 80004 - 80944	01
	79125	. ADAPTER	V74868		01
PF903	SK2701	CONNECTOR (ZONE 221)	V28198	(182) 80004 - 80944	01
	FC120N2	. CONTACT	V28198		AR
PI507	050-03392-0000	CONNECTOR - AUDIO PANEL (ZONE 225)	V22373	(182) 80004 - 80944	01
PI509	030-01094-0004	GROUND CONNECTOR (ZONE 210)	V22373	(182) 80004 - 80944	01
PI604	050-01550-0001	CONNECTOR KIT - KI209A INDICATOR (ZONE 224)	V22373	(182) 80004 - 80944	01
PI700	050-03321-0000	CONNECTOR - KLN-89B GPS (ZONE 225)	V22373	(182) 80004 - 80944	01
	030-03271-0000	. CONNECTOR	V22373		01
PI701	050-03321-0000	CONNECTOR - KLN-89B GPS (ZONE 225)	V22373	(182) 80004 - 80944	01
PI703	RD9F00JVL0	CONNECTOR - GPS SELECTOR (ZONE 225)	V28198	(182) 80004 - 80944	01
	FC6020D	. CONTACT	V28198		AR
PI900	S3070-9	CONNECTOR (ZONE 225)	V49367	(182) 80004 - 80944	01
	LMD6106P	. BUSSING MODULE	V49367		01
	S2353-5	. PIN			AR
	LMS01T-TL	. SPLICE CONNECTOR	V49367		01
PI1011	050-03321-0000	CONNECTOR - GPS RECEIVER (ZONE 225)	V22373	(182) 80004 - 80944	01
	030-00101-0002	. CONNECTOR	V22373		01
UC800		TRANSPONDER			RF
UC1008		ANTENNA - GPS			RF
UI507		PANEL - KMA-26 AUDIO			RF
UI604		INDICATOR - NAVIGATION			RF
UI700		RECEIVER - KLN-89 GPS			RF
UI701		GPS RECEIVER - KLN-94			RF
UI703		MODE SELECTOR - GPS			RF

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Figure 02 : Sheet 01 : KLN-89 GLOBAL POSITIONING SYSTEM-STANDARD



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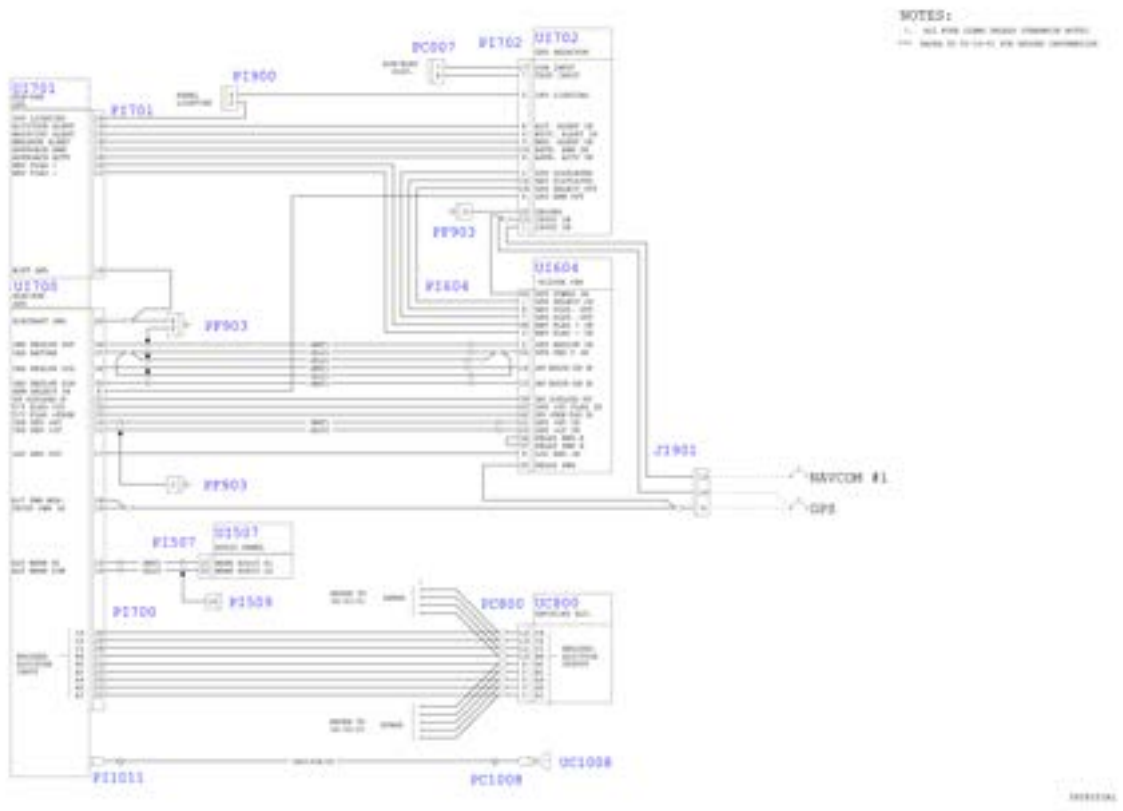
KLN-89 GLOBAL POSITIONING SYSTEM-NAV I

AIRPLANES (182) 80004 THRU 80686

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
JI901	S2350-3	CONNECTOR - AVIONICS COOLING FAN		(182) 80004 - 80686	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PC007	S1640-9	CONNECTOR - ELECTRICAL/AVIONIC DISCONNECT (ZONE 610)		(182) 80004 - 80686	01
	S1635-1	. CONTACT	V49367		AR
PC800	M24308/2-2	CONNECTOR - ENCODING ALTIMETER (ZONE 220)	V49367	(182) 80004 - 80686	01
	S2492-1	. CLAMP			01
	M24308/25-9	. LOCK ASSEMBLY			01
PC1008	225555-6	CONNECTOR - NAV/COMM 1 COAX (ZONE 225)	V00779	(182) 80004 - 80686	01
	79125	. ADAPTER	V74868		01
PF903	SK2701	CONNECTOR (ZONE 221)	V28198	(182) 80004 - 80686	01
	FC120N2	. CONTACT	V28198		AR
PI507	050-03392-0000	CONNECTOR - AUDIO PANEL (ZONE 225)	V22373	(182) 80004 - 80686	01
PI509	030-01094-0004	GROUND CONNECTOR (ZONE 210)	V22373	(182) 80004 - 80686	01
PI604	050-01550-0001	CONNECTOR KIT - KI209A INDICATOR (ZONE 224)	V22373	(182) 80004 - 80686	01
PI700	050-03321-0000	CONNECTOR - KLN-89B GPS (ZONE 225)	V22373	(182) 80004 - 80686	01
	030-03271-0000	. CONNECTOR	V22373		01
PI701	050-03321-0000	CONNECTOR - KLN-89B GPS (ZONE 225)	V22373	(182) 80004 - 80686	01
PI702	RD25F00JVL0	CONNECTOR - GPS SELECTOR (ZONE 225)	V28198	(182) 80004 - 80944	01
	FC6020D	. CONTACT	V28198		AR
PI900	S3070-9	CONNECTOR (ZONE 225)	V49367	(182) 80004 - 80686	01
	LMD6106P	. BUSSING MODULE	V49367		01
	S2353-5	. PIN			AR
	LMS01T-TL	. SPLICE CONNECTOR	V49367		01
PI1011	050-03321-0000	CONNECTOR - GPS RECEIVER (ZONE 225)	V22373	(182) 80004 - 80686	01
	030-00101-0002	. CONNECTOR	V22373		01
UC800		TRANSPONDER			RF
UC1008		ANTENNA - GPS			RF
UI507		PANEL - KMA-26 AUDIO			RF
UI604		INDICATOR - NAVIGATION			RF
UI700		RECEIVER - KLN-89 GPS			RF
UI701		GPS RECEIVER - KLN-94			RF
UI702		MODE SELECTOR - GPS			RF

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Figure 03 : Sheet 01 : KLN-89 GLOBAL POSITIONING SYSTEM-NAV I



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KLN-89B GLOBAL POSITIONING SYSTEM-NAV I W/HSI

AIRPLANES (182) 80454 THRU 80686

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
JI901	S2350-3	CONNECTOR - AVIONICS COOLING FAN		(182) 80454 - 80686	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PC007	S1640-9	CONNECTOR - ELECTRICAL/AVIONIC DISCONNECT (ZONE 610)		(182) 80454 - 80686	01
	S1635-1	. CONTACT	V49367		AR
PF903	SK2701	CONNECTOR (ZONE 221)	V28198	(182) 80454 - 80686	01
	FC120N2	. CONTACT	V28198		AR
PI700	050-03321-0000	CONNECTOR - KLN-89B GPS (ZONE 225)	V22373	(182) 80454 - 80686	01
	030-03271-0000	. CONNECTOR	V22373		01
PI701	050-03321-0000	CONNECTOR - KLN-89B GPS (ZONE 225)	V22373	(182) 80454 - 80686	01
PI702	RD25F00JVL0	CONNECTOR - GPS SELECTOR (ZONE 225)	V28198	(182) 80004 - 80944	01
	FC6020D	. CONTACT	V28198		AR
PI704	RD50F10JVL0	CONNECTOR KIT - GPS SWITCHING UNIT (ZONE 225)	V28198	(182) 80454 - 80686	01
PI705	RD50M10JVL0	CONNECTOR KIT - GPS SELECTOR (ZONE 225)	V28198	(182) 80454 - 80686	01
PI900	S3070-9	CONNECTOR (ZONE 225)	V49367	(182) 80454 - 80686	01
	LMD6106P	. BUSSING MODULE	V49367		01
	S2353-5	. PIN			AR
	LMS01T-TL	. SPLICE CONNECTOR	V49367		01
UI700		RECEIVER - KLN-89 GPS			RF
UI701		GPS RECEIVER - KLN-94			RF
UI702		MODE SELECTOR - GPS			RF
UI704		SWITCHING UNIT - NAVIGATION			RF
UI705		SWITCHING UNIT - NAVIGATION			RF

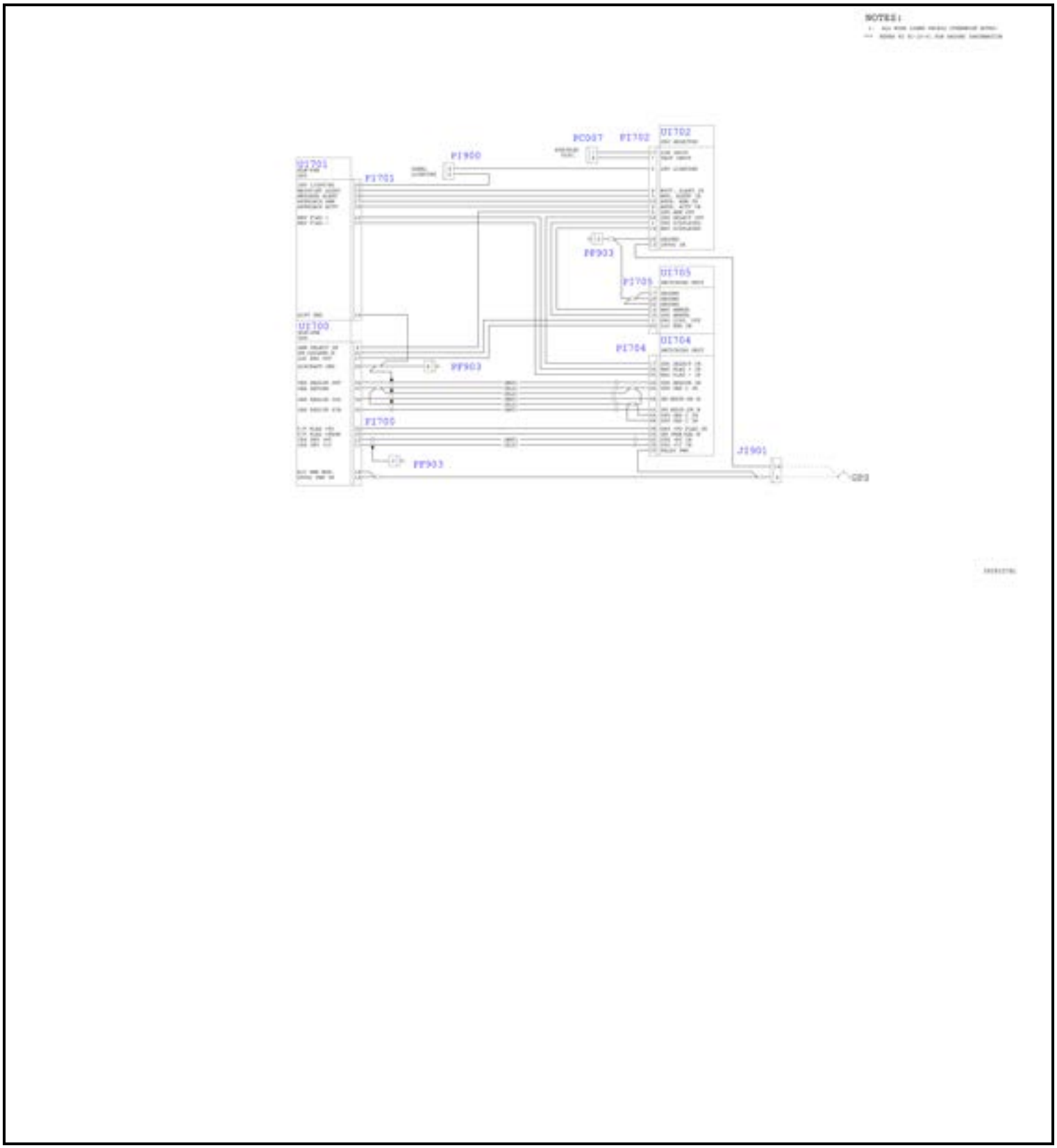
KLN-89B GLOBAL POSITIONING SYSTEM-NAV I W/HSI

AIRPLANES (182) 80454 THRU 80686

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
PC800	M24308/2-2	CONNECTOR - ENCODING ALTIMETER (ZONE 220)	V49367	(182) 80454 - 80686	01
	S2492-1	. CLAMP			01
	M24308/25-9	. LOCK ASSEMBLY			01
PC1008	225555-6	CONNECTOR - NAV/COMM 1 COAX (ZONE 225)	V00779	(182) 80454 - 80686	01
	79125	. ADAPTER	V74868		01
PI507	050-03392-0000	CONNECTOR - AUDIO PANEL (ZONE 225)	V22373	(182) 80454 - 80686	01
PI509	030-01094-0004	GROUND CONNECTOR (ZONE 210)	V22373	(182) 80454 - 80686	01
PI700	050-03321-0000	CONNECTOR - KLN-89B GPS (ZONE 225)	V22373	(182) 80454 - 80686	01
	030-03271-0000	. CONNECTOR	V22373		01
PI1011	050-03321-0000	CONNECTOR - GPS RECEIVER (ZONE 225)	V22373	(182) 80454 - 80686	01
	030-00101-0002	. CONNECTOR	V22373		01
UC800		TRANSPONDER			RF
UC1008		ANTENNA - GPS			RF
UI507		PANEL - KMA-26 AUDIO			RF
UI700		RECEIVER - KLN-89 GPS			RF

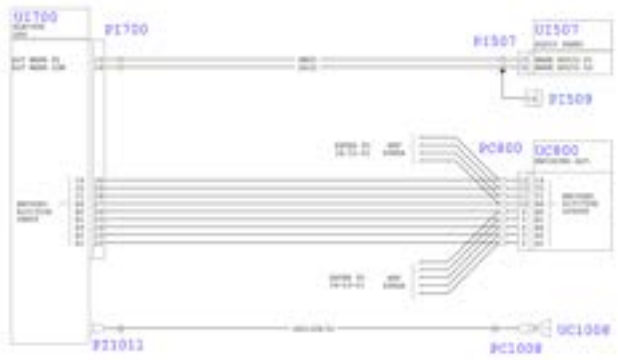
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Figure 04 : Sheet 01 : KLN-89B GLOBAL POSITIONING SYSTEM-NAV I W/HSI



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Figure 04 : Sheet 02 : KLN-89B GLOBAL POSITIONING SYSTEM-NAV I W/HSI



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KLN-94 GLOBAL POSITIONING SYSTEM-NAV I

AIRPLANES (182) 80687 THRU 80944

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
JI901	S2350-3	CONNECTOR - AVIONICS COOLING FAN		(182) 80687 - 80944	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PC007	S1640-9	CONNECTOR - ELECTRICAL/AVIONIC DISCONNECT (ZONE 610)		(182) 80687 - 80944	01
	S1635-1	. CONTACT	V49367		AR
PF903	SK2701	CONNECTOR (ZONE 221)	V28198	(182) 80687 - 80944	01
	FC120N2	. CONTACT	V28198		AR
PI604	050-01550-0001	CONNECTOR KIT - KI209A INDICATOR (ZONE 224)	V22373	(182) 80687 - 80944	01
PI700	050-03321-0000	CONNECTOR - KLN-89B GPS (ZONE 225)	V22373	(182) 80687 - 80944	01
	030-03271-0000	. CONNECTOR	V22373		01
PI701	050-03321-0000	CONNECTOR - KLN-89B GPS (ZONE 225)	V22373	(182) 80687 - 80944	01
PI702	RD25F00JVL0	CONNECTOR - GPS SELECTOR (ZONE 225)	V28198	(182) 80004 - 80944	01
	FC6020D	. CONTACT	V28198		AR
PI900	S3070-9	CONNECTOR (ZONE 225)	V49367	(182) 80687 - 80944	01
	LMD6106P	. BUSSING MODULE	V49367		01
	S2353-5	. PIN			AR
	LMS01T-TL	. SPLICE CONNECTOR	V49367		01
UI604		INDICATOR - NAVIGATION			RF
UI700		RECEIVER - KLN-89 GPS			RF
UI701		GPS RECEIVER - KLN-94			RF
UI702		MODE SELECTOR - GPS			RF

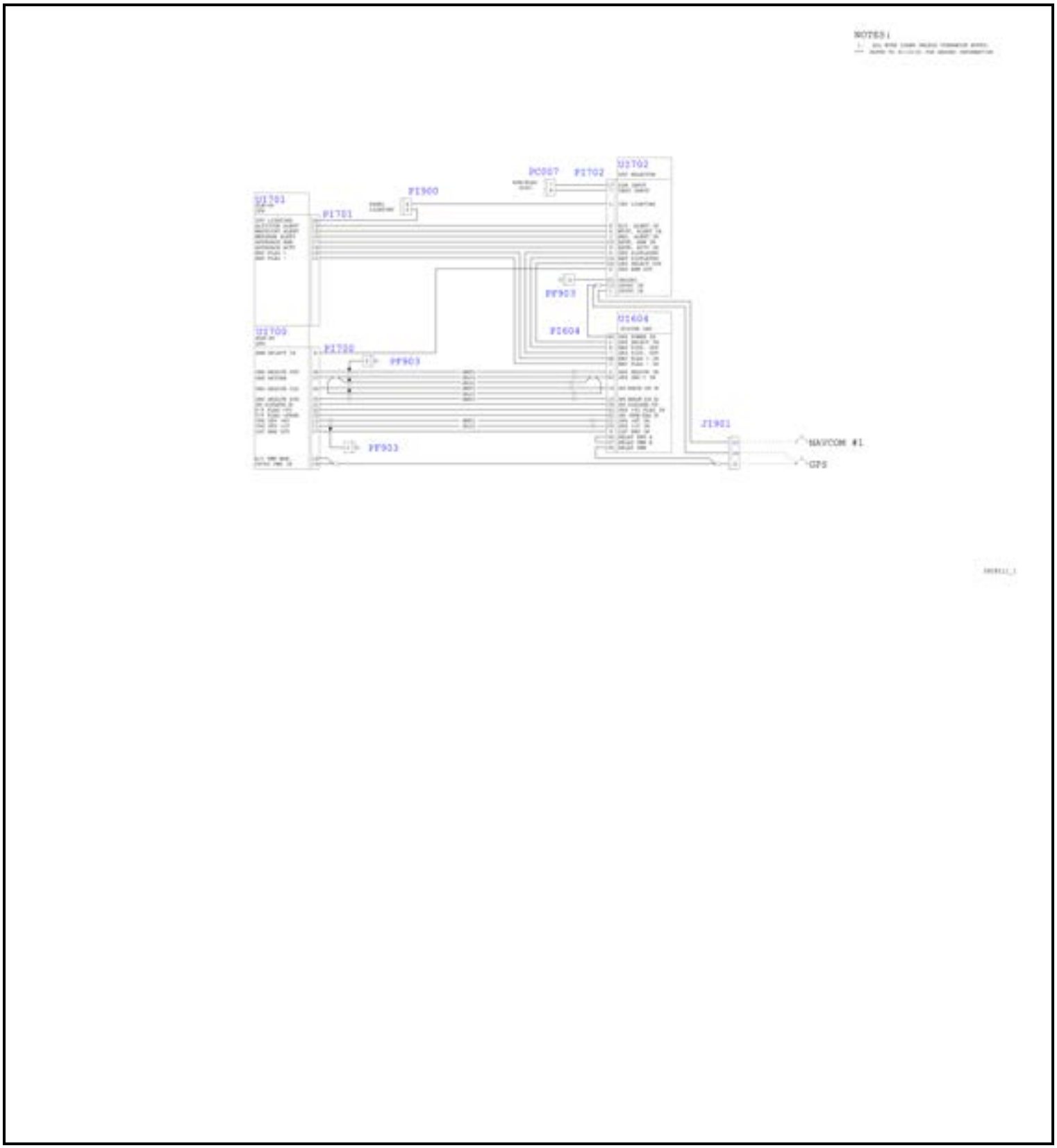
KLN-94 GLOBAL POSITIONING SYSTEM-NAV I

AIRPLANES (182) 80687 THRU 80944

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
PC800	M24308/2-2	CONNECTOR - ENCODING ALTIMETER (ZONE 220)	V49367	(182) 80687 - 80944	01
	S2492-1	. CLAMP			01
	M24308/25-9	. LOCK ASSEMBLY			01
PC1008	225555-6	CONNECTOR - NAV/COMM 1 COAX (ZONE 225)	V00779	(182) 80687 - 80944	01
	79125	. ADAPTER	V74868		01
PF903	SK2701	CONNECTOR (ZONE 221)	V28198	(182) 80687 - 80944	01
	FC120N2	. CONTACT	V28198		AR
PI507	050-03392-0000	CONNECTOR - AUDIO PANEL (ZONE 225)	V22373	(182) 80687 - 80944	01
PI509	030-01094-0004	GROUND CONNECTOR (ZONE 210)	V22373	(182) 80687 - 80944	01
PI511	050-03378-0000	CONNECTOR - KX155A NAV/COMM (ZONE 225)	V22373	(182) 80687 - 80944	01
	050-03378-0000	. CONNECTOR KIT	V22373		01
PI512	050-03378-0001	CONNECTOR - KX155A NAV/COMM (ZONE 225)	V22373	(182) 80687 - 80944	01
PI700	050-03321-0000	CONNECTOR - KLN-89B GPS (ZONE 225)	V22373	(182) 80687 - 80944	01
	030-03271-0000	. CONNECTOR	V22373		01
PI701	050-03321-0000	CONNECTOR - KLN-89B GPS (ZONE 225)	V22373	(182) 80687 - 80944	01
PI1011	050-03321-0000	CONNECTOR - GPS RECEIVER (ZONE 225)	V22373	(182) 80687 - 80944	01
	030-00101-0002	. CONNECTOR	V22373		01
UC800		TRANSPONDER			RF
UC1008		ANTENNA - GPS			RF
UI507		PANEL - KMA-26 AUDIO			RF
UI511		RECEIVER - NAV/COM			RF
UI512		NAV/COMM - KX-155A (ZONE 210)			RF
UI700		RECEIVER - KLN-89 GPS			RF
UI701		GPS RECEIVER - KLN-94			RF

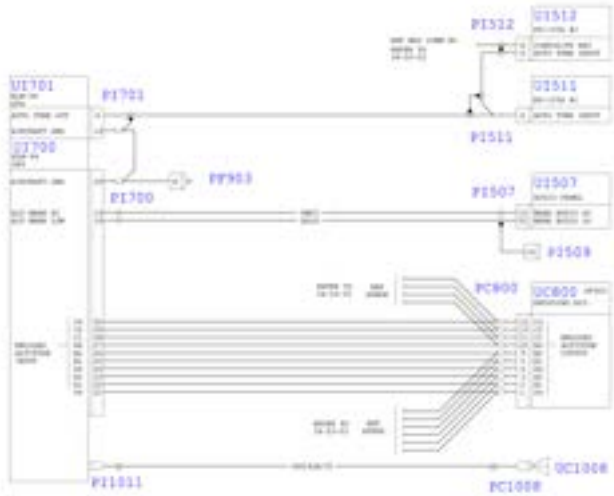
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Figure 01 : Sheet 01 : KLN-94 GLOBAL POSITIONING SYSTEM-NAV I



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Figure 01 : Sheet 02 : KLN-94 GLOBAL POSITIONING SYSTEM-NAV I



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KLN-94 GLOBAL POSITIONING SYSTEM-NAV I W/HSI

AIRPLANES (182) 80687 THRU 80944

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
JI901	S2350-3	CONNECTOR - AVIONICS COOLING FAN		(182) 80687 - 80944	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PC007	S1640-9	CONNECTOR - ELECTRICAL/AVIONIC DISCONNECT (ZONE 610)		(182) 80687 - 80944	01
	S1635-1	. CONTACT	V49367		AR
PF903	SK2701	CONNECTOR (ZONE 221)	V28198	(182) 80687 - 80944	01
	FC120N2	. CONTACT	V28198		AR
PI700	050-03321-0000	CONNECTOR - KLN-89B GPS (ZONE 225)	V22373	(182) 80687 - 80944	01
	030-03271-0000	. CONNECTOR	V22373		01
PI701	050-03321-0000	CONNECTOR - KLN-89B GPS (ZONE 225)	V22373	(182) 80687 - 80944	01
PI702	RD25F00JVL0	CONNECTOR - GPS SELECTOR (ZONE 225)	V28198	(182) 80004 - 80944	01
	FC6020D	. CONTACT	V28198		AR
PI704	RD50F10JVL0	CONNECTOR KIT - GPS SWITCHING UNIT (ZONE 225)	V28198	(182) 80687 - 80944	01
PI705	RD50M10JVL0	CONNECTOR KIT - GPS SELECTOR (ZONE 225)	V28198	(182) 80687 - 80944	01
PI900	S3070-9	CONNECTOR (ZONE 225)	V49367	(182) 80687 - 80944	01
	LMD6106P	. BUSSING MODULE	V49367		01
	S2353-5	. PIN			AR
	LMS01T-TL	. SPLICE CONNECTOR	V49367		01
UI700		RECEIVER - KLN-89 GPS			RF
UI701		GPS RECEIVER - KLN-94			RF
UI702		MODE SELECTOR - GPS			RF
UI704		SWITCHING UNIT - NAVIGATION			RF
UI705		SWITCHING UNIT - NAVIGATION			RF

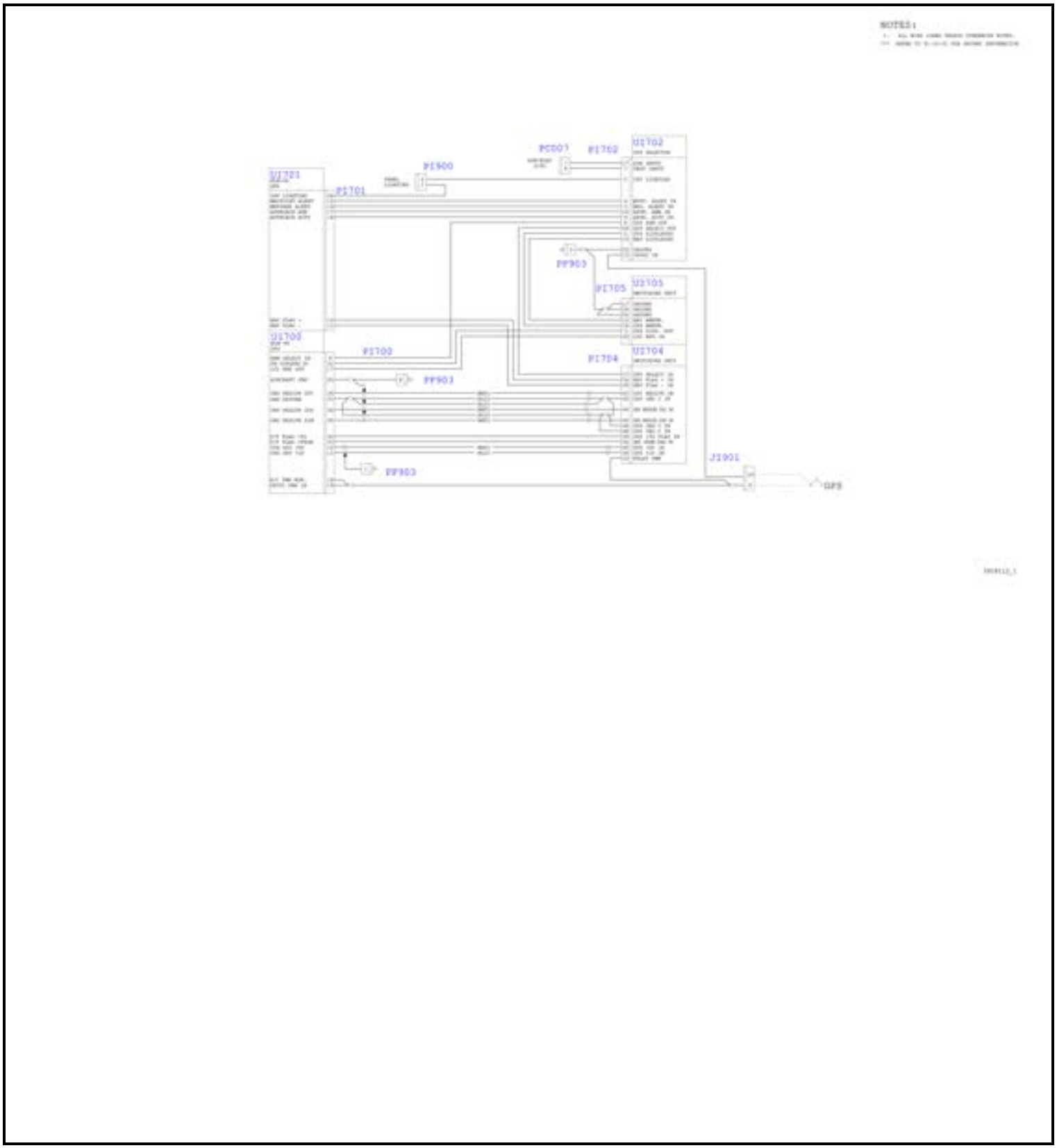
KLN-94 GLOBAL POSITIONING SYSTEM-NAV I W/HSI

AIRPLANES (182) 80687 THRU 80944

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
PC800	M24308/2-2	CONNECTOR - ENCODING ALTIMETER (ZONE 220)	V49367	(182) 80687 - 80944	01
	S2492-1	. CLAMP			01
	M24308/25-9	. LOCK ASSEMBLY			01
PC1008	225555-6	CONNECTOR - NAV/COMM 1 COAX (ZONE 225)	V00779	(182) 80687 - 80944	01
	79125	. ADAPTER	V74868		01
PI507	050-03392-0000	CONNECTOR - AUDIO PANEL (ZONE 225)	V22373	(182) 80687 - 80944	01
PI509	030-01094-0004	GROUND CONNECTOR (ZONE 210)	V22373	(182) 80687 - 80944	01
PI511	050-03378-0000	CONNECTOR - KX155A NAV/COMM (ZONE 225)	V22373	(182) 80687 - 80944	01
	050-03378-0000	. CONNECTOR KIT	V22373		01
PI512	050-03378-0001	CONNECTOR - KX155A NAV/COMM (ZONE 225)	V22373	(182) 80687 - 80944	01
PI700	050-03321-0000	CONNECTOR - KLN-89B GPS (ZONE 225)	V22373	(182) 80687 - 80944	01
	030-03271-0000	. CONNECTOR	V22373		01
PI701	050-03321-0000	CONNECTOR - KLN-89B GPS (ZONE 225)	V22373	(182) 80687 - 80944	01
PI1011	050-03321-0000	CONNECTOR - GPS RECEIVER (ZONE 225)	V22373	(182) 80687 - 80944	01
	030-00101-0002	. CONNECTOR	V22373		01
UC800		TRANSPONDER			RF
UC1008		ANTENNA - GPS			RF
UI507		PANEL - KMA-26 AUDIO			RF
UI511		RECEIVER - NAV/COM			RF
UI512		NAV/COMM - KX-155A (ZONE 210)			RF
UI700		RECEIVER - KLN-89 GPS			RF
UI701		GPS RECEIVER - KLN-94			RF

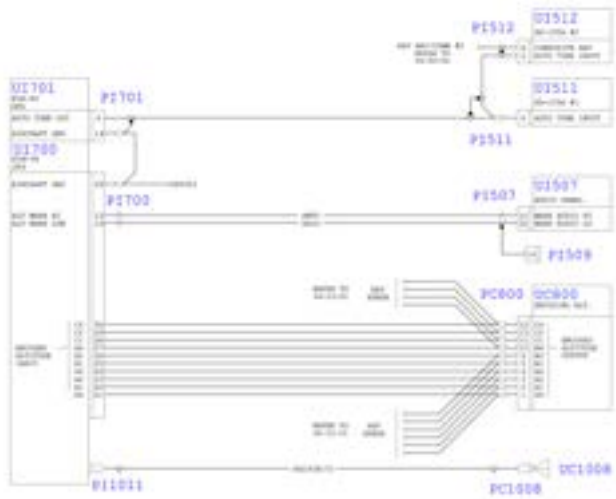
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Figure 02 : Sheet 01 : KLN-94 GLOBAL POSITIONING SYSTEM-NAV I W/HSI



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Figure 02 : Sheet 02 : KLN-94 GLOBAL POSITIONING SYSTEM-NAV I W/HSI



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KLN-94 GLOBAL POSITIONING SYSTEM W/HSI

AIRPLANES (182) 81103 & ON AND AIRPLANES (T182) 08139 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
JI901	S2353-5	PIN		(182) 81103 & ON (T182) 08139 & ON	01
PC007	S1635-1	CONNECTOR	V49367	(182) 81103 & ON (T182) 08139 & ON	01
PF903	SK2701	CONNECTOR (ZONE 221)	V28198	(182) 81103 & ON (T182) 08139 & ON	01
	FC120N2	. CONTACT	V28198		AR
PI700	030-03271-0000	CONNECTOR NOTE: PART OF INSTALLATION KIT 050-03321-0000	V22373	(182) 81103 & ON (T182) 08139 & ON	01
PI701	030-03272-0000	CONNECTOR NOTE: PART OF INSTALLATION KIT 050-03321-0000	V22373	(182) 81103 & ON (T182) 08139 & ON	01
PI704	RD50F10JVL0	CONNECTOR KIT - GPS SWITCHING UNIT (ZONE 225)	V28198	(182) 81103 & ON (T182) 08139 & ON	01
PI705	RD50M10JVL0	CONNECTOR KIT - GPS SELECTOR (ZONE 225)	V28198	(182) 81103 & ON (T182) 08139 & ON	01
PI706	RD15F00JVL0	CONNECTOR	V28198	(182) 81103 & ON (T182) 08139 & ON	01
	FC6020D	. CONTACT	V28198		AR
PI900	S3070-9	CONNECTOR (ZONE 225)	V49367	(182) 81103 & ON (T182) 08139 & ON	01
	LMD6106P	. BUSSING MODULE	V49367		01
	S2353-5	. PIN			AR
	LMS01T-TL	. SPLICE CONNECTOR	V49367		01

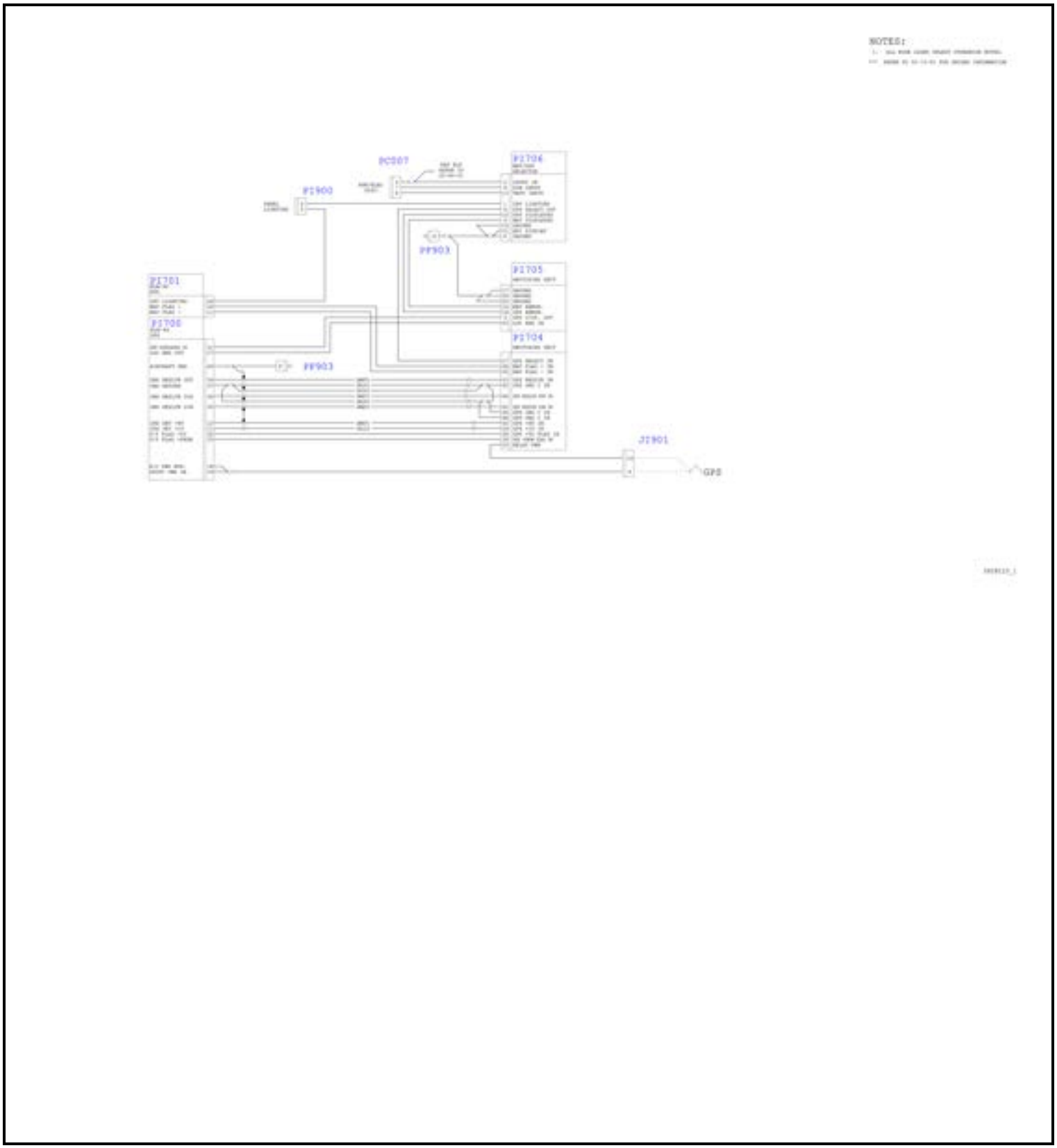
KLN-94 GLOBAL POSITIONING SYSTEM W/HSI

AIRPLANES (182) 81103 & ON AND AIRPLANES (T182) 08139 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
PC800	M24308/2-2	CONNECTOR - ENCODING ALTIMETER (ZONE 220)	V49367	(182) 81103 & ON (T182) 08139 & ON	01
	S2492-1	. CLAMP			01
	M24308/25-9	. LOCK ASSEMBLY			01
PC1008	225555-6	CONNECTOR - NAV/COMM 1 COAX (ZONE 225)	V00779	(182) 81103 & ON (T182) 08139 & ON	01
	79125	. ADAPTER	V74868		01
PI511	050-03378-0000	CONNECTOR - KX155A NAV/COMM (ZONE 225)	V22373	(182) 81103 & ON (T182) 08139 & ON	01
	050-03378-0000	. CONNECTOR KIT	V22373		01
PI519	050-03378-0000	CONNECTOR - KX-155 NAV/COMM 2 (ZONE 225)	V22373	(182) 81103 & ON (T182) 08139 & ON	01
	030-01094-0088	. CONNECTOR	V22373		AR
PI700	030-03271-0000	CONNECTOR NOTE: PART OF INSTALLATION KIT 050-03321-0000	V22373	(182) 81103 & ON (T182) 08139 & ON	01
PI701	030-03272-0000	CONNECTOR NOTE: PART OF INSTALLATION KIT 050-03321-0000	V22373	(182) 81103 & ON (T182) 08139 & ON	01
PI1011	030-00101-0002	CONNECTOR NOTE: PART OF INSTALLATION KIT 050-03321-0000	V22373	(182) 81103 & ON (T182) 08139 & ON	01

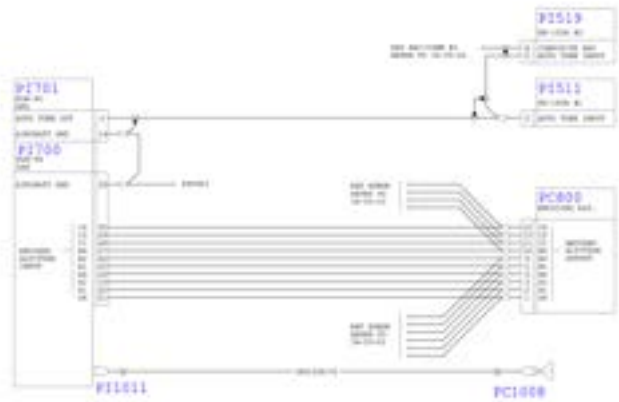
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Figure 03 : Sheet 01 : KLN-94 GLOBAL POSITIONING SYSTEM W/HSI



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Figure 03 : Sheet 02 : KLN-94 GLOBAL POSITIONING SYSTEM W/HSI



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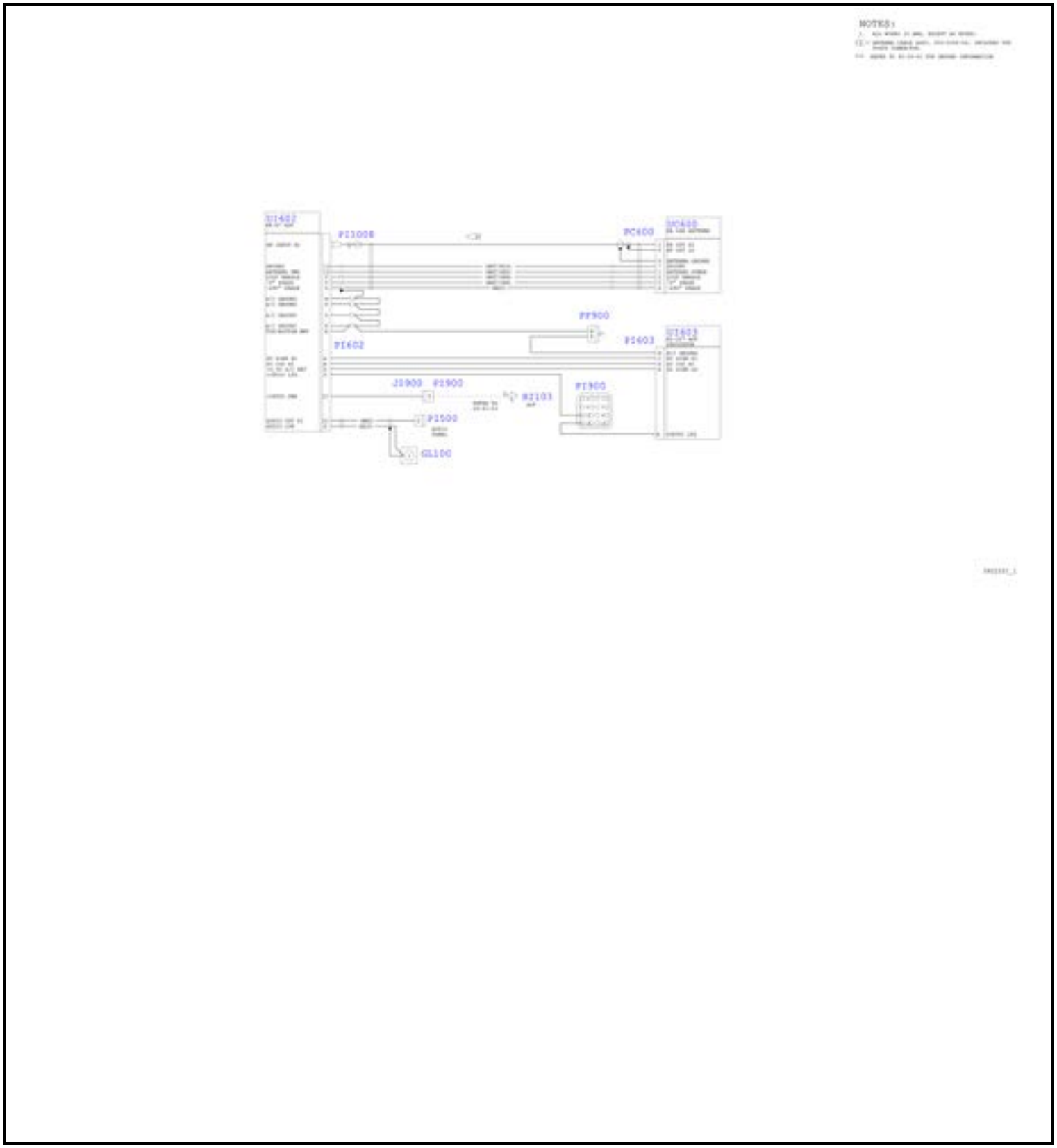
KR-87 AUTOMATIC DIRECTION FINDER W/KI227 INDICATOR-STANDARD

AIRPLANES (182) 80001 THRU 80003

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GL100	008-0041-00	GROUND STUD (ZONE 225)	V22373	(182) 80001 - 80003	01
HI103	S1360-5L	CIRCUIT BREAKER (ZONE 224)		(182) 80001 - 80003	01
JZ900	S2350-3	CONNECTOR (ZONE 220/225)		(182) 80001 - 80003	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PC600	200-2586-04	CONNECTOR KIT - KA-44B ANTENNA (ZONE 210)	V22373	(182) 80001 - 80003	01
	050-01756-0004	. CONNECTOR KIT	V22373		01
PF900	S2526-1	CONNECTOR	V00779	(182) 80001 - 80003	01
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
PI500	030-1094-58	CONNECTOR - AUDIO PANEL (ZONE 225)	V22373	(182) 80001 - 80003	01
	030-1107-46	. CONTACT	V22373		AR
PI602	09-50-6155	CONNECTOR - KR-87 ADF (ZONE 225)	V98410	(182) 80001 - 80003	01
	08-05-0302	. CONTACT	V98410		AR
	15-04-0233	. POLARIZING PIN	V98410		AR
PI603	030-2000-00	CONNECTOR - KI-227 ADF INDICATOR (ZONE 225)	V22373	(182) 80001 - 80003	01
	050-01808-0001	. CONNECTOR KIT	V22373		01
	030-1009-00	. HOOD	V22373		01
	030-1008-00	. LEVER	V22373		01
PI900	S3070-9	CONNECTOR (ZONE 225)	V49367	(182) 80001 - 80003	01
	LMD6106P	. BUSSING MODULE	V49367		01
	S2353-5	. PIN			AR
	LMS01T-TL	. SPLICE CONNECTOR	V49367		01
PI1008	030-0101-00	CONNECTOR - ADF COAX (ZONE 225)	V22373	(182) 80001 - 80003	01
	076-01042-0001	. FERRULE	V22373		AR
PZ900	S2349-1	CONNECTOR - AVIONICS CIRCUIT BREAKER	V00779	(182) 80001 - 80003	01
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
UC600		ANTENNA - KA-44B ADF			RF
UI602		RECEIVER - KR-87 ADF			RF
UI603		ADF INDICATOR - KI-227			RF

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Figure 01 : Sheet 01 : KR-87 AUTOMATIC DIRECTION FINDER W/KI227 INDICATOR-STANDARD



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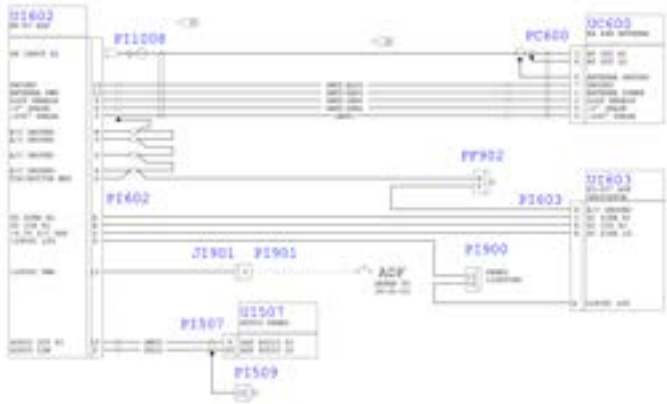
KR-87 AUTOMATIC DIRECTION FINDER W/KI227 INDICATOR-NAV I, NAV I W/HSI

AIRPLANES (182) 80004 THRU 80944

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
JI901	S2350-3	CONNECTOR - AVIONICS COOLING FAN		(182) 80004 - 80944	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PC600	200-2586-04	CONNECTOR KIT - KA-44B ANTENNA (ZONE 210)	V22373	(182) 80004 - 80944	01
	050-01756-0004	. CONNECTOR KIT	V22373		01
PF902	SK2701	CONNECTOR (ZONE 221)	V28198	(182) 80004 - 80944	01
	FC120N2	. CONTACT	V28198		AR
PI507	050-03392-0000	CONNECTOR - AUDIO PANEL (ZONE 225)	V22373	(182) 80004 - 80944	01
PI509	030-01094-0004	GROUND CONNECTOR (ZONE 210)	V22373	(182) 80004 - 80944	01
PI602	09-50-6155	CONNECTOR - KR-87 ADF (ZONE 225)	V98410	(182) 80004 - 80944	01
	08-05-0302	. CONTACT	V98410		AR
	15-04-0233	. POLARIZING PIN	V98410		AR
PI603	030-2000-00	CONNECTOR - KI-227 ADF INDICATOR (ZONE 225)	V22373	(182) 80004 - 80944	01
	050-01808-0001	. CONNECTOR KIT	V22373		01
	030-1009-00	. HOOD	V22373		01
	030-1008-00	. LEVER	V22373		01
PI900	S3070-9	CONNECTOR (ZONE 225)	V49367	(182) 80004 - 80944	01
	LMD6106P	. BUSSING MODULE	V49367		01
	S2353-5	. PIN			AR
	LMS01T-TL	. SPLICE CONNECTOR	V49367		01
PI901	S2349-1	CONNECTOR (ZONE 224)	V00779	(182) 80004 - 80944	01
	S2099-3	. CONTACT			AR
PI1008	030-0101-00	CONNECTOR - ADF COAX (ZONE 225)	V22373	(182) 80004 - 80944	01
	076-01042-0001	. FERRULE	V22373		AR
UC600		ANTENNA - KA-44B ADF			RF
UI507		PANEL - KMA-26 AUDIO			RF
UI602		RECEIVER - KR-87 ADF			RF
UI603		ADF INDICATOR - KI-227			RF

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Figure 02 : Sheet 01 : KR-87 AUTOMATIC DIRECTION FINDER W/KI227 INDICATOR-NAV I, NAV I W/HSI



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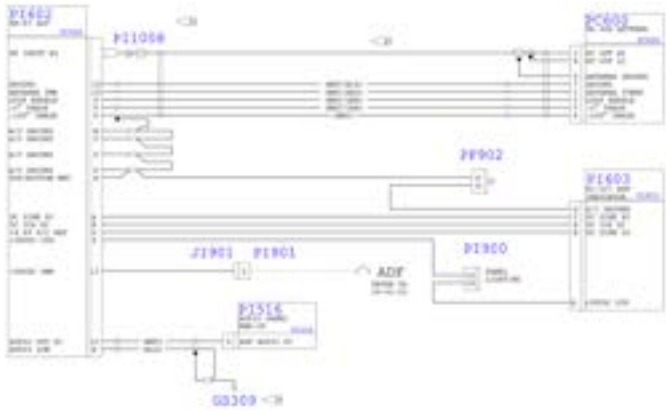
KR-87 AUTOMATIC DIRECTION FINDER-NAV I, NAV II

AIRPLANES (182) 80945 THRU 81740 AND AIRPLANES (T182) 08001 THRU 08479

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GS309		GROUND (ZONE 210)			RF
JI901	S2350-3	CONNECTOR - AVIONICS COOLING FAN		(182) 80945 - 81740 (T182) 08001 - 08479	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PC600	200-2586-04	CONNECTOR KIT - KA-44B ANTENNA (ZONE 210)	V22373	(182) 80945 - 81740 (T182) 08001 - 08479	01
	050-01756-0004	. CONNECTOR KIT	V22373		01
PF902	SK2701	CONNECTOR (ZONE 221)	V28198	(182) 80945 - 81740 (T182) 08001 - 08479	01
	FC120N2	. CONTACT	V28198		AR
PI516	050-03613-0001	CONNECTOR KIT - AUDIO PANEL (ZONE 225)	V22373	(182) 80945 - 81740 (T182) 08001 - 08479	01
	030-01094-0058	. CONNECTOR	V22373		01
PI602	09-50-6155	CONNECTOR - KR-87 ADF (ZONE 225)	V98410	(182) 80945 - 81740 (T182) 08001 - 08479	01
	08-05-0302	. CONTACT	V98410		AR
	15-04-0233	. POLARIZING PIN	V98410		AR
PI603	030-2000-00	CONNECTOR - KI-227 ADF INDICATOR (ZONE 225)	V22373	(182) 80945 - 81740 (T182) 08001 - 08479	01
	050-01808-0001	. CONNECTOR KIT	V22373		01
	030-1009-00	. HOOD	V22373		01
	030-1008-00	. LEVER	V22373		01
PI900	S3070-9	CONNECTOR (ZONE 225)	V49367	(182) 80945 - 81740 (T182) 08001 - 08479	01
	LMD6106P	. BUSSING MODULE	V49367		01
	S2353-5	. PIN			AR
	LMS01T-TL	. SPLICE CONNECTOR	V49367		01
PI901	S2349-1	CONNECTOR (ZONE 224)	V00779	(182) 80945 - 81740 (T182) 08001 - 08479	01
	S2099-3	. CONTACT			AR
PI1008	030-0101-00	CONNECTOR - ADF COAX (ZONE 225)	V22373	(182) 80945 - 81740 (T182) 08001 - 08479	01
	076-01042-0001	. FERRULE	V22373		AR
UC600		ANTENNA - KA-44B ADF			RF
UI516		AUDIO PANEL - KMA28			RF
UI602		RECEIVER - KR-87 ADF			RF
UI603		ADF INDICATOR - KI-227			RF

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Figure 03 : Sheet 01 : KR-87 AUTOMATIC DIRECTION FINDER-NAV I, NAV II



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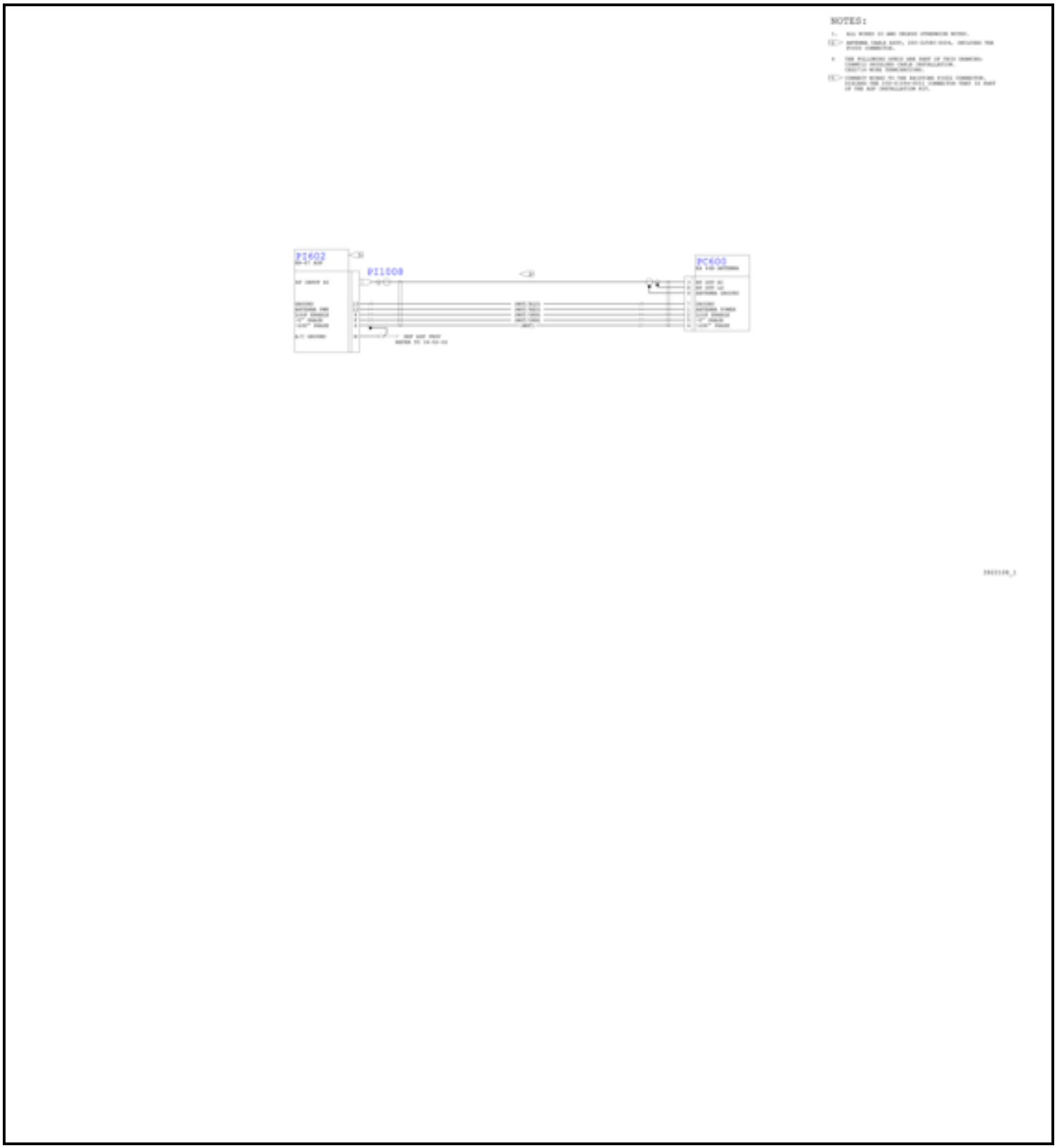
KR-87 AUTOMATIC DIRECTION FINDER

AIRPLANES (182) 81741 & ON AND AIRPLANES (T182) 08480 & ON WITH NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
PC600	200-2586-04	CONNECTOR KIT - KA-44B ANTENNA (ZONE 210)	V22373	(182) 81741 & ON (T182) 08480 & ON	01
	050-01756-0004	. CONNECTOR KIT	V22373		01
PI602	09-50-6155	CONNECTOR - KR-87 ADF (ZONE 225)	V98410	(182) 81741 & ON (T182) 08480 & ON	01
	08-05-0302	. CONTACT	V98410		AR
	15-04-0233	. POLARIZING PIN	V98410		AR
PI1008	030-0101-00	CONNECTOR - ADF COAX (ZONE 225)	V22373	(182) 81741 & ON (T182) 08480 & ON	01
	076-01042-0001	. FERRULE	V22373		AR

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Figure 04 : Sheet 01 : KR-87 AUTOMATIC DIRECTION FINDER



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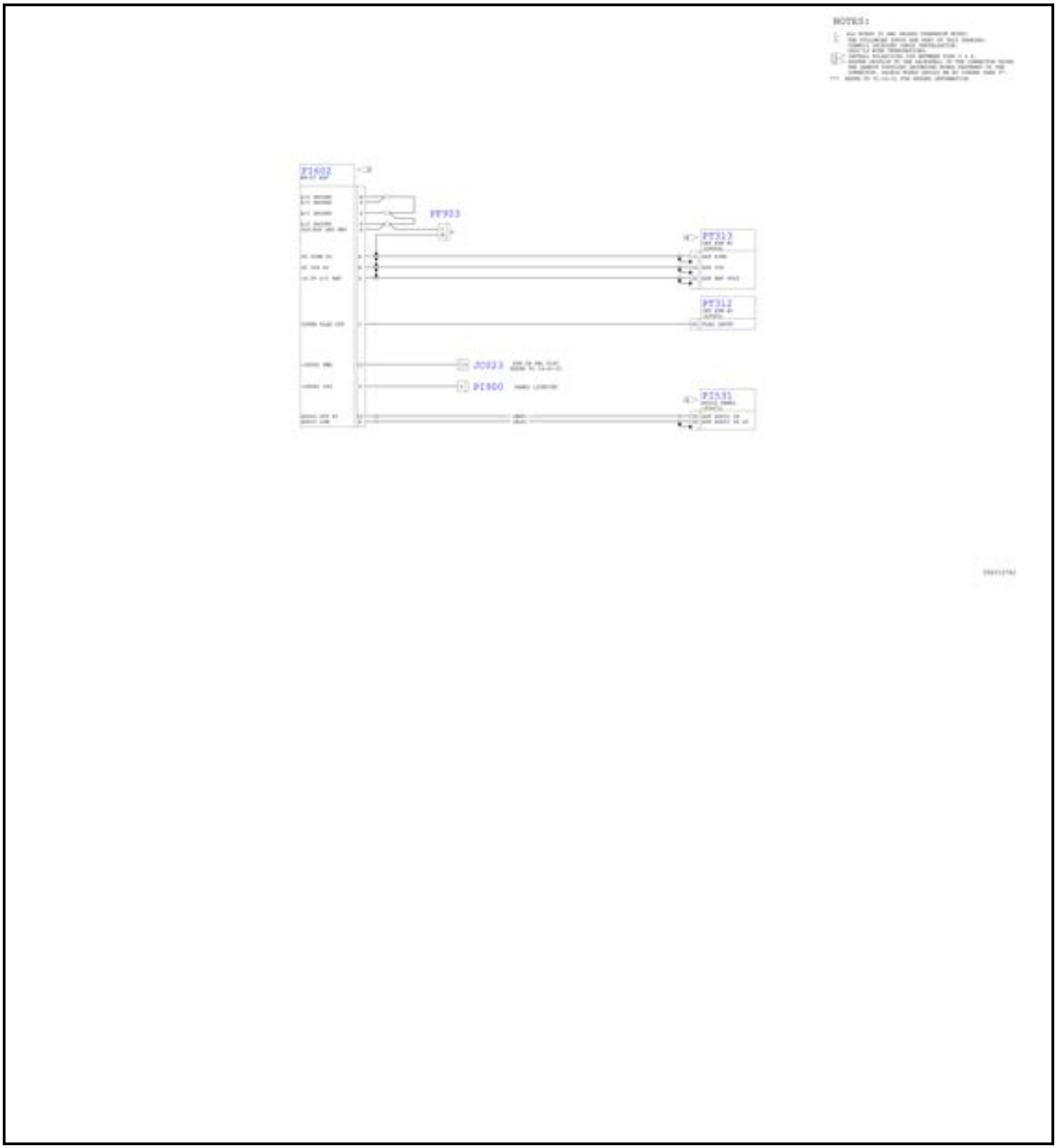
KR-87 AUTOMATIC DIRECTION FINDER PROVISIONS

AIRPLANES (182) 81741 THRU 81875 AND AIRPLANES (T182) 08480 THRU 08668

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
JC023	S2350-10	RECEPTACLE		(182) 81741 - 81875 (T182) 08480 - 08668	01
	S2353-4	. CONTACT			AR
	S2353-5	. PIN			AR
	S2353-7	. PIN			AR
PF903	SK2701	CONNECTOR (ZONE 221)	V28198	(182) 81741 - 81875 (T182) 08480 - 08668	01
	FC120N2	. CONTACT	V28198		AR
PI531	330-00185-78	CONNECTOR - AUDIO PANEL DISCONNECT (ZONE 225)	V0TRC3	(182) 81741 - 81875 (T182) 08480 - 08668	01
PI602	09-50-6155	CONNECTOR - KR-87 ADF (ZONE 225)	V98410	(182) 81741 - 81875 (T182) 08480 - 08668	01
	08-05-0302	. CONTACT	V98410		AR
	15-04-0233	. POLARIZING PIN	V98410		AR
PI900	S3070-9	CONNECTOR (ZONE 225)	V49367	(182) 81741 - 81875 (T182) 08480 - 08668	01
	LMD6106P	. BUSSING MODULE	V49367		01
	S2353-5	. PIN			AR
	LMS01T-TL	. SPLICE CONNECTOR	V49367		01
PT312		CONNECTOR			RF
PT313	330-00185-78	CONNECTOR	V0TRC3	(182) 81741 - 81875 (T182) 08480 - 08668	01

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Figure 01 : Sheet 01 : KR-87 AUTOMATIC DIRECTION FINDER PROVISIONS



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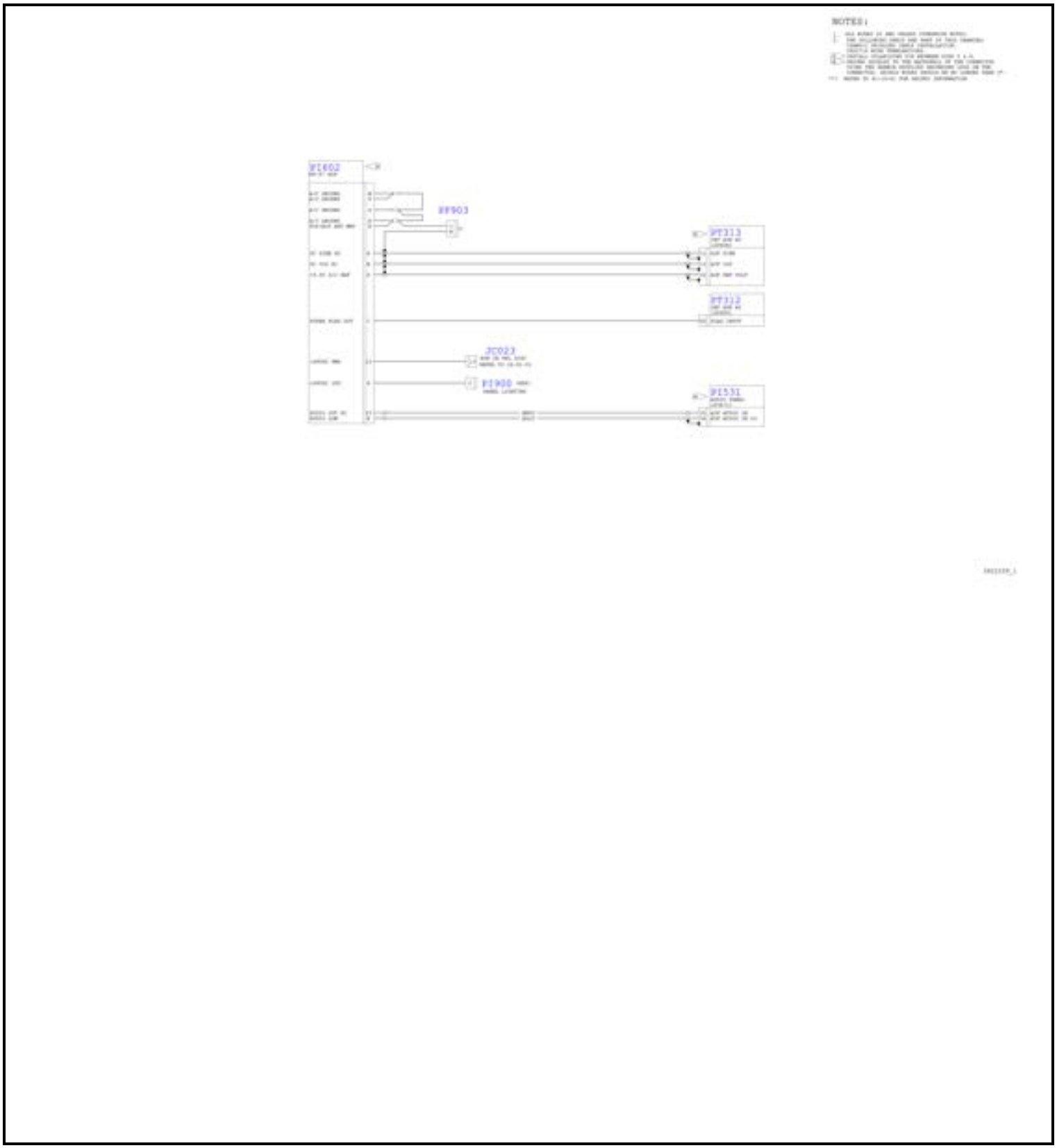
KR-87 AUTOMATIC DIRECTION FINDER PROVISIONS-NAV III, NAV III W/ADF

AIRPLANES (182) 81876 & ON AND AIRPLANES (T182) 08669 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
JC023	S2350-10	RECEPTACLE		(182) 81876 & ON (T182) 08669 & ON	01
	S2353-4	. CONTACT			AR
	S2353-5	. PIN			AR
	S2353-7	. PIN			AR
PF903	SK2701	CONNECTOR (ZONE 221)	V28198	(182) 81876 & ON (T182) 08669 & ON	01
	FC120N2	. CONTACT	V28198		AR
PI531	330-00185-78	CONNECTOR - AUDIO PANEL DISCONNECT (ZONE 225)	V0TRC3	(182) 81876 & ON (T182) 08669 & ON	01
PI602	09-50-6155	CONNECTOR - KR-87 ADF (ZONE 225)	V98410	(182) 81876 & ON (T182) 08669 & ON	01
	08-05-0302	. CONTACT	V98410		AR
	15-04-0233	. POLARIZING PIN	V98410		AR
PI900	S3070-9	CONNECTOR (ZONE 225)	V49367	(182) 81876 & ON (T182) 08669 & ON	01
	LMD6106P	. BUSSING MODULE	V49367		01
	S2353-5	. PIN			AR
	LMS01T-TL	. SPLICE CONNECTOR	V49367		01
PT312		CONNECTOR			RF
PT313	330-00185-78	CONNECTOR	V0TRC3	(182) 81876 & ON (T182) 08669 & ON	01

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Figure 02 : Sheet 01 : KR-87 AUTOMATIC DIRECTION FINDER PROVISIONS-NAV III, NAV III W/ADF



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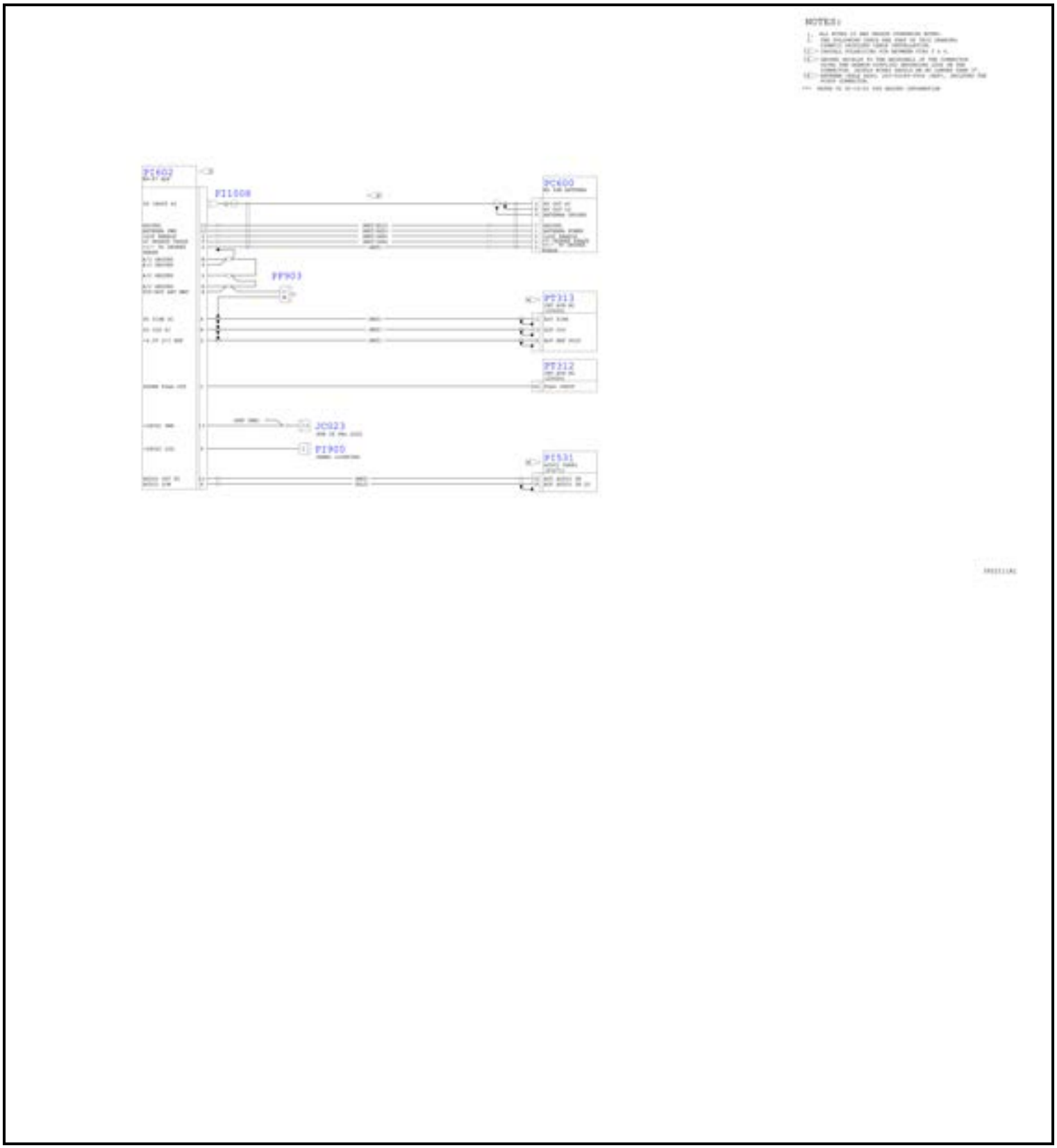
KR-87 AUTOMATIC DIRECTION FINDER WITH NAV III

AIRPLANES (182) 82330 & ON AND AIRPLANES (T182) 09071 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
JC023	S2350-10	RECEPTACLE		(182) 82330 & ON (T182) 09071 & ON	01
	S2353-4	. CONTACT			AR
	S2353-5	. PIN			AR
	S2353-7	. PIN			AR
PC600	200-2586-04	CONNECTOR KIT - KA-44B ANTENNA (ZONE 210)	V22373	(182) 82330 & ON (T182) 09071 & ON	01
	050-01756-0004	. CONNECTOR KIT	V22373		01
PF903	SK2701	CONNECTOR (ZONE 221)	V28198	(182) 82330 & ON (T182) 09071 & ON	01
	FC120N2	. CONTACT	V28198		AR
PI531	330-00185-78	CONNECTOR - AUDIO PANEL DISCONNECT (ZONE 225)	V0TRC3	(182) 82330 & ON (T182) 09071 & ON	01
PI602	09-50-6155	CONNECTOR - KR-87 ADF (ZONE 225)	V98410	(182) 82330 & ON (T182) 09071 & ON	01
	08-05-0302	. CONTACT	V98410		AR
	15-04-0233	. POLARIZING PIN	V98410		AR
PI900	S3070-9	CONNECTOR (ZONE 225)	V49367	(182) 82330 & ON (T182) 09071 & ON	01
	LMD6106P	. BUSSING MODULE	V49367		01
	S2353-5	. PIN			AR
	LMS01T-TL	. SPLICE CONNECTOR	V49367		01
PI1008	030-0101-00	CONNECTOR - ADF COAX (ZONE 225)	V22373	(182) 82330 & ON (T182) 09071 & ON	01
	076-01042-0001	. FERRULE	V22373		AR
PT312		CONNECTOR			RF
PT313	330-00185-78	CONNECTOR	V0TRC3	(182) 82330 & ON (T182) 09071 & ON	01

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Figure 01 : Sheet 01 : KR-87 AUTOMATIC DIRECTION FINDER WITH NAV III



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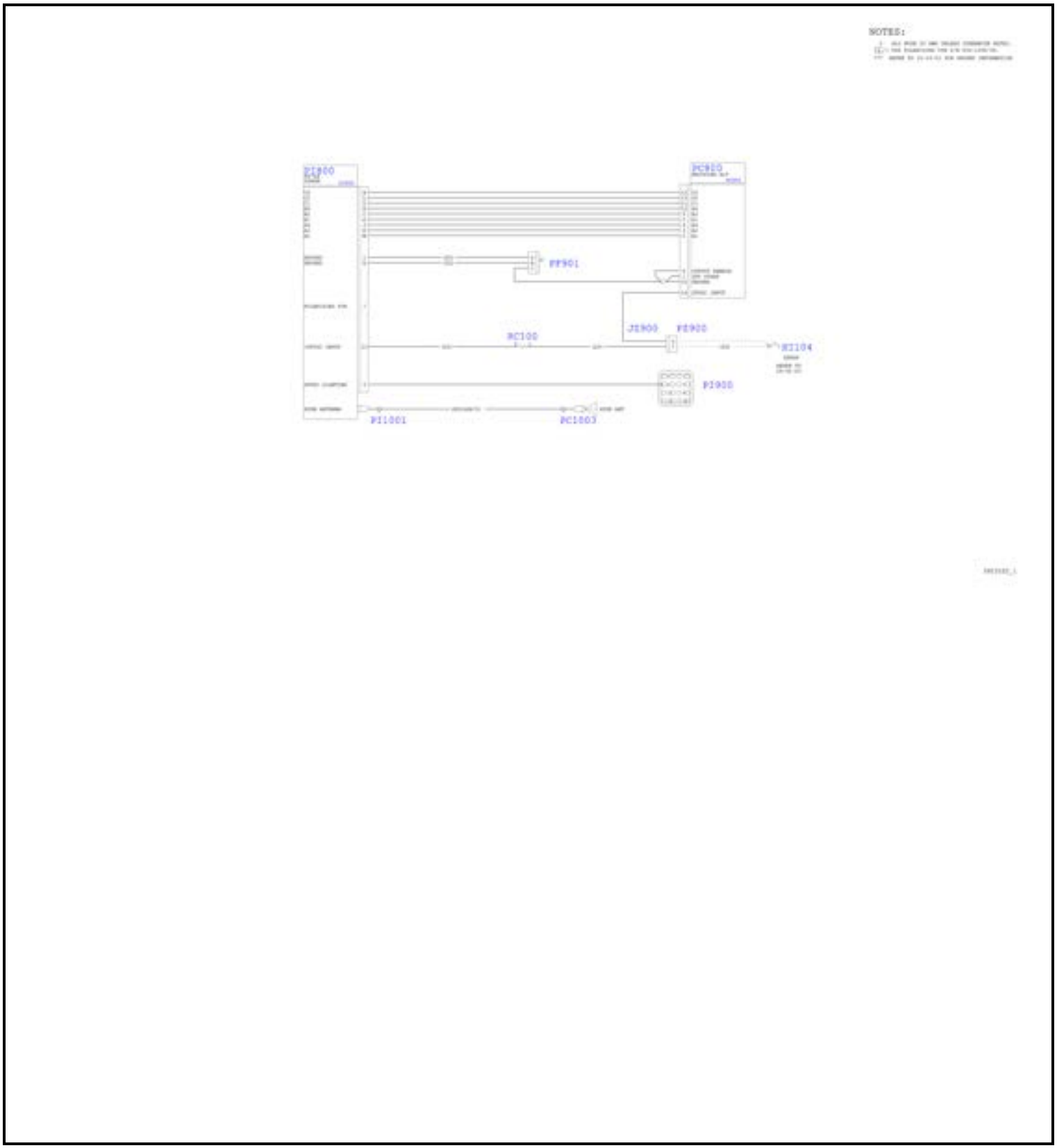
KT-76A TRANSPONDER-STANDARD

AIRPLANES (182) 80001 THRU 80003

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
HI104	S1360-5L	CIRCUIT BREAKER (ZONE 224)		(182) 80001 - 80003	01
JZ900	S2350-3	CONNECTOR (ZONE 220/225)		(182) 80001 - 80003	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PC800	M24308/2-2	CONNECTOR - ENCODING ALTIMETER (ZONE 220)	V49367	(182) 80001 - 80003	01
	S2492-1	. CLAMP			01
	M24308/25-9	. LOCK ASSEMBLY			01
PC1003	030-0005-00	CONNECTOR - ANTENNA (ZONE 310)	V22373	(182) 80001 - 80003	01
PF901	S2526-1	CONNECTOR (ZONE 221)	V00779	(182) 80001 - 80003	01
	S2099-4	. CONTACT	V00779		AR
PI800	030-1094-02	CONNECTOR KIT - TRANSPONDER (ZONE 225)	V22373	(182) 80001 - 80003	01
	030-01107-0030	. CONTACT	V22373		AR
	030-1096-00	. POLARIZING PIN	V22373		AR
PI900	S3070-9	CONNECTOR (ZONE 225)	V49367	(182) 80001 - 80003	01
	LMD6106P	. BUSSING MODULE	V49367		01
	S2353-5	. PIN			AR
	LMS01T-TL	. SPLICE CONNECTOR	V49367		01
PI1001	030-0101-02	TERMINAL - TRANSPONDER COAX (ZONE 225)	V22373	(182) 80001 - 80003	01
PZ900	S2349-1	CONNECTOR - AVIONICS CIRCUIT BREAKER	V00779	(182) 80001 - 80003	01
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
RC100		CONNECTOR			RF
UC800		TRANSPONDER			RF
UI800		TRANSPONDER			RF

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Figure 01 : Sheet 01 : KT-76A TRANSPONDER-STANDARD



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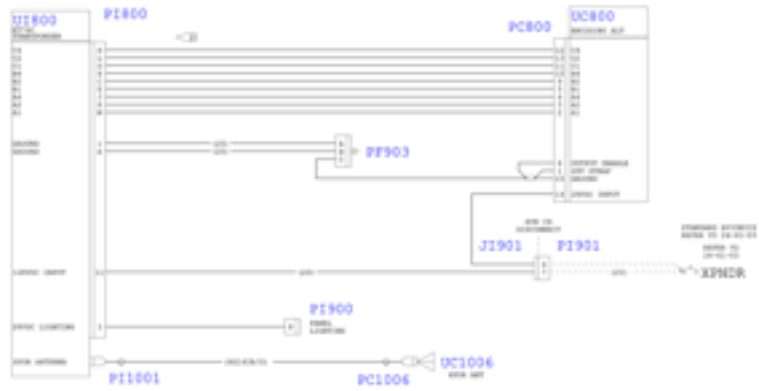
KT-76C TRANSPONDER

AIRPLANES (182) 80004 THRU 80944 AND AIRPLANES (182) 08004 THRU 80686 WITH NAV I OPTION AND AIRPLANES (182) 80454 THRU 80686 WITH HSI OPTION AND NAV I OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
JI901	S2350-3	CONNECTOR - AVIONICS COOLING FAN		(182) 08004 - 80944	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PC800	M24308/2-2	CONNECTOR - ENCODING ALTIMETER (ZONE 220)	V49367	(182) 08004 - 80944	01
	S2492-1	. CLAMP			01
	M24308/25-9	. LOCK ASSEMBLY			01
PC1006	UG913A/U	COAX CONNECTOR (ZONE 310)	V07688	(182) 08004 - 80944	01
PF903	SK2701	CONNECTOR (ZONE 221)	V28198	(182) 08004 - 80944	01
	FC120N2	. CONTACT	V28198		AR
PI800	030-1094-02	CONNECTOR KIT - TRANSPONDER (ZONE 225)	V22373	(182) 08004 - 80944	01
	030-01107-0030	. CONTACT	V22373		AR
	030-1096-00	. POLARIZING PIN	V22373		AR
PI900	S3070-9	CONNECTOR (ZONE 225)	V49367	(182) 08004 - 80944	01
	LMD6106P	. BUSSING MODULE	V49367		01
	S2353-5	. PIN			AR
	LMS01T-TL	. SPLICE CONNECTOR	V49367		01
PI901	S2349-1	CONNECTOR (ZONE 224)	V00779	(182) 08004 - 80944	01
	S2099-3	. CONTACT			AR
PI1001	030-00101-0002	CONNECTOR - TRANSPONDER COAX (ZONE 225)	V22373	(182) 80004 & ON	01
UC800		TRANSPONDER			RF
UC1006		ANTENNA - TRANSPONDER			RF
UI800		TRANSPONDER			RF

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Figure 02 : Sheet 01 : KT-76C TRANSPONDER



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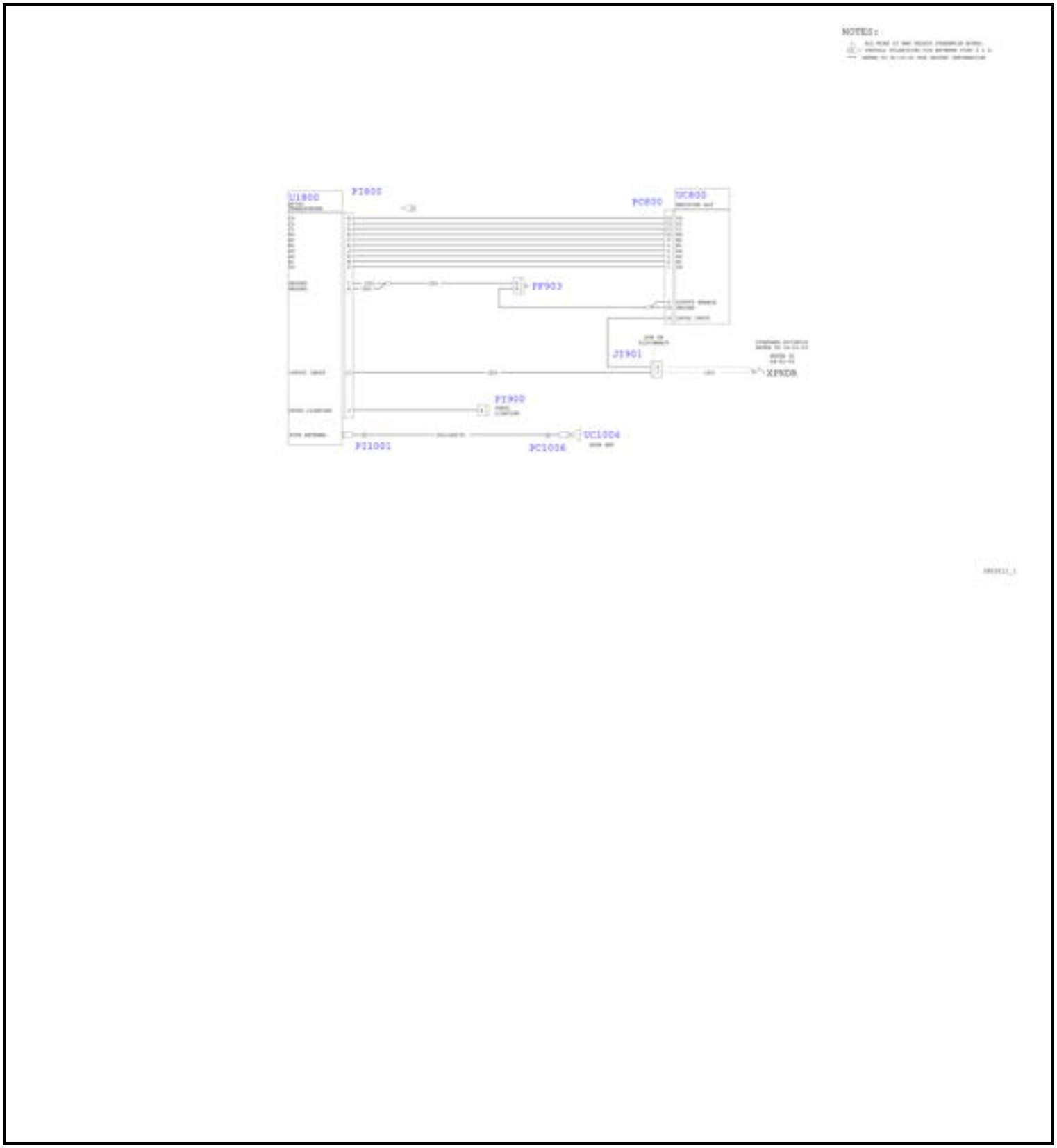
KT-76C TRANSPONDER-NAV I,NAV I W/HSI

AIRPLANES (182) 80687 THRU 80944

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
JI901	S2350-3	CONNECTOR - AVIONICS COOLING FAN		(182) 80687 - 80944	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PC800	M24308/2-2	CONNECTOR - ENCODING ALTIMETER (ZONE 220)	V49367	(182) 80687 - 80944	01
	S2492-1	. CLAMP			01
	M24308/25-9	. LOCK ASSEMBLY			01
PC1006	UG913A/U	COAX CONNECTOR (ZONE 310)	V07688	(182) 80687 - 80944	01
PF903	SK2701	CONNECTOR (ZONE 221)	V28198	(182) 80687 - 80944	01
	FC120N2	. CONTACT	V28198		AR
PI800	030-1094-02	CONNECTOR KIT - TRANSPONDER (ZONE 225)	V22373	(182) 80687 - 80944	01
	030-01107-0030	. CONTACT	V22373		AR
	030-1096-00	. POLARIZING PIN	V22373		AR
PI900	S3070-9	CONNECTOR (ZONE 225)	V49367	(182) 80687 - 80944	01
	LMD6106P	. BUSSING MODULE	V49367		01
	S2353-5	. PIN			AR
	LMS01T-TL	. SPLICE CONNECTOR	V49367		01
PI1001	030-00101-0002	CONNECTOR - TRANSPONDER COAX (ZONE 225)	V22373	(182) 80004 & ON	01
UC800		TRANSPONDER			RF
UC1006		ANTENNA - TRANSPONDER			RF
UI800		TRANSPONDER			RF

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Figure 03 : Sheet 01 : KT-76C TRANSPONDER-NAV I,NAV I W/HSI



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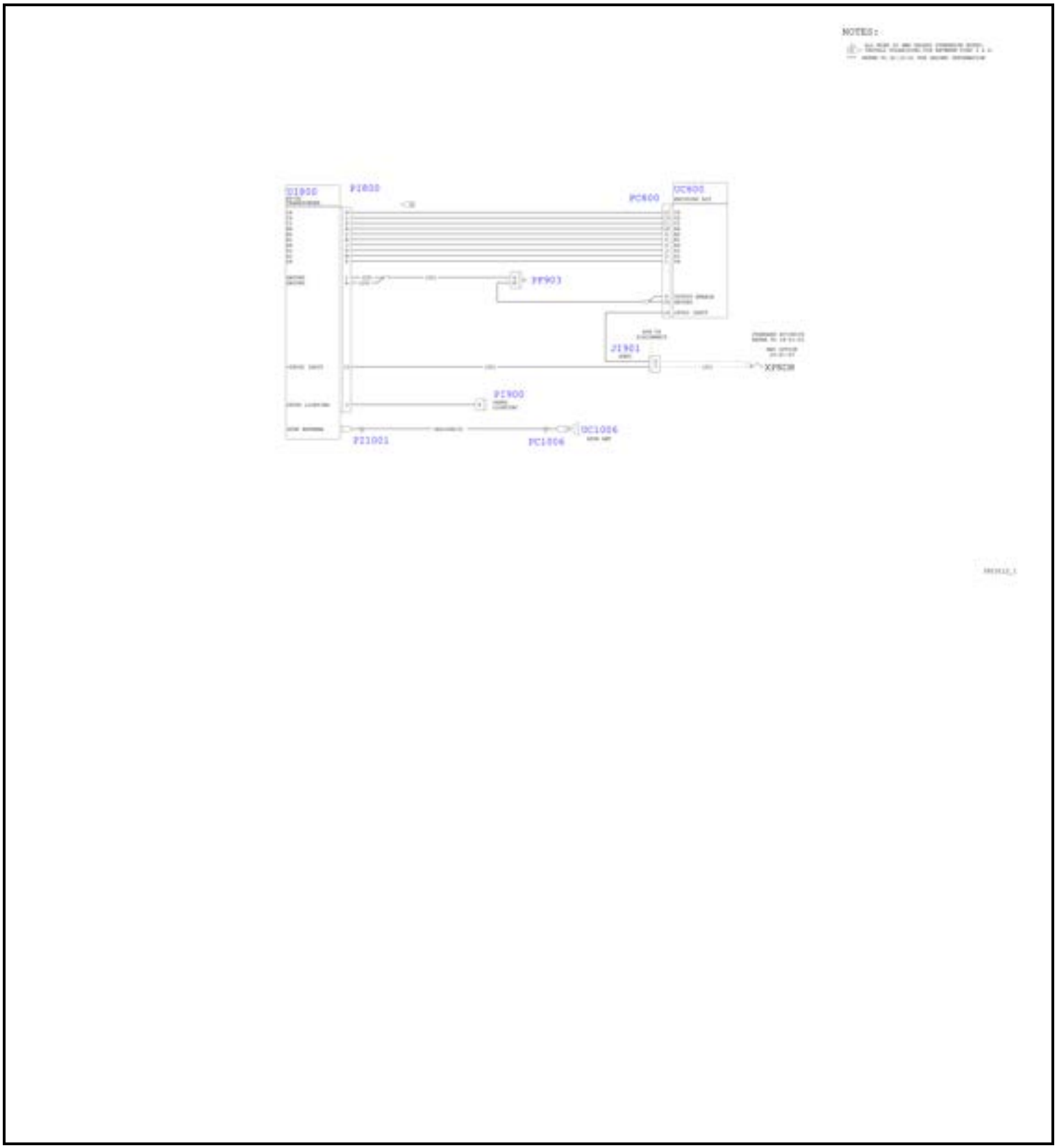
KT-76C TRANSPONDER-STANDARD,NAV I,NAV I W/ADF,NAV II,NAV II W/ADF

AIRPLANES (182) 80945 & ON AND AIRPLANES (T182) 08001 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
JI901	S2350-3	CONNECTOR - AVIONICS COOLING FAN		(182) 80945 & ON (T182) 08001 & ON	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PC800	M24308/2-2	CONNECTOR - ENCODING ALTIMETER (ZONE 220)	V49367	(182) 80945 & ON (T182) 08001 & ON	01
	S2492-1	. CLAMP			01
	M24308/25-9	. LOCK ASSEMBLY			01
PC1006	UG913A/U	COAX CONNECTOR (ZONE 310)	V07688	(182) 80945 & ON (T182) 08001 & ON	01
PF903	SK2701	CONNECTOR (ZONE 221)	V28198	(182) 80945 & ON (T182) 08001 & ON	01
	FC120N2	. CONTACT	V28198		AR
PI800	030-1094-02	CONNECTOR KIT - TRANSPONDER (ZONE 225)	V22373	(182) 80945 & ON (T182) 08001 & ON	01
	030-01107-0030	. CONTACT	V22373		AR
	030-1096-00	. POLARIZING PIN	V22373		AR
PI900	S3070-9	CONNECTOR (ZONE 225)	V49367	(182) 80945 & ON (T182) 08001 & ON	01
	LMD6106P	. BUSSING MODULE	V49367		01
	S2353-5	. PIN			AR
	LMS01T-TL	. SPLICE CONNECTOR	V49367		01
PI1001	030-00101-0002	CONNECTOR - TRANSPONDER COAX (ZONE 225)	V22373	(182) 80004 & ON	01
UC800		TRANSPONDER			RF
UC1006		ANTENNA - TRANSPONDER			RF
UI800		TRANSPONDER			RF

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Figure 04 : Sheet 01 : KT-76C TRANSPONDER-STANDARD,NAV I,NAV I W/ADF,NAV II,NAV II W/ADF



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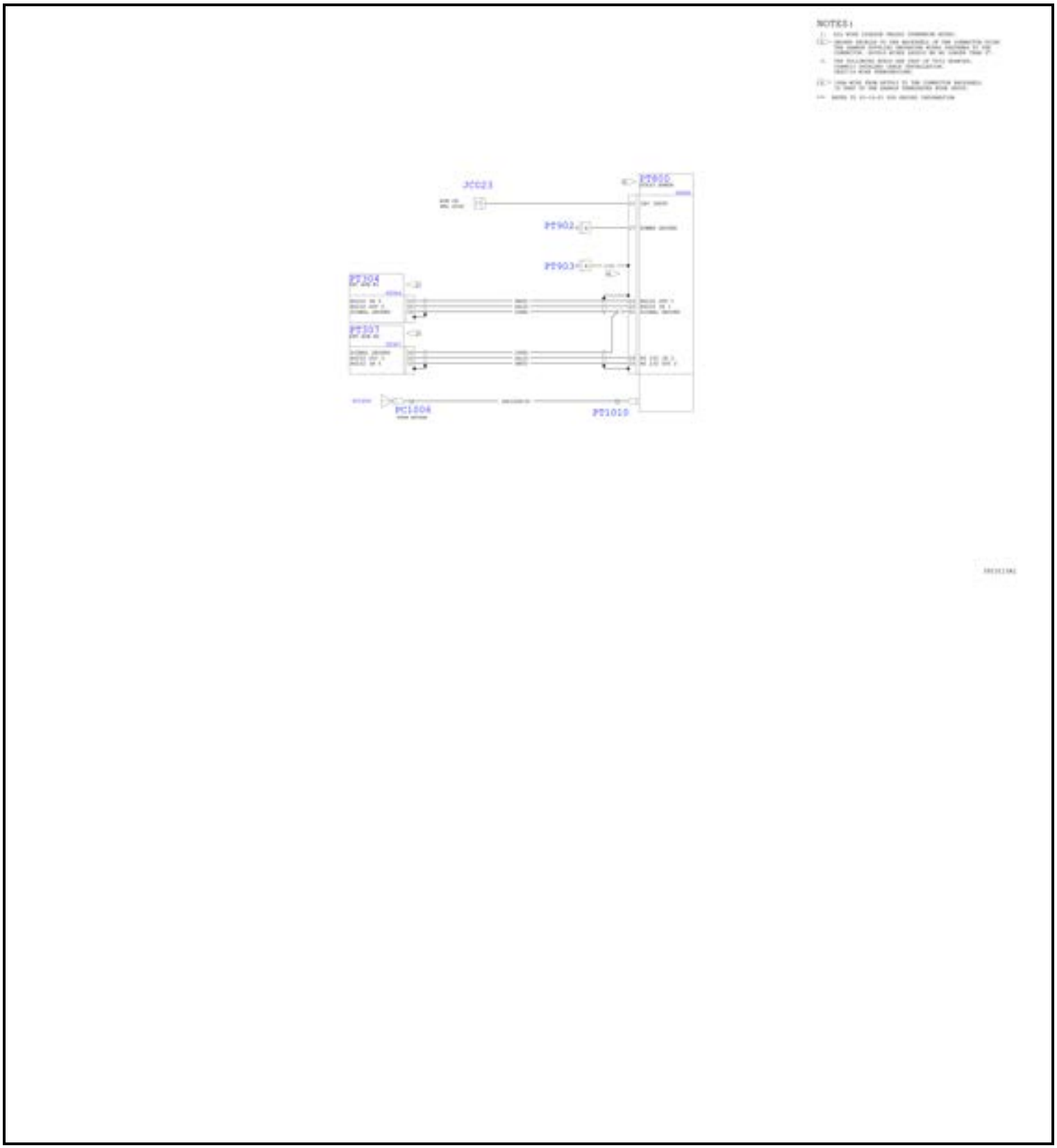
GTX33 TRANSPONDER

AIRPLANES (182) 81318 THRU 81875 AND AIRPLANES (T182) 08232 THRU 08668

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
JC023	S2350-10	RECEPTACLE		(182) 81318 - 81875 (T182) 08232 - 08668	01
	S2353-4	. CONTACT			AR
	S2353-5	. PIN			AR
	S2353-7	. PIN			AR
PC1006	UG913A/U	COAX CONNECTOR (ZONE 310)	V07688	(182) 81318 - 81875 (T182) 08232 - 08668	01
PT304		CONNECTOR - INTEGRATED AVIONIC 1			RF
PT307		CONNECTOR - INTEGRATED AVIONIC 2			RF
PT800	011-01012-00	CONNECTOR		(182) 81318 - 81875 (T182) 08232 - 08668	01
PT902	SK2701	CONNECTOR	V28198	(182) 81318 - 81875 (T182) 08232 - 08668	01
	FC120N2	. CONTACT - CRIMP	V28198		01
PT903	SK2701	CONNECTOR	V28198	(182) 81318 - 81875 (T182) 08232 - 08668	01
	FC116N2	. CONTACT	V28198	(182) 81318 - 81875 (T182) 08232 - 08668	01
	FC120N2	. CONTACT	V28198		01
PT1010	S3284-1	CONNECTOR	V07688	(182) 81318 & ON (T182) 08232 & ON	01
UC1006		ANTENNA - TRANSPONDER			RF
UT304		INTEGRATED AVIONICS UNIT 1			RF
UT307		INTEGRATED AVIONICS UNIT 2			RF
UT800		TRANSPONDER - GTX33			RF

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Figure 05 : Sheet 01 : GTX33 TRANSPONDER



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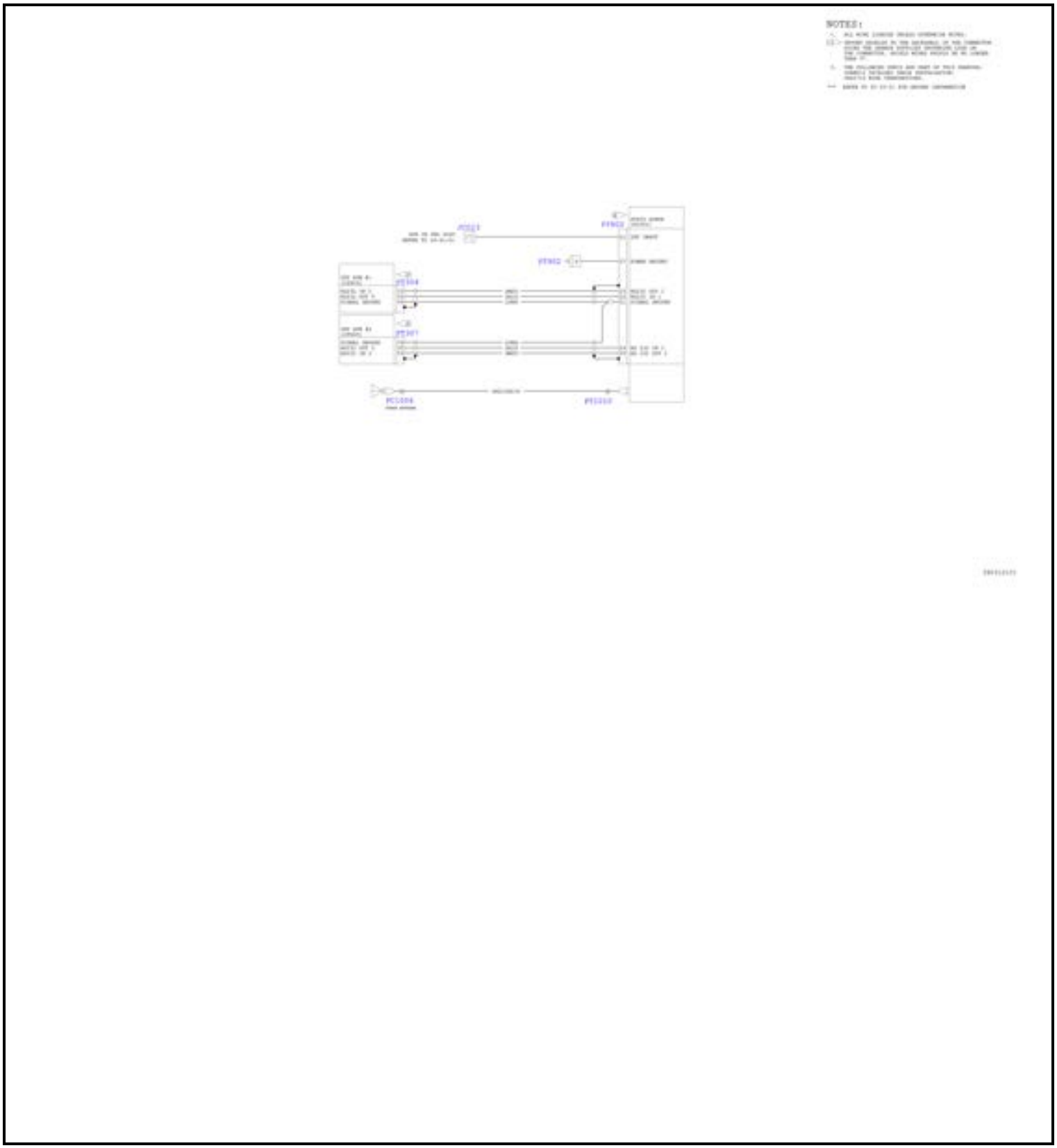
GTX33 TRANSPONDER

AIRPLANES (182) 81876 THRU 83251 AND AIRPLANES (T182) 08669 THRU 09139

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
JC023	S2350-10	RECEPTACLE		(182) 81876 - 83251 (T182) 08669 - 09139	01
	S2353-4	. CONTACT			AR
	S2353-5	. PIN			AR
	S2353-7	. PIN			AR
PC1006	UG913A/U	COAX CONNECTOR (ZONE 310)	V07688	(182) 81876 - 83251 (T182) 08669 - 09139	01
PT304		CONNECTOR - INTEGRATED AVIONIC 1			RF
PT307		CONNECTOR - INTEGRATED AVIONIC 2			RF
PT800	011-01012-00	CONNECTOR		(182) 81876 - 83251 (T182) 08669 - 09139	01
PT902	SK2701	CONNECTOR	V28198	(182) 81876 - 83251 (T182) 08669 - 09139	01
	FC120N2	. CONTACT - CRIMP	V28198		01
PT1010	S3284-1	CONNECTOR	V07688	(182) 81318 & ON (T182) 08232 & ON	01

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Figure 06 : Sheet 01 : GTX33 TRANSPONDER



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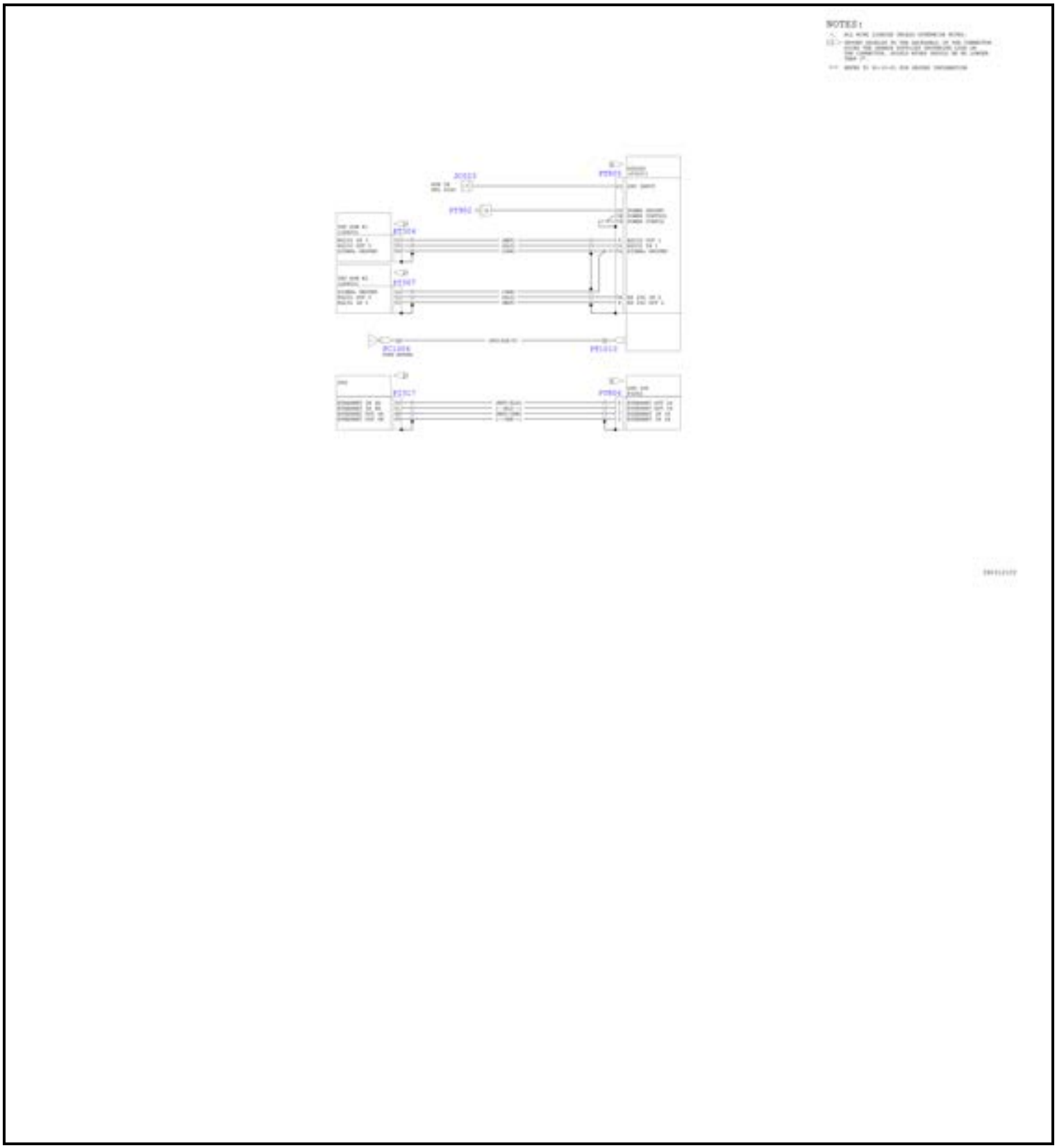
GTX 3X5R TRANSPONDER

AIRPLANES (182) 83252 & ON AND AIRPLANES (T182) 09140 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
JC023	S2350-10	RECEPTACLE		(182) 83252 & ON (T182) 09140 & ON	01
	S2353-4	. CONTACT			AR
	S2353-5	. PIN			AR
	S2353-7	. PIN			AR
PC1006	UG913A/U	COAX CONNECTOR (ZONE 310)	V07688	(182) 83252 & ON (T182) 09140 & ON	01
PI317	011-00979-00	MODULE KIT - CONFIGURATION	V0TRC3	(182) 83252 & ON (T182) 09140 & ON	01
	011-00820-01	. GDU10XX SUB ASSEMBLY	V0TRC3		01
PT304		CONNECTOR - INTEGRATED AVIONIC 1			RF
PT307		CONNECTOR - INTEGRATED AVIONIC 2			RF
PT805	011-01169-01	CONNECTOR ALTERNATE SPARE (INTERCHANGEABLE WITH): 330-00185-62	V0TRC3	(182) 83252 & ON (T182) 09140 & ON	01
	330-00185-62	DSUB CONNECTOR ALTERNATE SPARE (INTERCHANGEABLE WITH): 011-01169-01	V0TRC3	(182) 83252 & ON (T182) 09140 & ON	01
	011-00950-03	. BACKSHELL	V0TRC3		01
	M39029/58-360	. CONTACT PIN	V0TRC3		01
PT806	330-00185-15	DSUB CONNECTOR	V0TRC3	(182) 83252 & ON (T182) 09140 & ON	01
	011-00950-00	. BACKSHELL ASSEMBLY	V0TRC3		01
	M39029/58-360	. CONTACT PIN	V0TRC3		01
	011-01169-00	. GRND ADAPTR, SHELL 1-3	V0TRC3		01
PT902	SK2701	CONNECTOR	V28198	(182) 83252 & ON (T182) 09140 & ON	01
	FC120N2	. CONTACT - CRIMP	V28198		01
PT1010	S3284-1	CONNECTOR	V07688	(182) 81318 & ON (T182) 08232 & ON	01

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Figure 07 : Sheet 01 : GTX 3X5R TRANSPONDER



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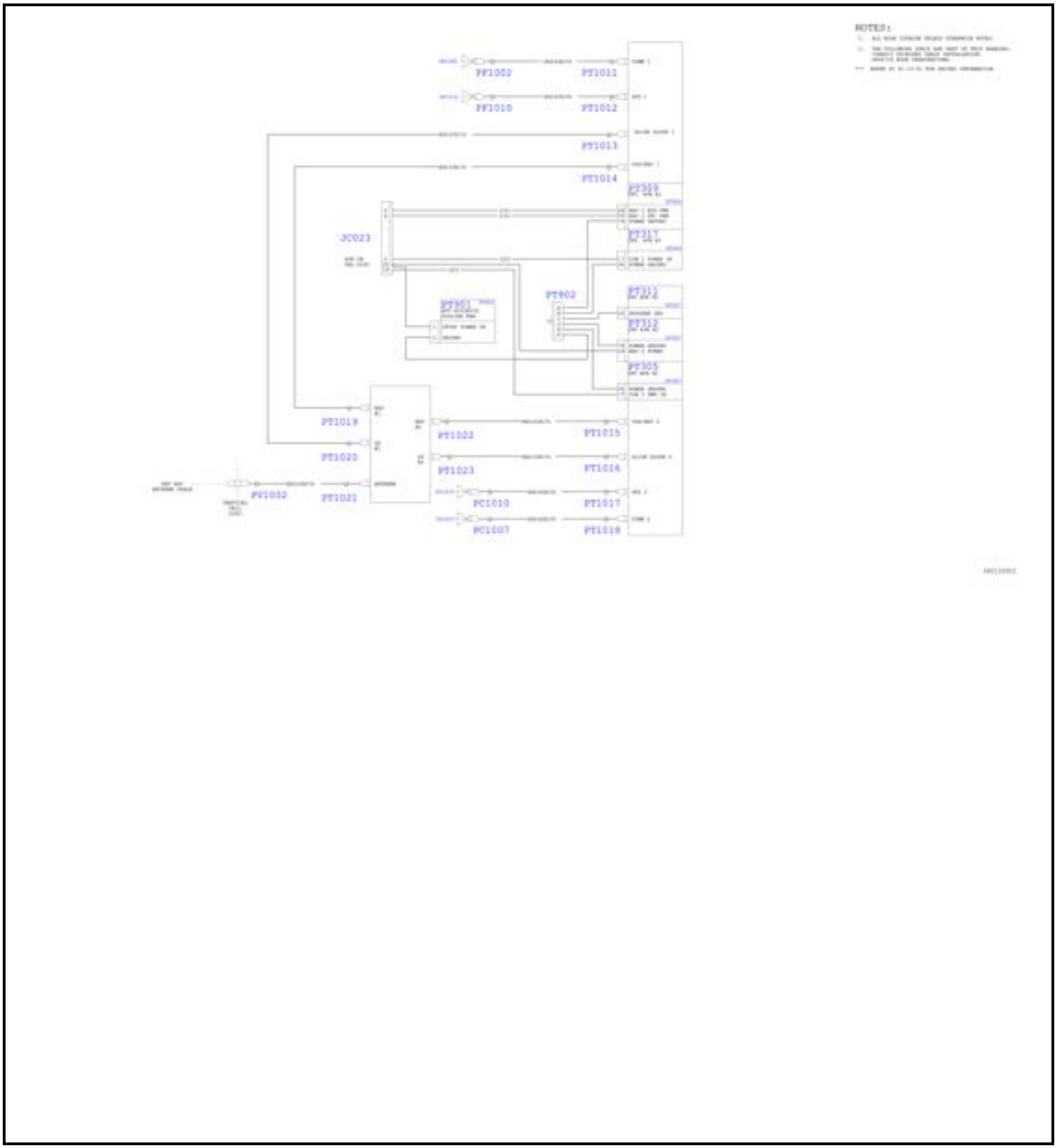
GARMIN INTEGRATED AVIONICS SYSTEM

AIRPLANES (182) 81318 THRU 81600 AND AIRPLANES (T182) 08232 THRU 08405

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
JC023	S2350-10	RECEPTACLE		(182) 81318 - 81600 (T182) 08232 - 08405	01
	S2353-4	. CONTACT			AR
	S2353-5	. PIN			AR
	S2353-7	. PIN			AR
PC1007	UG913A/U	CONNECTOR - ANTENNA COAX (ZONE 340)	V07688	(182) 81318 - 81600 (T182) 08232 - 08405	01
	011-01000-00	. CONNECTOR KIT			02
	011-01000-01	. GIA63, SUBASSEMBLY	V0TRC3		02
PC1010	225559-2	CONNECTOR	V00779	(182) 81318 - 81600 (T182) 08232 - 08405	01
PF1002	UG913A/U	CONNECTOR - COAX (ZONE 210)	V07688	(182) 81318 - 81600 (T182) 08232 - 08405	01
PF1010	225559-2	CONNECTOR	V00779	(182) 81318 - 81600 (T182) 08232 - 08405	01
PT305	330-00185-44	CONNECTOR	V0TRC3	(182) 81318 - 81600 (T182) 08232 - 08405	01
PT309	330-00185-78	CONNECTOR	V0TRC3	(182) 81318 - 81600 (T182) 08232 - 08405	01
PT311	330-00185-44	CONNECTOR	V0TRC3	(182) 81318 - 81600 (T182) 08232 - 08405	01
PT312		CONNECTOR			RF
PT317	330-00185-44	CONNECTOR	V0TRC3	(182) 81318 - 81600 (T182) 08232 - 08405	01
PT901	03-06-1023	CONNECTOR	V27264	(182) 81318 - 81600 (T182) 08232 - 08405	01
	S2216-4	. CONTACT	V27264		02
PT902	SK2701	CONNECTOR	V28198	(182) 81318 - 81600 (T182) 08232 - 08405	01
	FC120N2	. CONTACT - CRIMP	V28198		01
PT1011	S3284-1	CONNECTOR	V07688	(182) 81318 - 81600 (T182) 08232 - 08405	01
PT1012	S3284-1	CONNECTOR	V07688	(182) 81318 - 81600 (T182) 08232 - 08405	01
PT1013	S3284-1	CONNECTOR	V07688	(182) 81318 - 81600 (T182) 08232 - 08405	01
PT1014	S3284-1	CONNECTOR	V07688	(182) 81318 - 81600 (T182) 08232 - 08405	01
PT1015	S3284-1	CONNECTOR	V07688	(182) 81318 - 81600 (T182) 08232 - 08405	01
PT1016	S3284-1	CONNECTOR	V07688	(182) 81318 - 81600 (T182) 08232 - 08405	01
PT1017	S3284-1	CONNECTOR	V07688	(182) 81318 - 81600 (T182) 08232 - 08405	01
PT1018	S3284-1	CONNECTOR	V07688	(182) 81318 - 81600 (T182) 08232 - 08405	01
PT1019	S3284-1	CONNECTOR	V07688	(182) 81318 - 81600 (T182) 08232 - 08405	01
PT1020	S3284-1	CONNECTOR	V07688	(182) 81318 - 81600 (T182) 08232 - 08405	01
PT1021	225555-6	CONNECTOR	V00779	(182) 81318 - 81600 (T182) 08232 - 08405	01
PT1022	S3284-1	CONNECTOR	V07688	(182) 81318 - 81600 (T182) 08232 - 08405	01
PT1023	S3284-1	CONNECTOR	V07688	(182) 81318 - 81600 (T182) 08232 - 08405	01
PV1002	S3284-1	CONNECTOR	V07688	(182) 81318 - 81600 (T182) 08232 - 08405	01
UC1007		ANTENNA - COMM (ZONE 210)			RF
UC1010		ANTENNA - GPS 2			RF
UF1002		ANTENNA - COMM			RF
UF1010		ANTENNA - GPS 1			RF
UT304		INTEGRATED AVIONICS UNIT 1			RF
UT307		INTEGRATED AVIONICS UNIT 2			RF
UT901		BUZZER - ALERT			RF

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Figure 01 : Sheet 01 : GARMIN INTEGRATED AVIONICS SYSTEM



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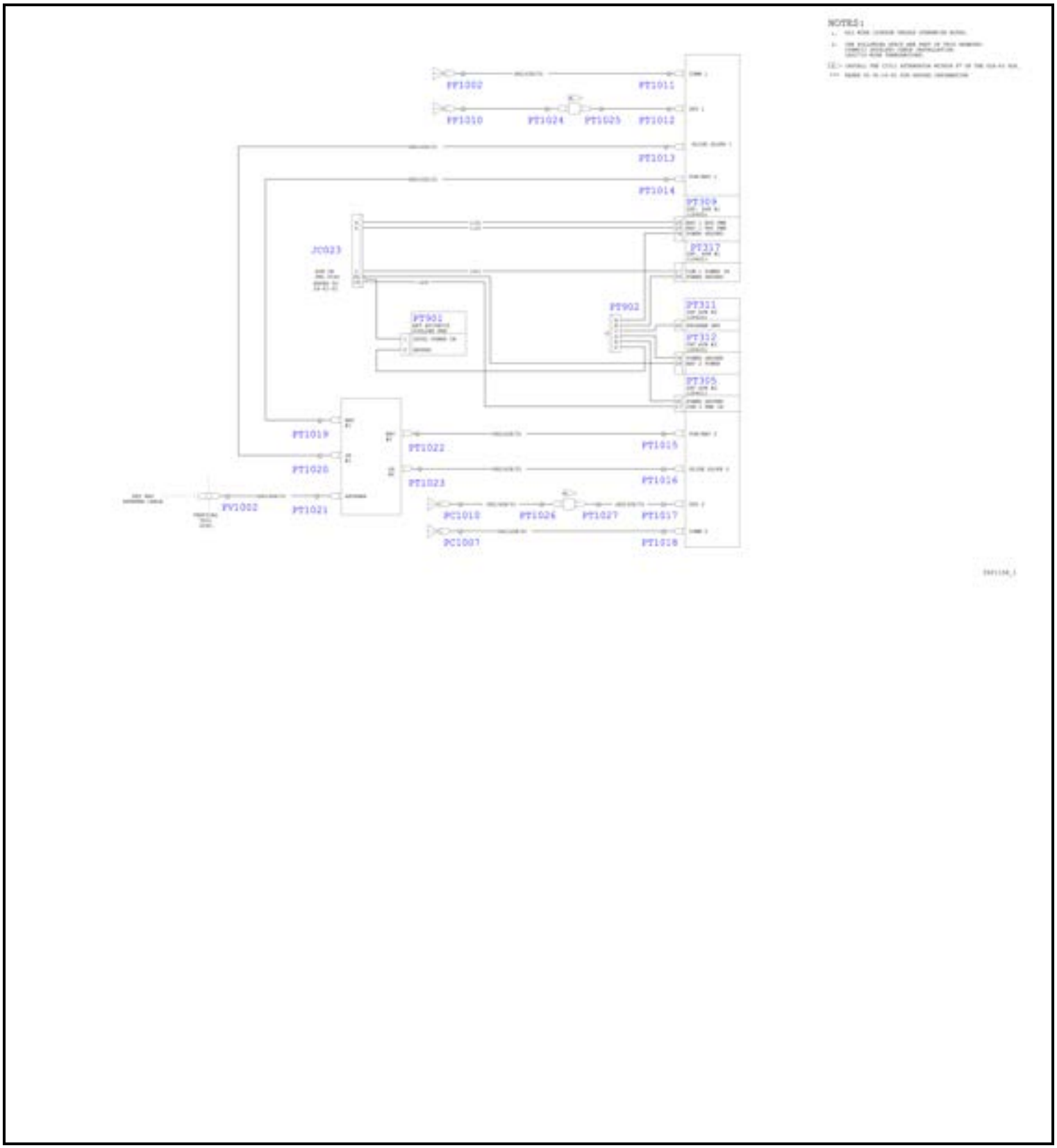
GARMIN INTEGRATED AVIONICS SYSTEM-NAV III

AIRPLANES (182) 81601 THRU 81875 AND AIRPLANES (T182) 08406 THRU 08668

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
JC023	S2350-10	RECEPTACLE		(182) 81601 - 81875 (T182) 08406 - 08668	01
	S2353-4	. CONTACT			AR
	S2353-5	. PIN			AR
	S2353-7	. PIN			AR
PC1007	UG913A/U	CONNECTOR - ANTENNA COAX (ZONE 340)	V07688	(182) 81601 - 81875 (T182) 08406 - 08668	01
	011-01000-00	. CONNECTOR KIT			02
	011-01000-01	. GIA63, SUBASSEMBLY	V0TRC3		02
PC1010	225559-2	CONNECTOR	V00779	(182) 81601 - 81875 (T182) 08406 - 08668	01
PF1002	UG913A/U	CONNECTOR - COAX (ZONE 210)	V07688	(182) 81601 - 81875 (T182) 08406 - 08668	01
PF1010	225559-2	CONNECTOR	V00779	(182) 81601 - 81875 (T182) 08406 - 08668	01
PT305	330-00185-44	CONNECTOR	V0TRC3	(182) 81601 - 81875 (T182) 08406 - 08668	01
PT309	330-00185-78	CONNECTOR	V0TRC3	(182) 81601 - 81875 (T182) 08406 - 08668	01
PT311	330-00185-44	CONNECTOR	V0TRC3	(182) 81601 - 81875 (T182) 08406 - 08668	01
PT312		CONNECTOR			RF
PT317	330-00185-44	CONNECTOR	V0TRC3	(182) 81601 - 81875 (T182) 08406 - 08668	01
PT901	03-06-1023	CONNECTOR	V27264	(182) 81601 - 81875 (T182) 08406 - 08668	01
	S2216-4	. CONTACT	V27264		02
PT902	SK2701	CONNECTOR	V28198	(182) 81601 - 81875 (T182) 08406 - 08668	01
	FC120N2	. CONTACT - CRIMP	V28198		01
PT1011	S3284-1	CONNECTOR	V07688	(182) 81601 - 81875 (T182) 08406 - 08668	01
PT1012	S3284-1	CONNECTOR	V07688	(182) 81601 - 81875 (T182) 08406 - 08668	01
PT1013	S3284-1	CONNECTOR	V07688	(182) 81601 - 81875 (T182) 08406 - 08668	01
PT1014	S3284-1	CONNECTOR	V07688	(182) 81601 - 81875 (T182) 08406 - 08668	01
PT1015	S3284-1	CONNECTOR	V07688	(182) 81601 - 81875 (T182) 08406 - 08668	01
PT1016	S3284-1	CONNECTOR	V07688	(182) 81601 - 81875 (T182) 08406 - 08668	01
PT1017	S3284-1	CONNECTOR	V07688	(182) 81601 - 81875 (T182) 08406 - 08668	01
PT1018	S3284-1	CONNECTOR	V07688	(182) 81601 - 81875 (T182) 08406 - 08668	01
PT1019	S3284-1	CONNECTOR	V07688	(182) 81601 - 81875 (T182) 08406 - 08668	01
PT1020	S3284-1	CONNECTOR	V07688	(182) 81601 - 81875 (T182) 08406 - 08668	01
PT1021	225555-6	CONNECTOR	V00779	(182) 81601 - 81875 (T182) 08406 - 08668	01
PT1022	S3284-1	CONNECTOR	V07688	(182) 81601 - 81875 (T182) 08406 - 08668	01
PT1023	S3284-1	CONNECTOR	V07688	(182) 81601 - 81875 (T182) 08406 - 08668	01
PT1024	225555-6	CONNECTOR - COAX	V00779	(182) 81601 - 81875 (T182) 08406 - 08668	01
PT1025	225555-6	CONNECTOR - COAX	V00779	(182) 81601 - 81875 (T182) 08406 - 08668	01
PT1026	225555-6	CONNECTOR - COAX	V00779	(182) 81601 - 81875 (T182) 08406 - 08668	01
PT1027	225555-6	CONNECTOR - COAX	V00779	(182) 81601 - 81875 (T182) 08406 - 08668	01
PV1002	S3284-1	CONNECTOR	V07688	(182) 81601 - 81875 (T182) 08406 - 08668	01

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Figure 02 : Sheet 01 : GARMIN INTEGRATED AVIONICS SYSTEM-NAV III



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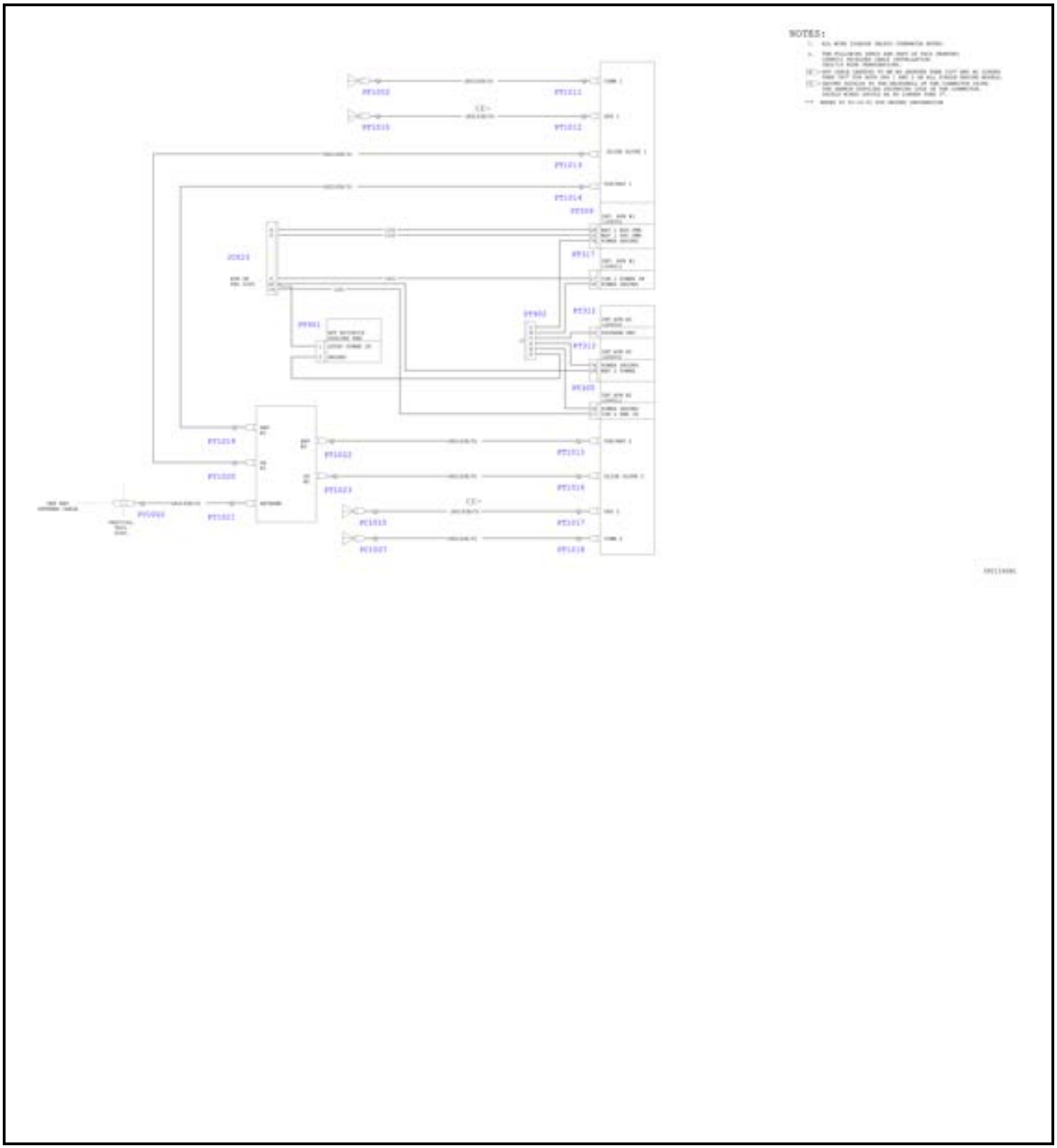
GARMIN INTEGRATED AVIONICS SYSTEM-NAV III, NAV III W/ADF

AIRPLANES (182) 81876 THRU 82368 AND AIRPLANES (T182) 08669 THRU 09100

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
JC023	S2350-10	RECEPTACLE		(182) 81876 - 82368 (T182) 08669 - 09100	01
	S2353-4	. CONTACT			AR
	S2353-5	. PIN			AR
	S2353-7	. PIN			AR
PC1007	UG913A/U	CONNECTOR - ANTENNA COAX (ZONE 340)	V07688	(182) 81876 - 82368 (T182) 08669 - 09100	01
	011-01000-00	. CONNECTOR KIT			02
	011-01000-01	. GIA63, SUBASSEMBLY	V0TRC3		02
PC1010	225559-2	CONNECTOR	V00779	(182) 81876 - 82368 (T182) 08669 - 09100	01
PF1002	UG913A/U	CONNECTOR - COAX (ZONE 210)	V07688	(182) 81876 - 82368 (T182) 08669 - 09100	01
PF1010	225559-2	CONNECTOR	V00779	(182) 81876 - 82368 (T182) 08669 - 09100	01
PT305	330-00185-44	CONNECTOR	V0TRC3	(182) 81876 - 82368 (T182) 08669 - 09100	01
PT309	330-00185-78	CONNECTOR	V0TRC3	(182) 81876 - 82368 (T182) 08669 - 09100	01
PT311	330-00185-44	CONNECTOR	V0TRC3	(182) 81876 - 82368 (T182) 08669 - 09100	01
PT312		CONNECTOR			RF
PT317	330-00185-44	CONNECTOR	V0TRC3	(182) 81876 - 82368 (T182) 08669 - 09100	01
PT901	03-06-1023	CONNECTOR	V27264	(182) 81876 - 82368 (T182) 08669 - 09100	01
	S2216-4	. CONTACT	V27264		02
PT902	SK2701	CONNECTOR	V28198	(182) 81876 - 82368 (T182) 08669 - 09100	01
	FC120N2	. CONTACT - CRIMP	V28198		01
PT1011	S3284-1	CONNECTOR	V07688	(182) 81876 - 82368 (T182) 08669 - 09100	01
PT1012	S3284-1	CONNECTOR	V07688	(182) 81876 - 82368 (T182) 08669 - 09100	01
PT1013	S3284-1	CONNECTOR	V07688	(182) 81876 - 82368 (T182) 08669 - 09100	01
PT1014	S3284-1	CONNECTOR	V07688	(182) 81876 - 82368 (T182) 08669 - 09100	01
PT1015	S3284-1	CONNECTOR	V07688	(182) 81876 - 82368 (T182) 08669 - 09100	01
PT1016	S3284-1	CONNECTOR	V07688	(182) 81876 - 82368 (T182) 08669 - 09100	01
PT1017	S3284-1	CONNECTOR	V07688	(182) 81876 - 82368 (T182) 08669 - 09100	01
PT1018	S3284-1	CONNECTOR	V07688	(182) 81876 - 82368 (T182) 08669 - 09100	01
PT1019	S3284-1	CONNECTOR	V07688	(182) 81876 - 82368 (T182) 08669 - 09100	01
PT1020	S3284-1	CONNECTOR	V07688	(182) 81876 - 82368 (T182) 08669 - 09100	01
PT1021	225555-6	CONNECTOR	V00779	(182) 81876 - 82368 (T182) 08669 - 09100	01
PT1022	S3284-1	CONNECTOR	V07688	(182) 81876 - 82368 (T182) 08669 - 09100	01
PT1023	S3284-1	CONNECTOR	V07688	(182) 81876 - 82368 (T182) 08669 - 09100	01
PV1002	S3284-1	CONNECTOR	V07688	(182) 81876 - 82368 (T182) 08669 - 09100	01

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Figure 03 : Sheet 01 : GARMIN INTEGRATED AVIONICS SYSTEM-NAV III, NAV III W/ADF



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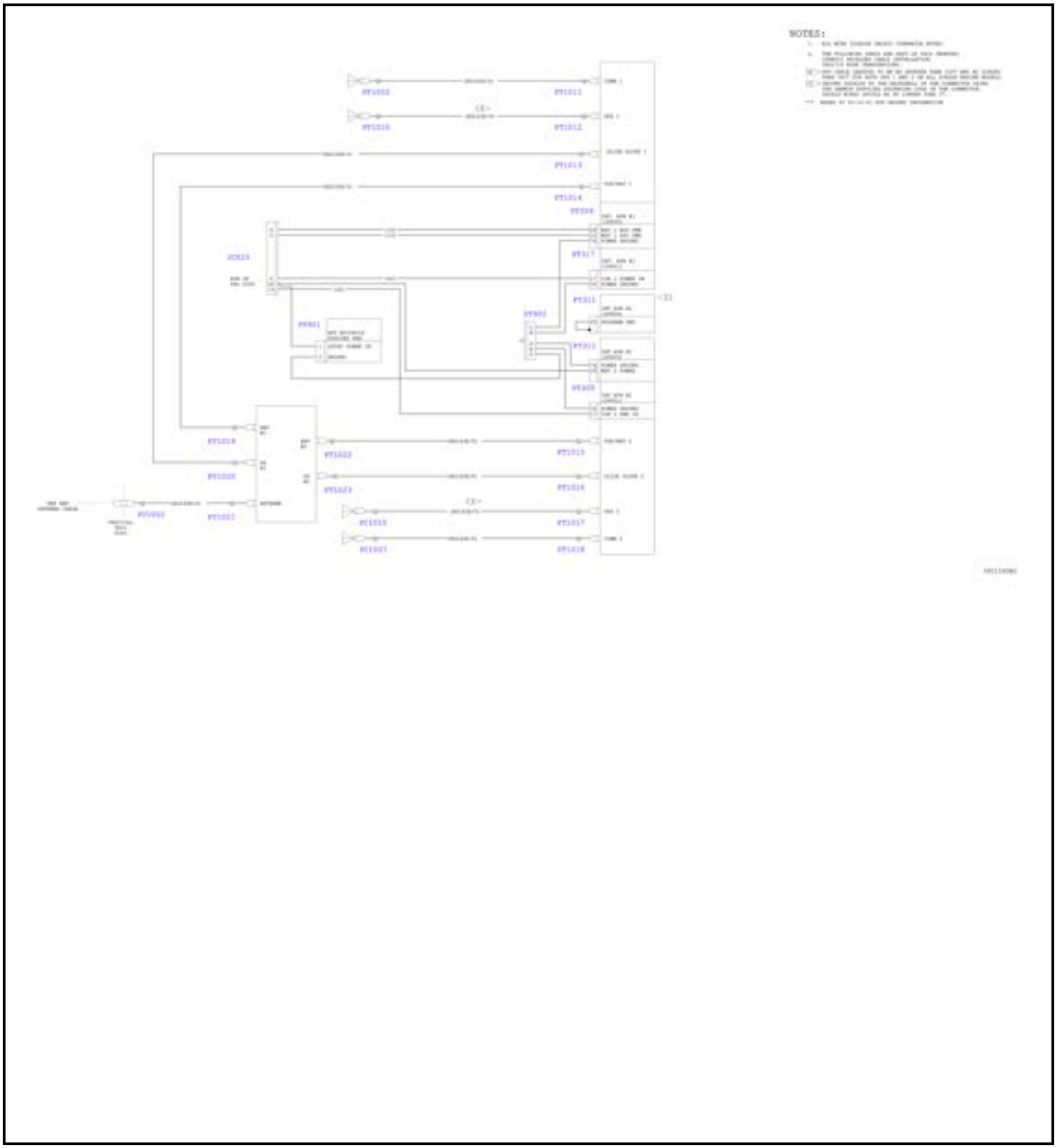
GARMIN INTEGRATED AVIONICS SYSTEM-NAV III, NAV III W/ADF

AIRPLANES (182) 82369 & ON AND AIRPLANES (T182) 09101 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
JC023	S2350-10	RECEPTACLE		(182) 82369 & ON (T182) 09101 & ON	01
	S2353-4	. CONTACT			AR
	S2353-5	. PIN			AR
	S2353-7	. PIN			AR
PC1007	UG913A/U	CONNECTOR - ANTENNA COAX (ZONE 340)	V07688	(182) 82369 & ON (T182) 09101 & ON	01
	011-01000-00	. CONNECTOR KIT			02
	011-01000-01	. GIA63, SUBASSEMBLY	V0TRC3		02
PC1010	225559-2	CONNECTOR	V00779	(182) 82369 & ON (T182) 09101 & ON	01
PF1002	UG913A/U	CONNECTOR - COAX (ZONE 210)	V07688	(182) 82369 & ON (T182) 09101 & ON	01
PF1010	225559-2	CONNECTOR	V00779	(182) 82369 & ON (T182) 09101 & ON	01
PT305	330-00185-44	CONNECTOR	V0TRC3	(182) 82369 & ON (T182) 09101 & ON	01
PT309	330-00185-78	CONNECTOR	V0TRC3	(182) 82369 & ON (T182) 09101 & ON	01
PT311	330-00185-44	CONNECTOR	V0TRC3	(182) 82369 & ON (T182) 09101 & ON	01
PT312		CONNECTOR			RF
PT317	330-00185-44	CONNECTOR	V0TRC3	(182) 82369 & ON (T182) 09101 & ON	01
PT901	03-06-1023	CONNECTOR	V27264	(182) 82369 & ON (T182) 09101 & ON	01
	S2216-4	. CONTACT	V27264		02
PT902	SK2701	CONNECTOR	V28198	(182) 82369 & ON (T182) 09101 & ON	01
	FC120N2	. CONTACT - CRIMP	V28198		01
PT1011	S3284-1	CONNECTOR	V07688	(182) 82369 & ON (T182) 09101 & ON	01
PT1012	S3284-1	CONNECTOR	V07688	(182) 82369 & ON (T182) 09101 & ON	01
PT1013	S3284-1	CONNECTOR	V07688	(182) 82369 & ON (T182) 09101 & ON	01
PT1014	S3284-1	CONNECTOR	V07688	(182) 82369 & ON (T182) 09101 & ON	01
PT1015	S3284-1	CONNECTOR	V07688	(182) 82369 & ON (T182) 09101 & ON	01
PT1016	S3284-1	CONNECTOR	V07688	(182) 82369 & ON (T182) 09101 & ON	01
PT1017	S3284-1	CONNECTOR	V07688	(182) 82369 & ON (T182) 09101 & ON	01
PT1018	S3284-1	CONNECTOR	V07688	(182) 82369 & ON (T182) 09101 & ON	01
PT1019	S3284-1	CONNECTOR	V07688	(182) 82369 & ON (T182) 09101 & ON	01
PT1020	S3284-1	CONNECTOR	V07688	(182) 82369 & ON (T182) 09101 & ON	01
PT1021	225555-6	CONNECTOR	V00779	(182) 82369 & ON (T182) 09101 & ON	01
PT1022	S3284-1	CONNECTOR	V07688	(182) 82369 & ON (T182) 09101 & ON	01
PT1023	S3284-1	CONNECTOR	V07688	(182) 82369 & ON (T182) 09101 & ON	01
PV1002	S3284-1	CONNECTOR	V07688	(182) 82369 & ON (T182) 09101 & ON	01

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Figure 04 : Sheet 01 : GARMIN INTEGRATED AVIONICS SYSTEM-NAV III, NAV III W/ADF



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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.

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(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.

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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.

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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.

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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.

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(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.

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(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

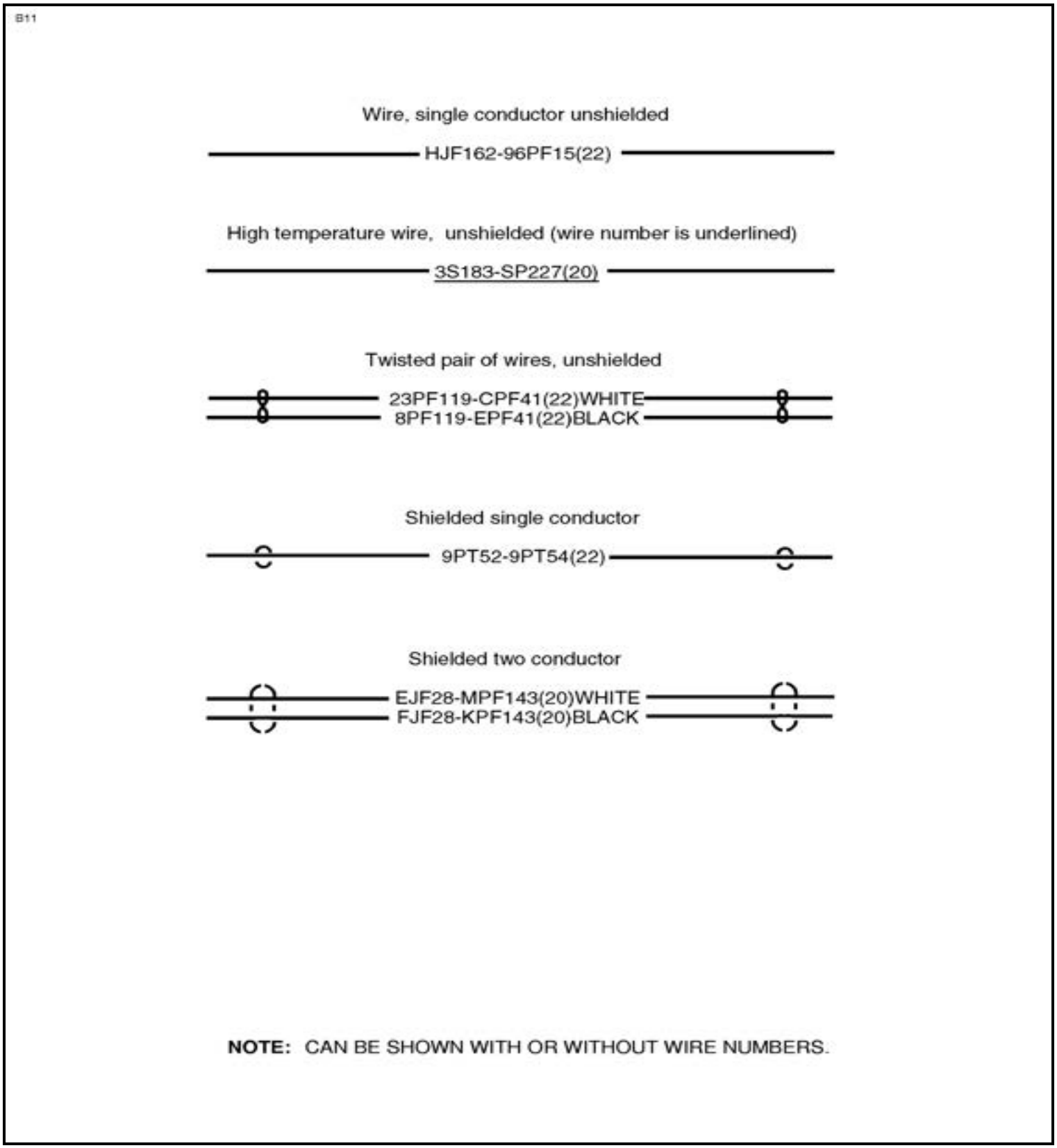
NUMBER OF STRANDS	MAXIMUM ALLOWABLE NICKED OR BROKEN STRANDS
LESS THAN 7	0
7-15	1
16-18	2
19-25	3
26-36	4
37-40	5
41 OR MORE	6

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.

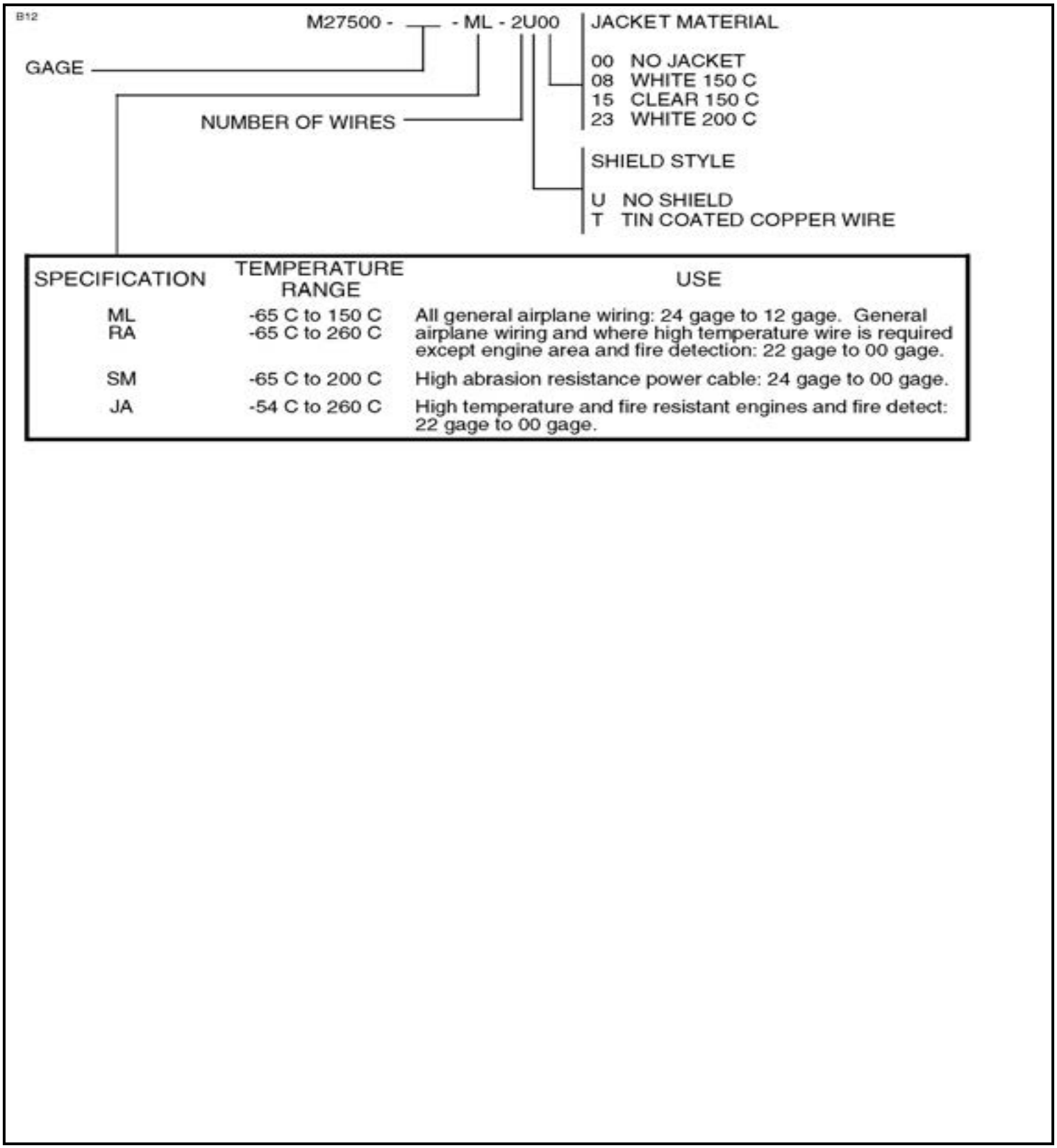
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Figure 201 : Sheet 1 : Wire Catagories



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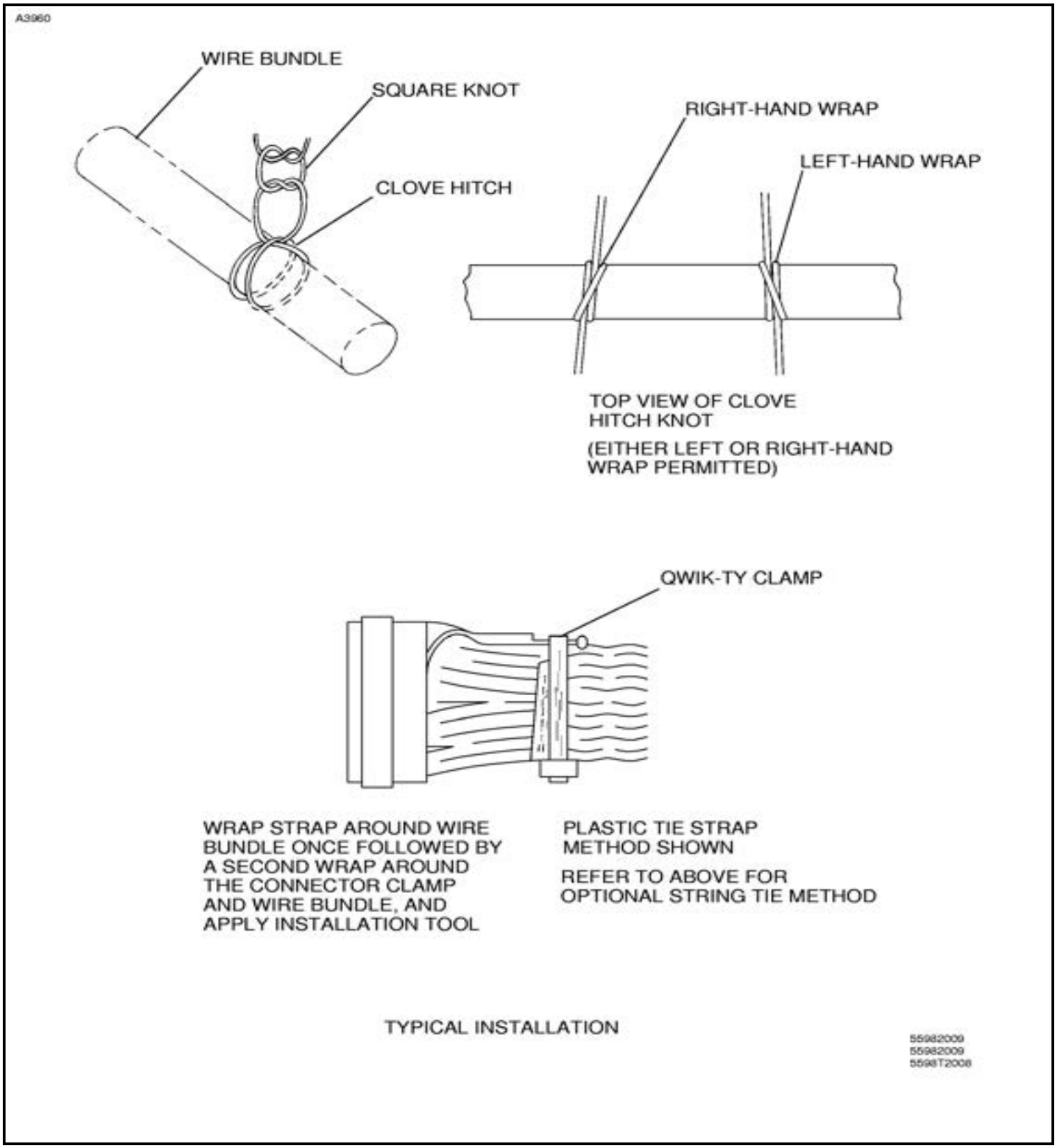
Figure 202 : Sheet 1 : Wire Part Numbers



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.

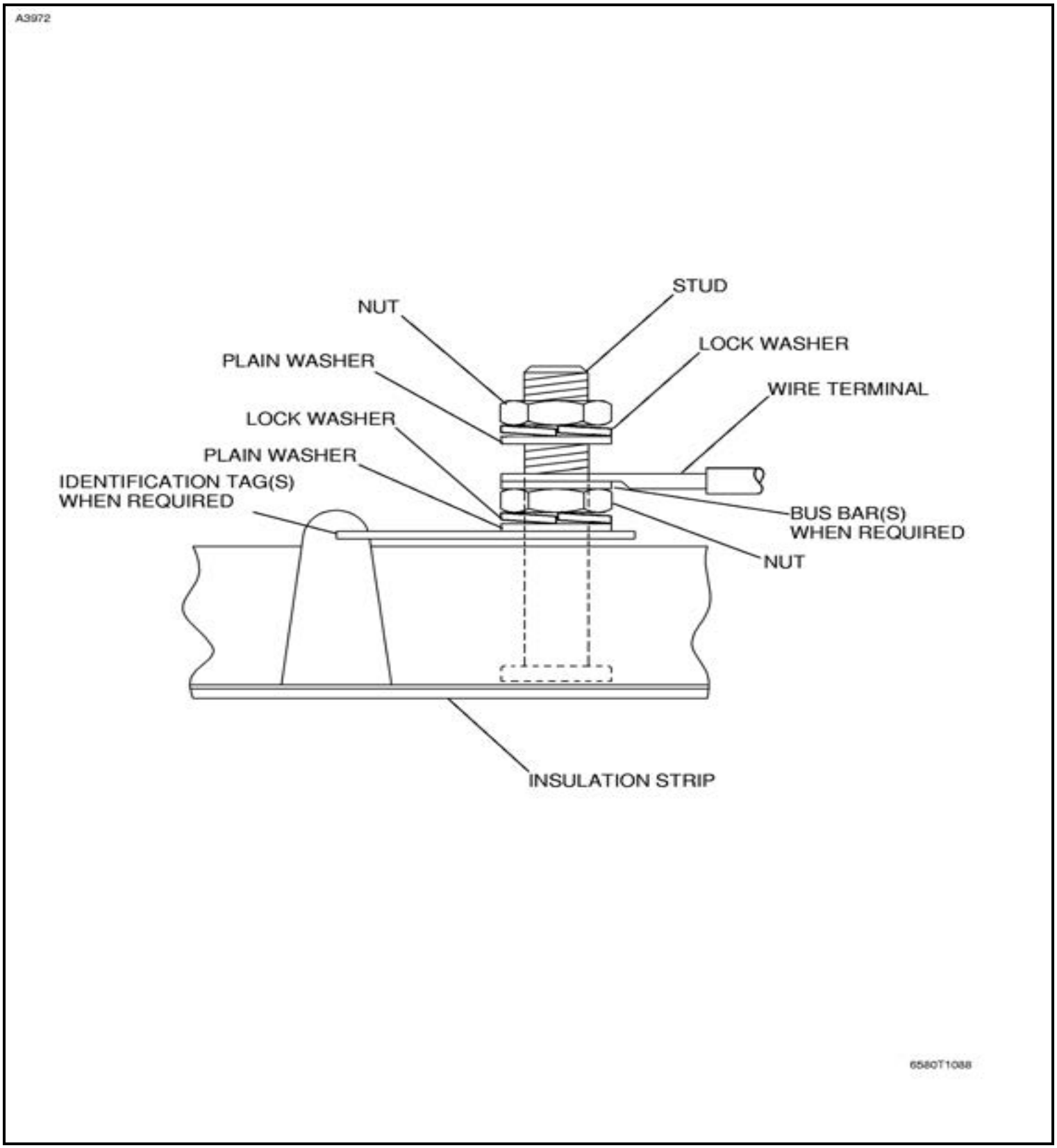
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Figure 203 : Sheet 1 : Binding Tie



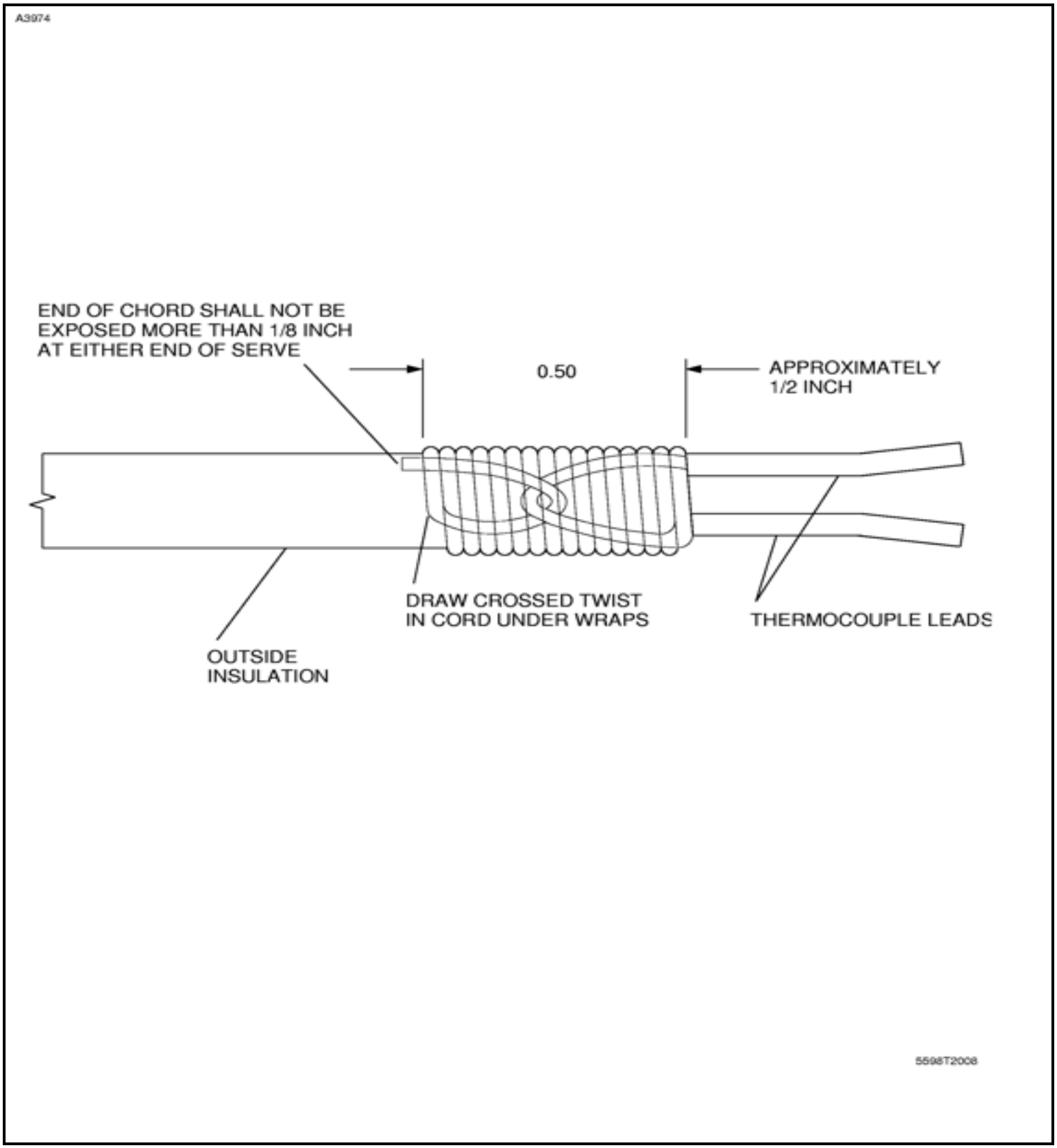
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Figure 204 : Sheet 1 : Terminal Board Installation



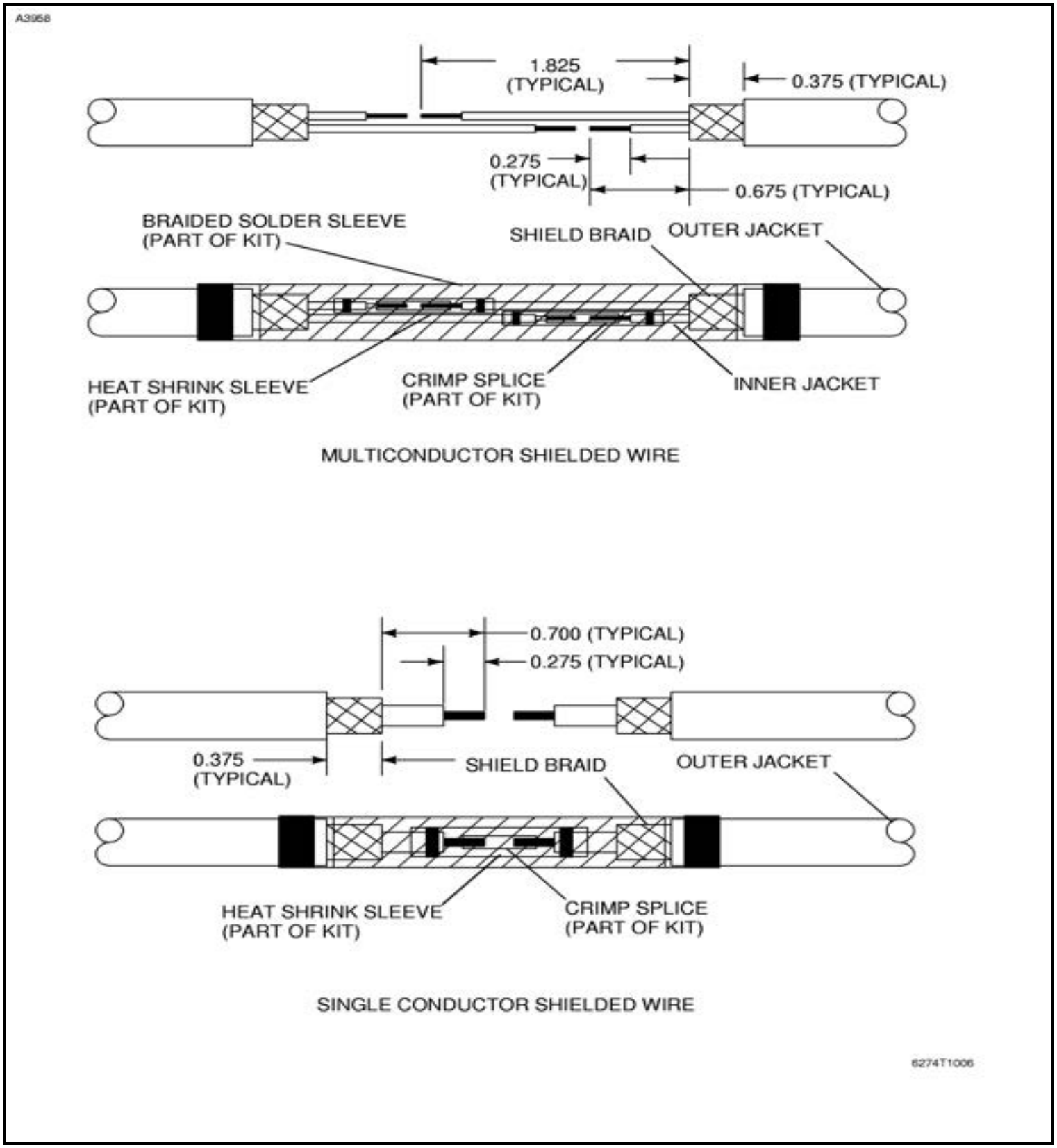
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Figure 205 : Sheet 1 : Serving Thermocouple Leads



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Figure 206 : Sheet 1 : Shielded Wire Splices



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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.

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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 202 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

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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.

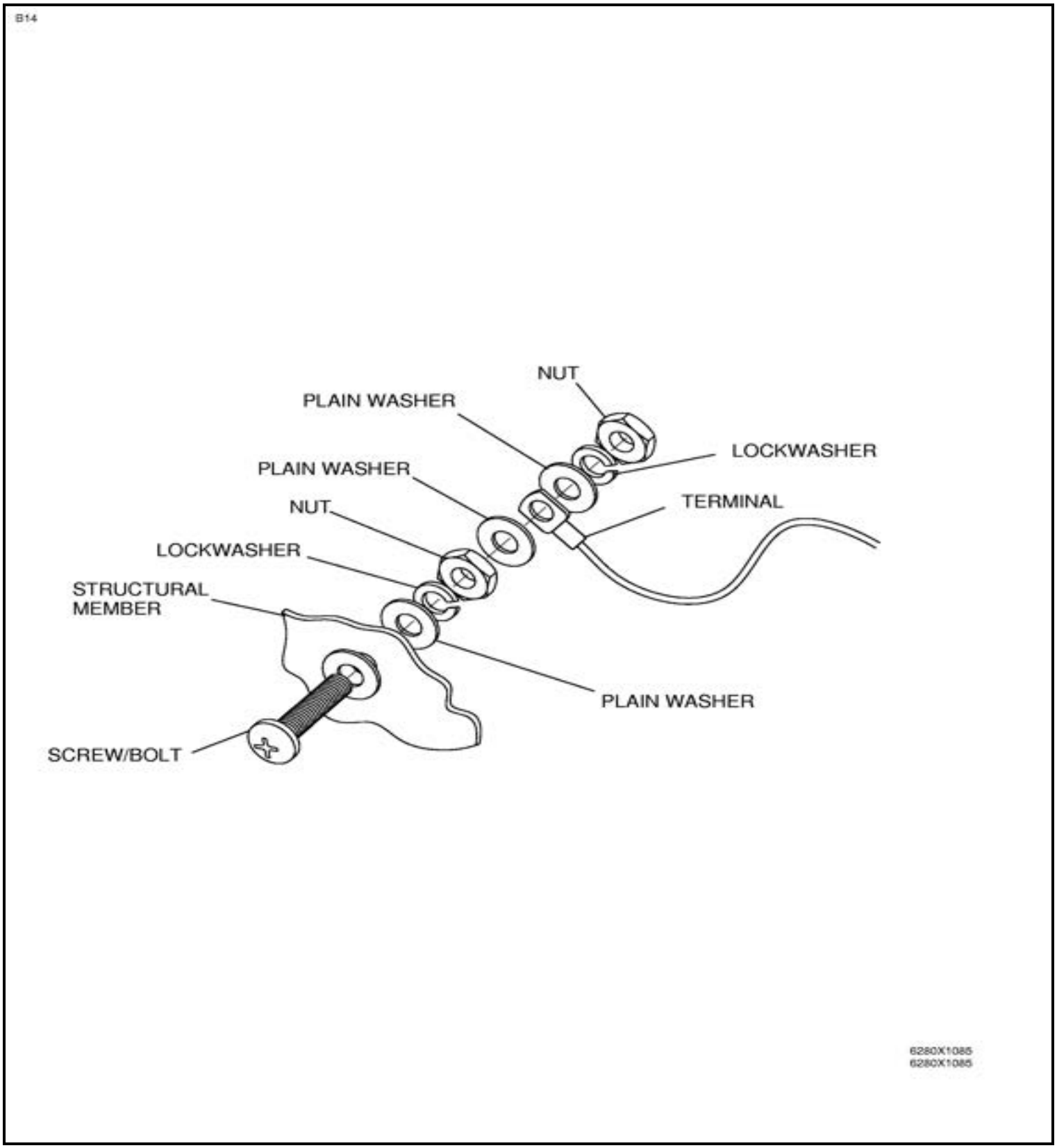
5. Resistance Values for Shield Terminations

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.

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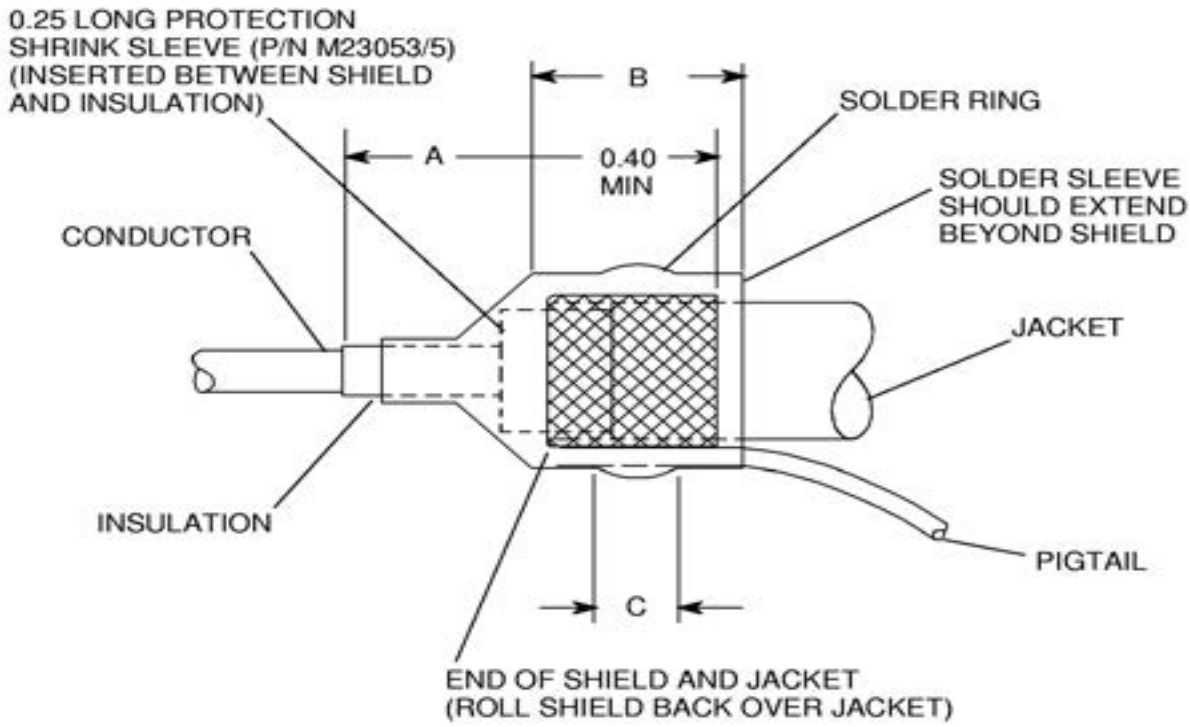
Figure 201 : Sheet 1 : Terminal Grounding



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Figure 202 : Sheet 1 : Solder Sleeve Assembly Using Method I

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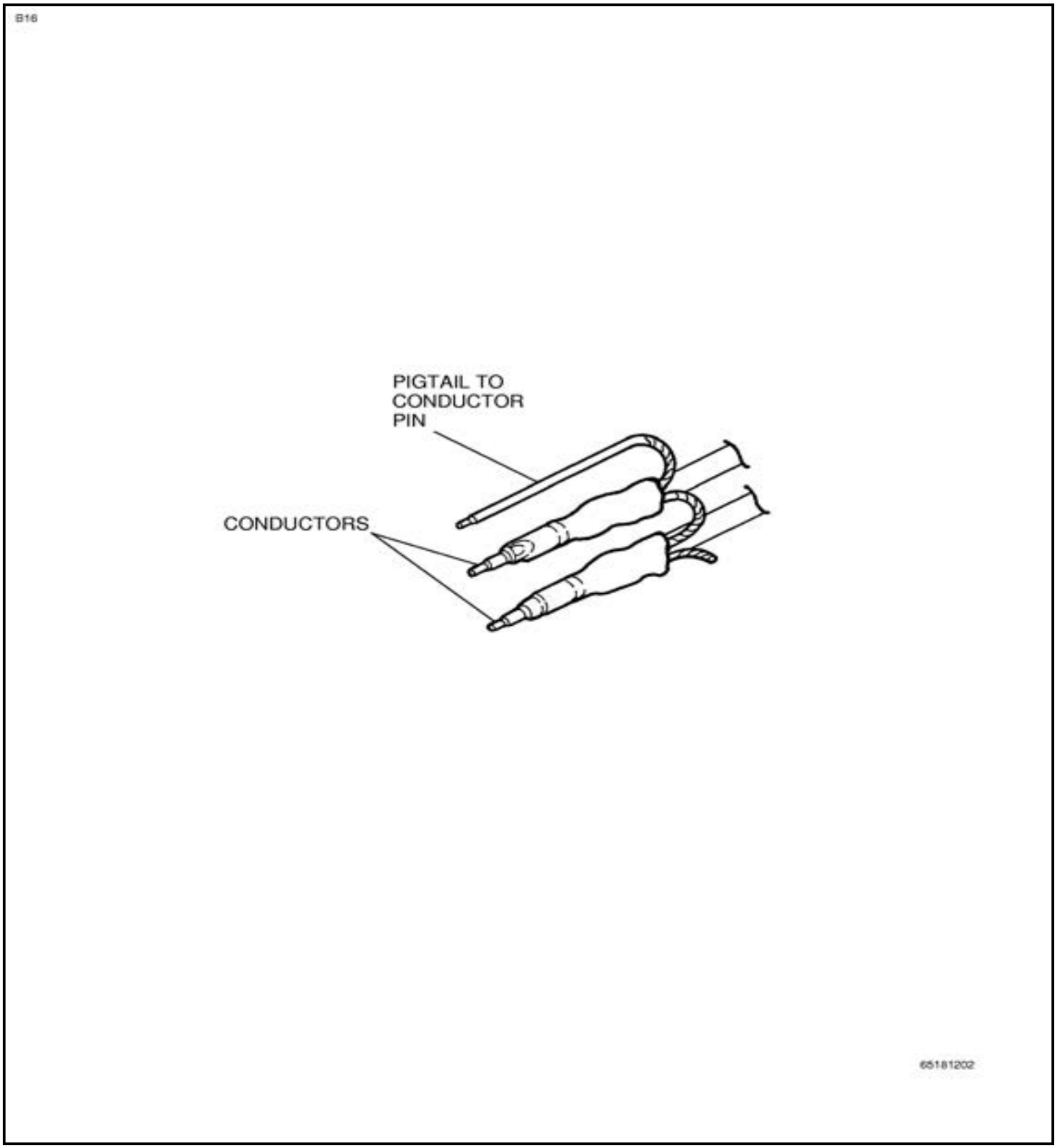
DIM.	MIN.	MAX.
A	0.50	3.00
B	0.625	0.675
C	0.20	0.50

NOTE: SINGLE CONDUCTOR SHOWN. THIS METHOD ALSO APPLICABLE TO DUAL AND TRIPLE CONDUCTOR SHIELDED CABLE.

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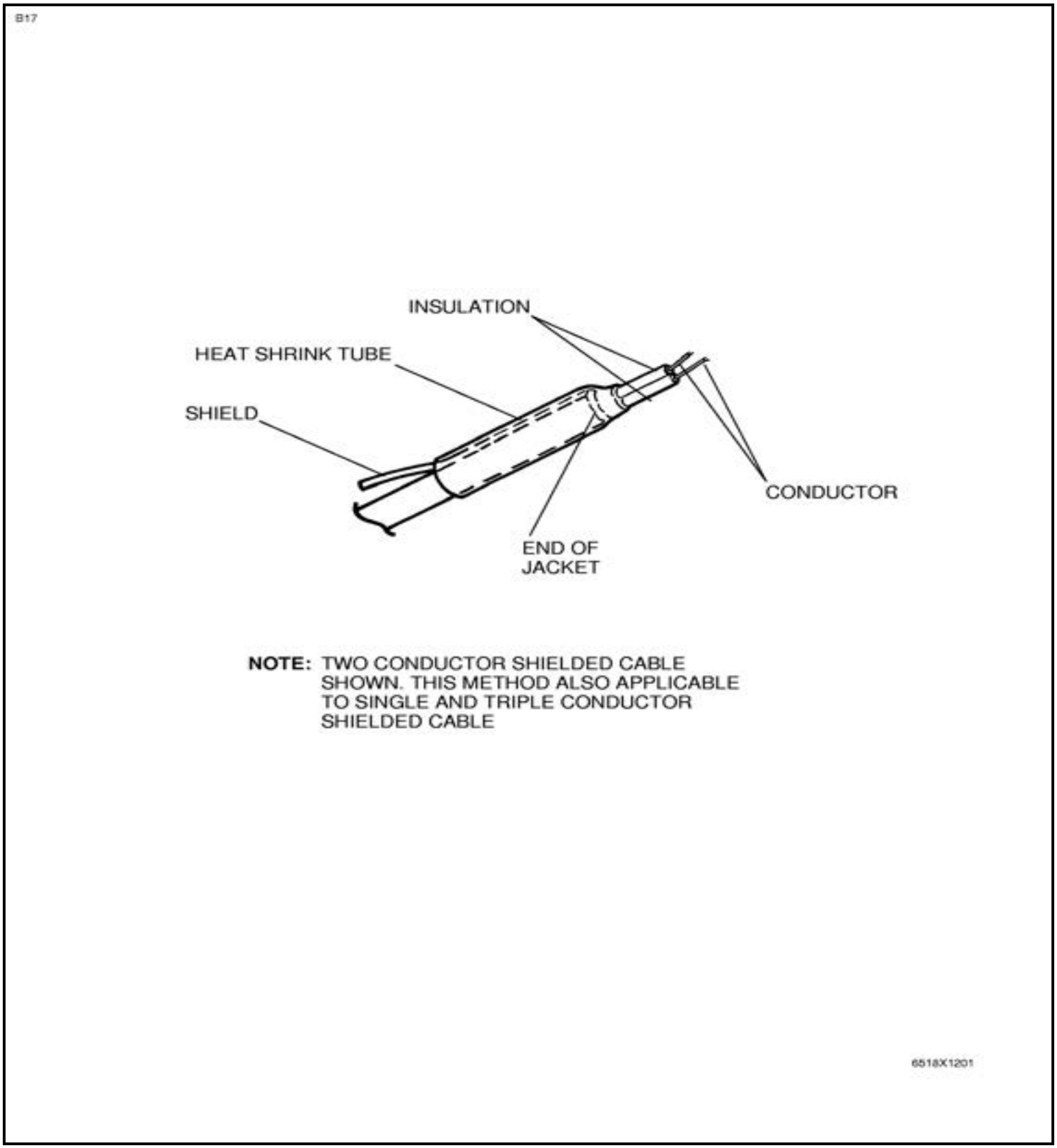
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Figure 203 : Sheet 1 : Multiple Shield Terminations Using Method I



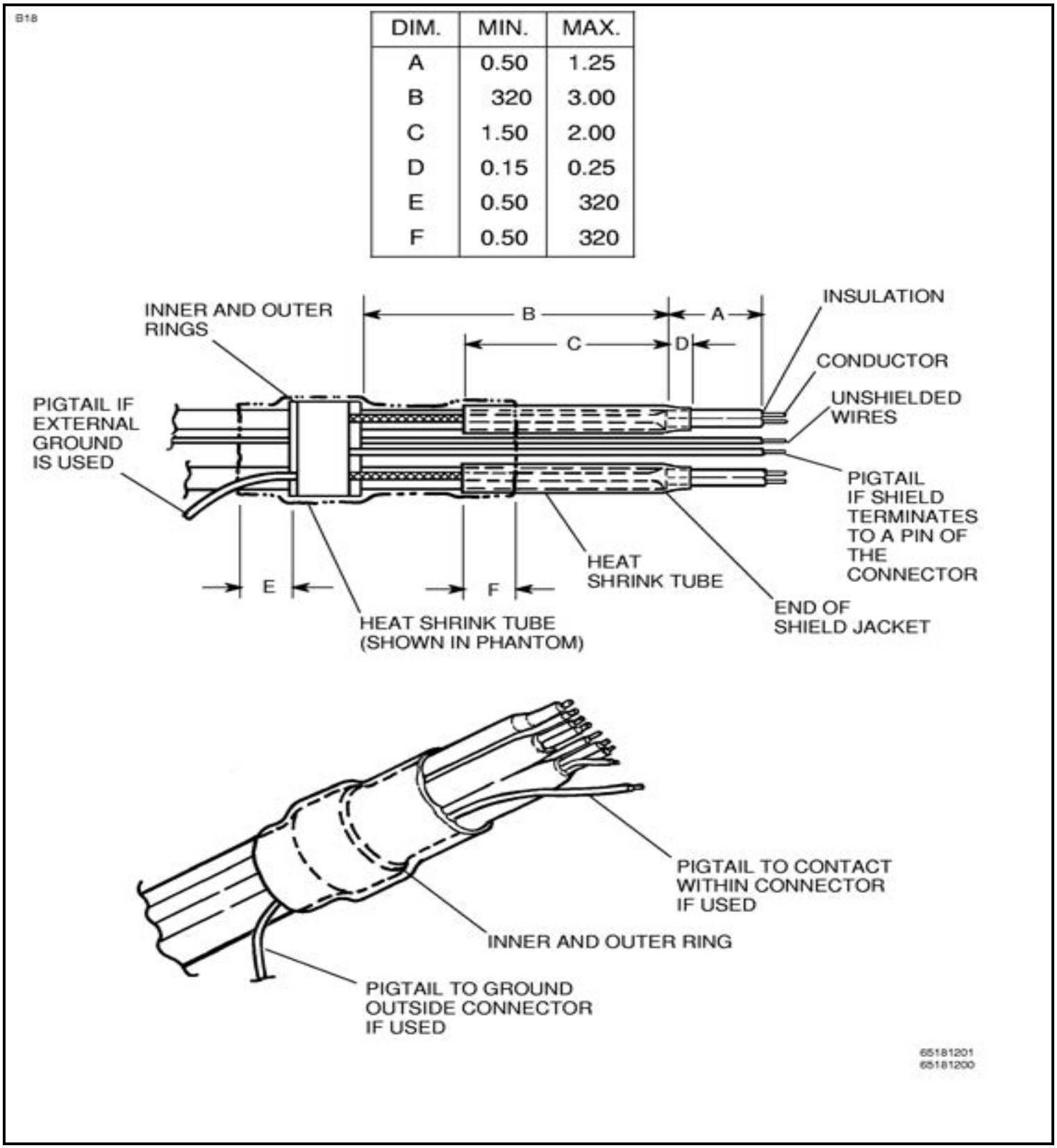
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Figure 204 : Sheet 1 : Preparation of Individual Shielded Cables Before Applying Method II



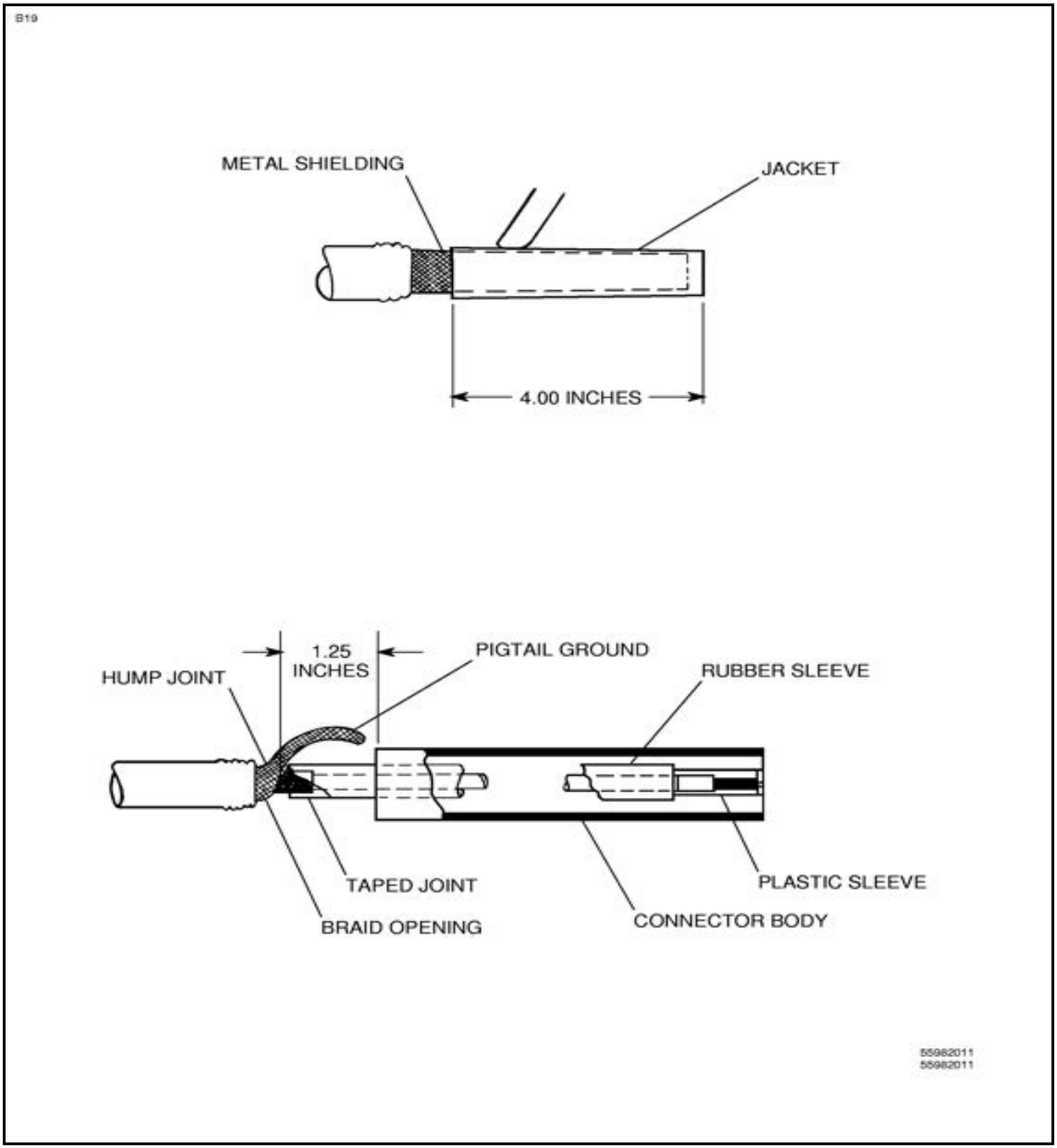
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Figure 205 : Sheet 1 : Multiple Shield Terminations Using Method II



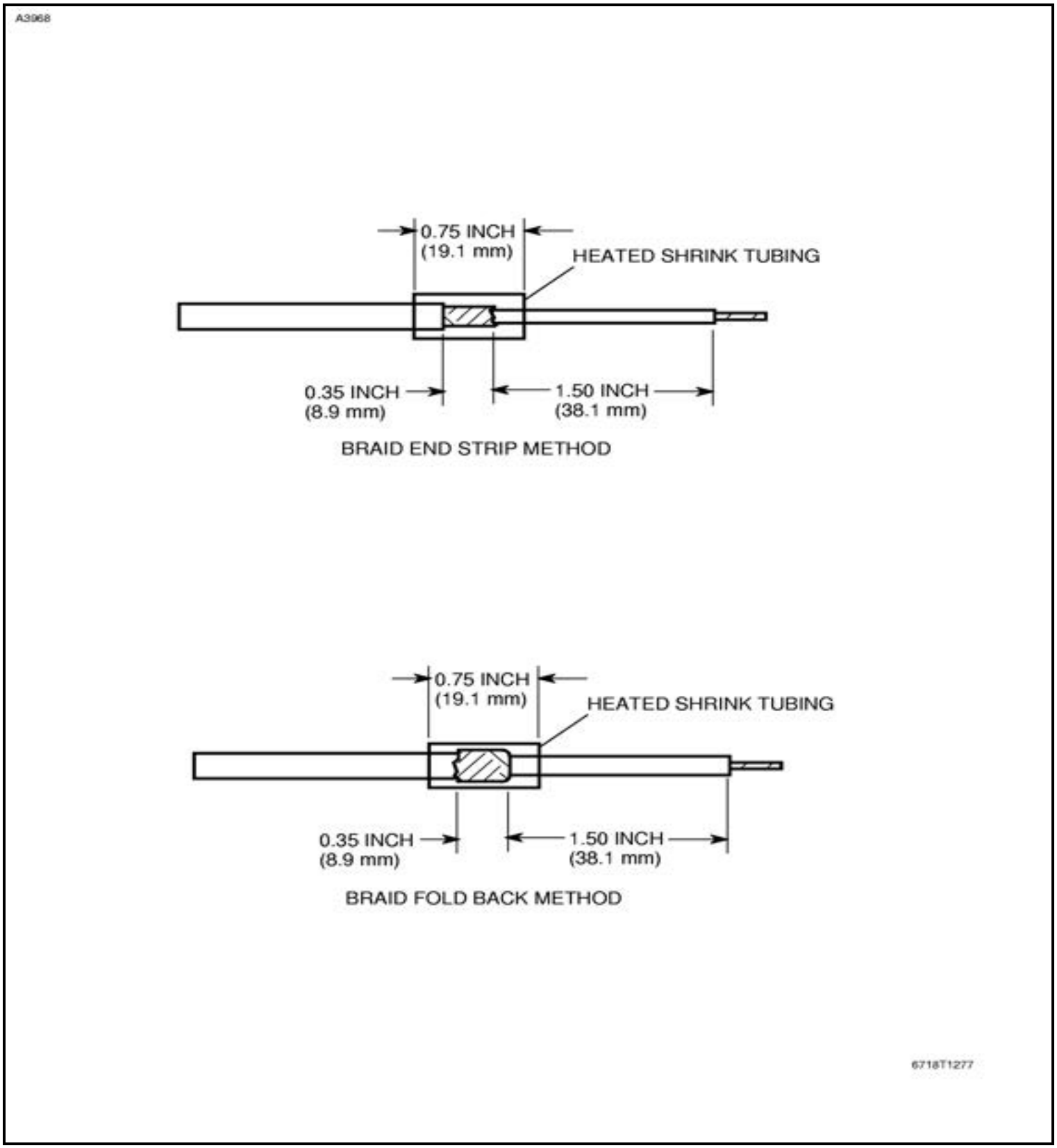
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Figure 206 : Sheet 1 : Shielded Cable Ground Installation



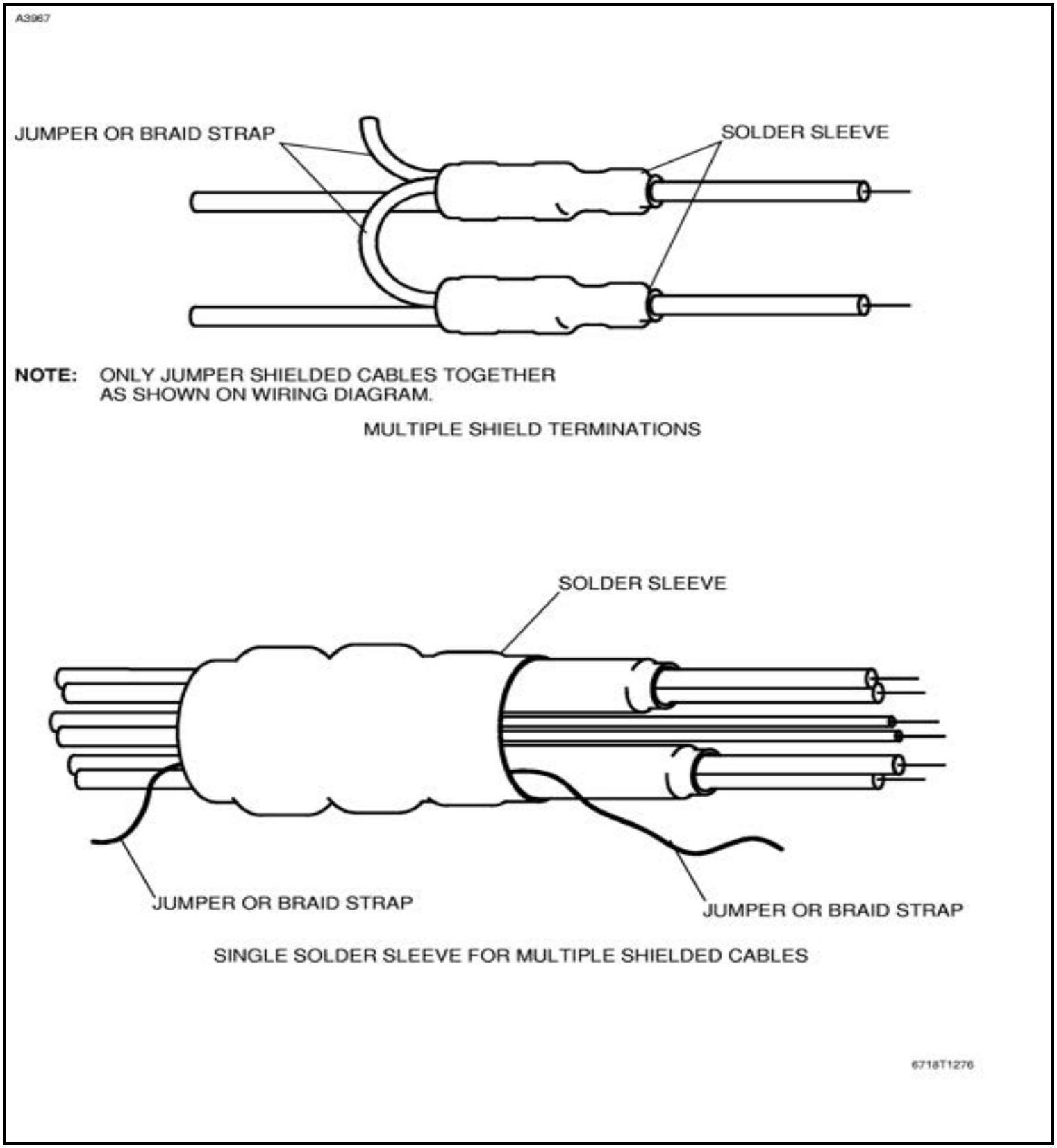
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Figure 207 : Sheet 1 : Dead End Shield Terminations



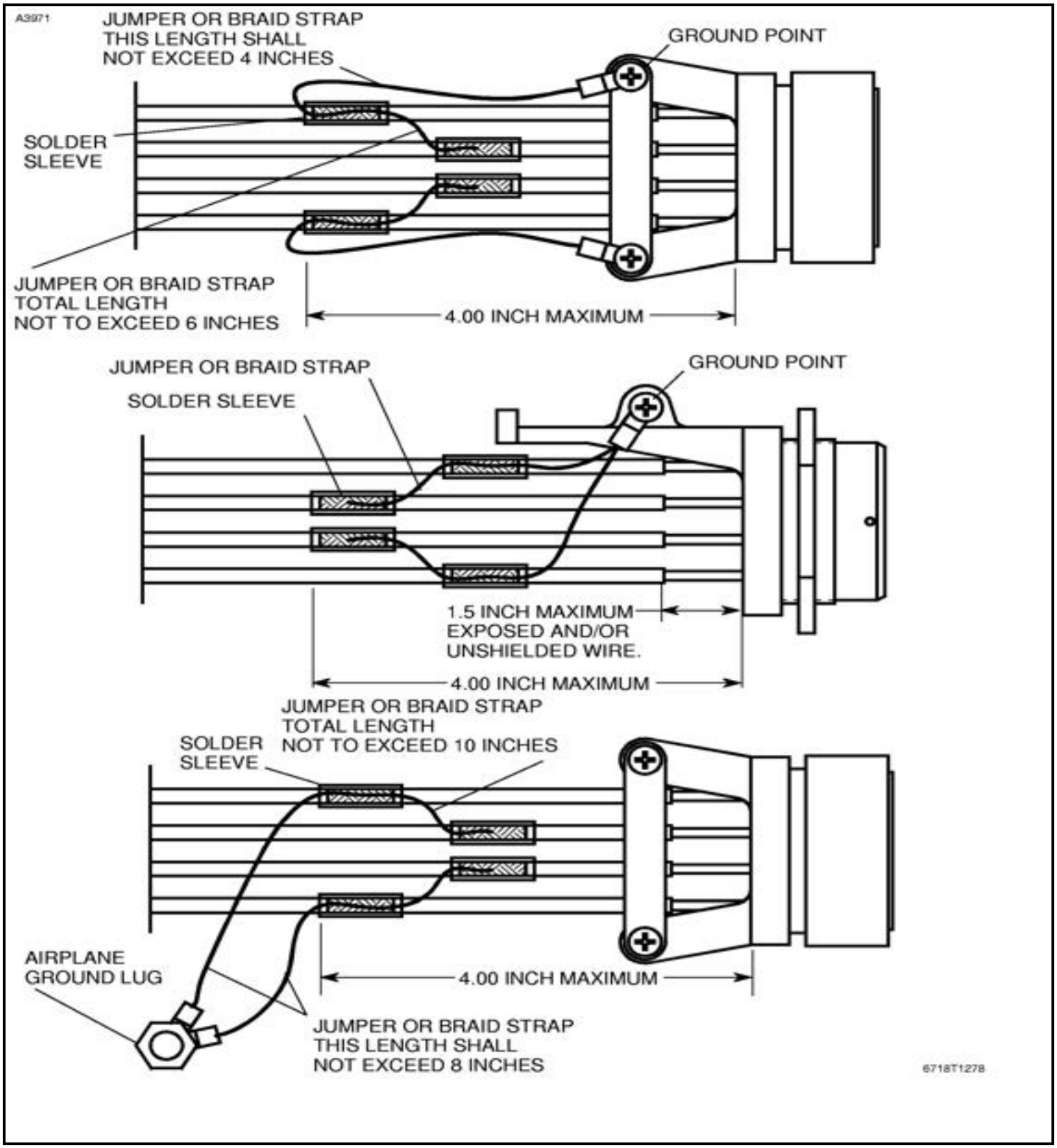
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Figure 208 : Sheet 1 : Shielded Cable Terminations



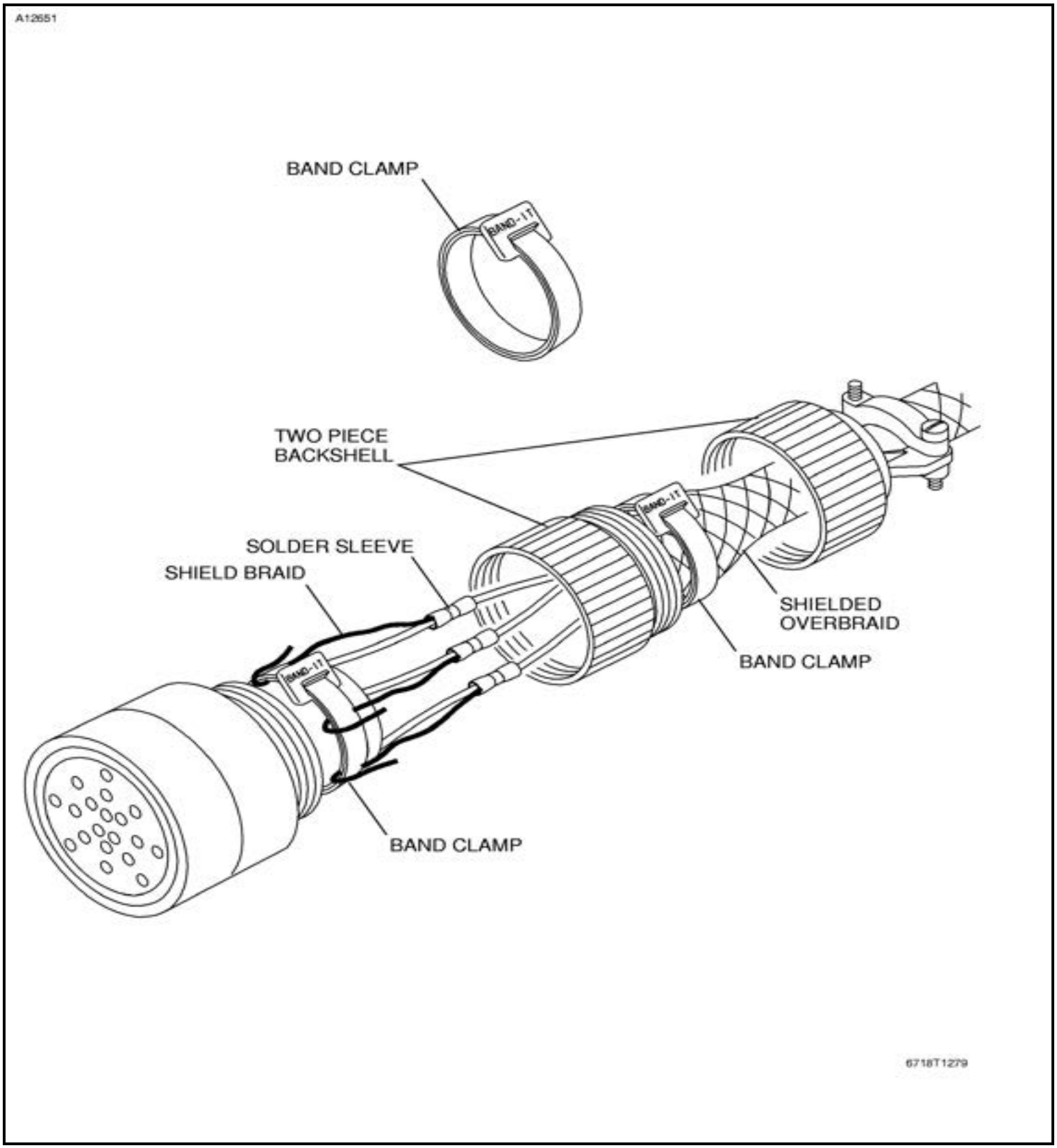
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Figure 209 : Sheet 1 : Shield Terminations at Connector Backshells



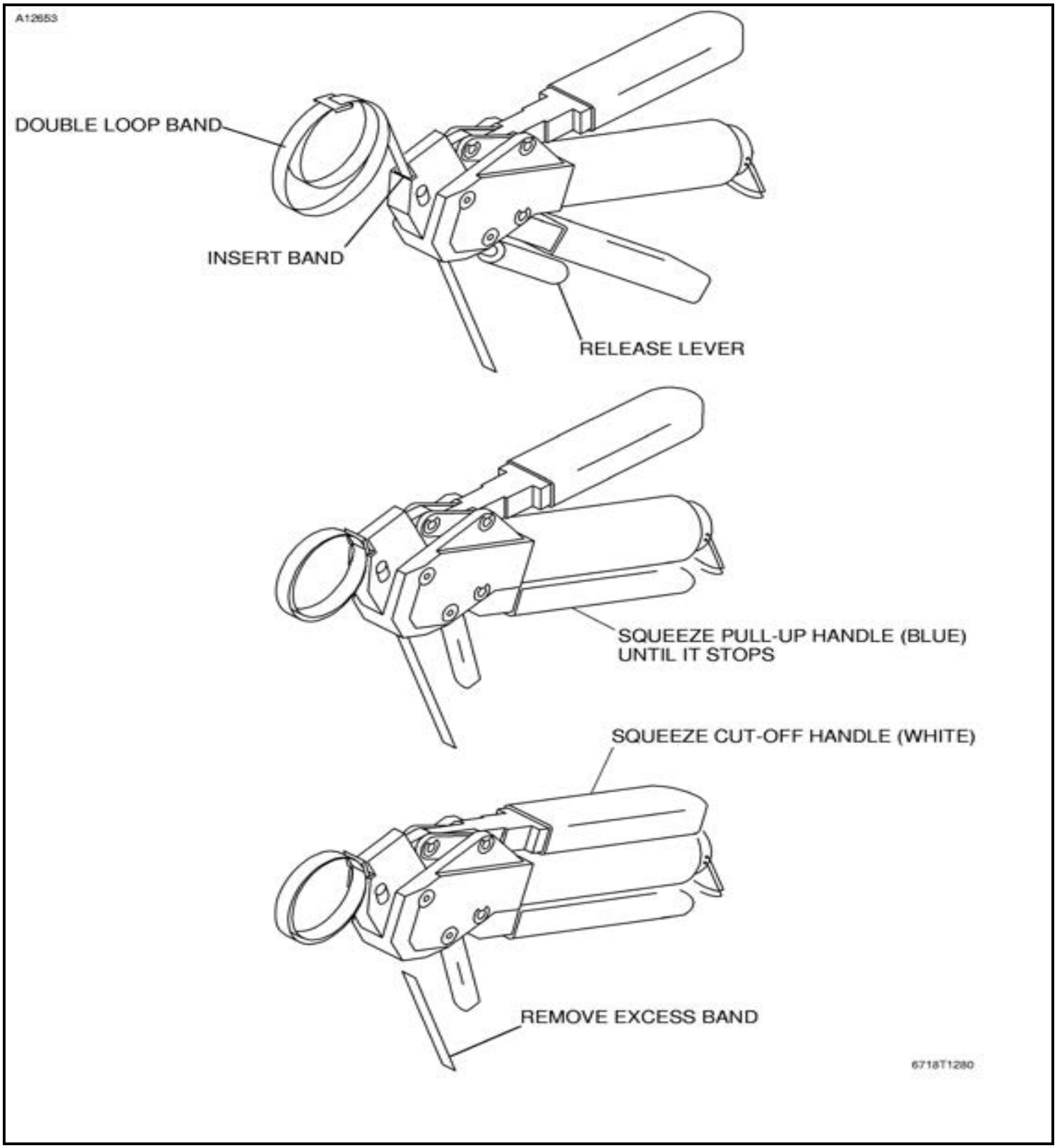
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Figure 210 : Sheet 1 : Band Clamp Installation



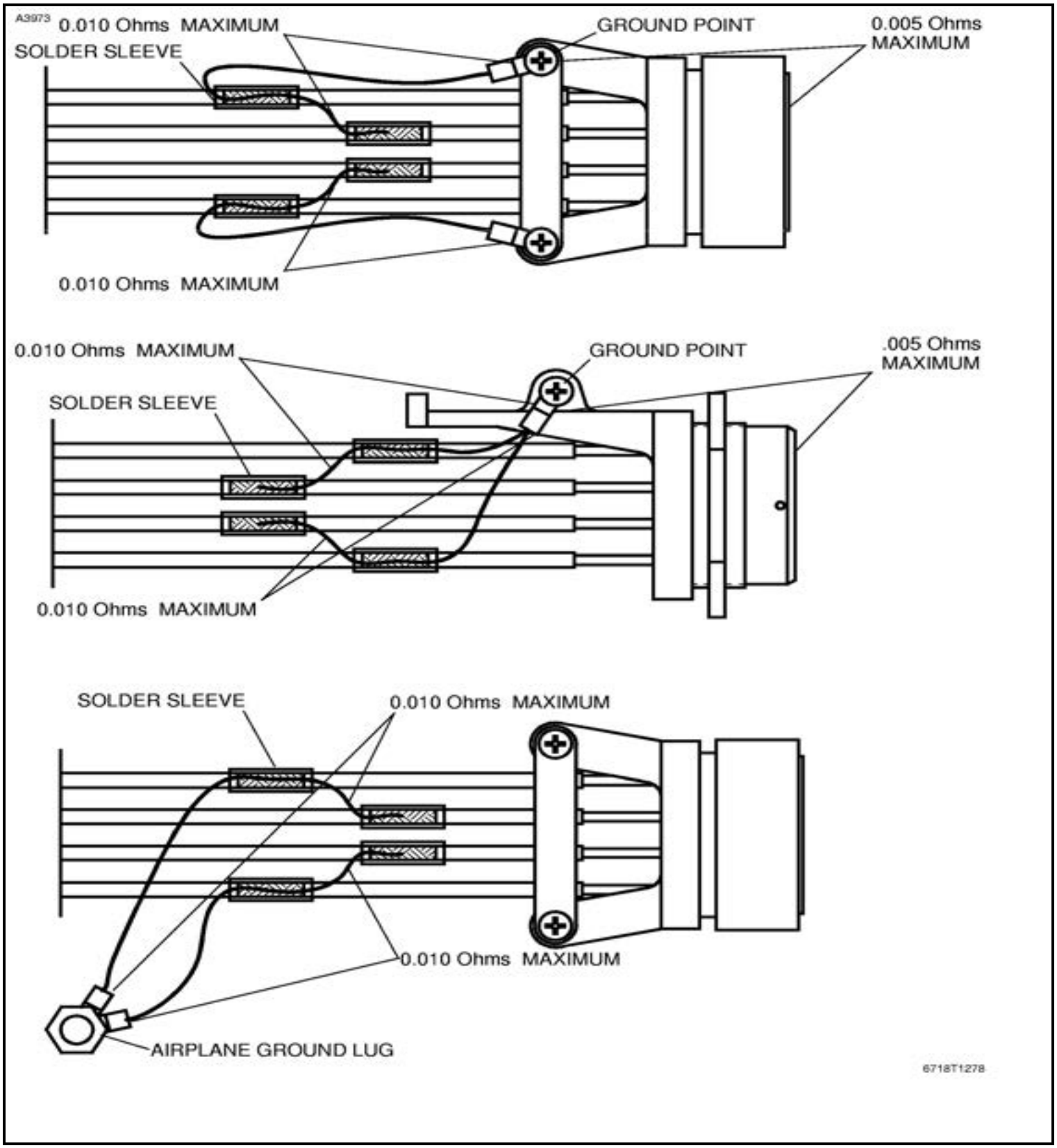
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Figure 210 : Sheet 2 : Band Clamp Installation



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Figure 211 : Sheet 1 : Resistance Values for Shield Terminations



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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.

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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

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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.

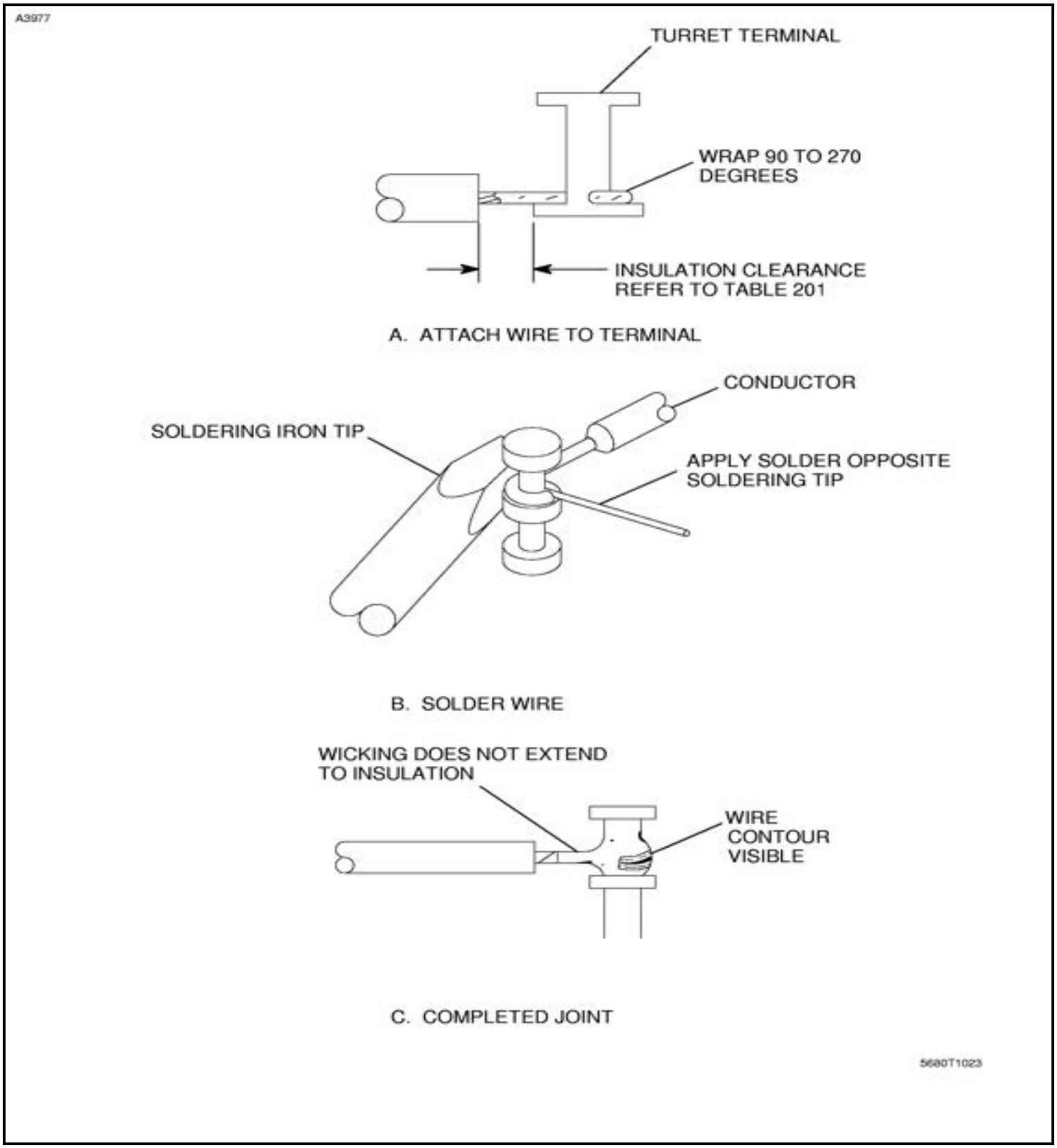
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(d) Once solder has softened, extract lead end from board from the side opposite component.
(e) Place solder wick over location of extracted component lead and heat solder wick with soldering iron.
(f) Wick remaining solder from lead connection hole 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.

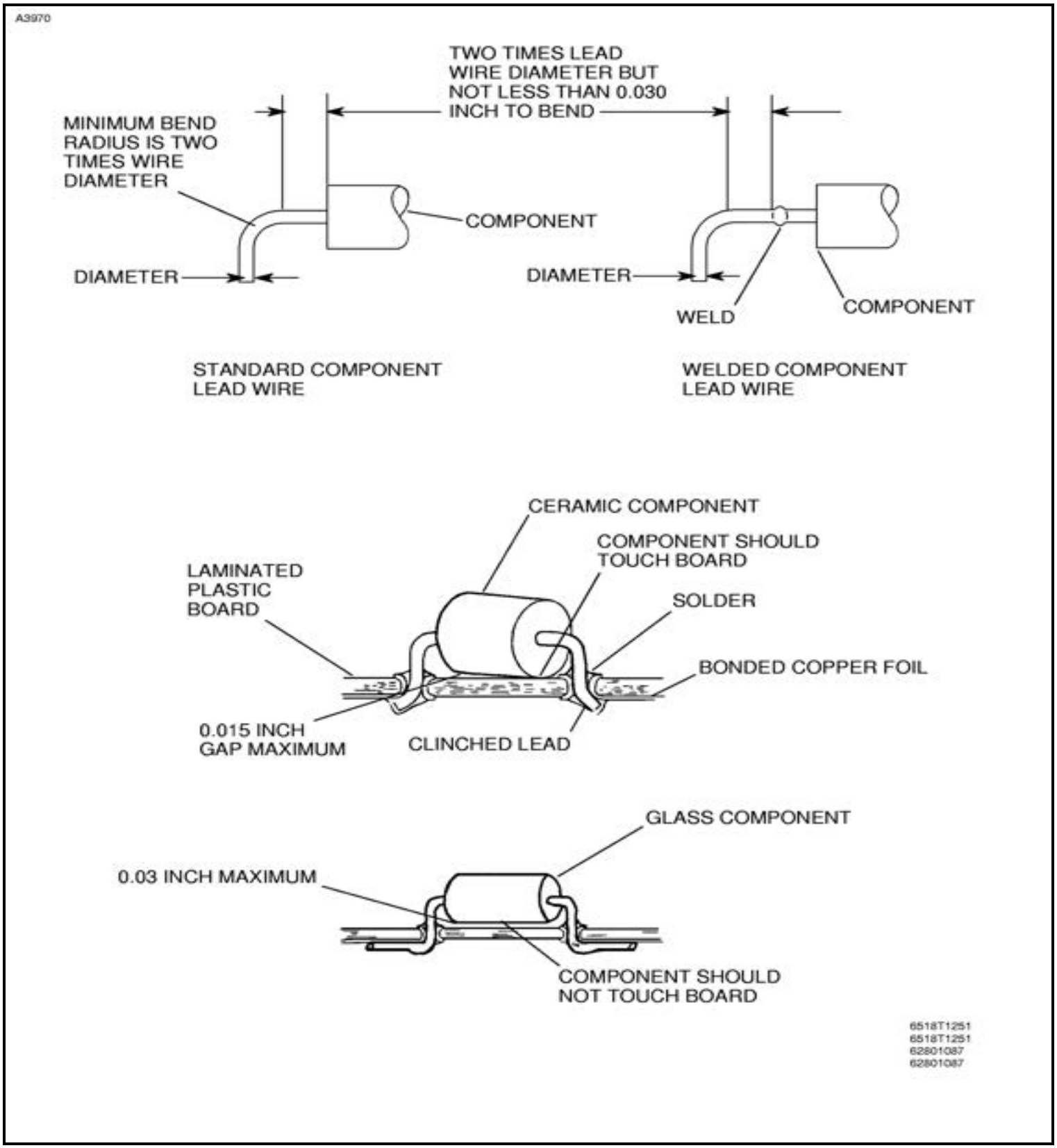
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Figure 201 : Sheet 1 : Soldering Turret Terminals



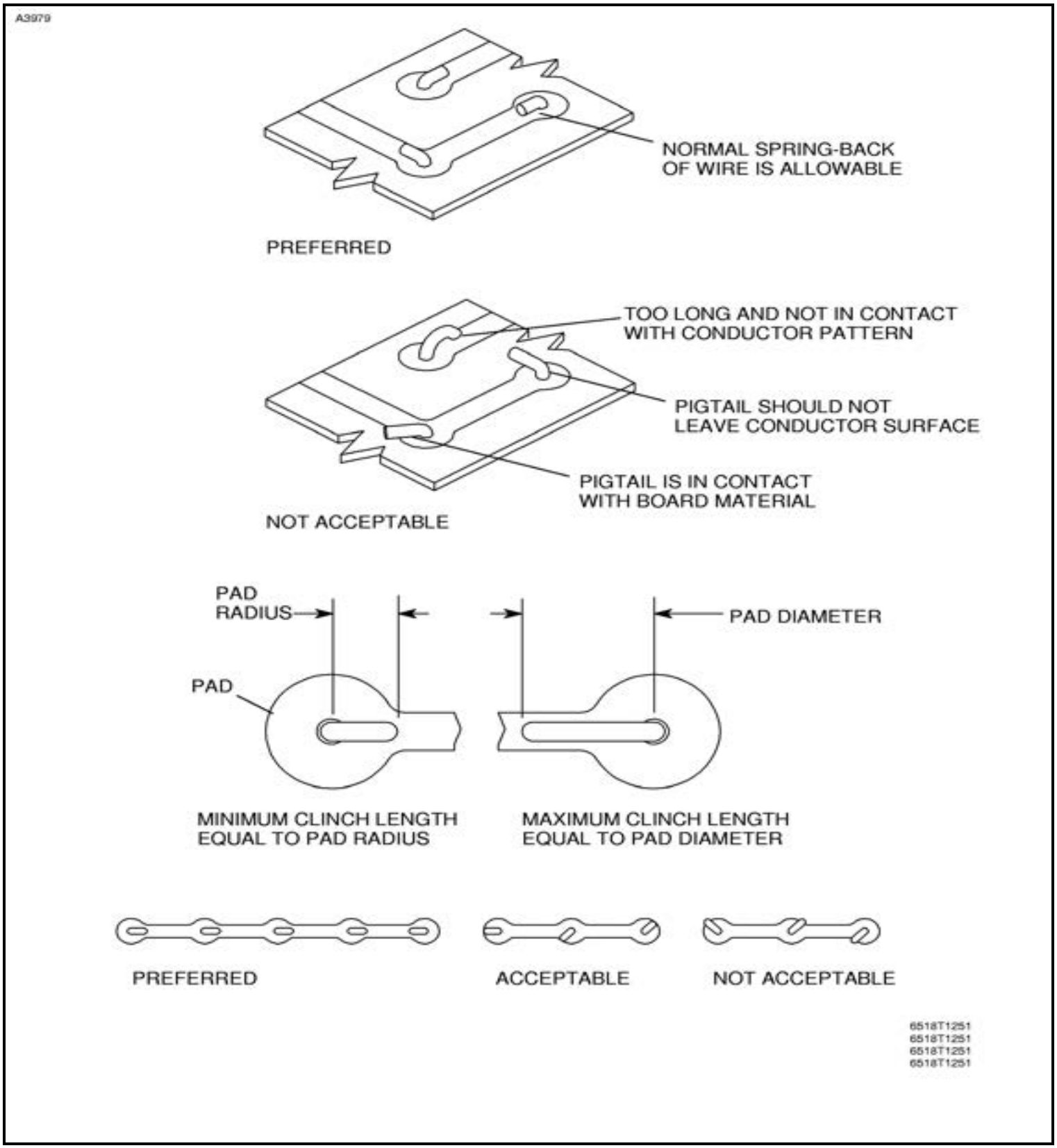
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Figure 202 : Sheet 1 : Installing Components on Printed Circuit Boards



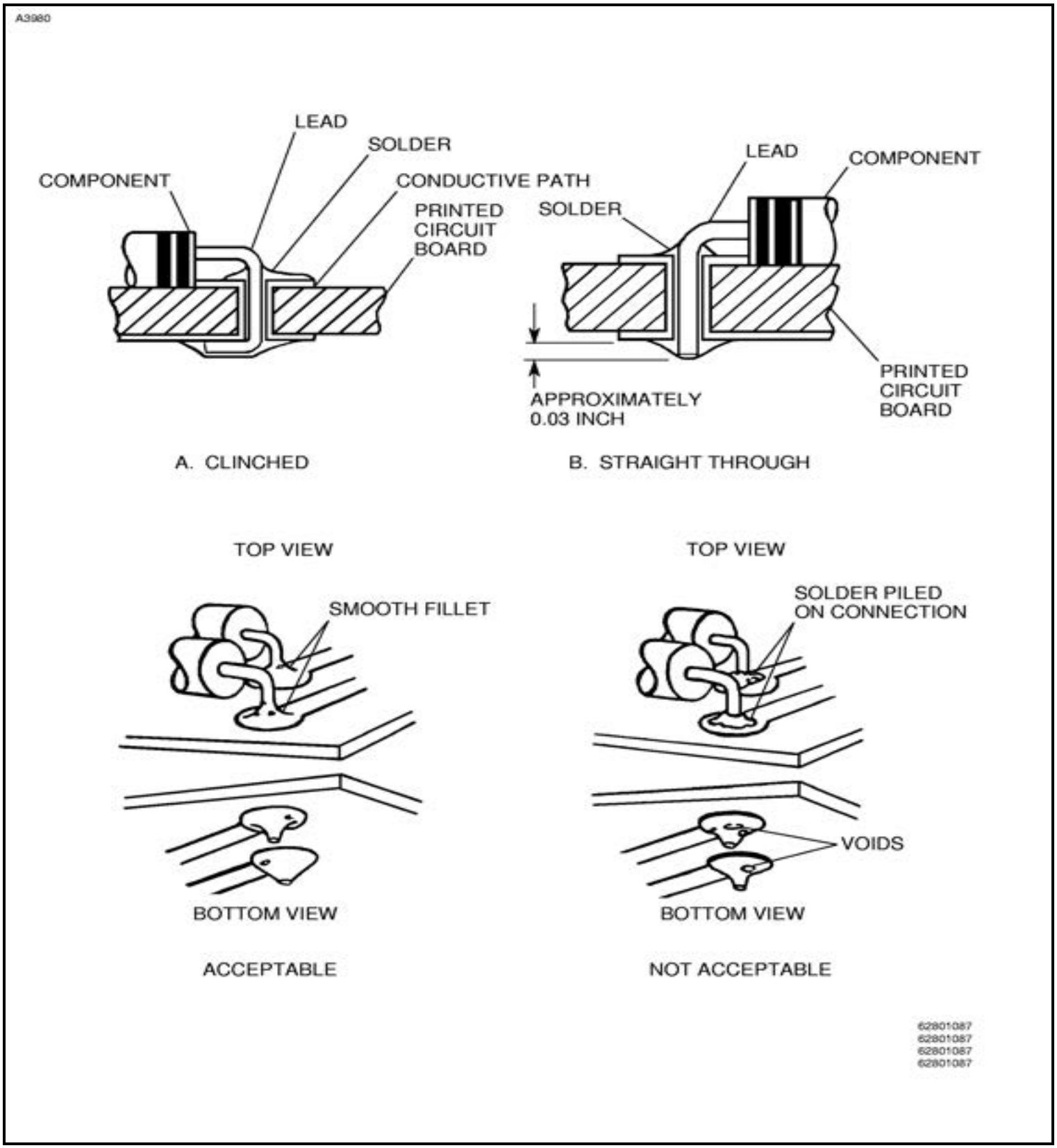
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Figure 202 : Sheet 2 : Installing Components on Printed Circuit Boards



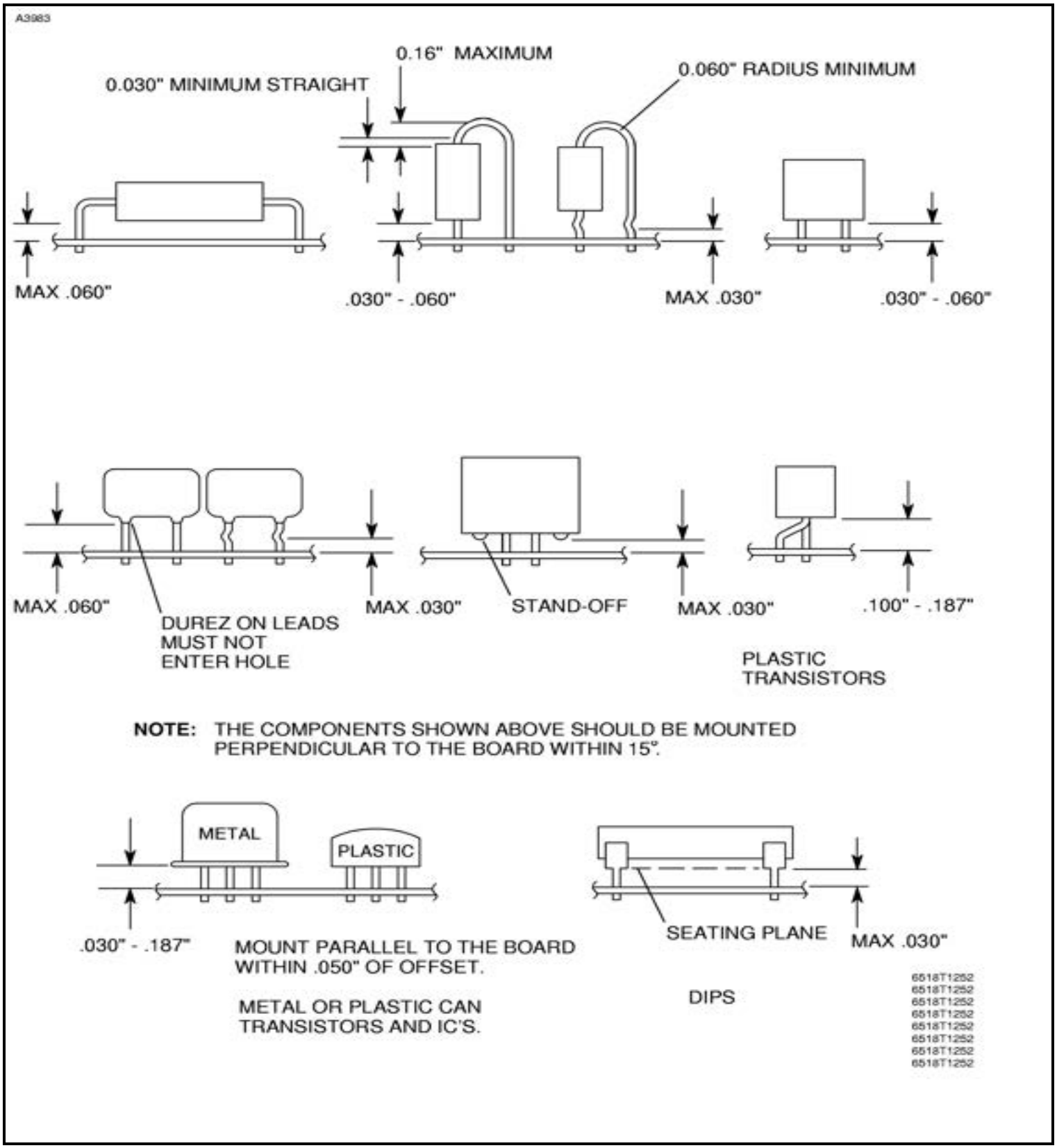
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Figure 203 : Sheet 1 : Soldering Printed Circuit Boards



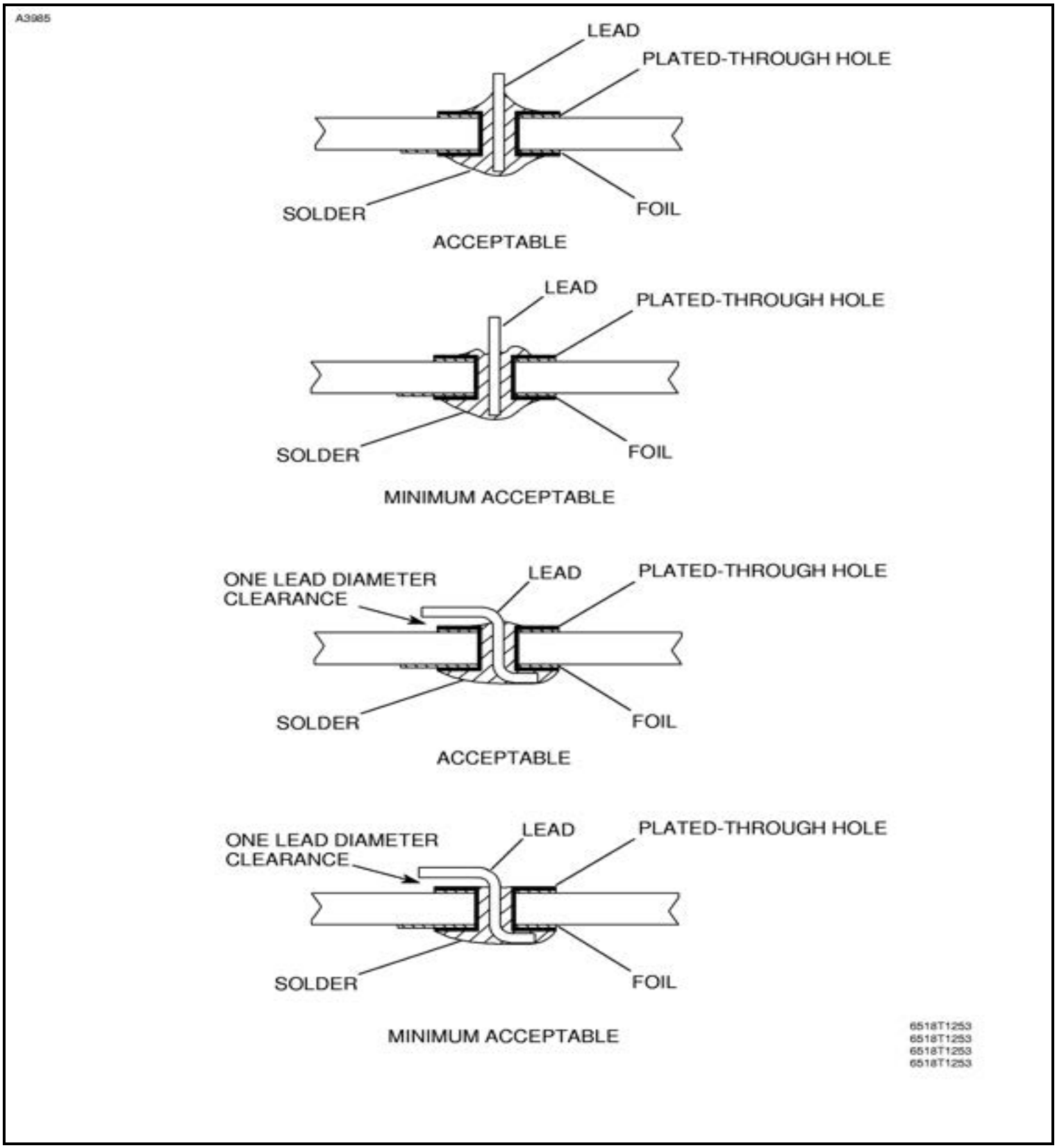
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Figure 204 : Sheet 1 : Soldering Printed Circuit Boards With Plated-Thru-Holes



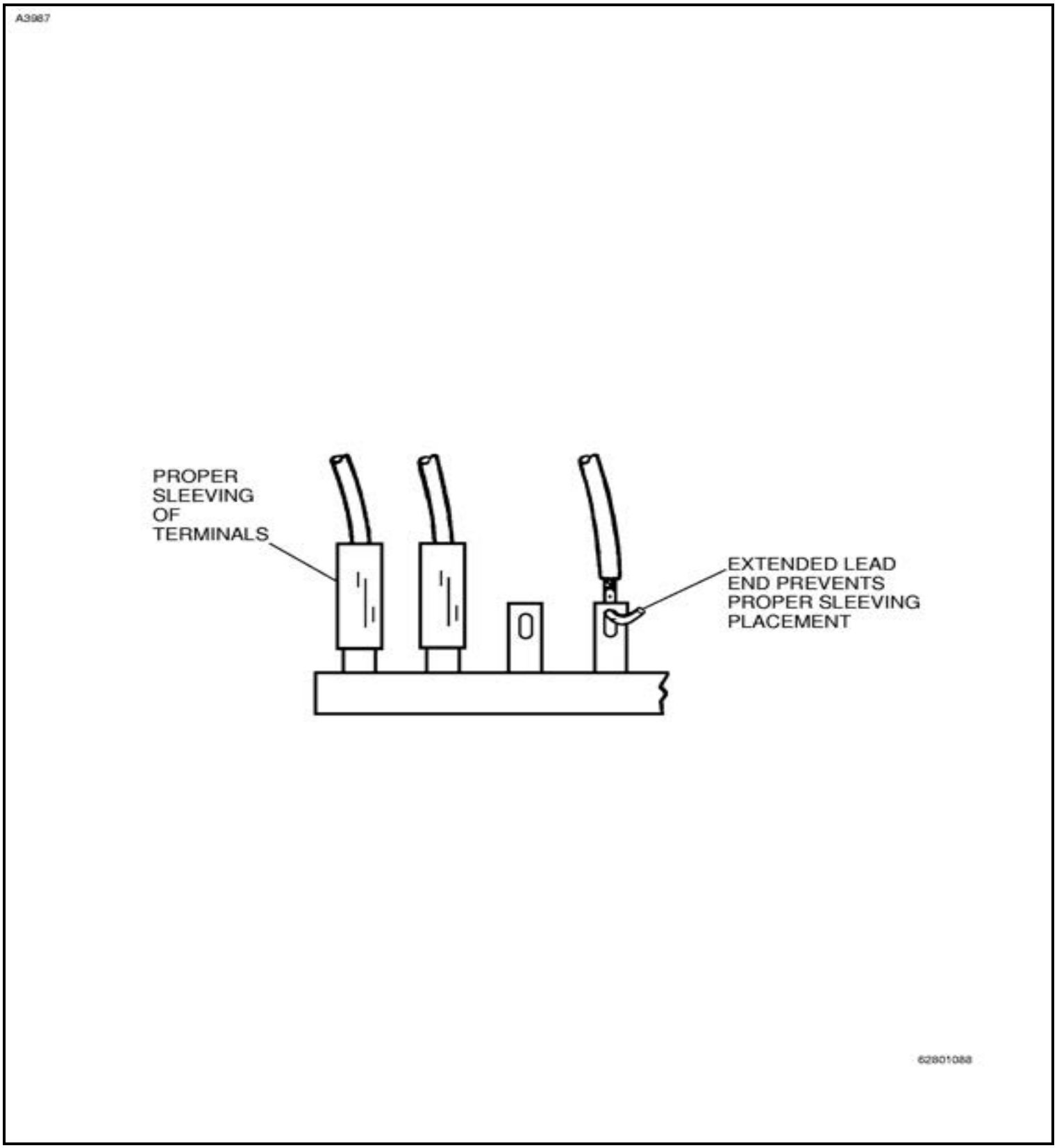
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Figure 204 : Sheet 2 : Soldering Printed Circuit Boards With Plated-Thru-Holes



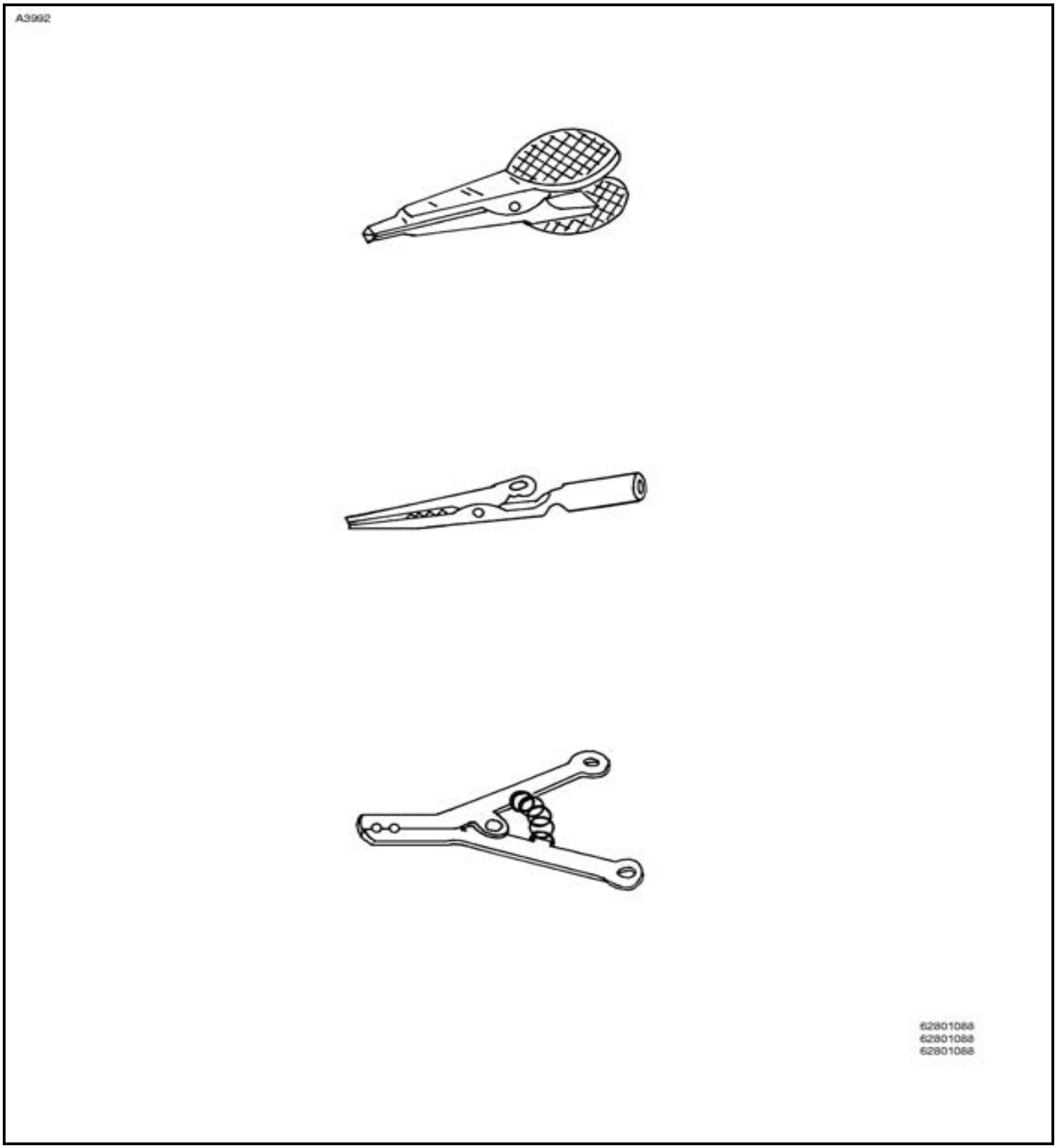
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Figure 205 : Sheet 1 : Soldering and Sleeving of Insulated Terminals



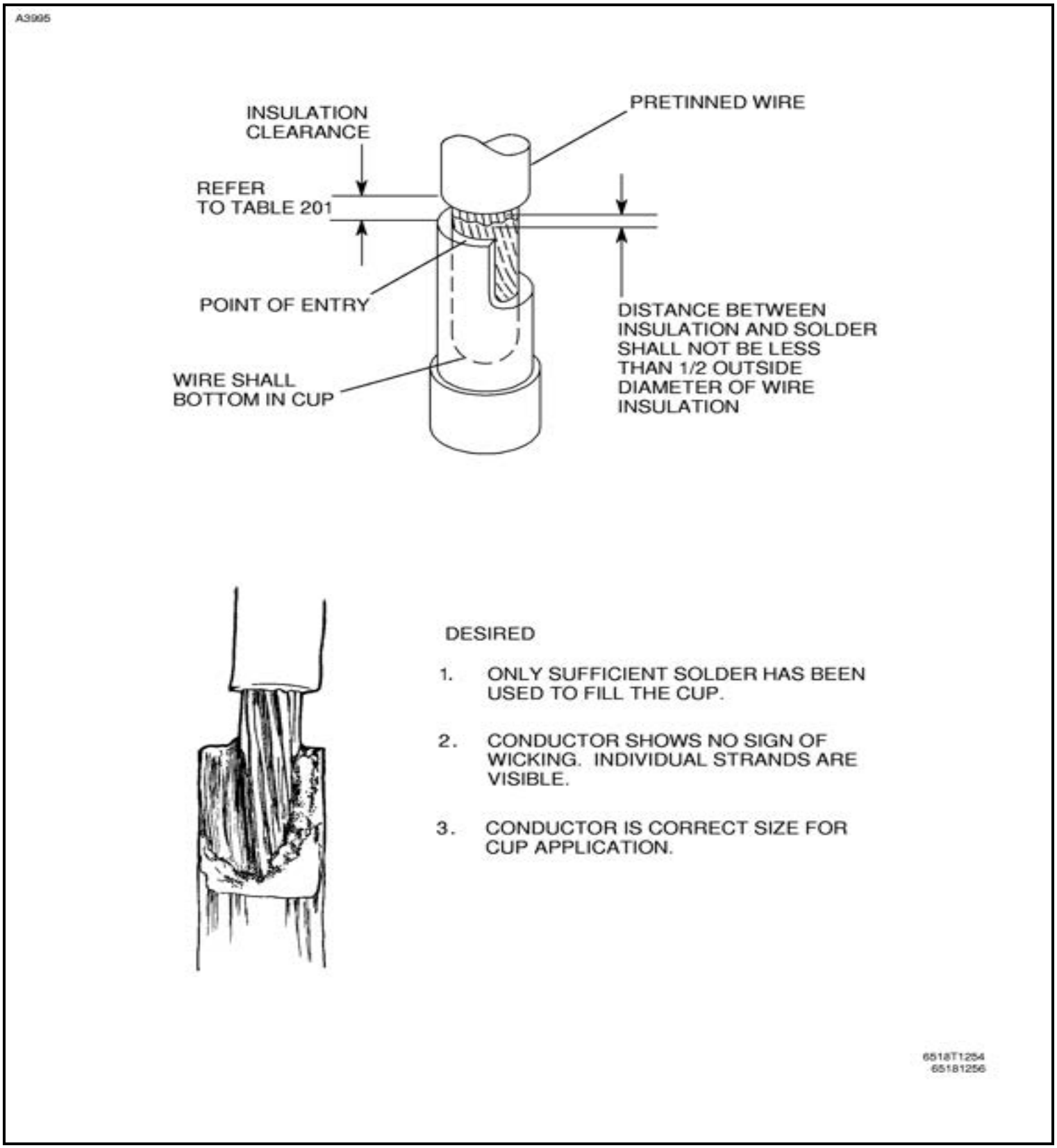
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Figure 206 : Sheet 1 : Typical Thermal Shunts



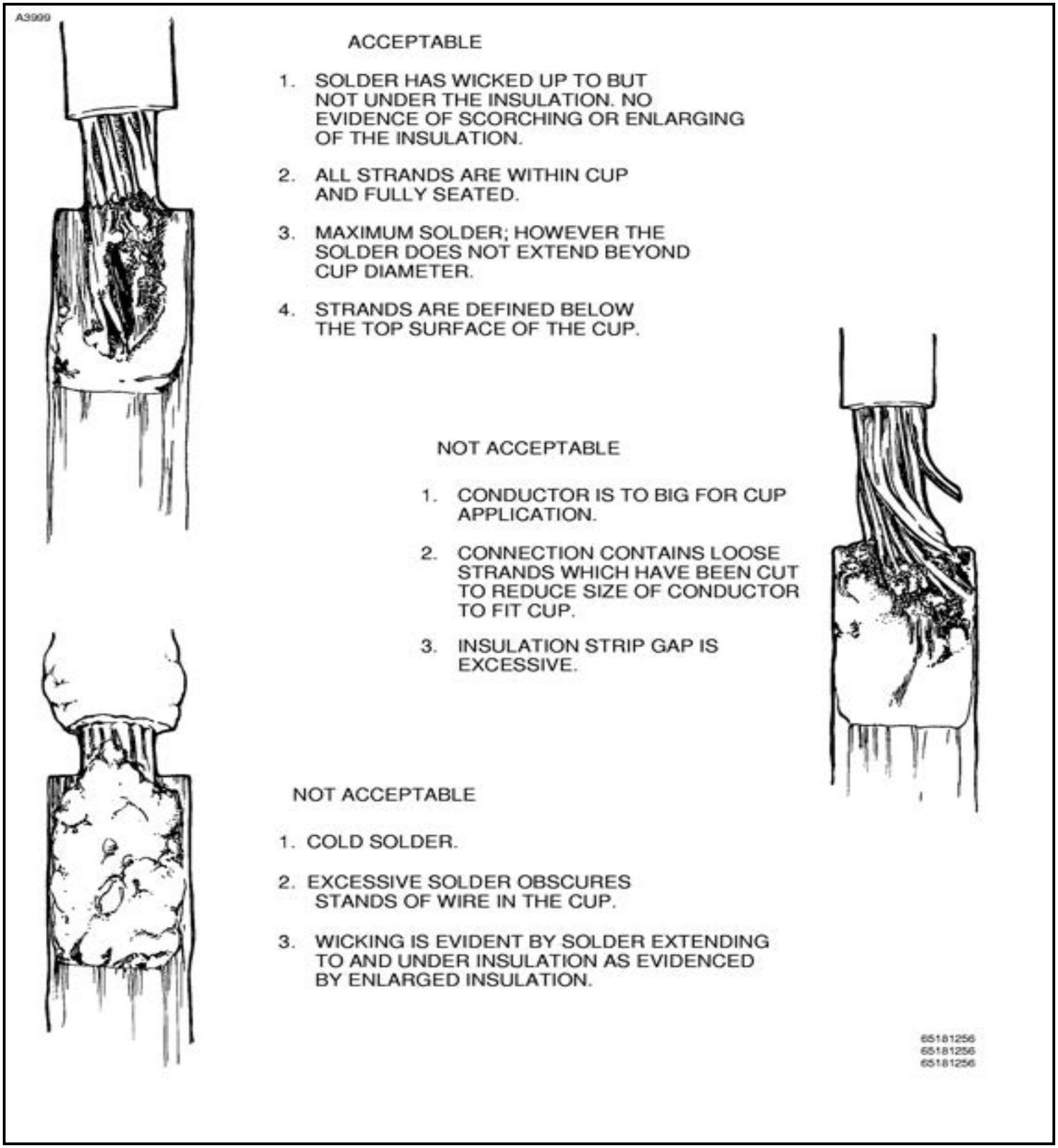
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Figure 207 : Sheet 1 : Soldering Solder Cup Terminals



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Figure 207 : Sheet 2 : Soldering Solder Cup Terminals



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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
LMD4001X		V49367	Refer to Figure 208	
			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 209	
			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
RE04, RE54, RM04, RM54		V11139	Refer to Figure 210	
			RE/RM Series Connectors	
AWG	Pin	Socket	Insertion Tool	Extraction Tool
16	2841-7-9016	2803-5-0016	M15570-16	M15570-16
18	2841-7-9016	2803-5-0016	M15570-18	M15570-18
20	103300-31	103304	M15570-20	M15570-20
22	2841-5-9000	2803-4-0000	M15570-22	M15570-22
24	2841-5-9000	2803-4-0000	M15570-24	M15570-24
S1637-1, S1637-2			Refer to Figure 207	
			AMP Commercial Mate-N-Lock Series Connectors	
AWG	Pin	Socket	Insertion Tool	Extraction Tool

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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

S3070-11, S3070-12

Refer to Figure 208
LMD4000 Series Connectors

AWG	Pin	Socket	Insertion Tool	Extraction Tool
20	S3070-7	S3070-8	MIL-I-81969/14-01	MIL-I-81969/14-01

S3070-9, S3070-10

Refer to Figure 208
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

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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
103300-31	M15500-20-7	
103304	MS3191-1	
2803-4-0000	MH800-K127 Daniels Mfg. Co. Pontiac, Michigan	
2803-5-0016	M15500-16-7	
2803-5-0016	MS3191-1	
2841-5-9000	MH800-K127 Daniels Mfg Co. Pontiac, Michigan	
2841-7-9016	M15500-16-7	
2841-7-9016	MS3191-1	
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
S1635-1	90123-2	
S1636-1	90123-2	
S3070-5	M22520/2-01	
S3070-6	M22520/2-01	M22520/2-07
S3070-7	M22520/1-01	M22520/1-02
S3070-8	M22520/1-01	M22520/1-02

D. All environmentally sealed type connectors will have all empty cavities filled with unwired contacts (pins and sockets) and sealing plugs.

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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.
(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.

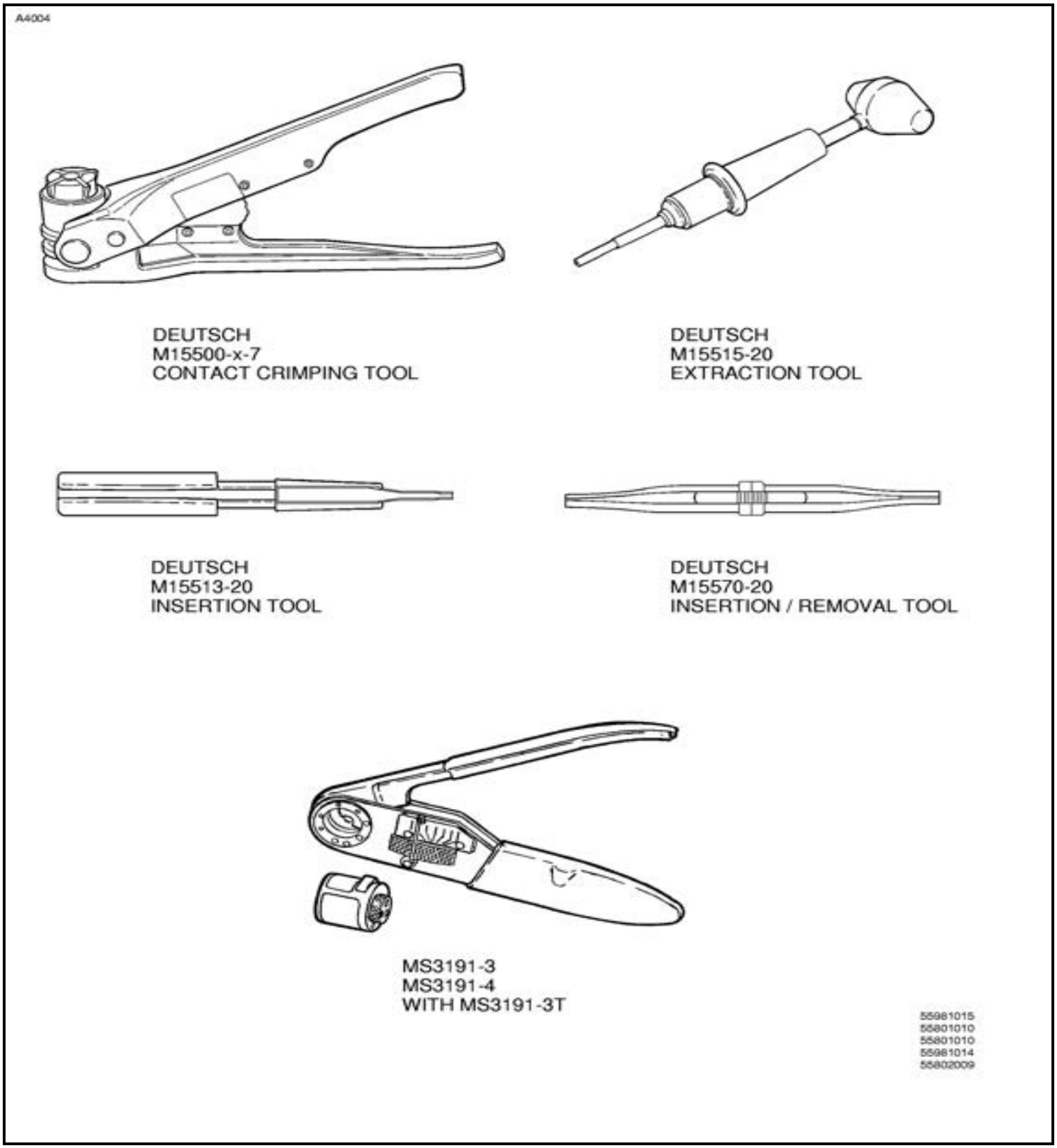
A. Installing Contacts. Refer to Figure 203 and Figure 204.
(1) Strip insulation from wire ends. For number 12 to number 20 contacts, strip 1/4 to 5/16 inch. For number 20 contacts, strip 5/32 to 7/32 inch.
(2) Insert wire into contact until wire strands are visible in inspection hole.
(3) Crimp contact 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.

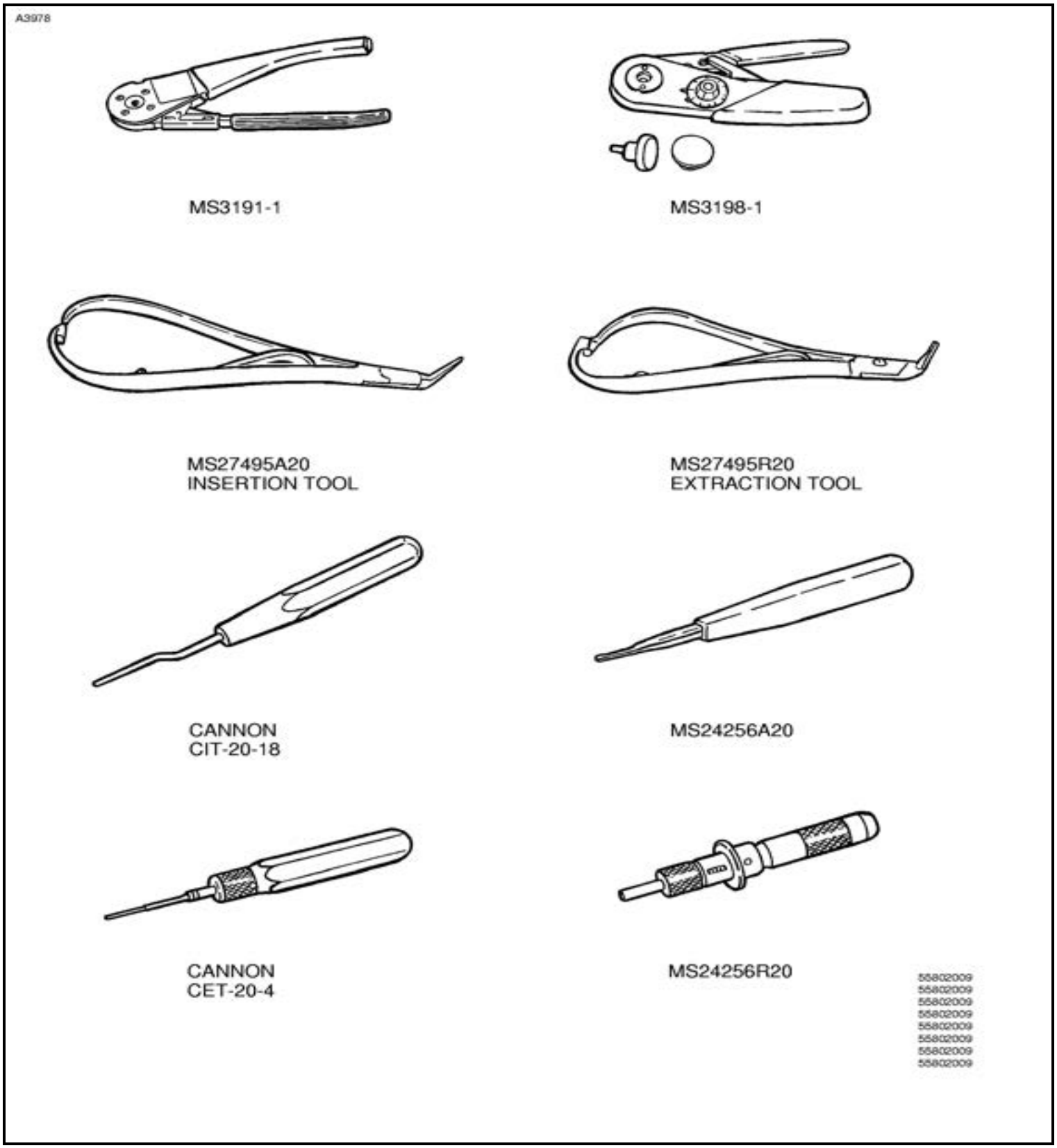
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Figure 201 : Sheet 1 : Typical Tools for Crimp-Type Connectors



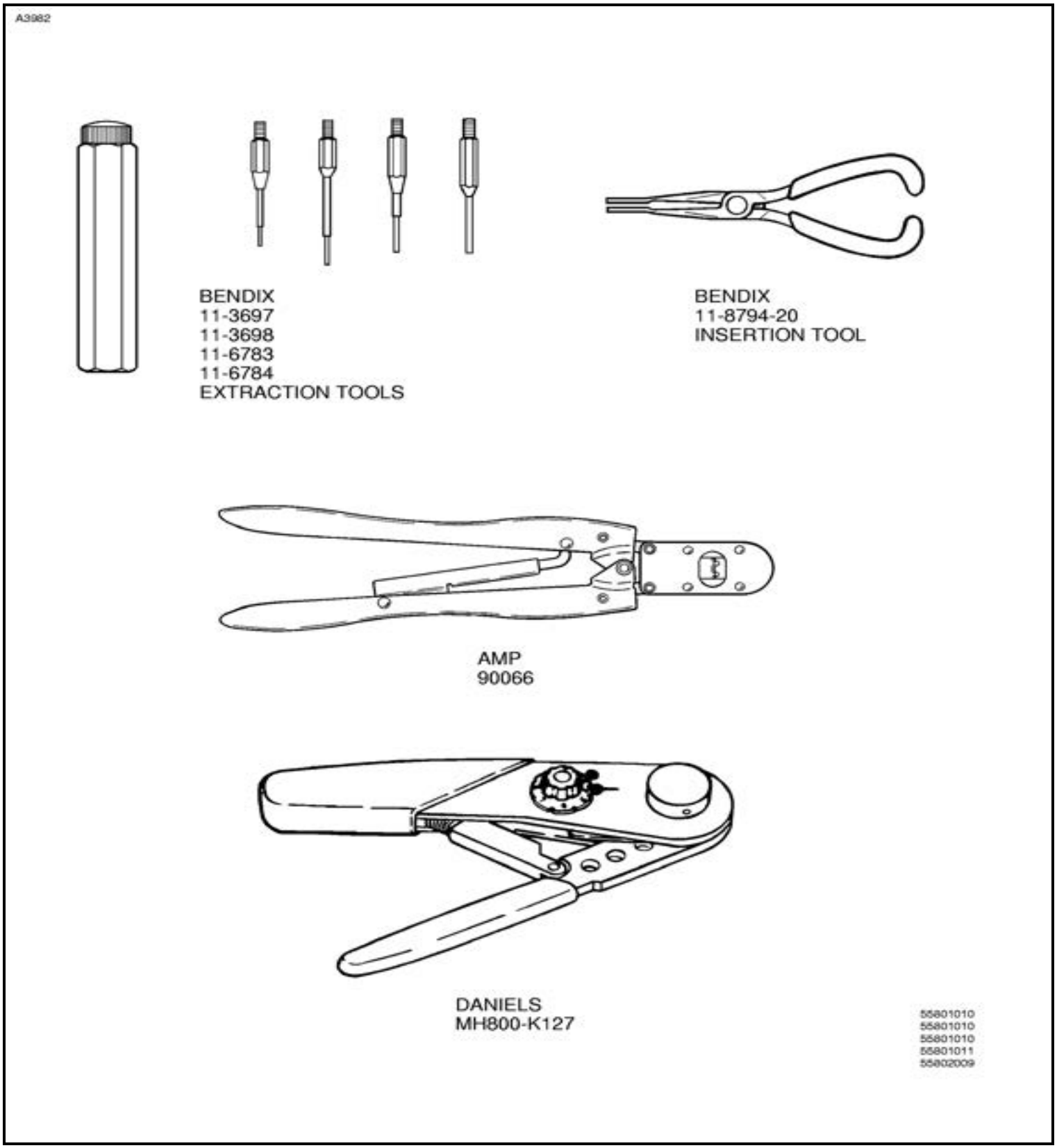
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Figure 201 : Sheet 2 : Typical Tools for Crimp-Type Connectors



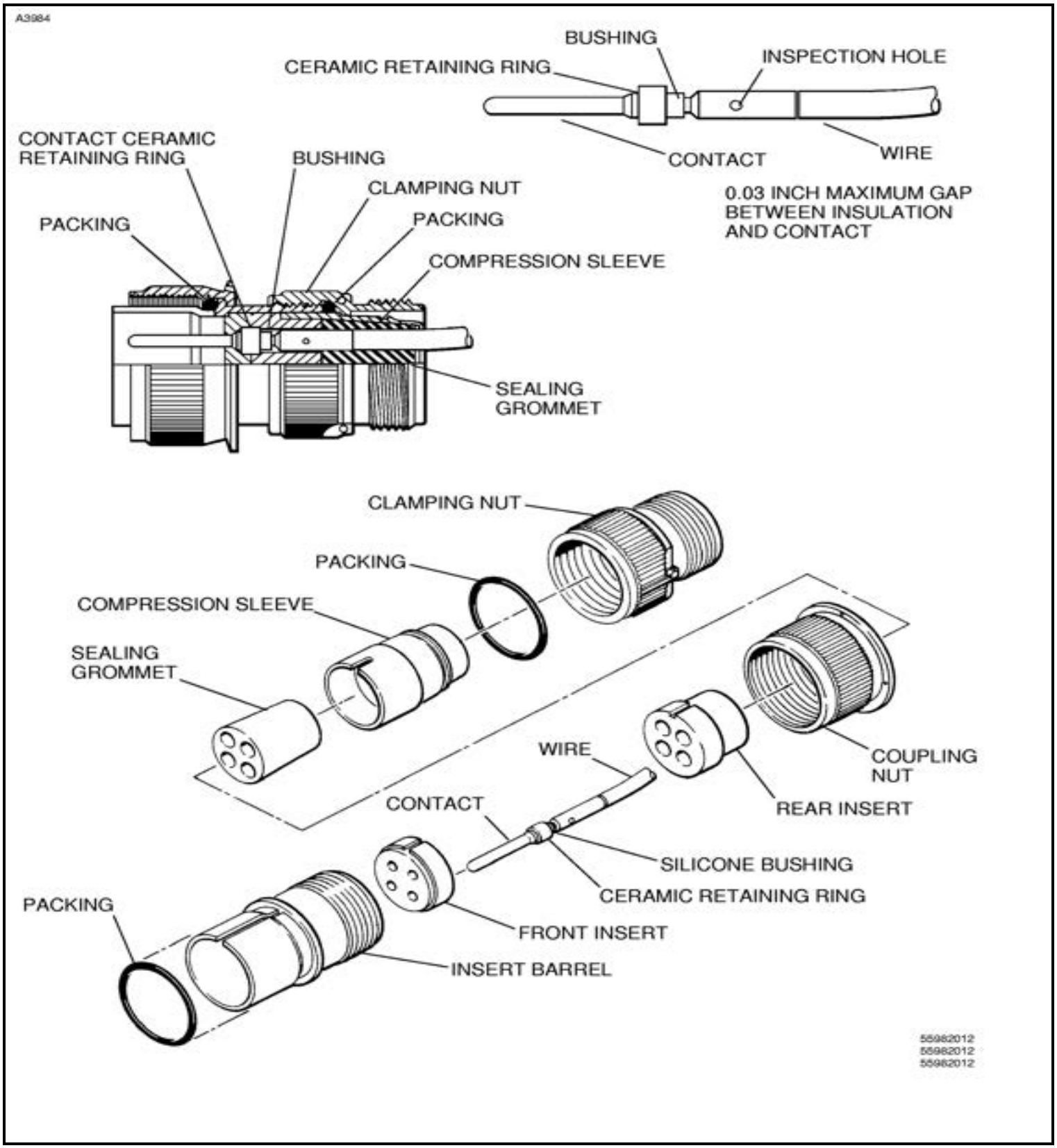
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Figure 201 : Sheet 3 : Typical Tools for Crimp-Type Connectors



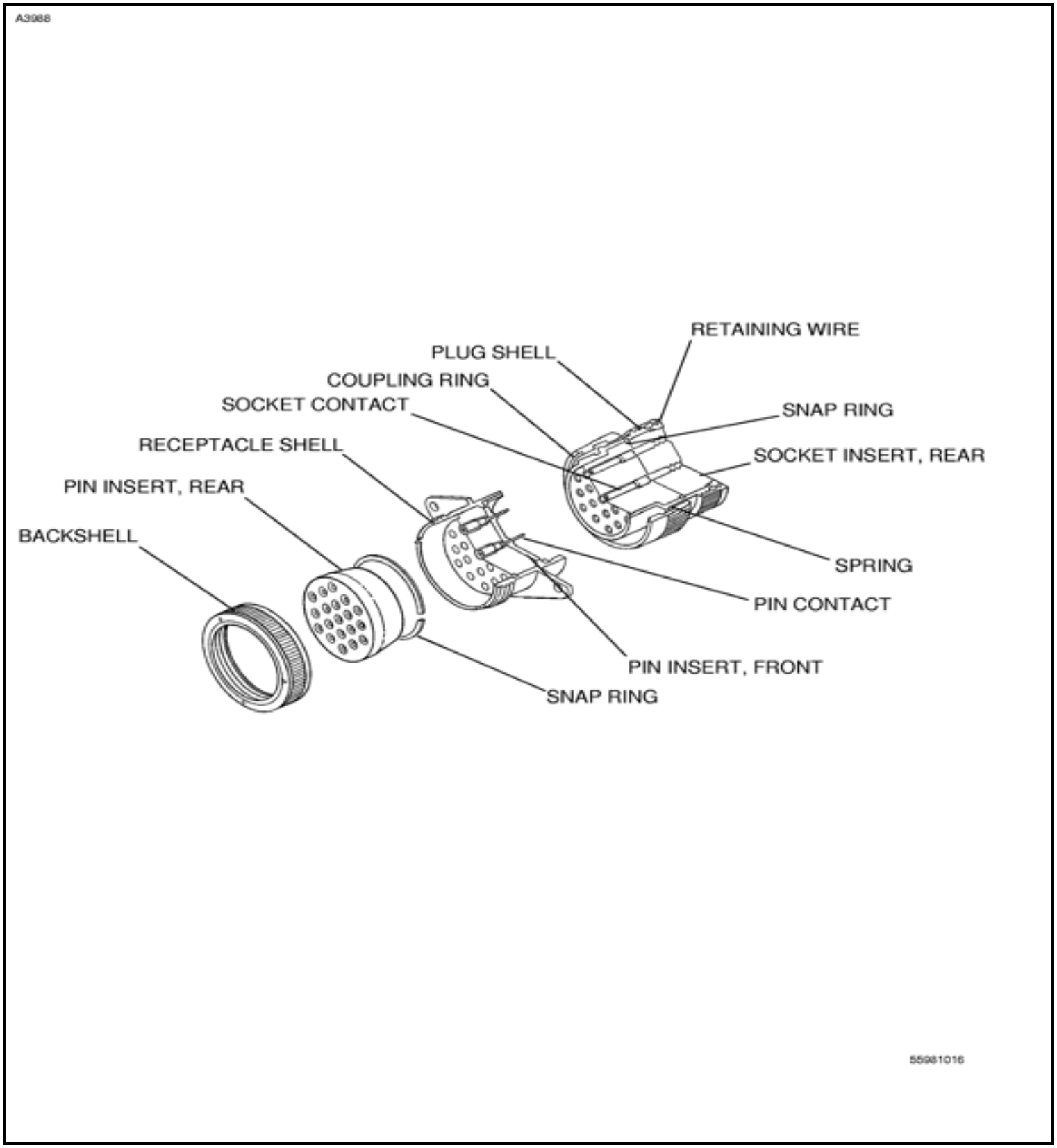
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Figure 202 : Sheet 1 : Solder-Type Connectors



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Figure 203 : Sheet 1 : Crimp-Type Connector Assembly



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Figure 204 : Sheet 1 : Typical Removal and Installation of Rear-Release Contacts

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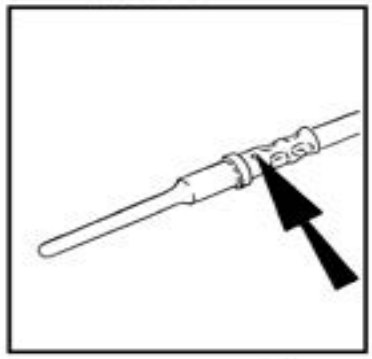
1. Drop either the pin or socket contact to be crimped into the crimping tool with the contact crimp barrel facing up. This tool features a universal crimp stop which is interchangeable with pins and sockets.



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.

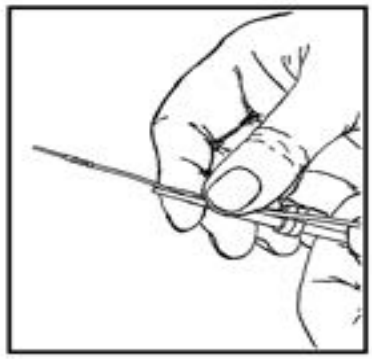


3. Visibility of the wire in the contact inspection hole (arrow) indicates that the wire is crimped into the contact at the proper depth and dimension.



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.)



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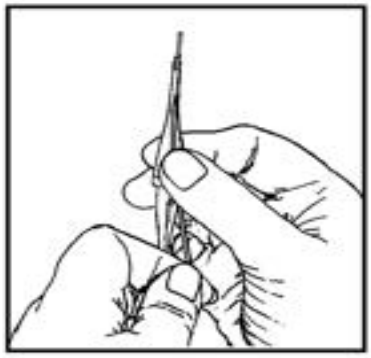
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Figure 204 : Sheet 2 : Typical Removal and Installation of Rear-Release Contacts

A3996

TO INSERT (Continued)

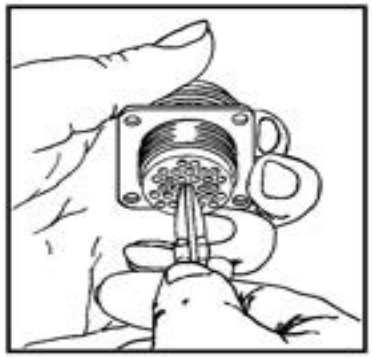
2. Pull the wire back through the tool until the tip of the tool seats against the shoulder.



3. Holding the connector with the backshell removed and the rear insert facing you, slowly push the contact straight into the connector insert.

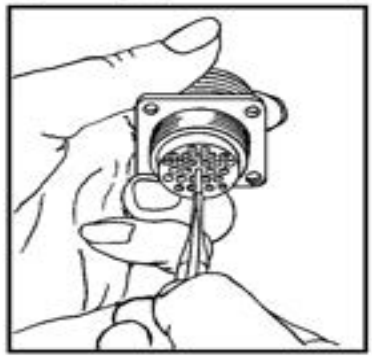


4. A firm stop will be evident when the contact positively seats in the connector insert. Then let go of the wire and pull out the tool.



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.



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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.

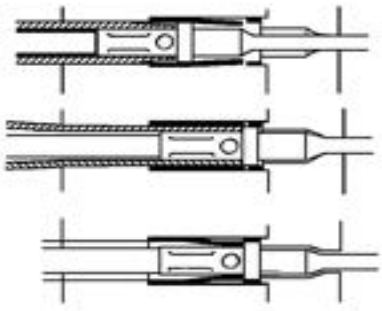


CONTACT INSERTION

Contact partially inserted with insertion end of tool.

Contact fully inserted as tool expands tines.

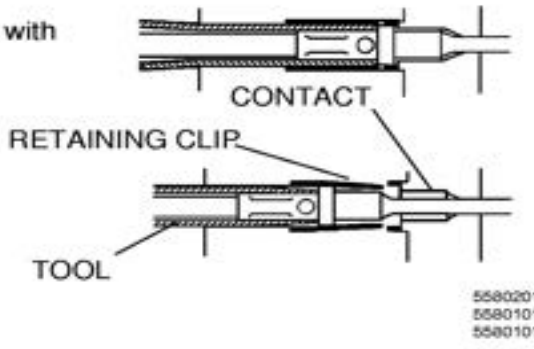
Tines snap behind contact shoulder when tool is removed.



CONTACT EXTRACTION

Tines expanded beyond contact shoulder with extraction end of tool, ready for release.

Contact partially removed.



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Figure 205 : Sheet 1 : Typical Removal and Installation of Front-Release Contacts

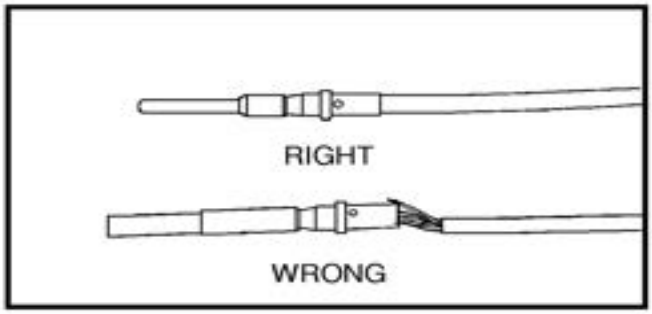
A4010

CRIMPING CONTACTS

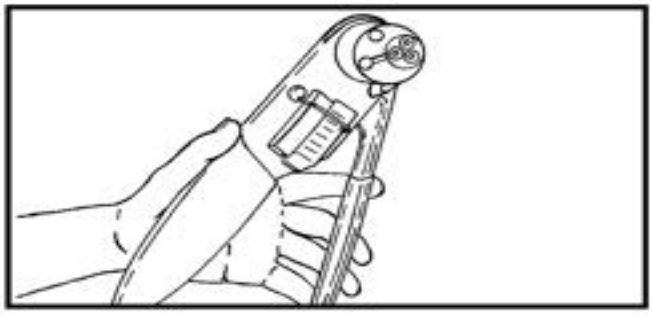
1. Strip wires according to the table, taking care not to cut or nick strands.

Contact Size	Wire Size AWG	Strip Insulation
	Number	
20	20 - 24	0.18
16	Number 16 - 20	0.25

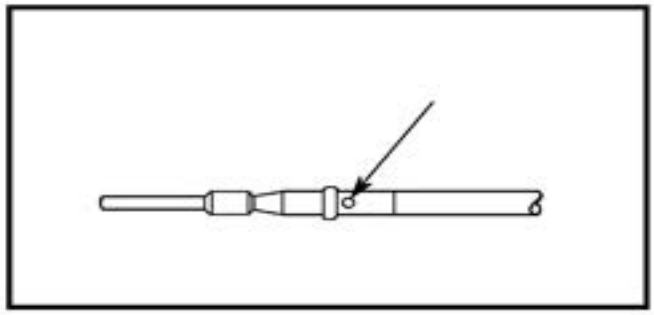
2. Insert stripped wire into contact crimp pot. Wire must be visible through inspection hole



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.



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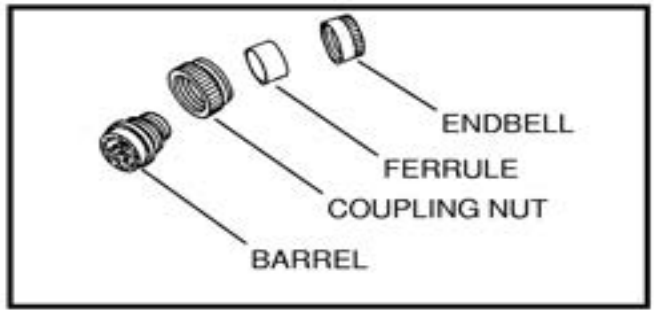
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Figure 205 : Sheet 2 : Typical Removal and Installation of Front-Release Contacts

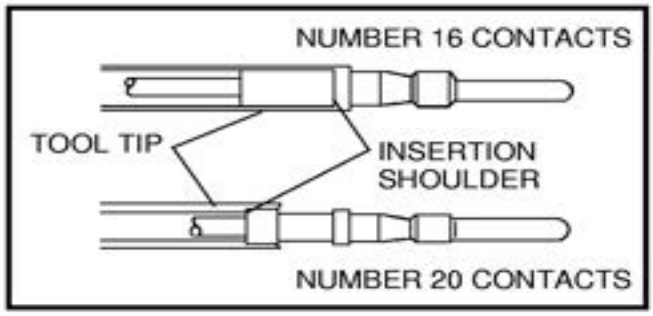
A4016

CONTACT INSERTION

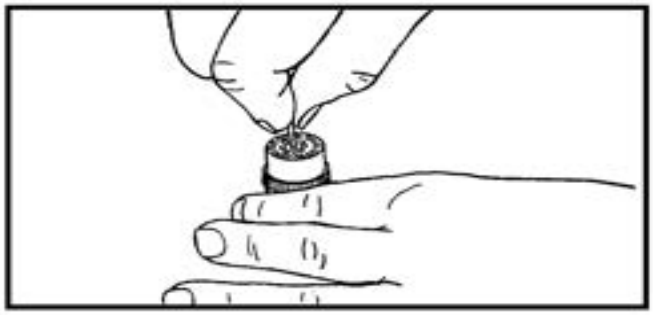
5. Remove hardware from plug and receptacle. Slide hardware over wire bundle in proper order for reassembly.



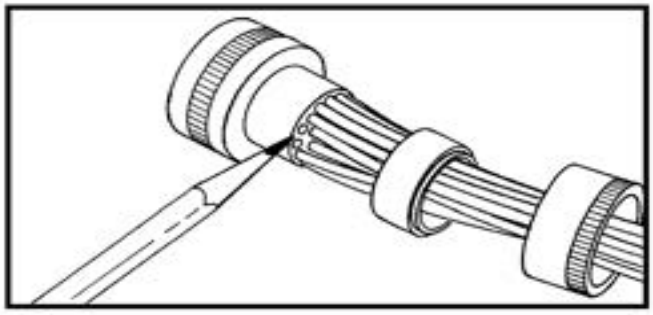
6. Use the proper contact insertion tool, and slide the tool over the terminal end of the contact. The size 16 contact lies in the tool and the tool tip butts against the contact shoulder. The rear, or insulation support of the size 20 contact butts against an internal shoulder in the tool tip.



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.



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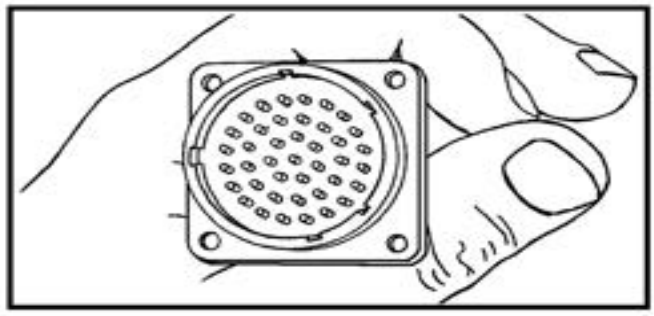
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Figure 205 : Sheet 3 : Typical Removal and Installation of Front-Release Contacts

A4021

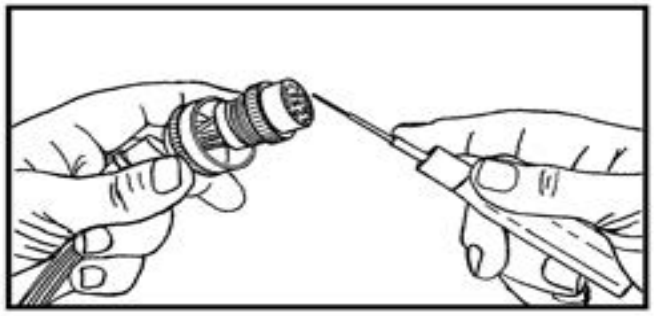
COMPLETION

9. Check face of plug or receptacle for proper contact installation.



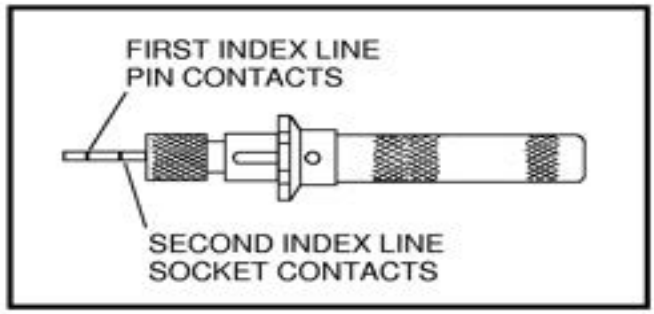
CONTACT EXTRACTION

10. Slide hardware back over wire bundle. Using proper extraction tool or extraction end of proper insertion/extraction tool, proceed as follows:

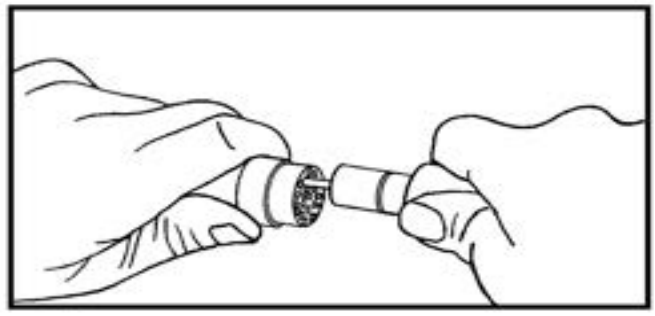


KPTM: Make sure reversible tool tip is set for pin or socket contacts. Place tool tip over contact from front of insulator and, with slow and even pressure, push contact out of back of insulator.

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.



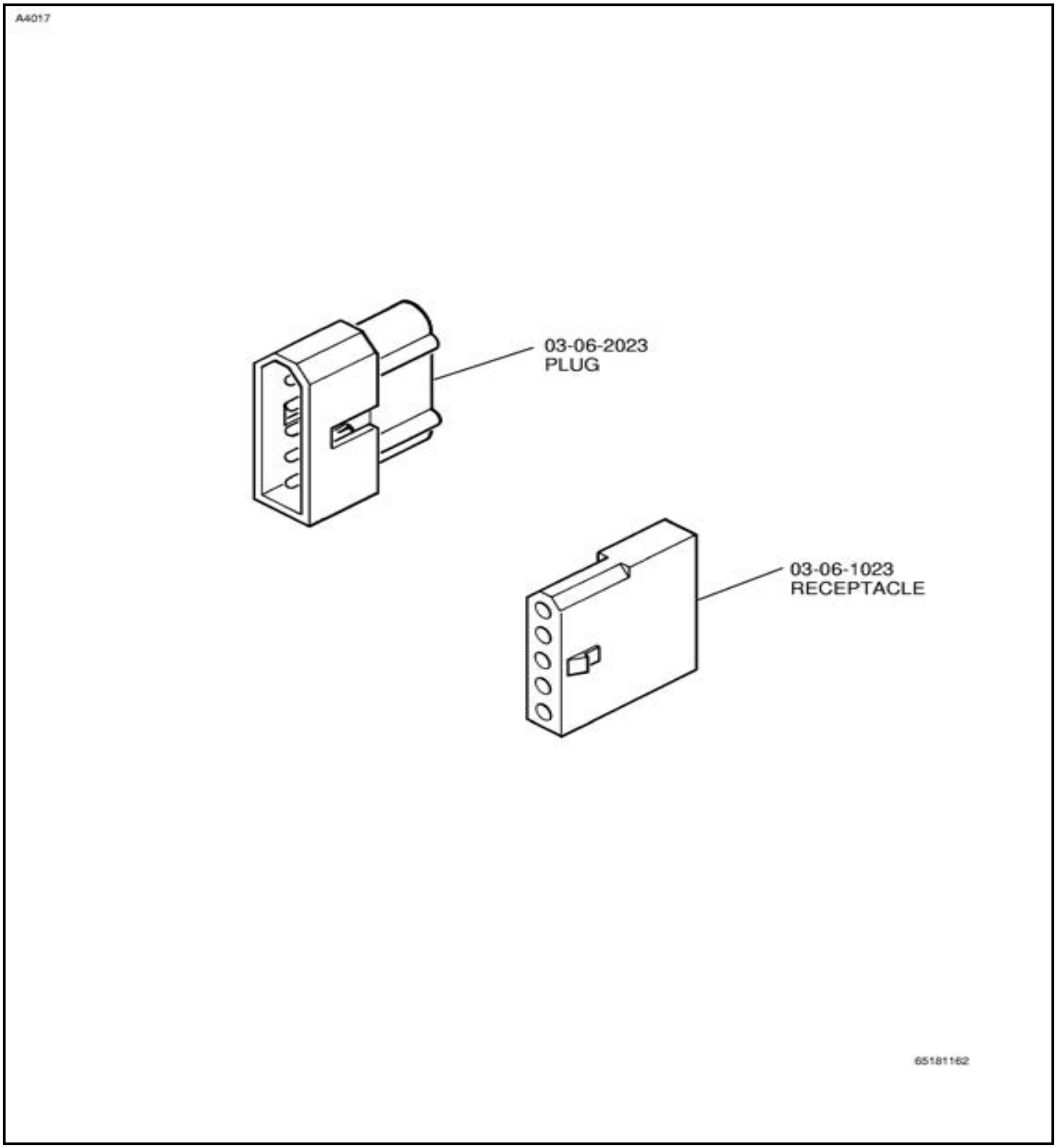
Carefully place the tool over the contact to be extracted until the tool tip touches the insulator face. Carefully rotate the tool until the index line is slightly below the insulator face. Keep an even pressure against tool body; push plunger forward with thumb and index finger, and push the contact out through the clip. Carefully remove extraction tool from connector. Pull the wire by hand to complete the removal of the contact.



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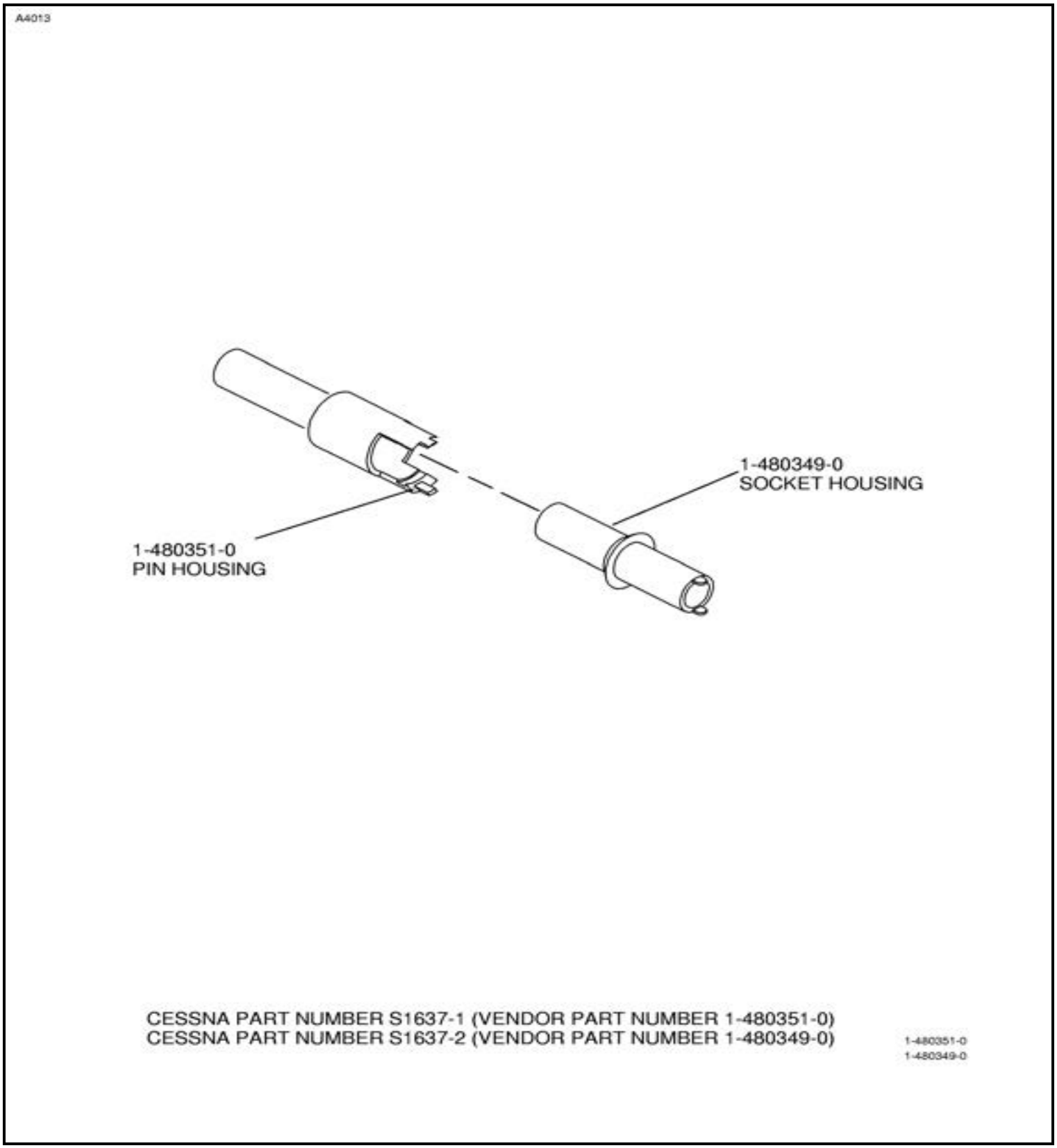
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Figure 206 : Sheet 1 : 03-06 and 06-06 Series Molex Connectors



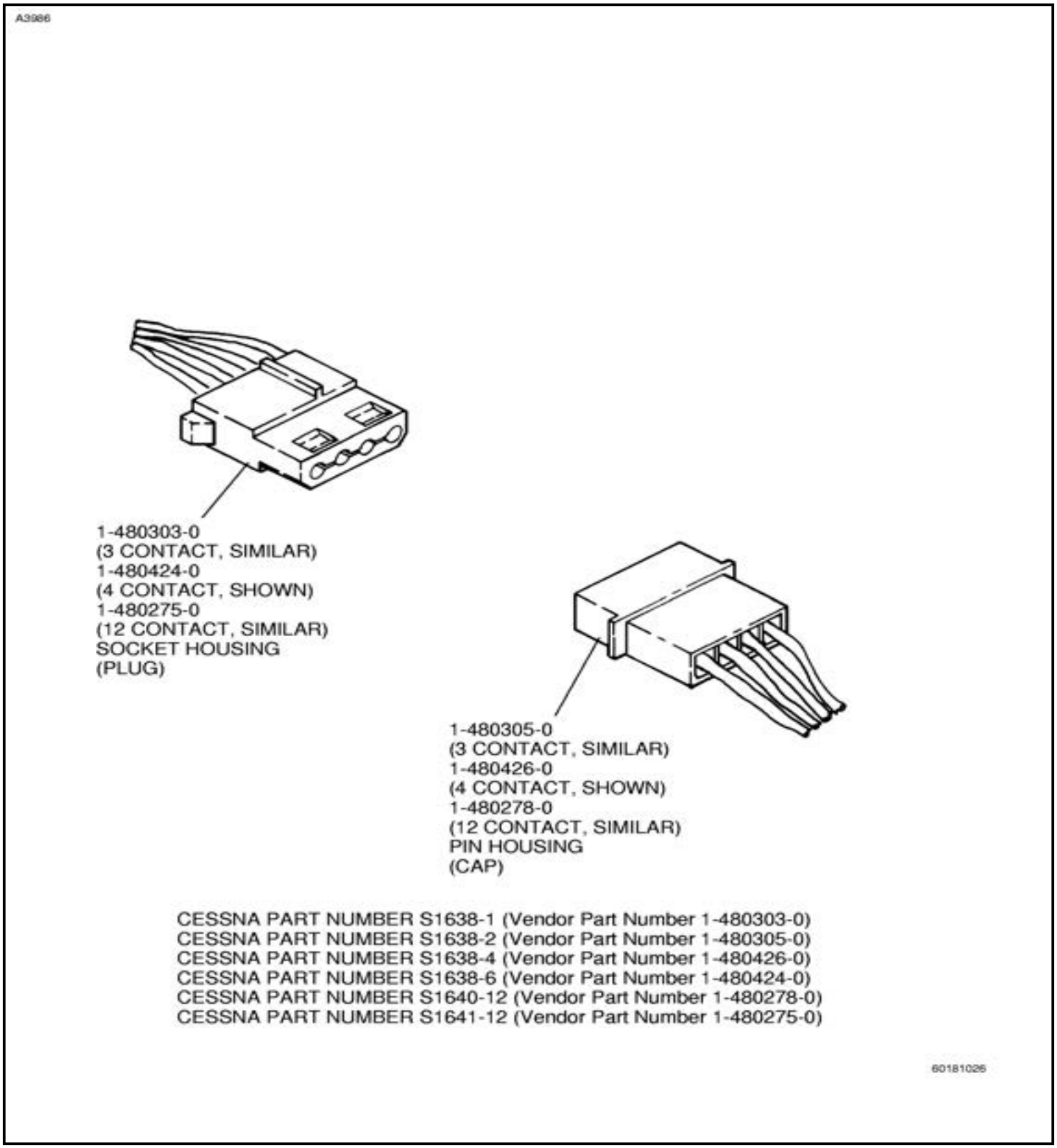
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Figure 207 : Sheet 1 : AMP Commercial Mate-N-Lock Series Connectors



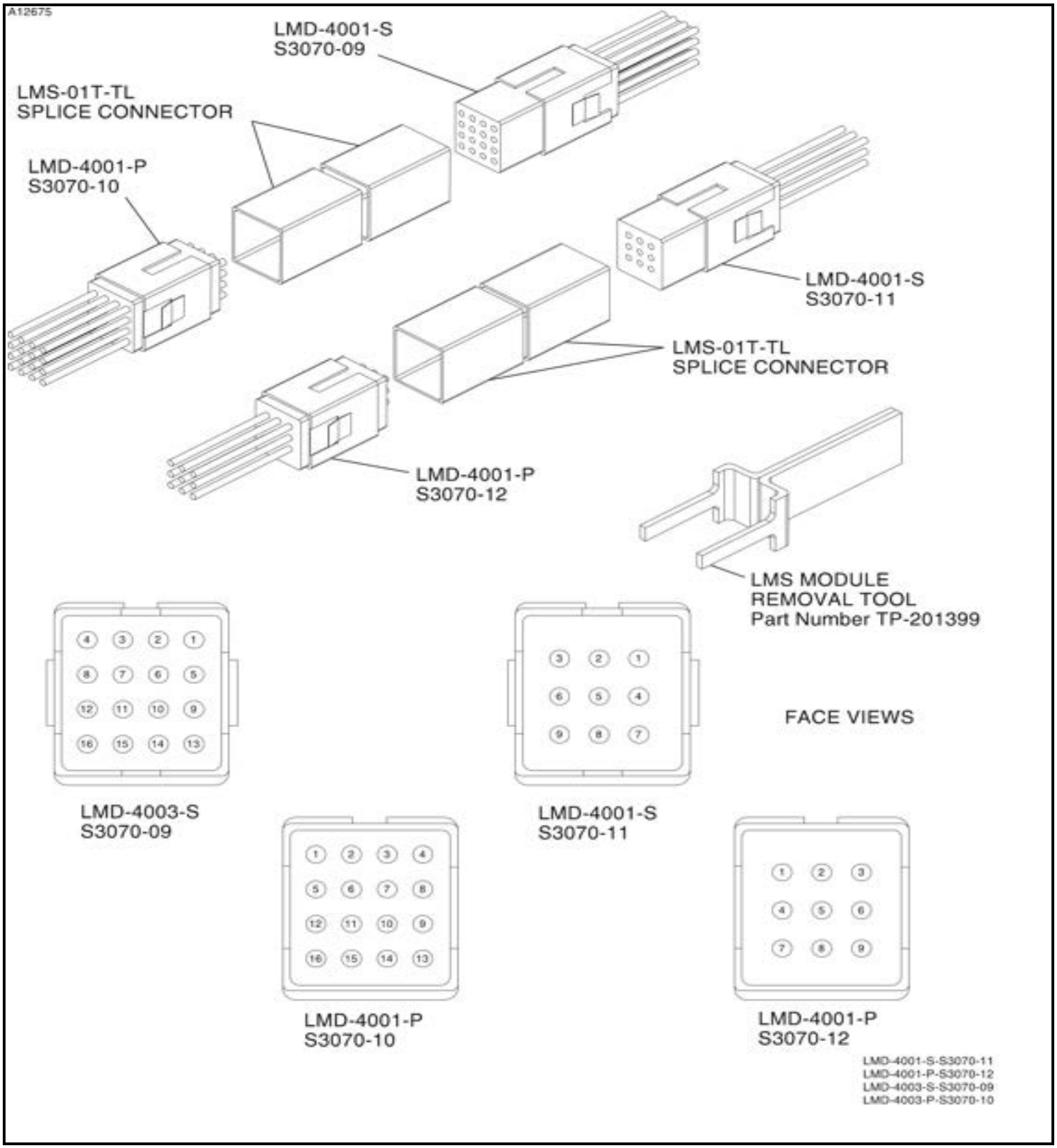
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Figure 207 : Sheet 2 : AMP Commercial Mate-N-Lock Series Connectors



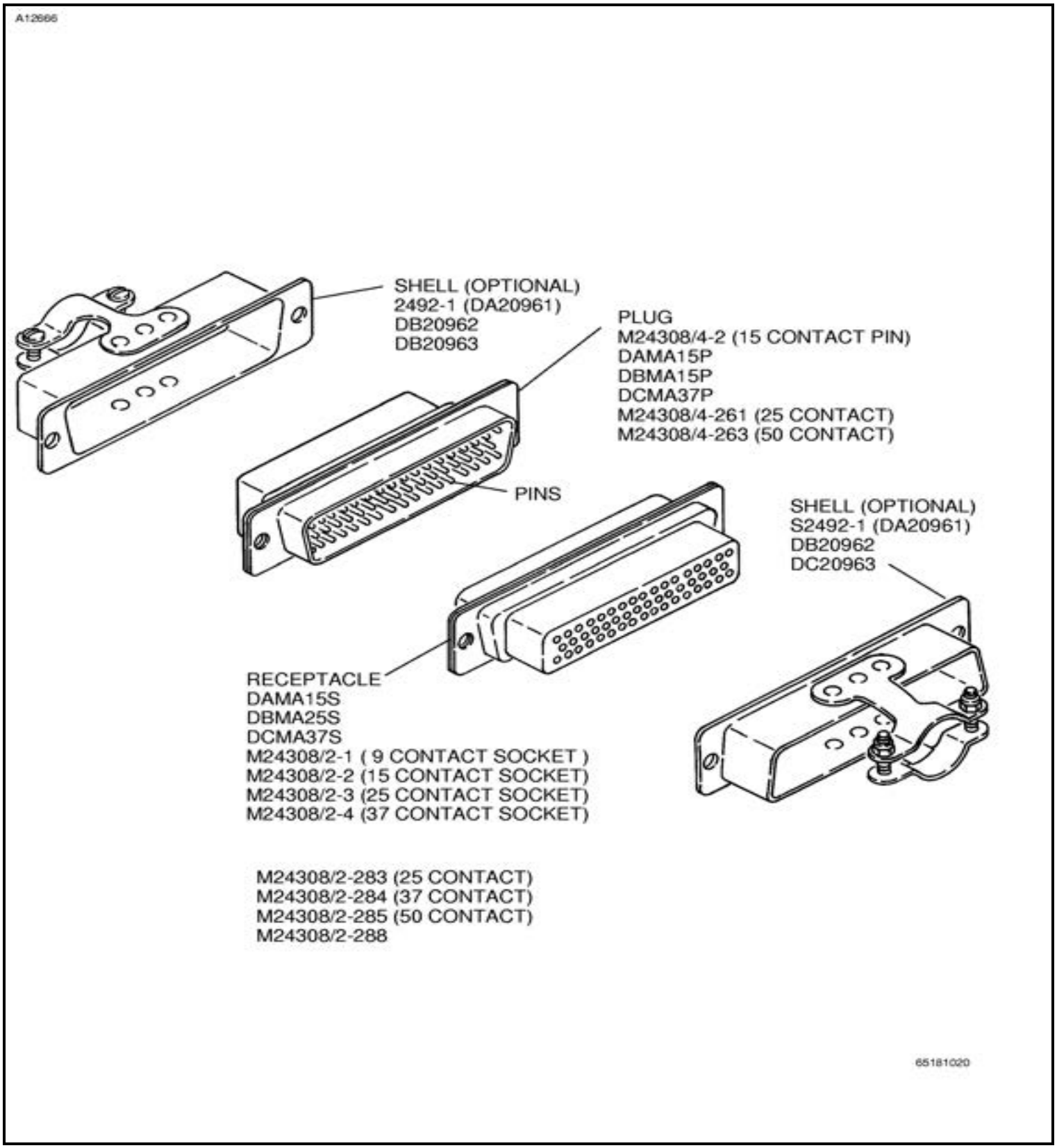
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Figure 208 : Sheet 1 : LMD4000 Series Connectors



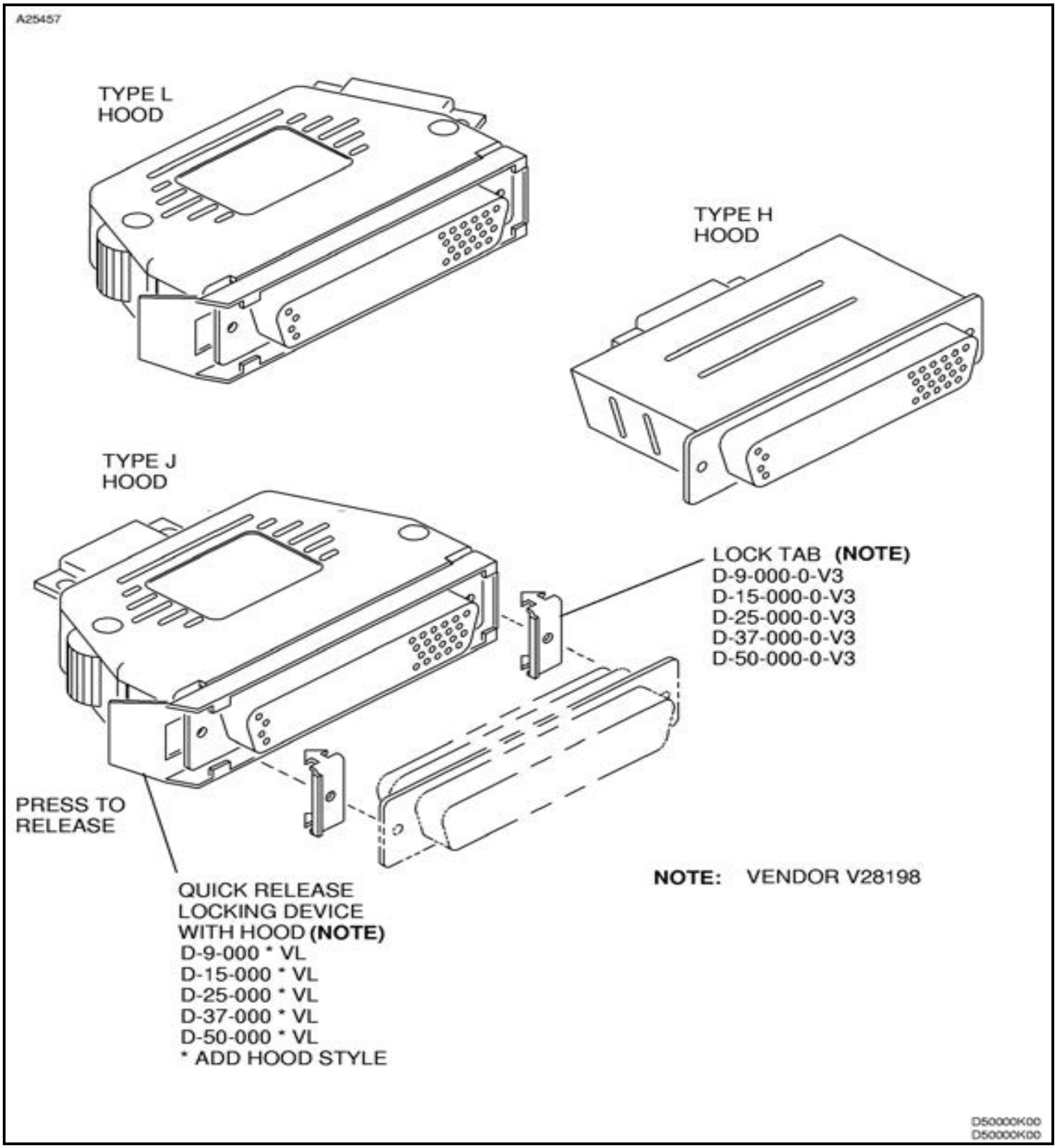
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Figure 209 : Sheet 1 : M24308 Series Connectors



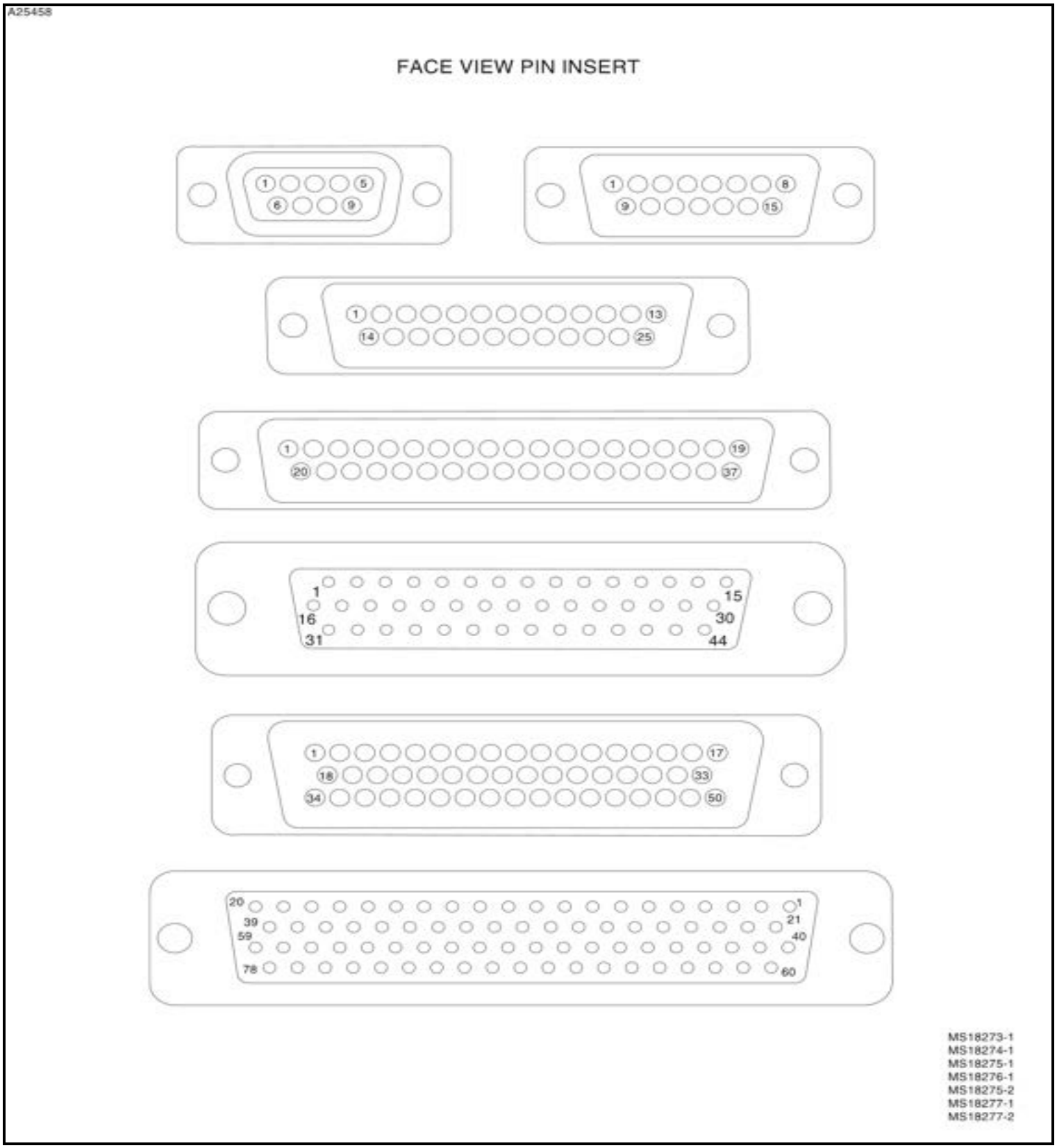
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Figure 209 : Sheet 2 : M24308 Series Connectors



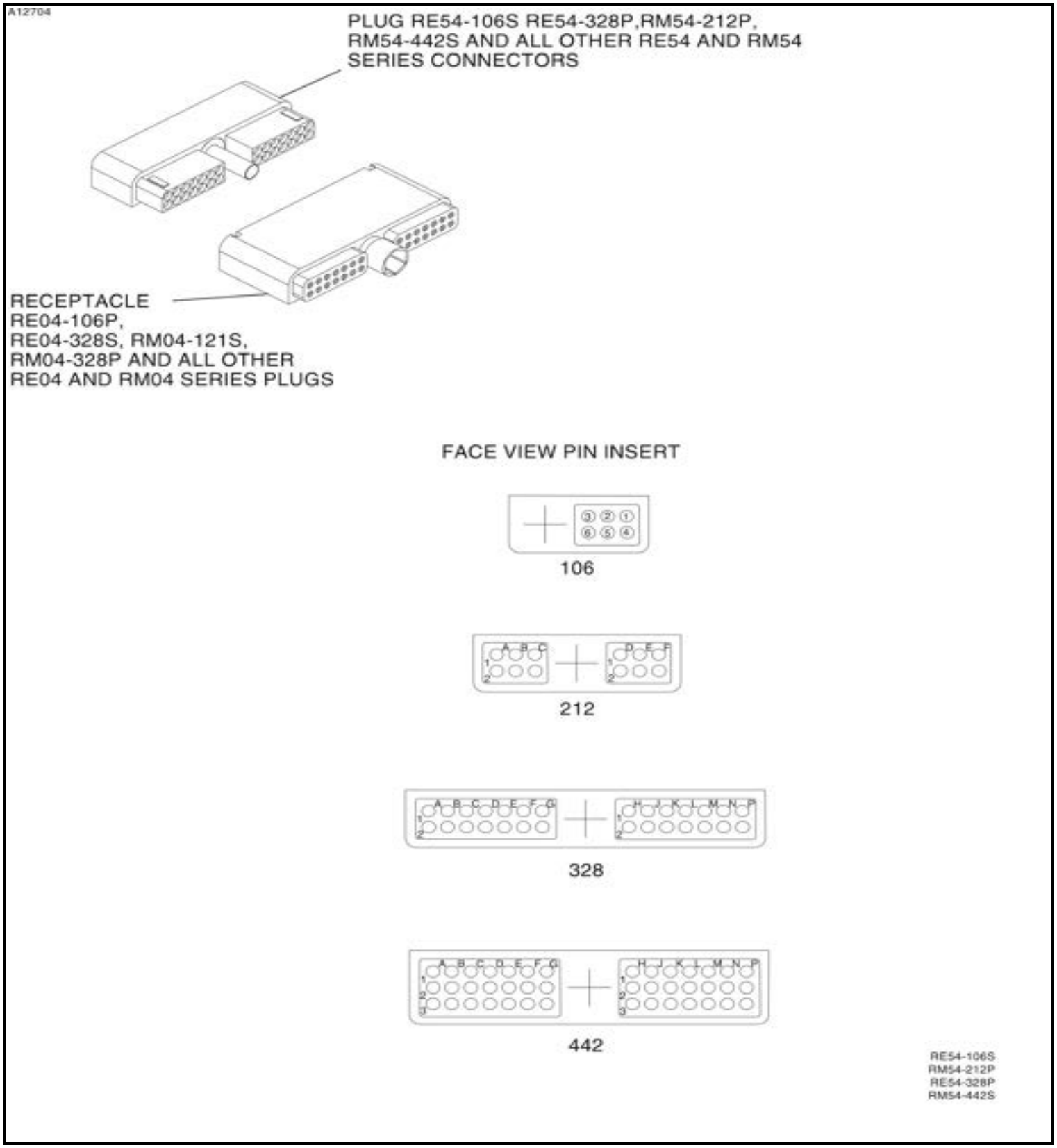
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Figure 209 : Sheet 3 : M24308 Series Connectors



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Figure 210 : Sheet 1 : RE/RM Series Connectors



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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.

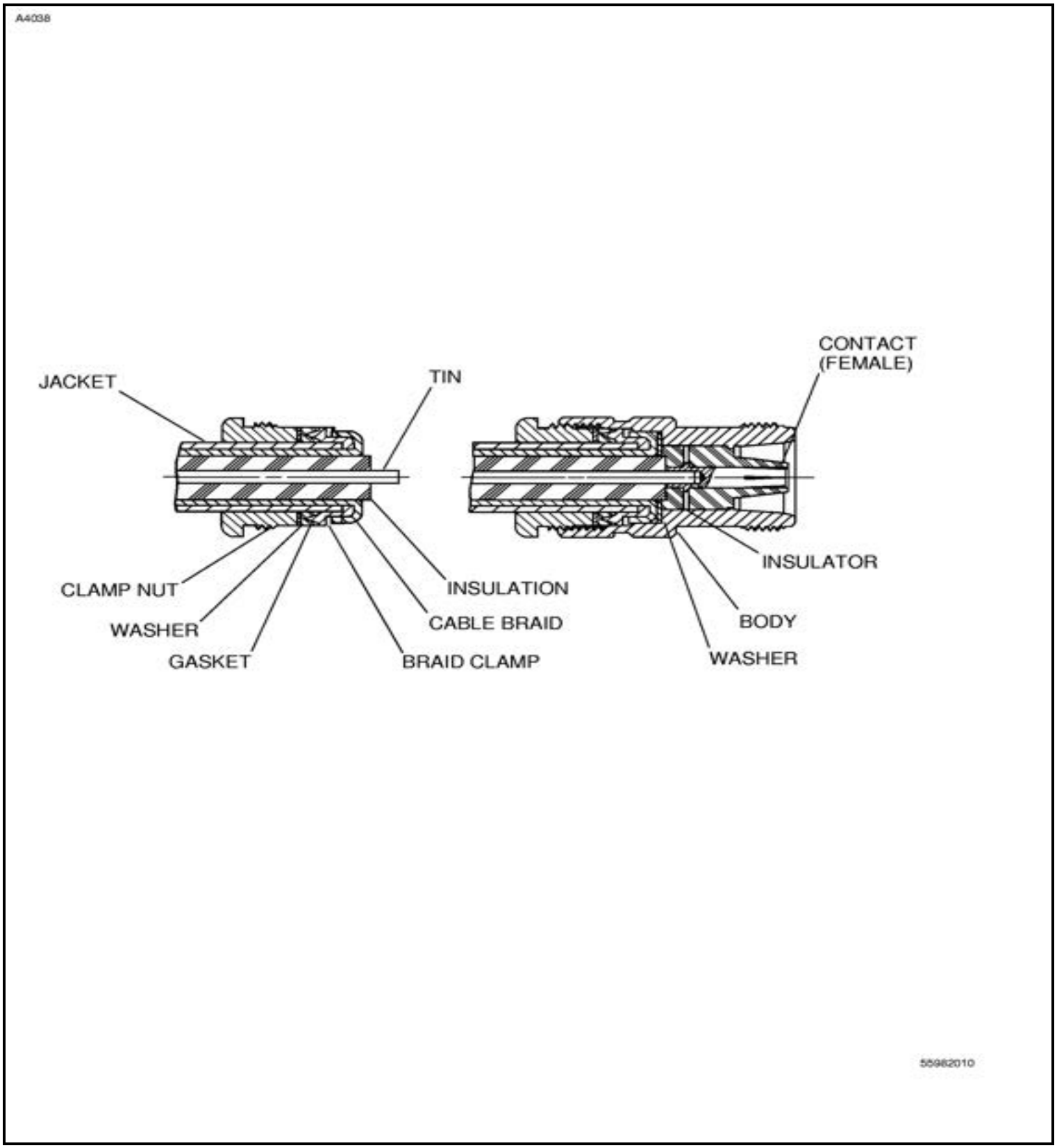
B. Instructions also cover Ted Manufacturing Corporation Series 59 and 69 connectors for shielded cables.

5. Assembly 2755-2-9 King K-Grip Connectors

A. Assembly Procedures. Refer to Figure 204.

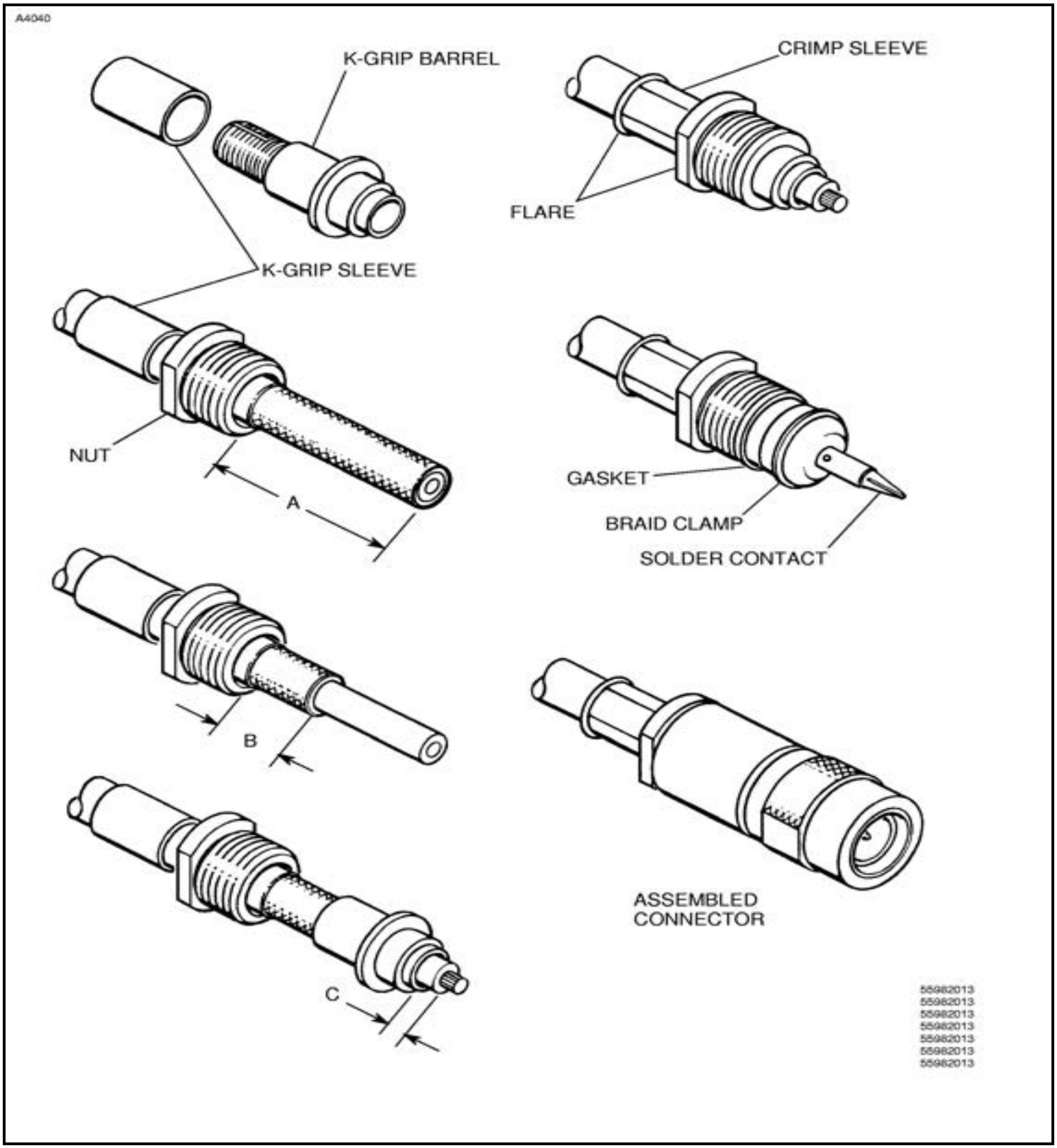
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Figure 201 : Sheet 1 : Coax Cable Termination Installation



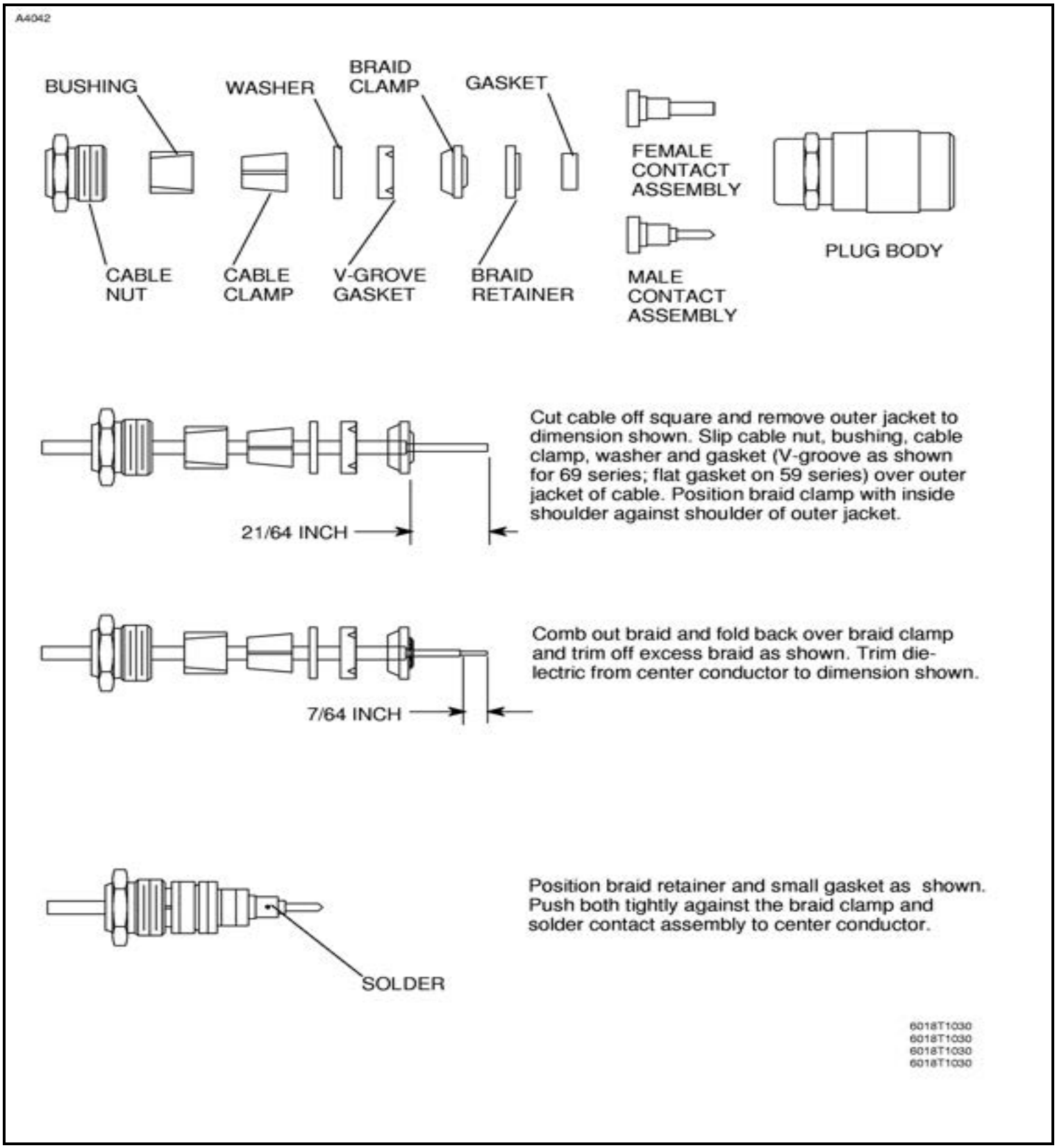
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Figure 202 : Sheet 1 : Connector With K-Grip (Typical)



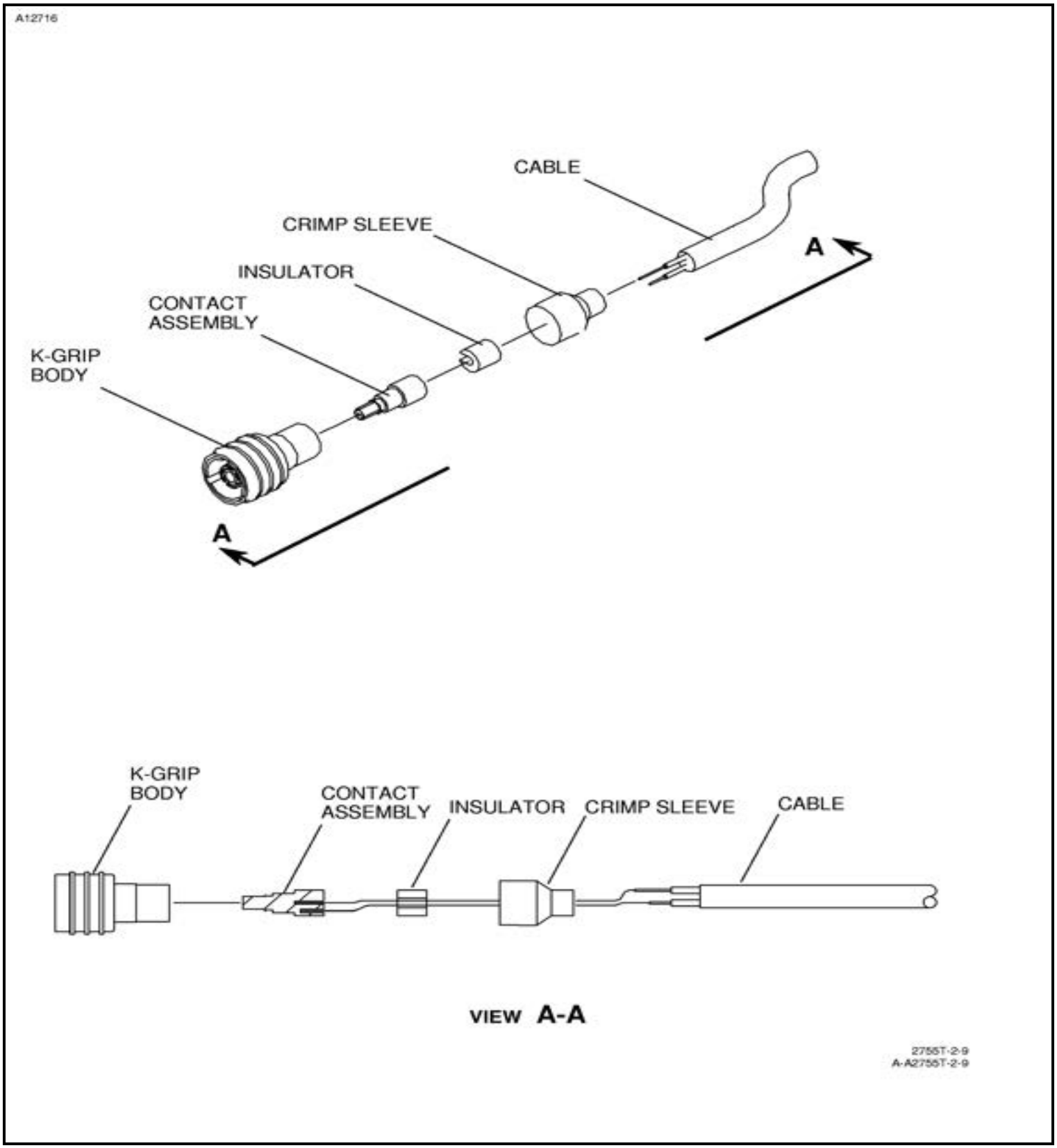
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Figure 203 : Sheet 1 : Assembly Mil-C-25516 (M25516/20-XX-XX) Connectors



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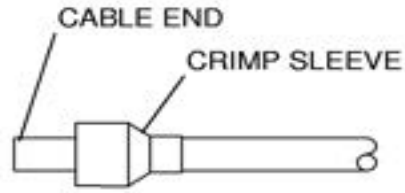
Figure 204 : Sheet 1 : 2755-2-9 King K-Grip Connectors



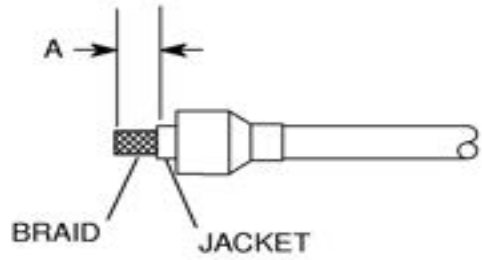
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Figure 204 : Sheet 2 : 2755-2-9 King K-Grip Connectors

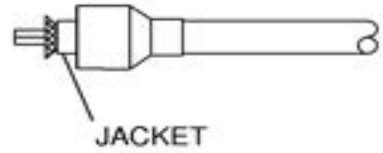
A1:2717



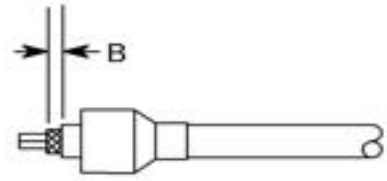
CUT CABLE END SQUARE AND SLIDE CRIMP SLEEVE OVER CABLE END AS SHOWN.



REMOVE JACKET TO "A" DIMENSION



FLARE OR BULGE BACK BRAID AND TRIM WITH SCISSORS AT EDGE OF JACKET



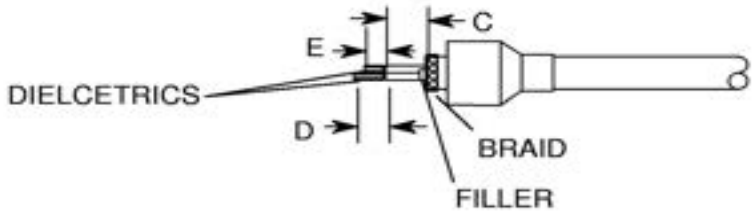
REMOVE JACKET TO "B" DIMENSION, TAKING CARE NOT TO NICK BRAID.

2755T-2-9
2755T-2-9
2755T-2-9
2755T-2-9

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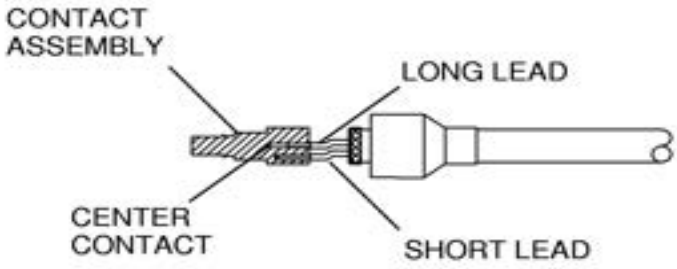
Figure 204 : Sheet 3 : 2755-2-9 King K-Grip Connectors

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

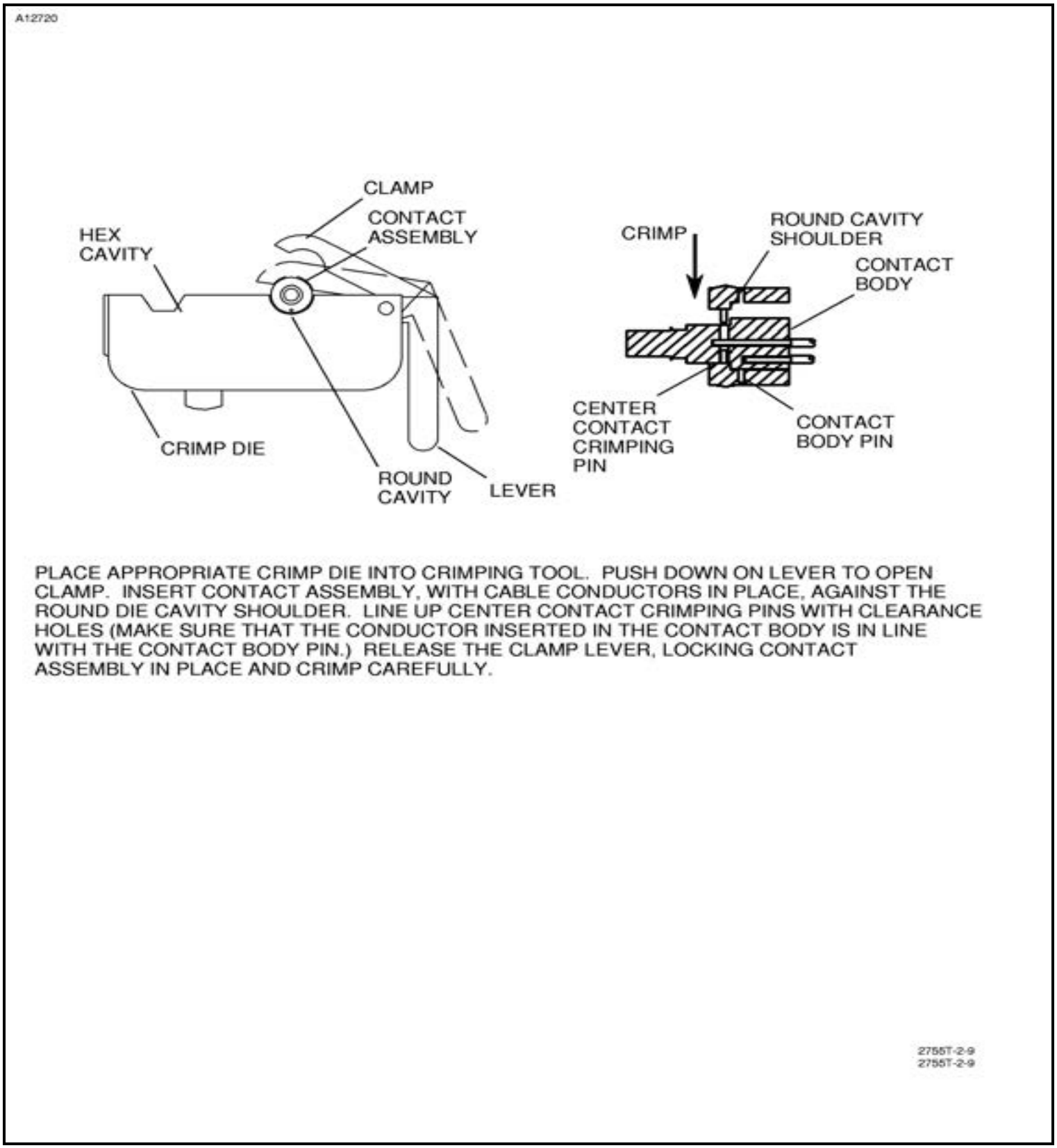


REMOVE THE DIELECTRICS AND INSERT CENTER CONDUCTORS (LONG LEAD IN CENTER, SHORT LEAD IN CONTACT BODY) INTO CONTACT ASSEMBLY.
A GENTLE ROCKING MOTION OF THE CABLE WILL FACILITATE ENTRY OF THE LEADS.

2755T-2-9
2755T-2-9

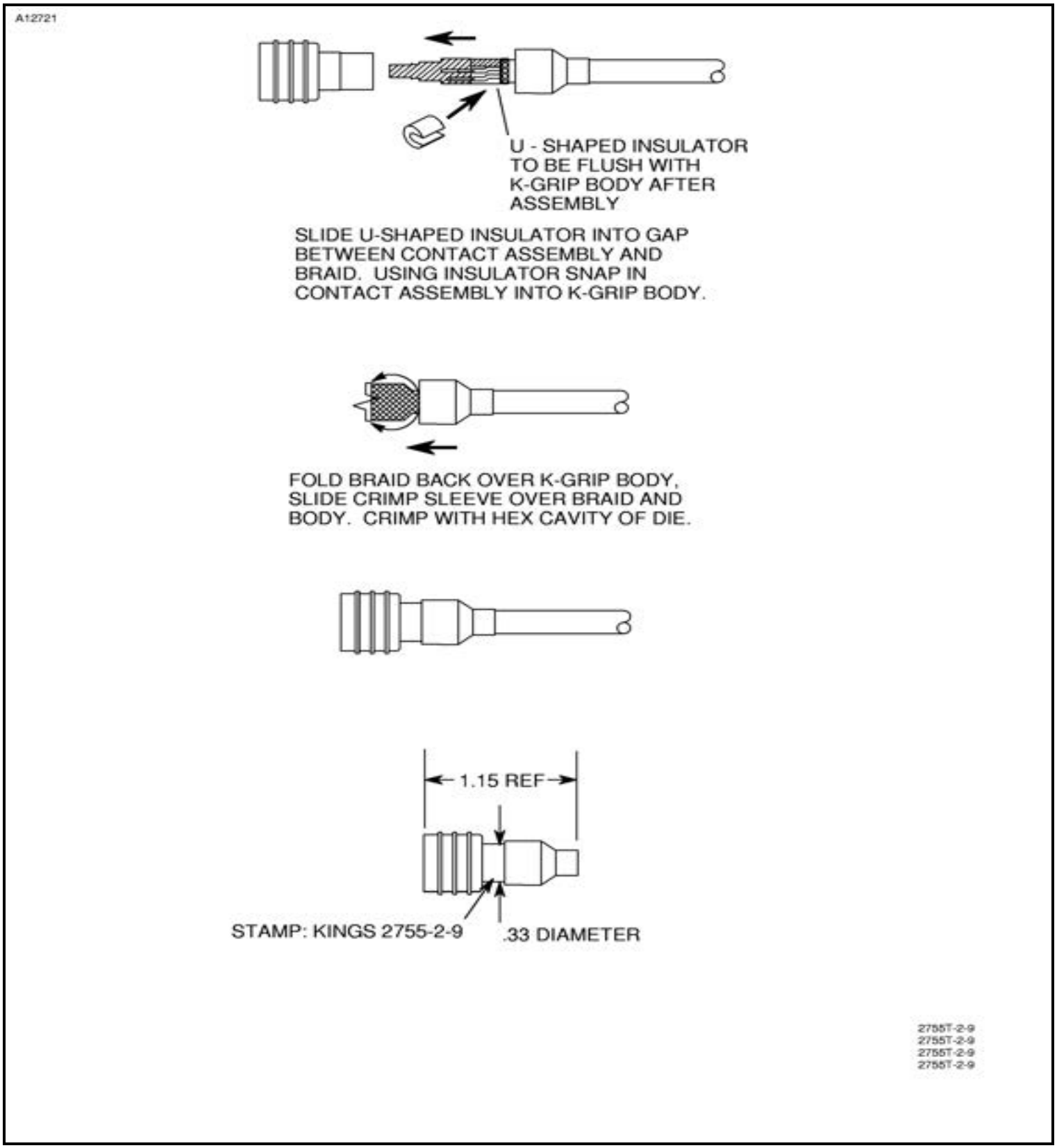
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Figure 204 : Sheet 4 : 2755-2-9 King K-Grip Connectors



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Figure 204 : Sheet 5 : 2755-2-9 King K-Grip Connectors



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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

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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)		
NOTE: DO NOT USE THE OLD CONTACTS WITH THE NEW SPLICES. THEY WILL LOCK IN PLACE AND MAKE CONNECTION, BUT MAY CAUSE INTERMITTENT ELECTRICAL ISSUES. WHEN REPLACING THE SPLICE, USE ALL HARDWARE PROVIDED WITH THE NEW SPLICE.		
Contact (wire sizes 20, 22, 24)	1841-1-5620	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		

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Contact (wire size 16)	M39029/22-193	DME Electronics
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

NOTE: DO NOT USE THE OLD CONTACTS WITH THE NEW SPLICES. THEY WILL LOCK IN PLACE AND MAKE CONNECTION, BUT MAY CAUSE INTERMITTENT ELECTRICAL ISSUES. WHEN REPLACING THE SPLICE, USE ALL HARDWARE PROVIDED WITH THE NEW SPLICE

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

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Contact (wire sizes 20 and 24)	M39029/1-101	Commercially Available
Crimping Tool	M22520/1-01	Commercially Available
Positioner	M22520/1-02	Commercially Available
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

* Raychem Corp. V06090

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WIRE END 1		SPLICE * PART NUMBER	APPROVED TO MIL. SPEC. PART NUMBER	WIRE END 2	
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
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

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(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
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.

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(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.

(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

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WIRE SIZE (AWG)	COLOR	STUD SIZE	PART NUMBER
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
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

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WIRE SIZE (AWG)	INSULATING SLEEVE COLOR	IDENT COLOR CODE	STUD SIZE	LOOSE PIECE * PART NUMBER
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
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

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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.

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.

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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.

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

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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

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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

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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.

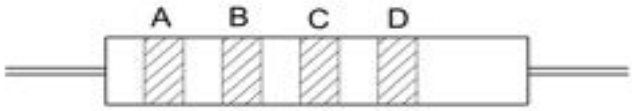
(e) For values less than 10 ohms, R is used in place of the second number and represents a decimal for the value.

Example: CM3527- 2R7G is 2.7 ohms, one-half watt, plus or minus 5 percent.

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Figure 201 : Sheet 1 : Resistor Part Numbers

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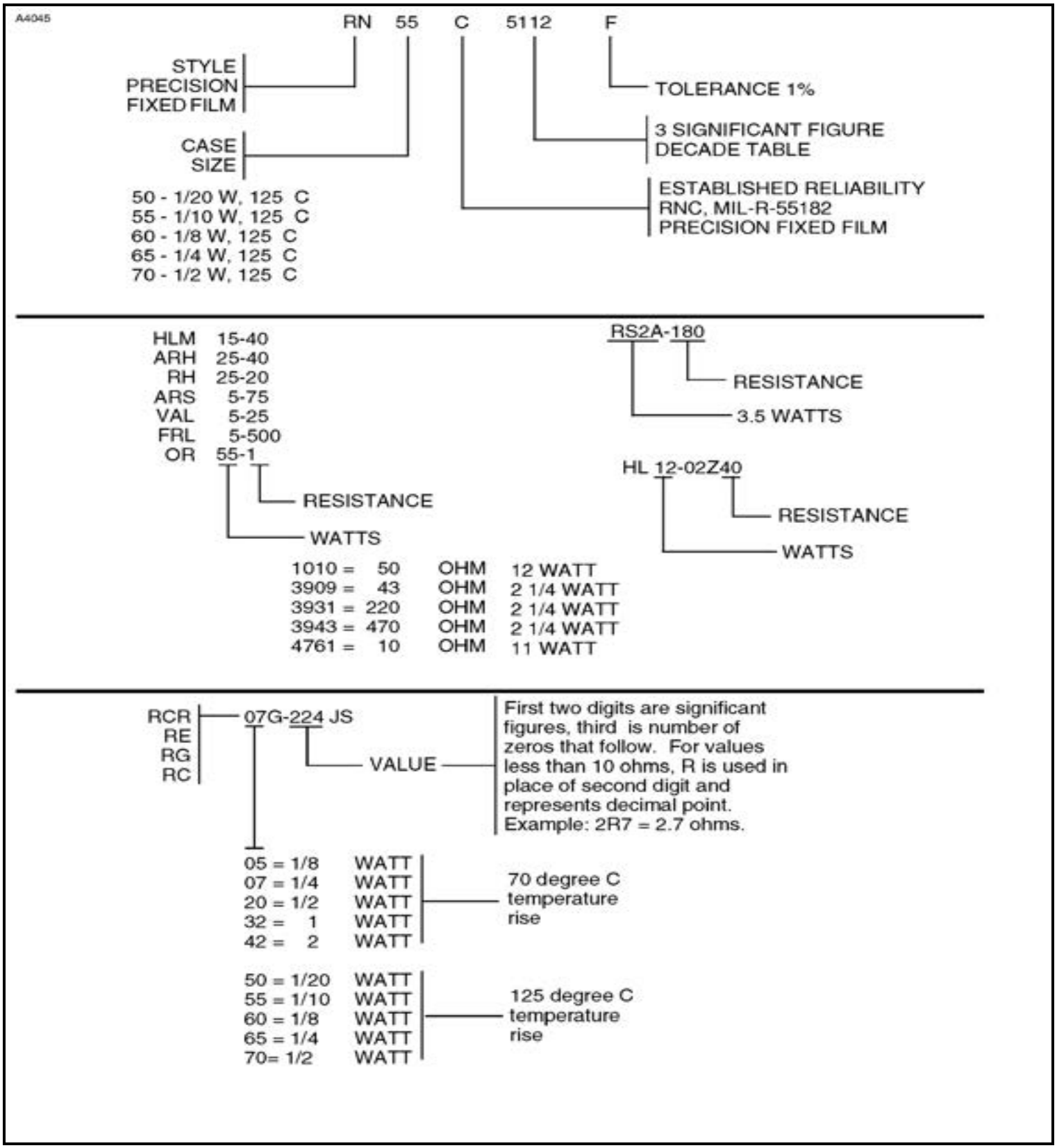
Resistor Color Code Application Table

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

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Figure 201 : Sheet 2 : Resistor Part Numbers



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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

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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.

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(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.

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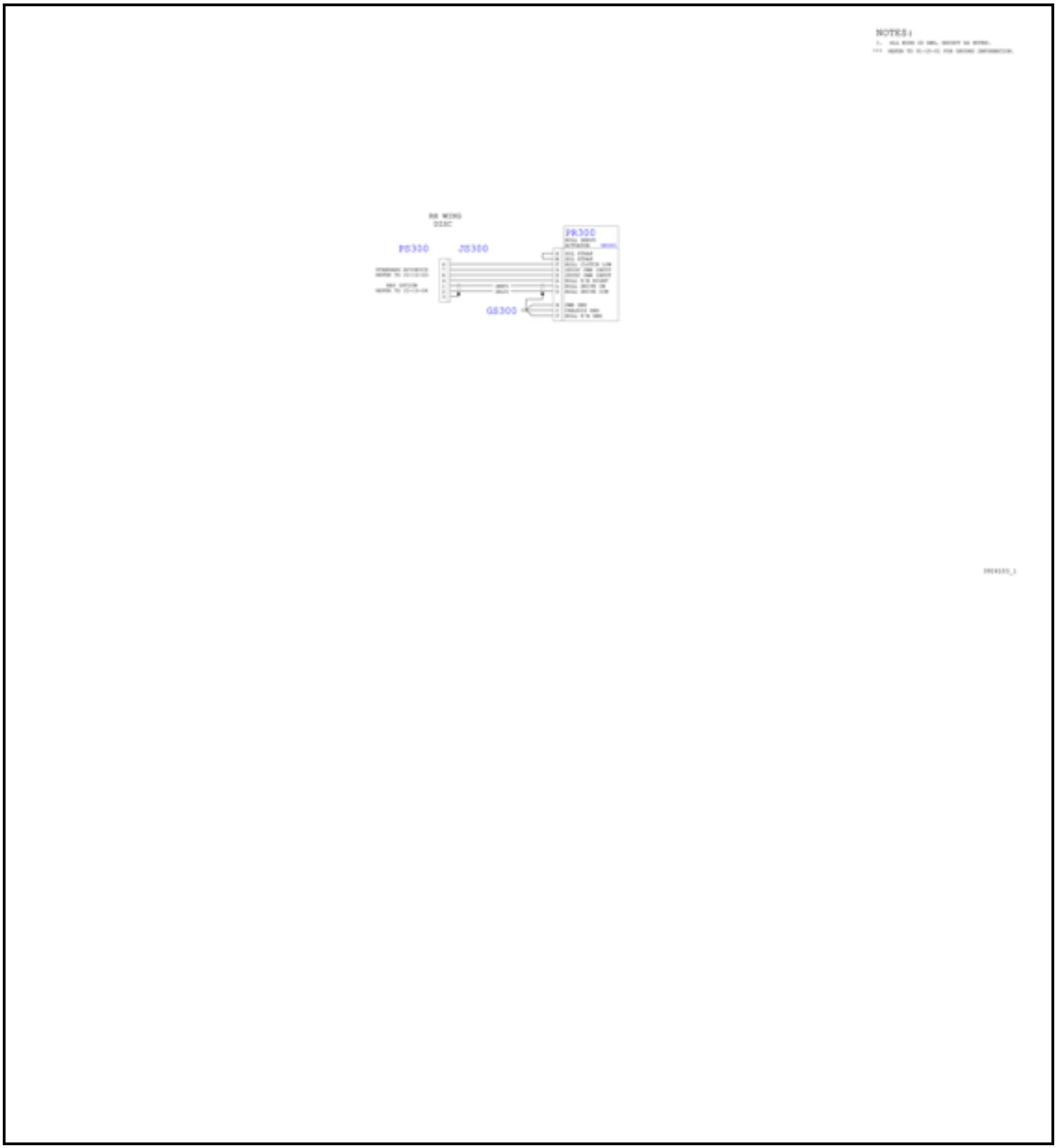
ROLL SERVO ACTUATOR PROVISIONS - STANDARD

AIRPLANES (182) 80001 THRU 80003

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GS300	3940358-2	GROUND - WING LEVELER (ZONE 610)		(182) 80001 - 80003	01
JS300	S1641-9	CONNECTOR - RIGHT WING DISCONNECT (ZONE 610)		(182) 80001 - 80003	01
	S1636-1	. CONTACT			AR
PR300	030-2000-00	CONNECTOR - ROLL SERVO	V22373	(182) 80001 - 80003	01
	030-1009-00	. HOOD	V22373		01
	030-1008-00	. LEVER	V22373		01
PS300	S1640-9	CONNECTOR - ROLL SERVO (ZONE 610)		(182) 80001 - 80003	01
	S1635-1	. CONTACT	V49367		AR
	S1635-6	. CONTACT			AR
UR300		ACTUATOR - ROLL SERVO			RF

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Figure 01 : Sheet 01 : ROLL SERVO ACTUATOR PROVISIONS - STANDARD



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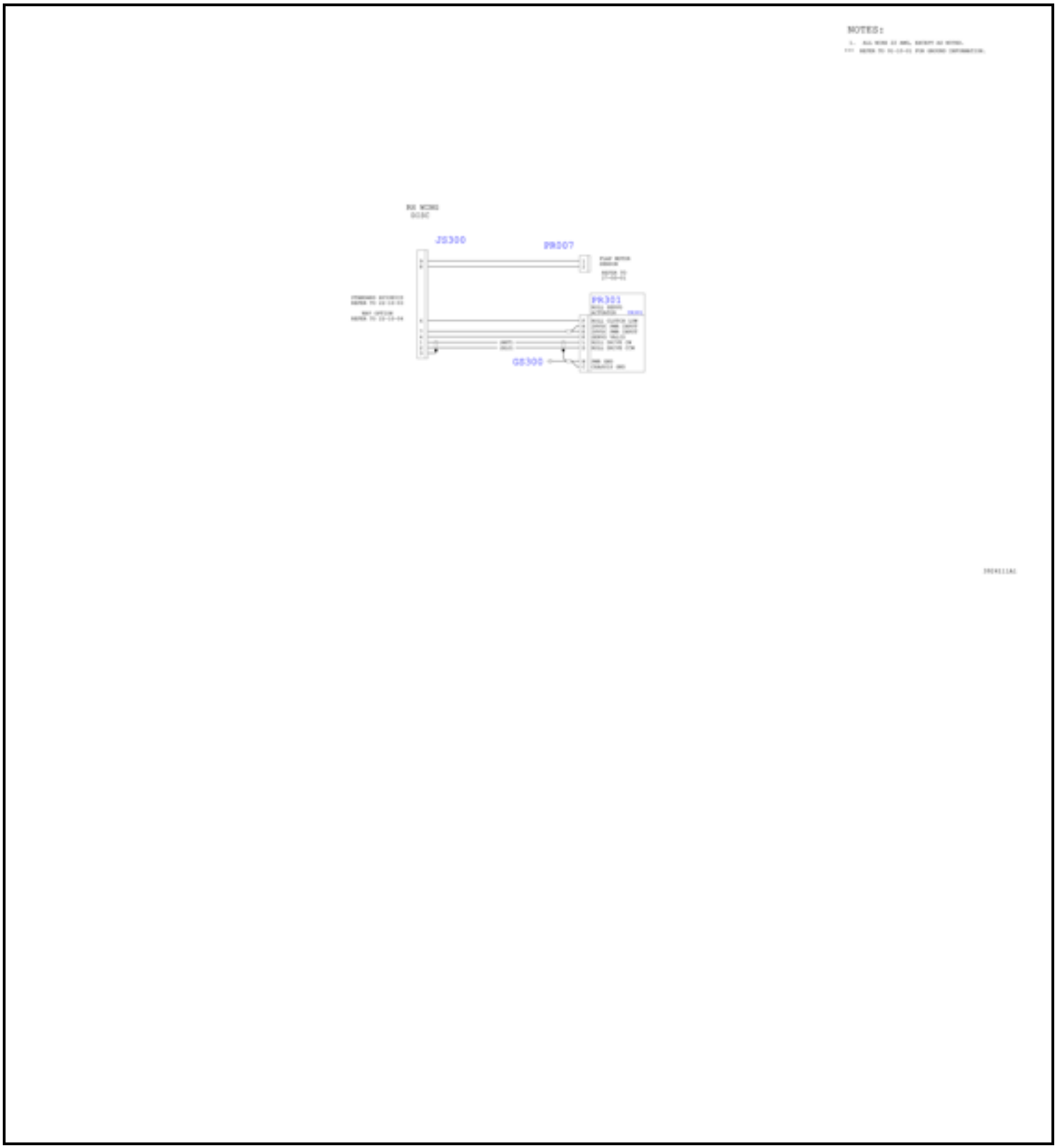
ROLL SERVO ACTUATOR - STANDARD

AIRPLANES (182) 80004 THRU 80944

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GS300	3940358-2	GROUND - WING LEVELER (ZONE 610)		(182) 80004 - 80944	01
JS300	S1641-9	CONNECTOR - RIGHT WING DISCONNECT (ZONE 610)		(182) 80004 - 80944	01
	S1636-1	. CONTACT			AR
PR007	S1638-1	CONNECTOR - FLAP ACTUATOR ASSEMBLY		(182) 80004 - 80944	01
	S1636-1	. CONTACT			AR
PR301	030-03248-0000	CONNECTOR - ROLL SERVO ACTUATOR (ZONE 610)	V22373	(182) 80004 - 80944	01
UR301		ACTUATOR - ROLL SERVO			RF

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Figure 02 : Sheet 01 : ROLL SERVO ACTUATOR - STANDARD



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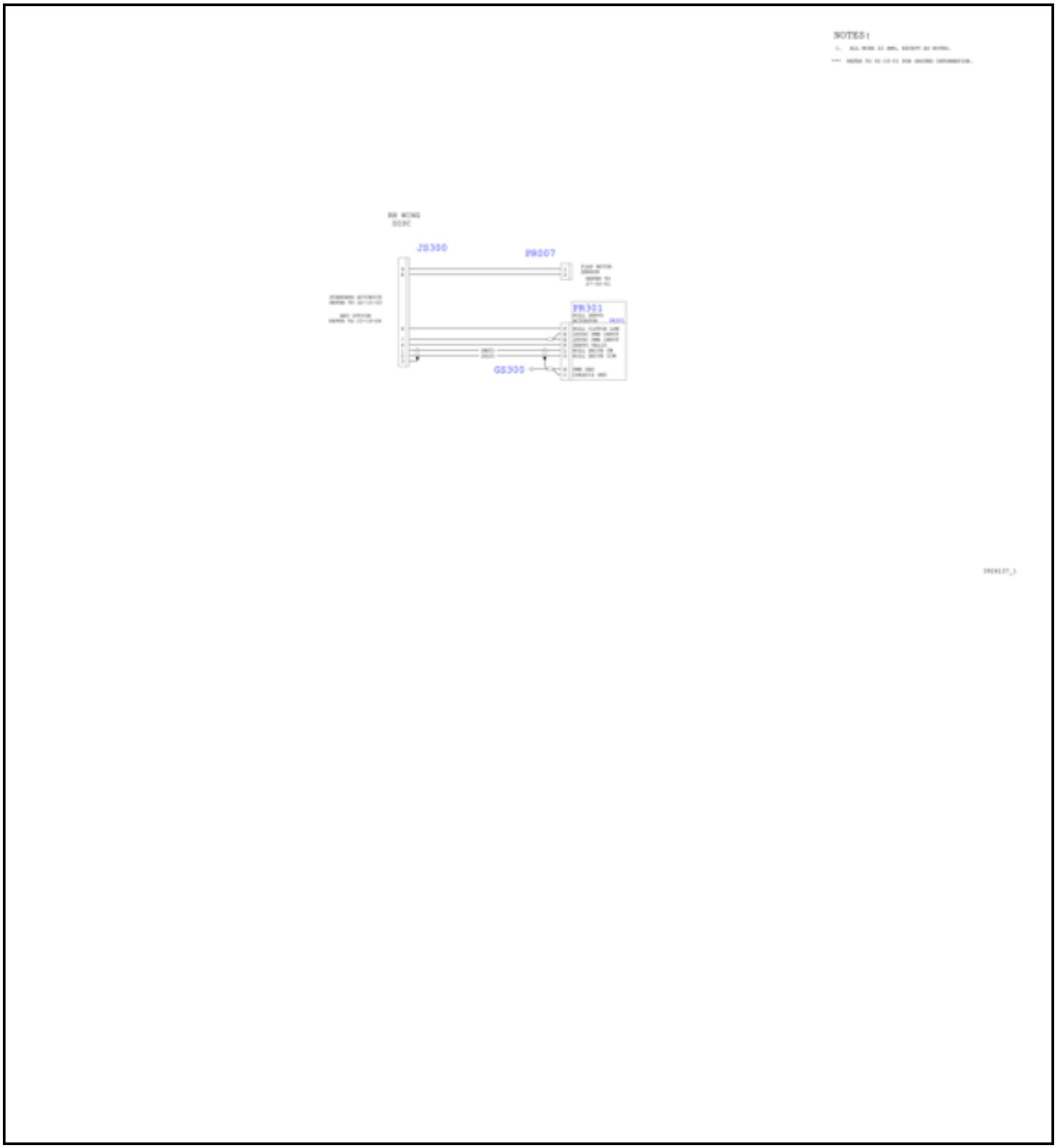
ROLL SERVO ACTUATOR - STANDARD

AIRPLANES (182) 80945 THRU 81875 AND AIRPLANES (T182) 08001 THRU 08668

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GS300	3940358-2	GROUND - WING LEVELER (ZONE 610)		(182) 80945 - 81875 (T182) 08001 - 08668	01
JS300	S1641-9	CONNECTOR - RIGHT WING DISCONNECT (ZONE 610)		(182) 80945 - 81875 (T182) 08001 - 08668	01
	S1636-1	. CONTACT			AR
PR007	S1638-1	CONNECTOR - FLAP ACTUATOR ASSEMBLY		(182) 80945 - 81875 (T182) 08001 - 08668	01
	S1636-1	. CONTACT			AR
PR301	030-03248-0000	CONNECTOR - ROLL SERVO ACTUATOR (ZONE 610)	V22373	(182) 80945 - 81875 (T182) 08001 - 08668	01
UR301		ACTUATOR - ROLL SERVO			RF

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Figure 03 : Sheet 01 : ROLL SERVO ACTUATOR - STANDARD



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ROLL ACTUATOR-GFC-700 AUTOPILOT

AIRPLANES (182) 81876 & ON AND AIRPLANES (T182) 08669 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	EFFECTIVITY	UNITS PER ASSY
GS300	3940358-2	GROUND - WING LEVELER (ZONE 610)	(182) 81876 & ON (T182) 08669 & ON	01
JS300	S1641-9	CONNECTOR - RIGHT WING DISCONNECT (ZONE 610)	(182) 81876 & ON (T182) 08669 & ON	01
	S1636-1	. CONTACT		AR
PR007	S1638-1	CONNECTOR - FLAP ACTUATOR ASSEMBLY	(182) 81876 & ON (T182) 08669 & ON	01
	S1636-1	. CONTACT		AR
PR302		CONNECTOR		RF

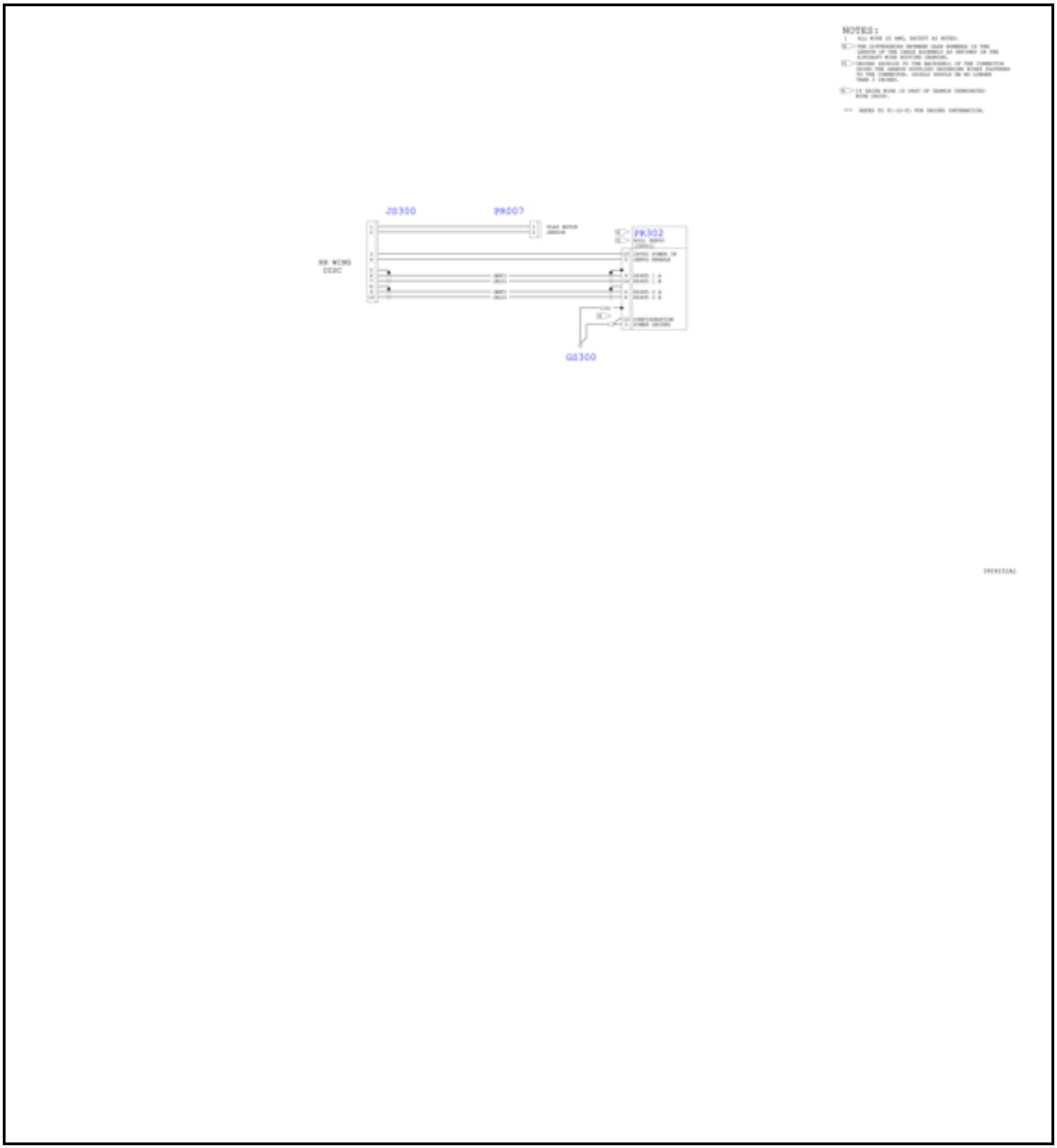
ROLL ACTUATOR-GFC-700 AUTOPILOT

AIRPLANES (182) 81876 & ON AND AIRPLANES (T182) 08669 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	EFFECTIVITY	UNITS PER ASSY
GS300	3940358-2	GROUND - WING LEVELER (ZONE 610)	(182) 81876 & ON (T182) 08669 & ON	01
JS301	S1641-12	HOUSING	(182) 81876 & ON (T182) 08669 & ON	01
	S1636-1	. SOCKET		AR
PR007	S1638-1	CONNECTOR - FLAP ACTUATOR ASSEMBLY	(182) 81876 & ON (T182) 08669 & ON	01
	S1636-1	. CONTACT		AR
PR302		CONNECTOR		RF

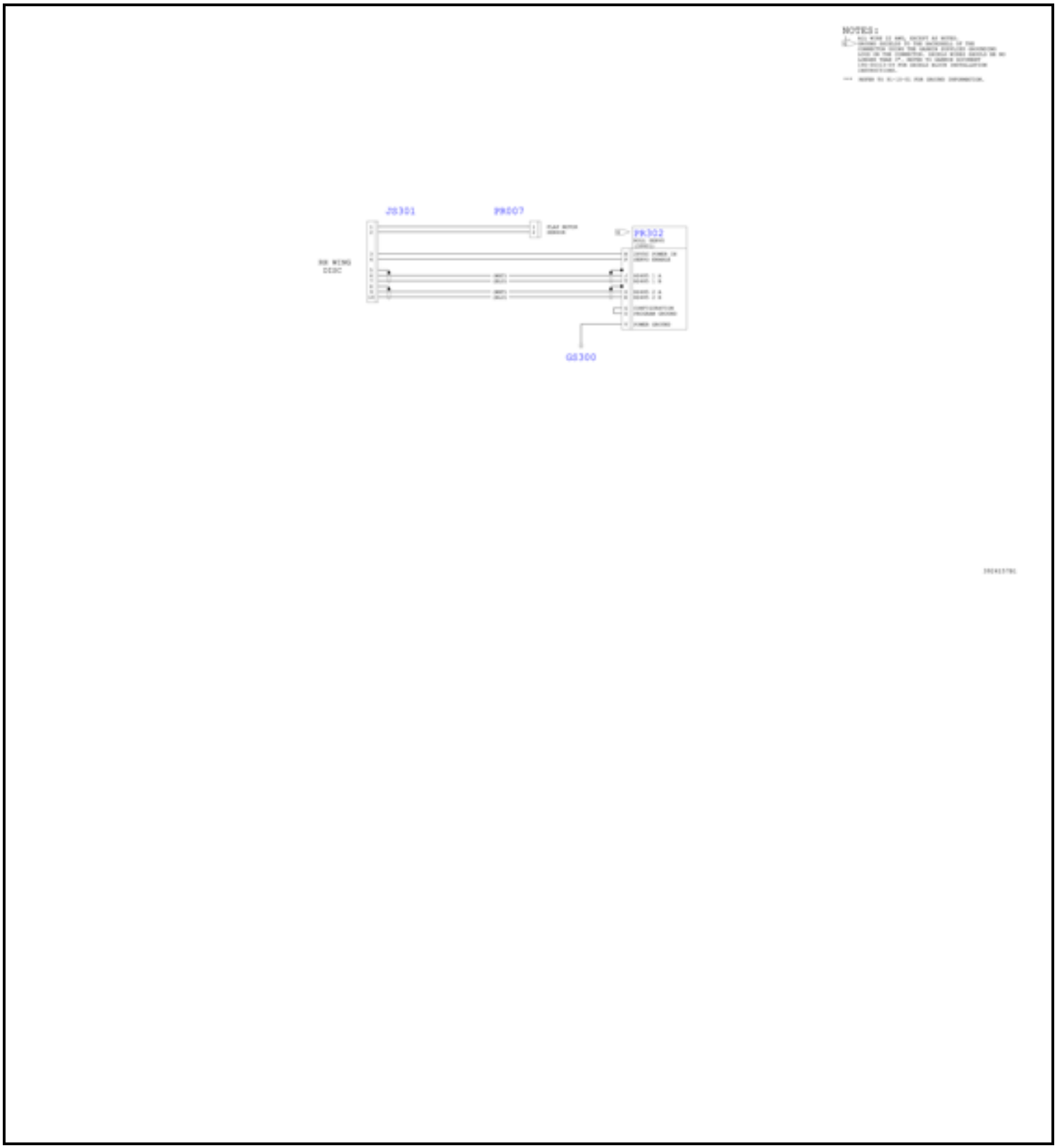
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Figure 04 : Sheet 01 : ROLL ACTUATOR-GFC-700 AUTOPILOT



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Figure 04 : Sheet 02 : ROLL ACTUATOR-GFC-700 AUTOPILOT



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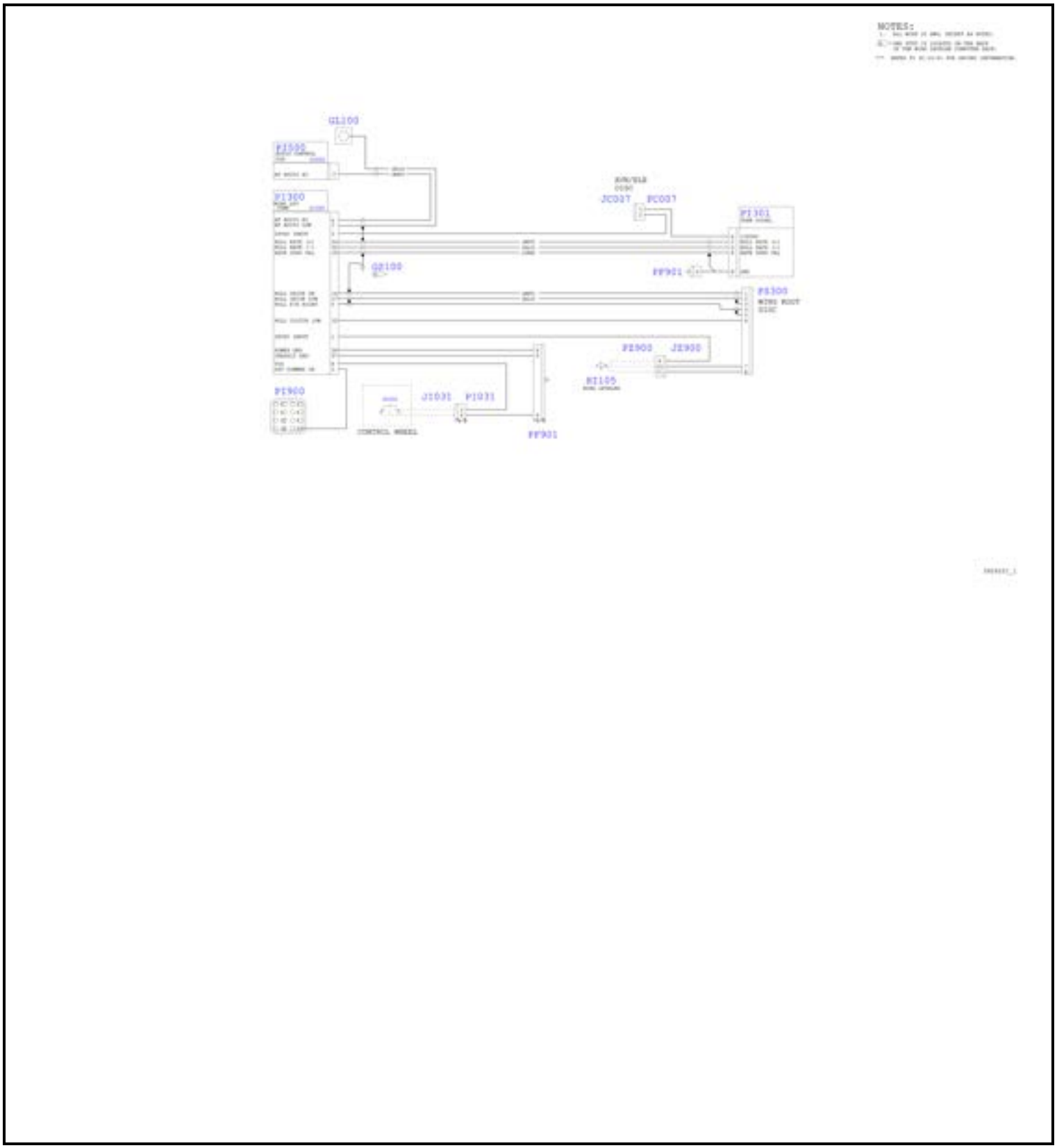
WING LEVELER-STANDARD

AIRPLANES (182) 80001 THRU 80003

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GL100	008-0041-00	GROUND STUD (ZONE 225)	V22373	(182) 80001 - 80003	01
GS100		GROUND			RF
HI105	CM3589-5	CIRCUIT BREAKER - WING LEVELER		(182) 80001 - 80003	01
JC007	S1641-9	CONNECTOR - ELECTRICAL/AVIONIC DISCONNECT (ZONE 224)		(182) 80001 - 80003	01
	S1636-1	. CONTACT			AR
JI031	RE04-212P	CONNECTOR - DOME LIGHT SWITCH (ZONE 211)	V11139	(182) 80001 - 80003	01
JZ900	S2350-3	CONNECTOR (ZONE 220/225)		(182) 80001 - 80003	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PC007	S1640-9	CONNECTOR - ELECTRICAL/AVIONIC DISCONNECT (ZONE 610)		(182) 80001 - 80003	01
	S1635-1	. CONTACT	V49367		AR
PF901	S2526-1	CONNECTOR (ZONE 221)	V00779	(182) 80001 - 80003	01
	S2099-4	. CONTACT	V00779		AR
PI031	S1636-1	SOCKET		(182) 80001 - 80003	01
PI300	030-01175-0000	CONNECTOR (ZONE 211)	V22373	(182) 80001 - 80003	01
PI301	MS3106F14S-5S	CONNECTOR - TURN COORDINATOR (ZONE 211)		(182) 80001 - 80003	01
PI500	030-1094-58	CONNECTOR - AUDIO PANEL (ZONE 225)	V22373	(182) 80001 - 80003	01
	030-1107-46	. CONTACT	V22373		AR
PI900	S3070-9	CONNECTOR (ZONE 225)	V49367	(182) 80001 - 80003	01
	LMD6106P	. BUSSING MODULE	V49367		01
	S2353-5	. PIN			AR
	LMS01T-TL	. SPLICE CONNECTOR	V49367		01
PS300	S1640-9	CONNECTOR - ROLL SERVO (ZONE 610)		(182) 80001 - 80003	01
	S1635-1	. CONTACT	V49367		AR
	S1635-6	. CONTACT			AR
PZ900	S2349-1	CONNECTOR - AVIONICS CIRCUIT BREAKER	V00779	(182) 80001 - 80003	01
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
SC001		- COPILOT DOME LIGHT			RF
UI300		COMPUTER - KC140 WING LEVELER			RF
UI500		AUDIO CONTROL			RF

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Figure 01 : Sheet 01 : WING LEVELER-STANDARD



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SINGLE AXIS AUTOPILOT-STANDARD

AIRPLANES (182) 80004 THRU 80660

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GS301	3910276-2	GROUND (ZONE 210)		(182) 80004 - 80660	01
JI506	S1641-6	CONNECTOR - PILOT CONTROL WHEEL (ZONE 211)		(182) 80004 - 80660	01
	S1636-1	. CONTACT			AR
JI901	S2350-3	CONNECTOR - AVIONICS COOLING FAN		(182) 80004 - 80660	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PC007	S1640-9	CONNECTOR - ELECTRICAL/AVIONIC DISCONNECT (ZONE 610)		(182) 80004 - 80660	01
	S1635-1	. CONTACT	V49367		AR
PF902	SK2701	CONNECTOR (ZONE 221)	V28198	(182) 80004 - 80660	01
	FC120N2	. CONTACT	V28198		AR
PF903	SK2701	CONNECTOR (ZONE 221)	V28198	(182) 80004 - 80660	01
	FC120N2	. CONTACT	V28198		AR
PI302	D01PB406NT-837	CONNECTOR - DIRECTIONAL GYRO	V50541	(182) 80004 - 80660	01
	YSK006-11AH	. CONTACT	V50541		AR
PI303	030-01175-0000	CONNECTOR - AUTOPILOT COMPUTER (ZONE 225)	V22373	(182) 80004 - 80660	01
	050-03375-0001	. CONNECTOR KIT	V22373		01
PI304	030-01176-0000	CONNECTOR - AUTOPILOT COMPUTER (ZONE 225)	V22373	(182) 80004 - 80660	01
	050-03375-0001	. CONNECTOR KIT	V22373		01
PI305	030-01171-0000	CONNECTOR - CONFIGURATION MODULE (ZONE 211)	V22373	(182) 80004 - 80660	01
	050-03245-0000	. CONNECTOR KIT	V22373		01
PI306	033-00230-0000	CONNECTOR - RS232 INTERFACE (ZONE 220)	V22373	(182) 80004 - 80660	01
	050-03375-0001	. CONNECTOR KIT	V22373		01
PI307	97-4106A14S-5S	CONNECTOR - TURN COORDINATOR (ZONE 220)	V77820	(182) 80004 - 80660	01
	97-3057-1007-1	. BACKSHELL	V77820		01
	9755-1622S-4	. CONTACT	V77820		AR
	S1635-1	. CONTACT	V49367		AR
PI507	050-03392-0000	CONNECTOR - AUDIO PANEL (ZONE 225)	V22373	(182) 80004 - 80660	01
PI508	030-01176-0001	CONNECTOR - AUDIO PANEL (ZONE 225)	V22373	(182) 80004 - 80660	01
PS300	S1640-9	CONNECTOR - ROLL SERVO (ZONE 610)		(182) 80004 - 80660	01
	S1635-1	. CONTACT	V49367		AR
	S1635-6	. CONTACT			AR
UI302		GYRO - DIRECTIONAL			RF
UI303		COMPUTER - KC140 AUTOPILOT			RF
UI304		COMPUTER - KC140 AUTOPILOT			RF
UI305		MODULE - CONFIGURATION			RF
UI307		INDICATOR - TURN COORDINATOR			RF
UI507		PANEL - KMA-26 AUDIO			RF
UI508		PANEL - KMA-26 AUDIO			RF

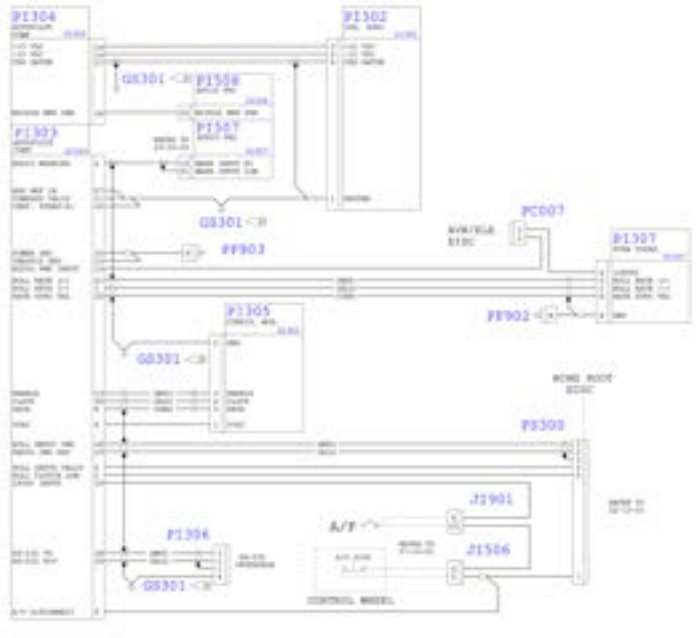
SINGLE AXIS AUTOPILOT-STANDARD

AIRPLANES (182) 80004 THRU 80660

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GS301	3910276-2	GROUND (ZONE 210)		(182) 80004 - 80660	01
PI303	030-01175-0000	CONNECTOR - AUTOPILOT COMPUTER (ZONE 225)	V22373	(182) 80004 - 80660	01
	050-03375-0001	. CONNECTOR KIT	V22373		01
PI304	030-01176-0000	CONNECTOR - AUTOPILOT COMPUTER (ZONE 225)	V22373	(182) 80004 - 80660	01
	050-03375-0001	. CONNECTOR KIT	V22373		01
PI604	050-01550-0001	CONNECTOR KIT - KI209A INDICATOR (ZONE 224)	V22373	(182) 80004 - 80660	01
PI900	S3070-9	CONNECTOR (ZONE 225)	V49367	(182) 80004 - 80660	01
	LMD6106P	. BUSSING MODULE	V49367		01
	S2353-5	. PIN			AR
	LMS01T-TL	. SPLICE CONNECTOR	V49367		01
UI303		COMPUTER - KC140 AUTOPILOT			RF
UI304		COMPUTER - KC140 AUTOPILOT			RF
UI604		INDICATOR - NAVIGATION			RF

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Figure 01 : Sheet 01 : SINGLE AXIS AUTOPILOT-STANDARD



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Figure 01 : Sheet 02 : SINGLE AXIS AUTOPILOT-STANDARD



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SINGLE AXIS AUTOPILOT-STANDARD

AIRPLANES (182) 80661 THRU 80944

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GS301	3910276-2	GROUND (ZONE 210)		(182) 80661 - 80944	01
JI506	S1641-6	CONNECTOR - PILOT CONTROL WHEEL (ZONE 211)		(182) 80661 - 80944	01
	S1636-1	. CONTACT			AR
JI901	S2350-3	CONNECTOR - AVIONICS COOLING FAN		(182) 80661 - 80944	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PC007	S1640-9	CONNECTOR - ELECTRICAL/AVIONIC DISCONNECT (ZONE 610)		(182) 80661 - 80944	01
	S1635-1	. CONTACT	V49367		AR
PF902	SK2701	CONNECTOR (ZONE 221)	V28198	(182) 80661 - 80944	01
	FC120N2	. CONTACT	V28198		AR
PF903	SK2701	CONNECTOR (ZONE 221)	V28198	(182) 80661 - 80944	01
	FC120N2	. CONTACT	V28198		AR
PI302	D01PB406NT-837	CONNECTOR - DIRECTIONAL GYRO	V50541	(182) 80661 - 80944	01
	YSK006-11AH	. CONTACT	V50541		AR
PI303	030-01175-0000	CONNECTOR - AUTOPILOT COMPUTER (ZONE 225)	V22373	(182) 80661 - 80944	01
	050-03375-0001	. CONNECTOR KIT	V22373		01
PI304	030-01176-0000	CONNECTOR - AUTOPILOT COMPUTER (ZONE 225)	V22373	(182) 80661 - 80944	01
	050-03375-0001	. CONNECTOR KIT	V22373		01
PI305	030-01171-0000	CONNECTOR - CONFIGURATION MODULE (ZONE 211)	V22373	(182) 80661 - 80944	01
	050-03245-0000	. CONNECTOR KIT	V22373		01
PI306	033-00230-0000	CONNECTOR - RS232 INTERFACE (ZONE 220)	V22373	(182) 80661 - 80944	01
	050-03375-0001	. CONNECTOR KIT	V22373		01
PI307	97-4106A14S-5S	CONNECTOR - TURN COORDINATOR (ZONE 220)	V77820	(182) 80661 - 80944	01
	97-3057-1007-1	. BACKSHELL	V77820		01
	9755-1622S-4	. CONTACT	V77820		AR
	S1635-1	. CONTACT	V49367		AR
PI507	050-03392-0000	CONNECTOR - AUDIO PANEL (ZONE 225)	V22373	(182) 80661 - 80944	01
PI508	030-01176-0001	CONNECTOR - AUDIO PANEL (ZONE 225)	V22373	(182) 80661 - 80944	01
PS300	S1640-9	CONNECTOR - ROLL SERVO (ZONE 610)		(182) 80661 - 80944	01
	S1635-1	. CONTACT	V49367		AR
	S1635-6	. CONTACT			AR
UI302		GYRO - DIRECTIONAL			RF
UI303		COMPUTER - KC140 AUTOPILOT			RF
UI304		COMPUTER - KC140 AUTOPILOT			RF
UI305		MODULE - CONFIGURATION			RF
UI307		INDICATOR - TURN COORDINATOR			RF
UI507		PANEL - KMA-26 AUDIO			RF
UI508		PANEL - KMA-26 AUDIO			RF

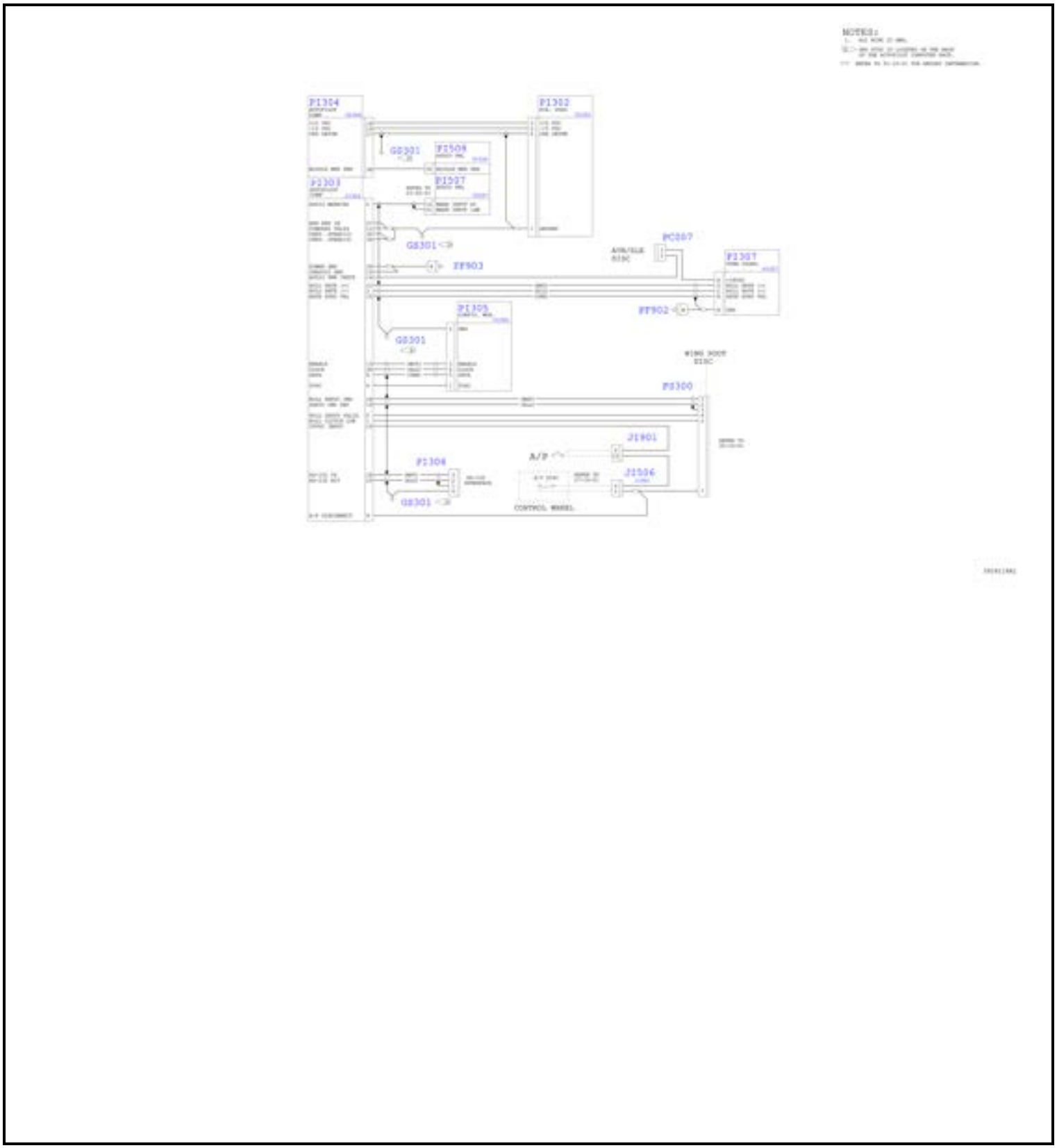
SINGLE AXIS AUTOPILOT-STANDARD

AIRPLANES (182) 80661 THRU 80944

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GS301	3910276-2	GROUND (ZONE 210)		(182) 80661 - 80944	01
PI303	030-01175-0000	CONNECTOR - AUTOPILOT COMPUTER (ZONE 225)	V22373	(182) 80661 - 80944	01
	050-03375-0001	. CONNECTOR KIT	V22373		01
PI304	030-01176-0000	CONNECTOR - AUTOPILOT COMPUTER (ZONE 225)	V22373	(182) 80661 - 80944	01
	050-03375-0001	. CONNECTOR KIT	V22373		01
PI604	050-01550-0001	CONNECTOR KIT - KI209A INDICATOR (ZONE 224)	V22373	(182) 80661 - 80944	01
PI900	S3070-9	CONNECTOR (ZONE 225)	V49367	(182) 80661 - 80944	01
	LMD6106P	. BUSSING MODULE	V49367		01
	S2353-5	. PIN			AR
	LMS01T-TL	. SPLICE CONNECTOR	V49367		01
UI303		COMPUTER - KC140 AUTOPILOT			RF
UI304		COMPUTER - KC140 AUTOPILOT			RF
UI604		INDICATOR - NAVIGATION			RF

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Figure 02 : Sheet 01 : SINGLE AXIS AUTOPILOT-STANDARD



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Figure 02 : Sheet 02 : SINGLE AXIS AUTOPILOT-STANDARD



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DUAL AXIS AUTOPILOT-NAV I

AIRPLANES (182) 80004 THRU 80164

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GS301	3910276-2	GROUND (ZONE 210)		(182) 80004 - 80164	01
JI514	S1641-9	CONNECTOR - CONTROL WHEEL (ZONE 222)		(182) 80004 - 80164	01
	S1636-1	. CONTACT			AR
JI901	S2350-3	CONNECTOR - AVIONICS COOLING FAN		(182) 80004 - 80164	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PC007	S1640-9	CONNECTOR - ELECTRICAL/AVIONIC DISCONNECT (ZONE 610)		(182) 80004 - 80164	01
	S1635-1	. CONTACT	V49367		AR
PF902	SK2701	CONNECTOR (ZONE 221)	V28198	(182) 80004 - 80164	01
	FC120N2	. CONTACT	V28198		AR
PF903	SK2701	CONNECTOR (ZONE 221)	V28198	(182) 80004 - 80164	01
	FC120N2	. CONTACT	V28198		AR
PI302	D01PB406NT-837	CONNECTOR - DIRECTIONAL GYRO	V50541	(182) 80004 - 80164	01
	YSK006-11AH	. CONTACT	V50541		AR
PI303	030-01175-0000	CONNECTOR - AUTOPILOT COMPUTER (ZONE 225)	V22373	(182) 80004 - 80164	01
	050-03375-0001	. CONNECTOR KIT	V22373		01
PI304	030-01176-0000	CONNECTOR - AUTOPILOT COMPUTER (ZONE 225)	V22373	(182) 80004 - 80164	01
	050-03375-0001	. CONNECTOR KIT	V22373		01
PI305	030-01171-0000	CONNECTOR - CONFIGURATION MODULE (ZONE 211)	V22373	(182) 80004 - 80164	01
	050-03245-0000	. CONNECTOR KIT	V22373		01
PI306	033-00230-0000	CONNECTOR - RS232 INTERFACE (ZONE 220)	V22373	(182) 80004 - 80164	01
	050-03375-0001	. CONNECTOR KIT	V22373		01
PI307	97-4106A14S-5S	CONNECTOR - TURN COORDINATOR (ZONE 220)	V77820	(182) 80004 - 80164	01
	97-3057-1007-1	. BACKSHELL	V77820		01
	9755-1622S-4	. CONTACT	V77820		AR
	S1635-1	. CONTACT	V49367		AR
PI507	050-03392-0000	CONNECTOR - AUDIO PANEL (ZONE 225)	V22373	(182) 80004 - 80164	01
PI508	030-01176-0001	CONNECTOR - AUDIO PANEL (ZONE 225)	V22373	(182) 80004 - 80164	01
PS300	S1640-9	CONNECTOR - ROLL SERVO (ZONE 610)		(182) 80004 - 80164	01
	S1635-1	. CONTACT	V49367		AR
	S1635-6	. CONTACT			AR
UI302		GYRO - DIRECTIONAL			RF
UI303		COMPUTER - KC140 AUTOPILOT			RF
UI304		COMPUTER - KC140 AUTOPILOT			RF
UI305		MODULE - CONFIGURATION			RF
UI307		INDICATOR - TURN COORDINATOR			RF
UI507		PANEL - KMA-26 AUDIO			RF
UI508		PANEL - KMA-26 AUDIO			RF

DUAL AXIS AUTOPILOT-NAV I

AIRPLANES (182) 80004 THRU 80164

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GS301	3910276-2	GROUND (ZONE 210)		(182) 80004 - 80164	01
GS302		GROUND (ZONE 310)			RF
GS303		GROUND (ZONE 310)			RF
PC007	S1640-9	CONNECTOR - ELECTRICAL/AVIONIC DISCONNECT (ZONE 610)		(182) 80004 - 80164	01
	S1635-1	. CONTACT	V49367		AR
PF903	SK2701	CONNECTOR (ZONE 221)	V28198	(182) 80004 - 80164	01
	FC120N2	. CONTACT	V28198		AR
PI303	030-01175-0000	CONNECTOR - AUTOPILOT COMPUTER (ZONE 225)	V22373	(182) 80004 - 80164	01
	050-03375-0001	. CONNECTOR KIT	V22373		01
PI304	030-01176-0000	CONNECTOR - AUTOPILOT COMPUTER (ZONE 225)	V22373	(182) 80004 - 80164	01
	050-03375-0001	. CONNECTOR KIT	V22373		01
PI604	050-01550-0001	CONNECTOR KIT - KI209A INDICATOR (ZONE 224)	V22373	(182) 80004 - 80164	01
PI900	S3070-9	CONNECTOR (ZONE 225)	V49367	(182) 80004 - 80164	01
	LMD6106P	. BUSSING MODULE	V49367		01
	S2353-5	. PIN			AR
	LMS01T-TL	. SPLICE CONNECTOR	V49367		01
PT300	030-03248-0000	CONNECTOR - PITCH SERVO (ZONE 310)	V22373	(182) 80004 - 80164	01
	050-00398-0000	. CONNECTOR KIT	V22373		01
PT301	030-03248-0000	CONNECTOR - PITCH TRIM ACTUATOR (ZONE 310)	V22373	(182) 80004 - 80164	01
	050-00398-0000	. CONNECTOR KIT	V22373		01
UI303		COMPUTER - KC140 AUTOPILOT			RF
UI304		COMPUTER - KC140 AUTOPILOT			RF
UI604		INDICATOR - NAVIGATION			RF

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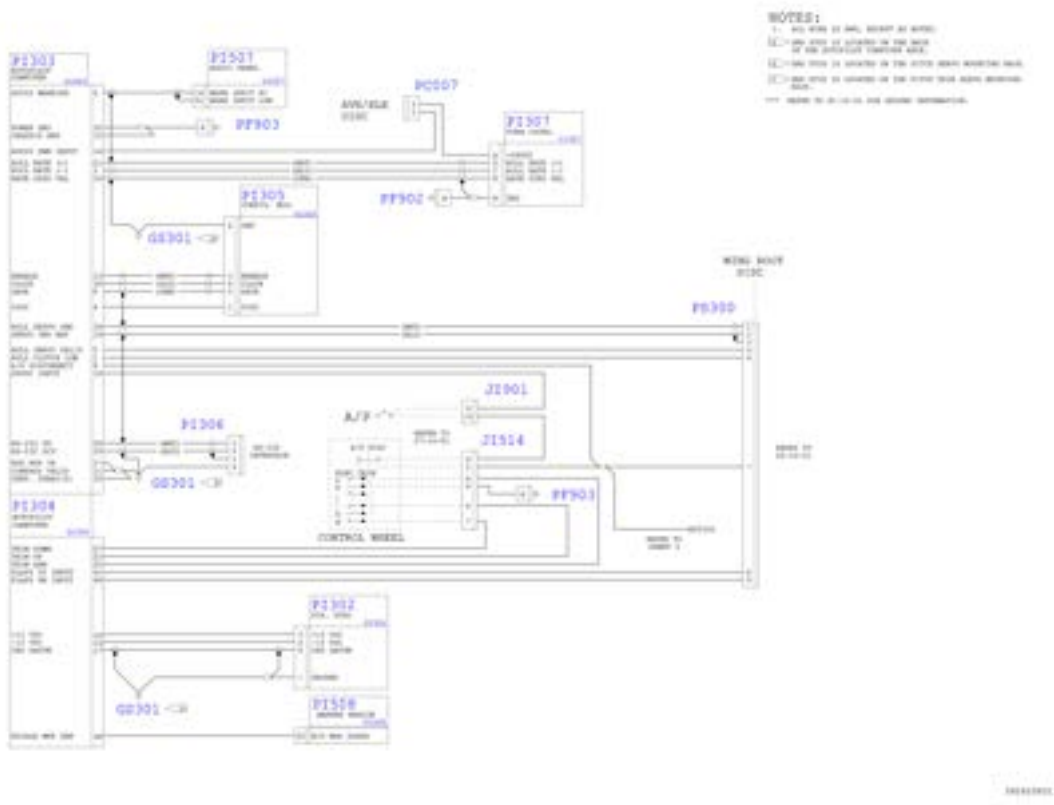
DUAL AXIS AUTOPILOT-NAV I

AIRPLANES (182) 80004 THRU 80164

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	EFFECTIVITY	UNITS PER ASSY
UT300		PITCH - KC270C SERVO		RF
UT301		ACTUATOR - PITCH TRIM		RF

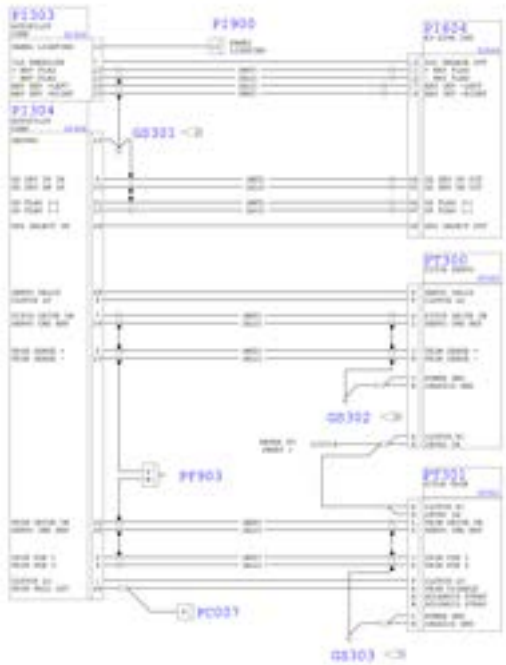
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Figure 01 : Sheet 01 : DUAL AXIS AUTOPILOT-NAV I



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Figure 01 : Sheet 02 : DUAL AXIS AUTOPILOT-NAV I



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DUAL AXIS AUTOPILOT-NAV I

AIRPLANES (182) 80165 THRU 80660

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GS301	3910276-2	GROUND (ZONE 210)		(182) 80165 - 80660	01
JI514	S1641-9	CONNECTOR - CONTROL WHEEL (ZONE 222)		(182) 80165 - 80660	01
	S1636-1	. CONTACT			AR
JI901	S2350-3	CONNECTOR - AVIONICS COOLING FAN		(182) 80165 - 80660	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PC007	S1640-9	CONNECTOR - ELECTRICAL/AVIONIC DISCONNECT (ZONE 610)		(182) 80165 - 80660	01
	S1635-1	. CONTACT	V49367		AR
PF902	SK2701	CONNECTOR (ZONE 221)	V28198	(182) 80165 - 80660	01
	FC120N2	. CONTACT	V28198		AR
PF903	SK2701	CONNECTOR (ZONE 221)	V28198	(182) 80165 - 80660	01
	FC120N2	. CONTACT	V28198		AR
PI302	D01PB406NT-837	CONNECTOR - DIRECTIONAL GYRO	V50541	(182) 80165 - 80660	01
	YSK006-11AH	. CONTACT	V50541		AR
PI303	030-01175-0000	CONNECTOR - AUTOPILOT COMPUTER (ZONE 225)	V22373	(182) 80165 - 80660	01
	050-03375-0001	. CONNECTOR KIT	V22373		01
PI304	030-01176-0000	CONNECTOR - AUTOPILOT COMPUTER (ZONE 225)	V22373	(182) 80165 - 80660	01
	050-03375-0001	. CONNECTOR KIT	V22373		01
PI305	030-01171-0000	CONNECTOR - CONFIGURATION MODULE (ZONE 211)	V22373	(182) 80165 - 80660	01
	050-03245-0000	. CONNECTOR KIT	V22373		01
PI306	033-00230-0000	CONNECTOR - RS232 INTERFACE (ZONE 220)	V22373	(182) 80165 - 80660	01
	050-03375-0001	. CONNECTOR KIT	V22373		01
PI307	97-4106A14S-5S	CONNECTOR - TURN COORDINATOR (ZONE 220)	V77820	(182) 80165 - 80660	01
	97-3057-1007-1	. BACKSHELL	V77820		01
	9755-1622S-4	. CONTACT	V77820		AR
	S1635-1	. CONTACT	V49367		AR
PI507	050-03392-0000	CONNECTOR - AUDIO PANEL (ZONE 225)	V22373	(182) 80165 - 80660	01
PI508	030-01176-0001	CONNECTOR - AUDIO PANEL (ZONE 225)	V22373	(182) 80165 - 80660	01
PS300	S1640-9	CONNECTOR - ROLL SERVO (ZONE 610)		(182) 80165 - 80660	01
	S1635-1	. CONTACT	V49367		AR
	S1635-6	. CONTACT			AR
UI302		GYRO - DIRECTIONAL			RF
UI303		COMPUTER - KC140 AUTOPILOT			RF
UI304		COMPUTER - KC140 AUTOPILOT			RF
UI305		MODULE - CONFIGURATION			RF
UI307		INDICATOR - TURN COORDINATOR			RF
UI507		PANEL - KMA-26 AUDIO			RF
UI508		PANEL - KMA-26 AUDIO			RF

DUAL AXIS AUTOPILOT-NAV I

AIRPLANES (182) 80165 THRU 80660

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GS301	3910276-2	GROUND (ZONE 210)		(182) 80165 - 80660	01
GS302		GROUND (ZONE 310)			RF
GS303		GROUND (ZONE 310)			RF
PC007	S1640-9	CONNECTOR - ELECTRICAL/AVIONIC DISCONNECT (ZONE 610)		(182) 80165 - 80660	01
	S1635-1	. CONTACT	V49367		AR
PF903	SK2701	CONNECTOR (ZONE 221)	V28198	(182) 80165 - 80660	01
	FC120N2	. CONTACT	V28198		AR
PI303	030-01175-0000	CONNECTOR - AUTOPILOT COMPUTER (ZONE 225)	V22373	(182) 80165 - 80660	01
	050-03375-0001	. CONNECTOR KIT	V22373		01
PI304	030-01176-0000	CONNECTOR - AUTOPILOT COMPUTER (ZONE 225)	V22373	(182) 80165 - 80660	01
	050-03375-0001	. CONNECTOR KIT	V22373		01
PI604	050-01550-0001	CONNECTOR KIT - KI209A INDICATOR (ZONE 224)	V22373	(182) 80165 - 80660	01
PI900	S3070-9	CONNECTOR (ZONE 225)	V49367	(182) 80165 - 80660	01
	LMD6106P	. BUSSING MODULE	V49367		01
	S2353-5	. PIN			AR
	LMS01T-TL	. SPLICE CONNECTOR	V49367		01
PT300	030-03248-0000	CONNECTOR - PITCH SERVO (ZONE 310)	V22373	(182) 80165 - 80660	01
	050-00398-0000	. CONNECTOR KIT	V22373		01
PT301	030-03248-0000	CONNECTOR - PITCH TRIM ACTUATOR (ZONE 310)	V22373	(182) 80165 - 80660	01
	050-00398-0000	. CONNECTOR KIT	V22373		01
UI303		COMPUTER - KC140 AUTOPILOT			RF
UI304		COMPUTER - KC140 AUTOPILOT			RF
UI604		INDICATOR - NAVIGATION			RF

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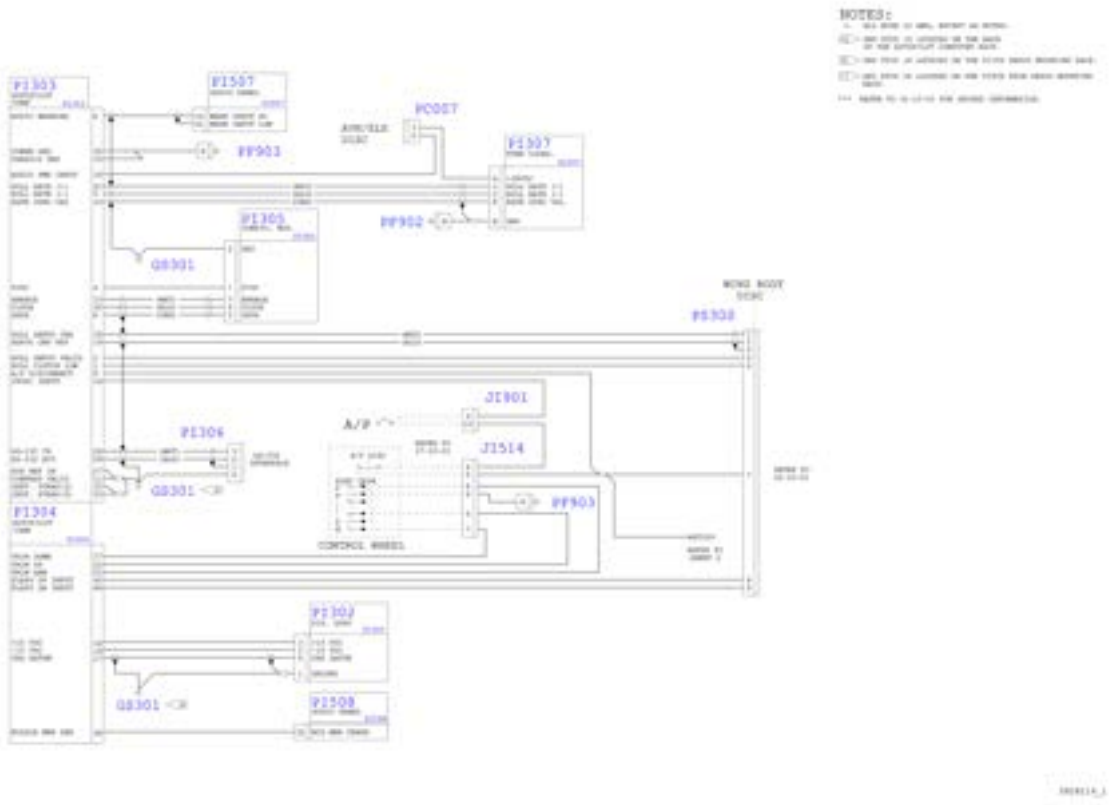
DUAL AXIS AUTOPILOT-NAV I

AIRPLANES (182) 80165 THRU 80660

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	EFFECTIVITY	UNITS PER ASSY
UT300		PITCH - KC270C SERVO		RF
UT301		ACTUATOR - PITCH TRIM		RF

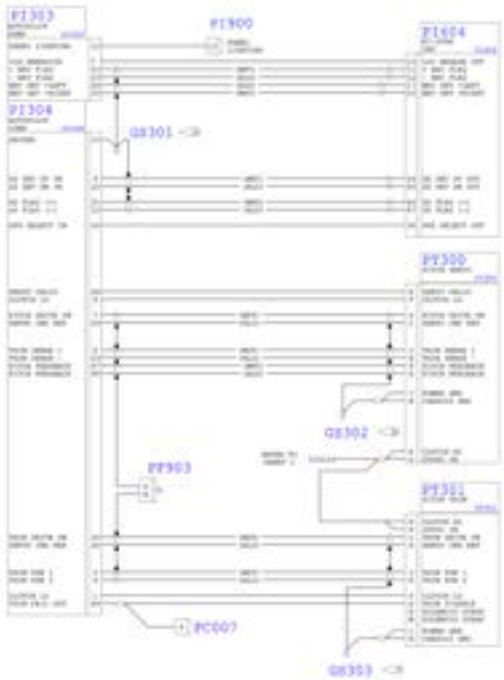
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Figure 02 : Sheet 01 : DUAL AXIS AUTOPILOT-NAV I



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Figure 02 : Sheet 02 : DUAL AXIS AUTOPILOT-NAV I



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DUAL AXIS AUTOPILOT-NAV I

AIRPLANES (182) 80661 THRU 80944

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GS301	3910276-2	GROUND (ZONE 210)		(182) 80661 - 80944	01
JI514	S1641-9	CONNECTOR - CONTROL WHEEL (ZONE 222)		(182) 80661 - 80944	01
	S1636-1	. CONTACT			AR
JI901	S2350-3	CONNECTOR - AVIONICS COOLING FAN		(182) 80661 - 80944	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PC007	S1640-9	CONNECTOR - ELECTRICAL/AVIONIC DISCONNECT (ZONE 610)		(182) 80661 - 80944	01
	S1635-1	. CONTACT	V49367		AR
PF902	SK2701	CONNECTOR (ZONE 221)	V28198	(182) 80661 - 80944	01
	FC120N2	. CONTACT	V28198		AR
PF903	SK2701	CONNECTOR (ZONE 221)	V28198	(182) 80661 - 80944	01
	FC120N2	. CONTACT	V28198		AR
PI302	D01PB406NT-837	CONNECTOR - DIRECTIONAL GYRO	V50541	(182) 80661 - 80944	01
	YSK006-11AH	. CONTACT	V50541		AR
PI303	030-01175-0000	CONNECTOR - AUTOPILOT COMPUTER (ZONE 225)	V22373	(182) 80661 - 80944	01
	050-03375-0001	. CONNECTOR KIT	V22373		01
PI304	030-01176-0000	CONNECTOR - AUTOPILOT COMPUTER (ZONE 225)	V22373	(182) 80661 - 80944	01
	050-03375-0001	. CONNECTOR KIT	V22373		01
PI305	030-01171-0000	CONNECTOR - CONFIGURATION MODULE (ZONE 211)	V22373	(182) 80661 - 80944	01
	050-03245-0000	. CONNECTOR KIT	V22373		01
PI306	033-00230-0000	CONNECTOR - RS232 INTERFACE (ZONE 220)	V22373	(182) 80661 - 80944	01
	050-03375-0001	. CONNECTOR KIT	V22373		01
PI307	97-4106A14S-5S	CONNECTOR - TURN COORDINATOR (ZONE 220)	V77820	(182) 80661 - 80944	01
	97-3057-1007-1	. BACKSHELL	V77820		01
	9755-1622S-4	. CONTACT	V77820		AR
	S1635-1	. CONTACT	V49367		AR
PI507	050-03392-0000	CONNECTOR - AUDIO PANEL (ZONE 225)	V22373	(182) 80661 - 80944	01
PI508	030-01176-0001	CONNECTOR - AUDIO PANEL (ZONE 225)	V22373	(182) 80661 - 80944	01
PS300	S1640-9	CONNECTOR - ROLL SERVO (ZONE 610)		(182) 80661 - 80944	01
	S1635-1	. CONTACT	V49367		AR
	S1635-6	. CONTACT			AR
UI302		GYRO - DIRECTIONAL			RF
UI303		COMPUTER - KC140 AUTOPILOT			RF
UI304		COMPUTER - KC140 AUTOPILOT			RF
UI305		MODULE - CONFIGURATION			RF
UI307		INDICATOR - TURN COORDINATOR			RF
UI507		PANEL - KMA-26 AUDIO			RF
UI508		PANEL - KMA-26 AUDIO			RF

DUAL AXIS AUTOPILOT-NAV I

AIRPLANES (182) 80661 THRU 80944

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GS301	3910276-2	GROUND (ZONE 210)		(182) 80661 - 80944	01
GS302		GROUND (ZONE 310)			RF
GS303		GROUND (ZONE 310)			RF
PC007	S1640-9	CONNECTOR - ELECTRICAL/AVIONIC DISCONNECT (ZONE 610)		(182) 80661 - 80944	01
	S1635-1	. CONTACT	V49367		AR
PF903	SK2701	CONNECTOR (ZONE 221)	V28198	(182) 80661 - 80944	01
	FC120N2	. CONTACT	V28198		AR
PI303	030-01175-0000	CONNECTOR - AUTOPILOT COMPUTER (ZONE 225)	V22373	(182) 80661 - 80944	01
	050-03375-0001	. CONNECTOR KIT	V22373		01
PI304	030-01176-0000	CONNECTOR - AUTOPILOT COMPUTER (ZONE 225)	V22373	(182) 80661 - 80944	01
	050-03375-0001	. CONNECTOR KIT	V22373		01
PI604	050-01550-0001	CONNECTOR KIT - KI209A INDICATOR (ZONE 224)	V22373	(182) 80661 - 80944	01
PI800	030-1094-02	CONNECTOR KIT - TRANSPONDER (ZONE 225)	V22373	(182) 80661 - 80944	01
	030-01107-0030	. CONTACT	V22373		AR
	030-1096-00	. POLARIZING PIN	V22373		AR
PI900	S3070-9	CONNECTOR (ZONE 225)	V49367	(182) 80661 - 80944	01
	LMD6106P	. BUSSING MODULE	V49367		01
	S2353-5	. PIN			AR
	LMS01T-TL	. SPLICE CONNECTOR	V49367		01
PT300	030-03248-0000	CONNECTOR - PITCH SERVO (ZONE 310)	V22373	(182) 80661 - 80944	01
	050-00398-0000	. CONNECTOR KIT	V22373		01
PT301	030-03248-0000	CONNECTOR - PITCH TRIM ACTUATOR (ZONE 310)	V22373	(182) 80661 - 80944	01
	050-00398-0000	. CONNECTOR KIT	V22373		01

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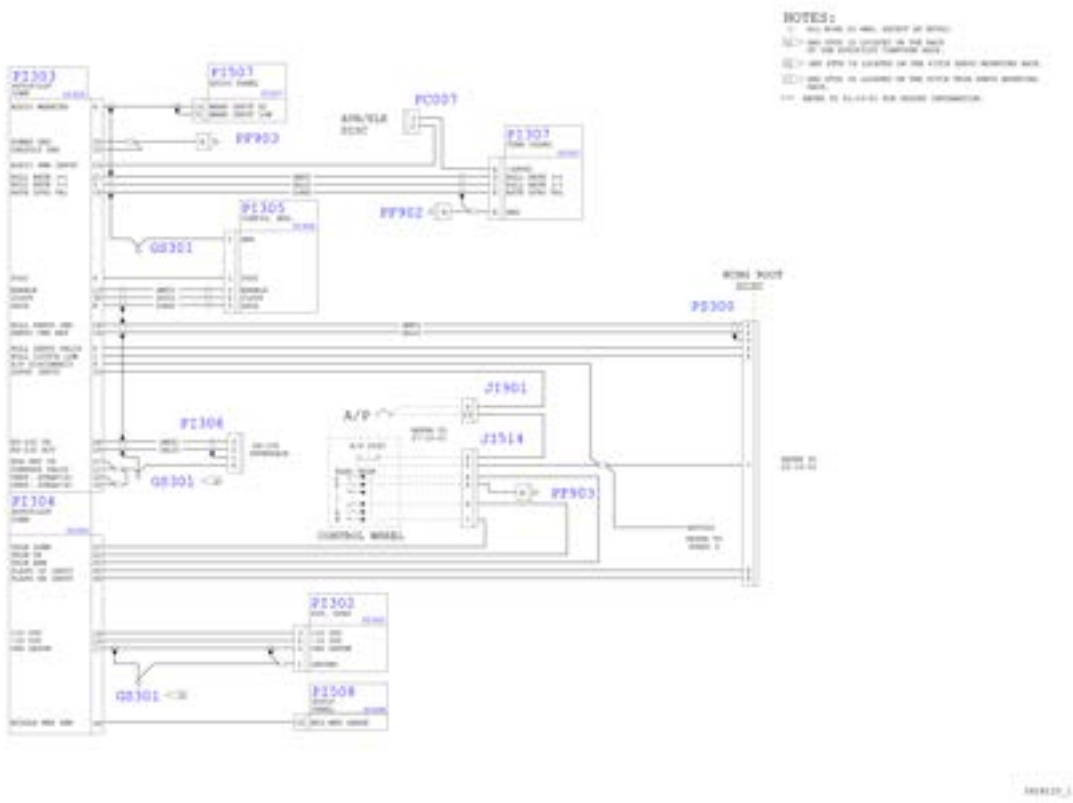
DUAL AXIS AUTOPILOT-NAV I

AIRPLANES (182) 80661 THRU 80944

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	EFFECTIVITY	UNITS PER ASSY
UI303		COMPUTER - KC140 AUTOPILOT		RF
UI304		COMPUTER - KC140 AUTOPILOT		RF
UI604		INDICATOR - NAVIGATION		RF
UI800		TRANSPONDER		RF
UT300		PITCH - KC270C SERVO		RF
UT301		ACTUATOR - PITCH TRIM		RF

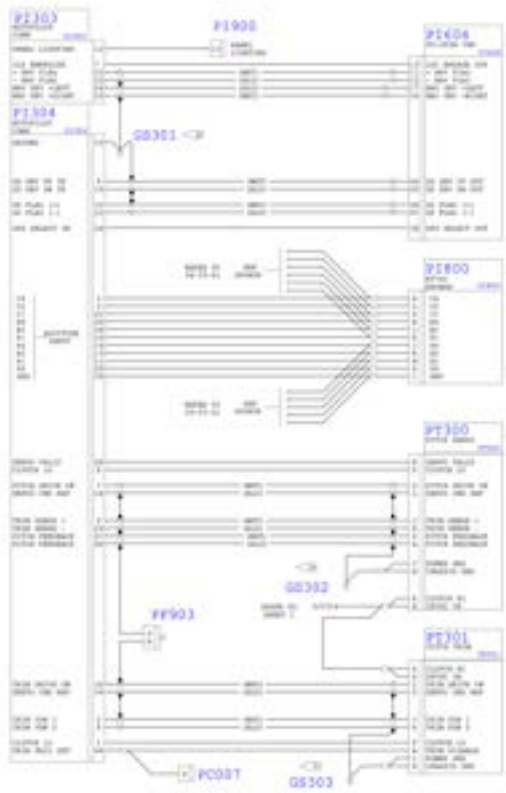
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Figure 03 : Sheet 01 : DUAL AXIS AUTOPILOT-NAV I



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Figure 03 : Sheet 02 : DUAL AXIS AUTOPILOT-NAV I



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DUAL AXIS AUTOPILOT-NAV I W/HSI

AIRPLANES (182) 80454 THRU 80660

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GS301	3910276-2	GROUND (ZONE 210)		(182) 80454 - 80660	01
JI514	S1641-9	CONNECTOR - CONTROL WHEEL (ZONE 222)		(182) 80454 - 80660	01
	S1636-1	. CONTACT			AR
JI901	S2350-3	CONNECTOR - AVIONICS COOLING FAN		(182) 80454 - 80660	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PC007	S1640-9	CONNECTOR - ELECTRICAL/AVIONIC DISCONNECT (ZONE 610)		(182) 80454 - 80660	01
	S1635-1	. CONTACT	V49367		AR
PF902	SK2701	CONNECTOR (ZONE 221)	V28198	(182) 80454 - 80660	01
	FC120N2	. CONTACT	V28198		AR
PF903	SK2701	CONNECTOR (ZONE 221)	V28198	(182) 80454 - 80660	01
	FC120N2	. CONTACT	V28198		AR
PI303	030-01175-0000	CONNECTOR - AUTOPILOT COMPUTER (ZONE 225)	V22373	(182) 80454 - 80660	01
	050-03375-0001	. CONNECTOR KIT	V22373		01
PI304	030-01176-0000	CONNECTOR - AUTOPILOT COMPUTER (ZONE 225)	V22373	(182) 80454 - 80660	01
	050-03375-0001	. CONNECTOR KIT	V22373		01
PI305	030-01171-0000	CONNECTOR - CONFIGURATION MODULE (ZONE 211)	V22373	(182) 80454 - 80660	01
	050-03245-0000	. CONNECTOR KIT	V22373		01
PI306	033-00230-0000	CONNECTOR - RS232 INTERFACE (ZONE 220)	V22373	(182) 80454 - 80660	01
	050-03375-0001	. CONNECTOR KIT	V22373		01
PI307	97-4106A14S-5S	CONNECTOR - TURN COORDINATOR (ZONE 220)	V77820	(182) 80454 - 80660	01
	97-3057-1007-1	. BACKSHELL	V77820		01
	9755-1622S-4	. CONTACT	V77820		AR
	S1635-1	. CONTACT	V49367		AR
PI308	030-02153-0000	CONNECTOR - HORIZONTAL SITUATION INDICATOR (ZONE 310)	V22373	(182) 80454 - 80660	01
	S2800-216	. BACKSHELL			01
	050-01344-0002	. CONNECTOR KIT	V22373		01
PI309	030-02178-0000	CONNECTOR - HORIZONTAL SITUATION INDICATOR (ZONE 310)	V22373	(182) 80454 - 80660	01
	050-01344-0002	. CONNECTOR KIT	V22373		01
PI507	050-03392-0000	CONNECTOR - AUDIO PANEL (ZONE 225)	V22373	(182) 80454 - 80660	01
PI508	030-01176-0001	CONNECTOR - AUDIO PANEL (ZONE 225)	V22373	(182) 80454 - 80660	01
PS300	S1640-9	CONNECTOR - ROLL SERVO (ZONE 610)		(182) 80454 - 80660	01
	S1635-1	. CONTACT	V49367		AR
	S1635-6	. CONTACT			AR
UI303		COMPUTER - KC140 AUTOPILOT			RF
UI304		COMPUTER - KC140 AUTOPILOT			RF
UI305		MODULE - CONFIGURATION			RF
UI307		INDICATOR - TURN COORDINATOR			RF
UI308		INDICATOR - HORIZONTAL SITUATION			RF
UI309		INDICATOR - HORIZONTAL SITUATION			RF
UI507		PANEL - KMA-26 AUDIO			RF
UI508		PANEL - KMA-26 AUDIO			RF

DUAL AXIS AUTOPILOT-NAV I W/HSI

AIRPLANES (182) 80454 THRU 80660

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GS301	3910276-2	GROUND (ZONE 210)		(182) 80454 - 80660	01
GS302		GROUND (ZONE 310)			RF
GS303		GROUND (ZONE 310)			RF
PC007	S1640-9	CONNECTOR - ELECTRICAL/AVIONIC DISCONNECT (ZONE 610)		(182) 80454 - 80660	01
	S1635-1	. CONTACT	V49367		AR
PI303	030-01175-0000	CONNECTOR - AUTOPILOT COMPUTER (ZONE 225)	V22373	(182) 80454 - 80660	01
	050-03375-0001	. CONNECTOR KIT	V22373		01
PI304	030-01176-0000	CONNECTOR - AUTOPILOT COMPUTER (ZONE 225)	V22373	(182) 80454 - 80660	01
	050-03375-0001	. CONNECTOR KIT	V22373		01
PI309	030-02178-0000	CONNECTOR - HORIZONTAL SITUATION INDICATOR (ZONE 310)	V22373	(182) 80454 - 80660	01
	050-01344-0002	. CONNECTOR KIT	V22373		01
PI704	RD50F10JVL0	CONNECTOR KIT - GPS SWITCHING UNIT (ZONE 225)	V28198	(182) 80454 - 80660	01
PI705	RD50M10JVL0	CONNECTOR KIT - GPS SELECTOR (ZONE 225)	V28198	(182) 80454 - 80660	01
PI900	S3070-9	CONNECTOR (ZONE 225)	V49367	(182) 80454 - 80660	01
	LMD6106P	. BUSSING MODULE	V49367		01
	S2353-5	. PIN			AR
	LMS01T-TL	. SPLICE CONNECTOR	V49367		01
PT300	030-03248-0000	CONNECTOR - PITCH SERVO (ZONE 310)	V22373	(182) 80454 - 80660	01
	050-00398-0000	. CONNECTOR KIT	V22373		01

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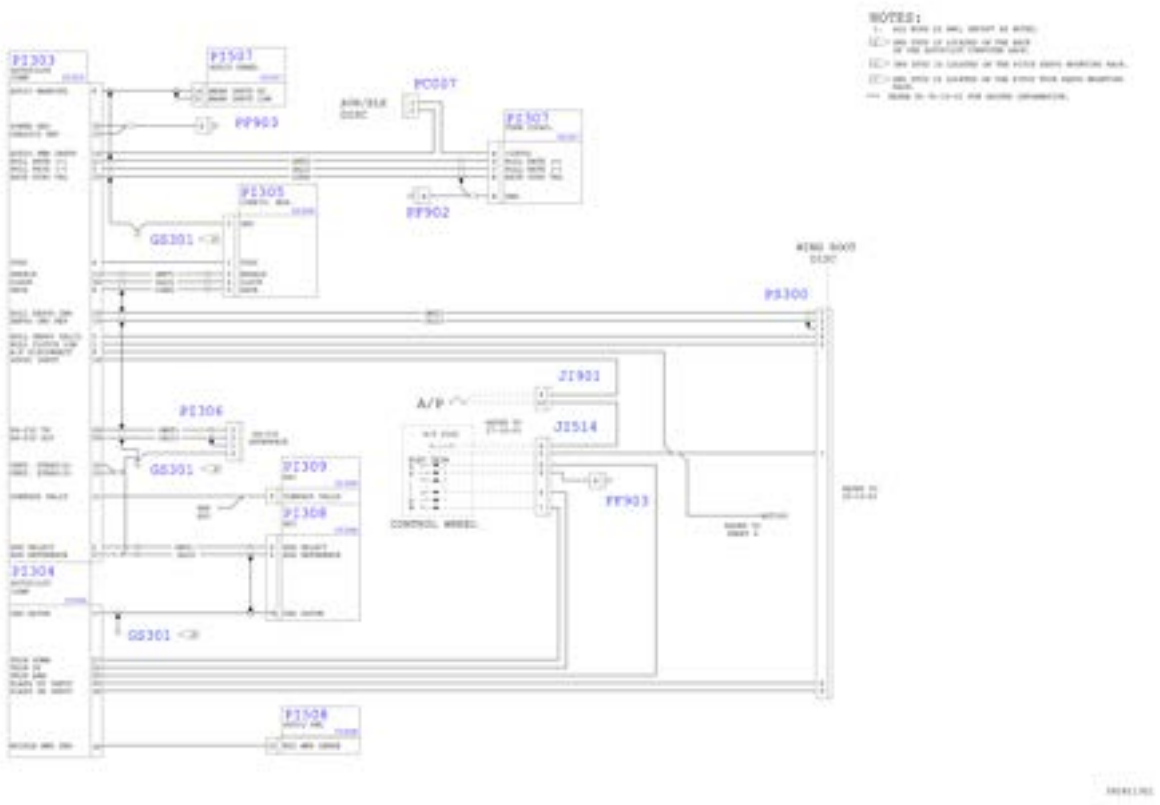
DUAL AXIS AUTOPILOT-NAV I W/HSI

AIRPLANES (182) 80454 THRU 80660

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
PT301	030-03248-0000	CONNECTOR - PITCH TRIM ACTUATOR (ZONE 310)	V22373	(182) 80454 - 80660	01
	050-00398-0000	. CONNECTOR KIT	V22373		01
UI303		COMPUTER - KC140 AUTOPILOT			RF
UI304		COMPUTER - KC140 AUTOPILOT			RF
UI309		INDICATOR - HORIZONTAL SITUATION			RF
UI704		SWITCHING UNIT - NAVIGATION			RF
UI705		SWITCHING UNIT - NAVIGATION			RF
UT300		PITCH - KC270C SERVO			RF
UT301		ACTUATOR - PITCH TRIM			RF

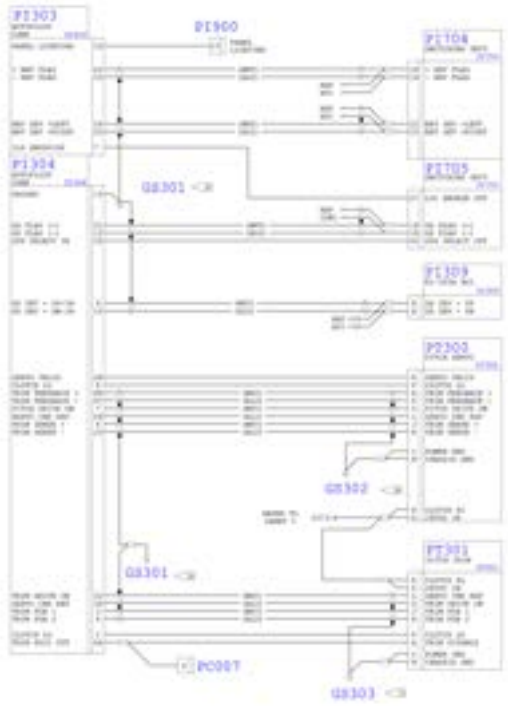
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Figure 04 : Sheet 01 : DUAL AXIS AUTOPILOT-NAV I W/HSI



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Figure 04 : Sheet 02 : DUAL AXIS AUTOPILOT-NAV I W/HSI



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DUAL AXIS AUTOPILOT-NAV I W/HSI

AIRPLANES (182) 80661 THRU 80944

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GS301	3910276-2	GROUND (ZONE 210)		(182) 80661 - 80944	01
JI514	S1641-9	CONNECTOR - CONTROL WHEEL (ZONE 222)		(182) 80661 - 80944	01
	S1636-1	. CONTACT			AR
JI901	S2350-3	CONNECTOR - AVIONICS COOLING FAN		(182) 80661 - 80944	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PC007	S1640-9	CONNECTOR - ELECTRICAL/AVIONIC DISCONNECT (ZONE 610)		(182) 80661 - 80944	01
	S1635-1	. CONTACT	V49367		AR
PF902	SK2701	CONNECTOR (ZONE 221)	V28198	(182) 80661 - 80944	01
	FC120N2	. CONTACT	V28198		AR
PF903	SK2701	CONNECTOR (ZONE 221)	V28198	(182) 80661 - 80944	01
	FC120N2	. CONTACT	V28198		AR
PI303	030-01175-0000	CONNECTOR - AUTOPILOT COMPUTER (ZONE 225)	V22373	(182) 80661 - 80944	01
	050-03375-0001	. CONNECTOR KIT	V22373		01
PI304	030-01176-0000	CONNECTOR - AUTOPILOT COMPUTER (ZONE 225)	V22373	(182) 80661 - 80944	01
	050-03375-0001	. CONNECTOR KIT	V22373		01
PI305	030-01171-0000	CONNECTOR - CONFIGURATION MODULE (ZONE 211)	V22373	(182) 80661 - 80944	01
	050-03245-0000	. CONNECTOR KIT	V22373		01
PI306	033-00230-0000	CONNECTOR - RS232 INTERFACE (ZONE 220)	V22373	(182) 80661 - 80944	01
	050-03375-0001	. CONNECTOR KIT	V22373		01
PI307	97-4106A14S-5S	CONNECTOR - TURN COORDINATOR (ZONE 220)	V77820	(182) 80661 - 80944	01
	97-3057-1007-1	. BACKSHELL	V77820		01
	9755-1622S-4	. CONTACT	V77820		AR
	S1635-1	. CONTACT	V49367		AR
PI308	030-02153-0000	CONNECTOR - HORIZONTAL SITUATION INDICATOR (ZONE 310)	V22373	(182) 80661 - 80944	01
	S2800-216	. BACKSHELL			01
	050-01344-0002	. CONNECTOR KIT	V22373		01
PI309	030-02178-0000	CONNECTOR - HORIZONTAL SITUATION INDICATOR (ZONE 310)	V22373	(182) 80661 - 80944	01
	050-01344-0002	. CONNECTOR KIT	V22373		01
PI507	050-03392-0000	CONNECTOR - AUDIO PANEL (ZONE 225)	V22373	(182) 80661 - 80944	01
PI508	030-01176-0001	CONNECTOR - AUDIO PANEL (ZONE 225)	V22373	(182) 80661 - 80944	01
PS300	S1640-9	CONNECTOR - ROLL SERVO (ZONE 610)		(182) 80661 - 80944	01
	S1635-1	. CONTACT	V49367		AR
	S1635-6	. CONTACT			AR
UI303		COMPUTER - KC140 AUTOPILOT			RF
UI304		COMPUTER - KC140 AUTOPILOT			RF
UI305		MODULE - CONFIGURATION			RF
UI307		INDICATOR - TURN COORDINATOR			RF
UI308		INDICATOR - HORIZONTAL SITUATION			RF
UI309		INDICATOR - HORIZONTAL SITUATION			RF
UI507		PANEL - KMA-26 AUDIO			RF
UI508		PANEL - KMA-26 AUDIO			RF

DUAL AXIS AUTOPILOT-NAV I W/HSI

AIRPLANES (182) 80661 THRU 80944

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GS301	3910276-2	GROUND (ZONE 210)		(182) 80661 - 80944	01
GS302		GROUND (ZONE 310)			RF
GS303		GROUND (ZONE 310)			RF
PC007	S1640-9	CONNECTOR - ELECTRICAL/AVIONIC DISCONNECT (ZONE 610)		(182) 80661 - 80944	01
	S1635-1	. CONTACT	V49367		AR
PI303	030-01175-0000	CONNECTOR - AUTOPILOT COMPUTER (ZONE 225)	V22373	(182) 80661 - 80944	01
	050-03375-0001	. CONNECTOR KIT	V22373		01
PI304	030-01176-0000	CONNECTOR - AUTOPILOT COMPUTER (ZONE 225)	V22373	(182) 80661 - 80944	01
	050-03375-0001	. CONNECTOR KIT	V22373		01
PI309	030-02178-0000	CONNECTOR - HORIZONTAL SITUATION INDICATOR (ZONE 310)	V22373	(182) 80661 - 80944	01
	050-01344-0002	. CONNECTOR KIT	V22373		01
PI704	RD50F10JVL0	CONNECTOR KIT - GPS SWITCHING UNIT (ZONE 225)	V28198	(182) 80661 - 80944	01
PI705	RD50M10JVL0	CONNECTOR KIT - GPS SELECTOR (ZONE 225)	V28198	(182) 80661 - 80944	01
PI800	030-1094-02	CONNECTOR KIT - TRANSPONDER (ZONE 225)	V22373	(182) 80661 - 80944	01
	030-01107-0030	. CONTACT	V22373		AR
	030-1096-00	. POLARIZING PIN	V22373		AR
PI900	S3070-9	CONNECTOR (ZONE 225)	V49367	(182) 80661 - 80944	01
	LMD6106P	. BUSSING MODULE	V49367		01
	S2353-5	. PIN			AR

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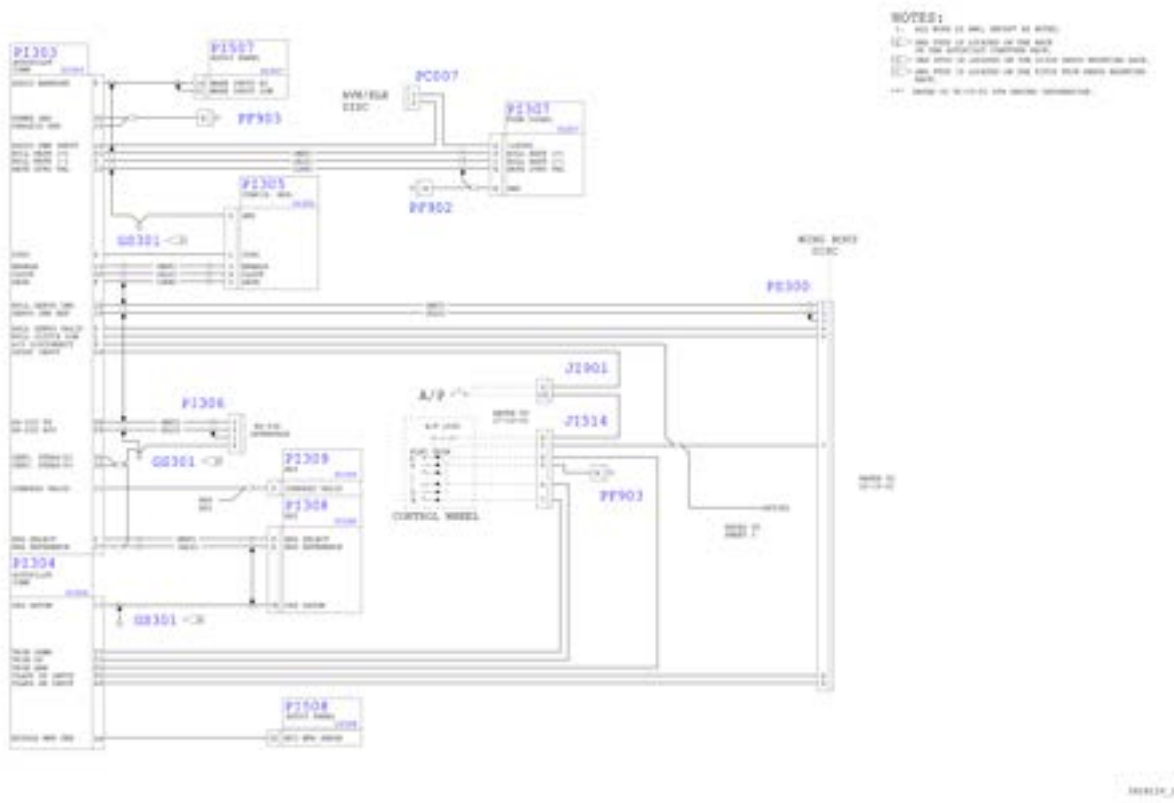
DUAL AXIS AUTOPILOT-NAV I W/HSI

AIRPLANES (182) 80661 THRU 80944

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
	LMS01T-TL	. SPLICE CONNECTOR	V49367		01
PT300	030-03248-0000	CONNECTOR - PITCH SERVO (ZONE 310)	V22373	(182) 80661 - 80944	01
	050-00398-0000	. CONNECTOR KIT	V22373		01
PT301	030-03248-0000	CONNECTOR - PITCH TRIM ACTUATOR (ZONE 310)	V22373	(182) 80661 - 80944	01
	050-00398-0000	. CONNECTOR KIT	V22373		01
UI303		COMPUTER - KC140 AUTOPILOT			RF
UI304		COMPUTER - KC140 AUTOPILOT			RF
UI309		INDICATOR - HORIZONTAL SITUATION			RF
UI704		SWITCHING UNIT - NAVIGATION			RF
UI705		SWITCHING UNIT - NAVIGATION			RF
UI800		TRANSPONDER			RF
UT300		PITCH - KC270C SERVO			RF
UT301		ACTUATOR - PITCH TRIM			RF

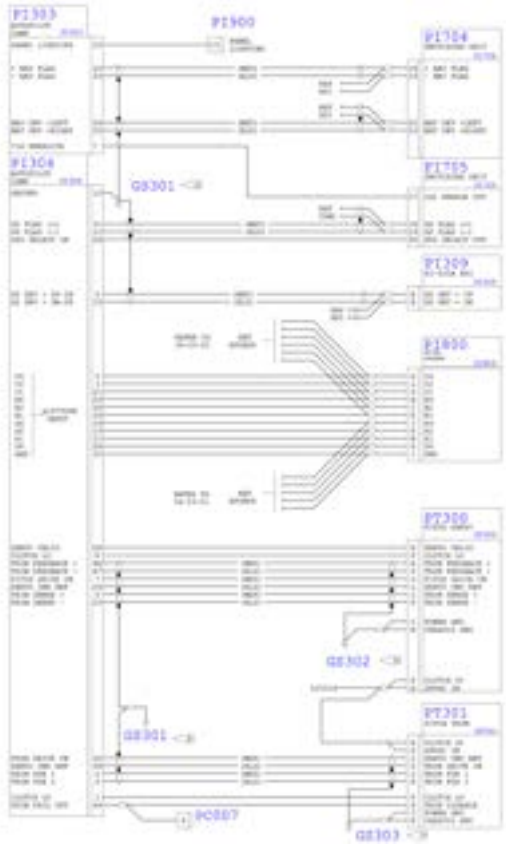
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Figure 05 : Sheet 01 : DUAL AXIS AUTOPILOT-NAV I W/HSI



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Figure 05 : Sheet 02 : DUAL AXIS AUTOPILOT-NAV I W/HSI



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DUAL AXIS AUTOPILOT-STANDARD NAV I

AIRPLANES (182) 80945 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GS301	3910276-2	GROUND (ZONE 210)		(182) 80945 & ON	01
GS309		GROUND (ZONE 210)			RF
JI514	S1641-6	CONNECTOR - CONTROL WHEEL (ZONE 222)		(182) 80945 & ON	01
	S1636-1	. CONTACT			AR
JI514	S1641-9	CONNECTOR - CONTROL WHEEL (ZONE 222)		(182) 80945 & ON	01
	S1636-1	. CONTACT			AR
JI901	S2350-3	CONNECTOR - AVIONICS COOLING FAN		(182) 80945 & ON	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PC007	S1640-9	CONNECTOR - ELECTRICAL/AVIONIC DISCONNECT (ZONE 610)		(182) 80945 & ON	01
	S1635-1	. CONTACT	V49367		AR
PF903	SK2701	CONNECTOR (ZONE 221)	V28198	(182) 80945 & ON	01
	FC120N2	. CONTACT	V28198		AR
PI302	D01PB406NT-837	CONNECTOR - DIRECTIONAL GYRO	V50541	(182) 80945 & ON	01
	YSK006-11AH	. CONTACT	V50541		AR
PI303	030-01175-0000	CONNECTOR - AUTOPILOT COMPUTER (ZONE 225)	V22373	(182) 80945 & ON	01
	050-03375-0001	. CONNECTOR KIT	V22373		01
PI304	030-01176-0000	CONNECTOR - AUTOPILOT COMPUTER (ZONE 225)	V22373	(182) 80945 & ON	01
	050-03375-0001	. CONNECTOR KIT	V22373		01
PI305	030-01171-0000	CONNECTOR - CONFIGURATION MODULE (ZONE 211)	V22373	(182) 80945 & ON	01
	050-03245-0000	. CONNECTOR KIT	V22373		01
PI306	033-00230-0000	CONNECTOR - RS232 INTERFACE (ZONE 220)	V22373	(182) 80945 & ON	01
	050-03375-0001	. CONNECTOR KIT	V22373		01
PI307	97-4106A14S-5S	CONNECTOR - TURN COORDINATOR (ZONE 220)	V77820	(182) 80945 & ON	01
	97-3057-1007-1	. BACKSHELL	V77820		01
	9755-1622S-4	. CONTACT	V77820		AR
	S1635-1	. CONTACT	V49367		AR
PI516	050-03613-0001	CONNECTOR KIT - AUDIO PANEL (ZONE 225)	V22373	(182) 80945 & ON	01
	030-01094-0058	. CONNECTOR	V22373		01
PS300	S1640-9	CONNECTOR - ROLL SERVO (ZONE 610)		(182) 80945 & ON	01
	S1635-1	. CONTACT	V49367		AR
	S1635-6	. CONTACT			AR
UI302		GYRO - DIRECTIONAL			RF
UI303		COMPUTER - KC140 AUTOPILOT			RF
UI304		COMPUTER - KC140 AUTOPILOT			RF
UI305		MODULE - CONFIGURATION			RF
UI307		INDICATOR - TURN COORDINATOR			RF
UI516		AUDIO PANEL - KMA28			RF

DUAL AXIS AUTOPILOT-STANDARD NAV I

AIRPLANES (182) 80945 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GS301	3910276-2	GROUND (ZONE 210)		(182) 80945 & ON	01
GS302		GROUND (ZONE 310)			RF
GS303		GROUND (ZONE 310)			RF
PC007	S1640-9	CONNECTOR - ELECTRICAL/AVIONIC DISCONNECT (ZONE 610)		(182) 80945 & ON	01
	S1635-1	. CONTACT	V49367		AR
PI303	030-01175-0000	CONNECTOR - AUTOPILOT COMPUTER (ZONE 225)	V22373	(182) 80945 & ON	01
	050-03375-0001	. CONNECTOR KIT	V22373		01
PI304	030-01176-0000	CONNECTOR - AUTOPILOT COMPUTER (ZONE 225)	V22373	(182) 80945 & ON	01
	050-03375-0001	. CONNECTOR KIT	V22373		01
PI604	050-01550-0001	CONNECTOR KIT - KI209A INDICATOR (ZONE 224)	V22373	(182) 80945 & ON	01
PI800	030-1094-02	CONNECTOR KIT - TRANSPONDER (ZONE 225)	V22373	(182) 80945 & ON	01
	030-01107-0030	. CONTACT	V22373		AR
	030-1096-00	. POLARIZING PIN	V22373		AR
PI900	S3070-9	CONNECTOR (ZONE 225)	V49367	(182) 80945 & ON	01
	LMD6106P	. BUSSING MODULE	V49367		01
	S2353-5	. PIN			AR
	LMS01T-TL	. SPLICE CONNECTOR	V49367		01
PT300	030-03248-0000	CONNECTOR - PITCH SERVO (ZONE 310)	V22373	(182) 80945 & ON	01
	050-00398-0000	. CONNECTOR KIT	V22373		01
PT301	030-03248-0000	CONNECTOR - PITCH TRIM ACTUATOR (ZONE 310)	V22373	(182) 80945 & ON	01
	050-00398-0000	. CONNECTOR KIT	V22373		01
UI303		COMPUTER - KC140 AUTOPILOT			RF

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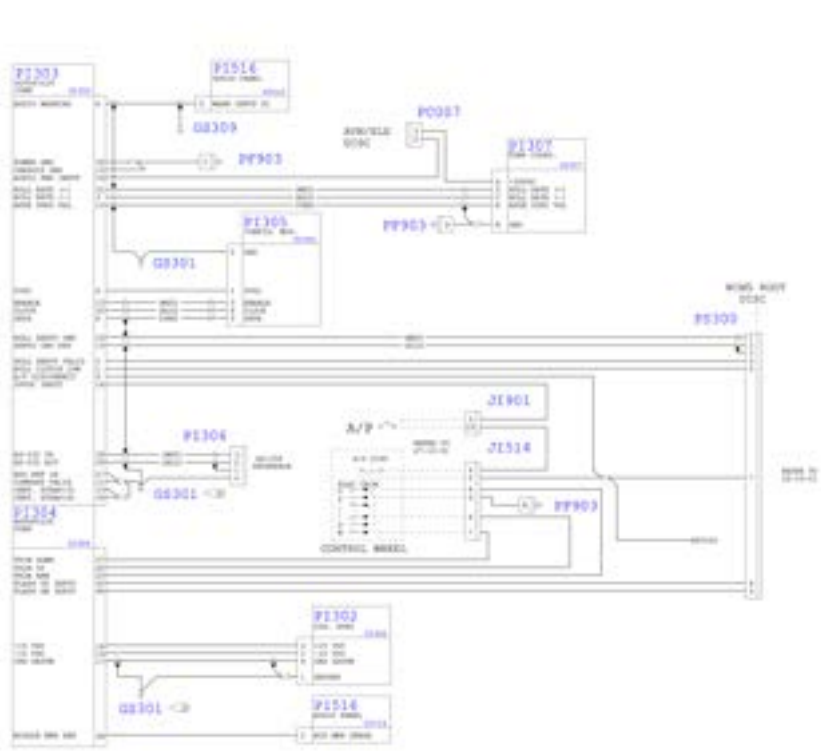
DUAL AXIS AUTOPILOT-STANDARD NAV I

AIRPLANES (182) 80945 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	EFFECTIVITY	UNITS PER ASSY
UI304		COMPUTER - KC140 AUTOPILOT		RF
UI604		INDICATOR - NAVIGATION		RF
UI800		TRANSPONDER		RF
UT300		PITCH - KC270C SERVO		RF
UT301		ACTUATOR - PITCH TRIM		RF

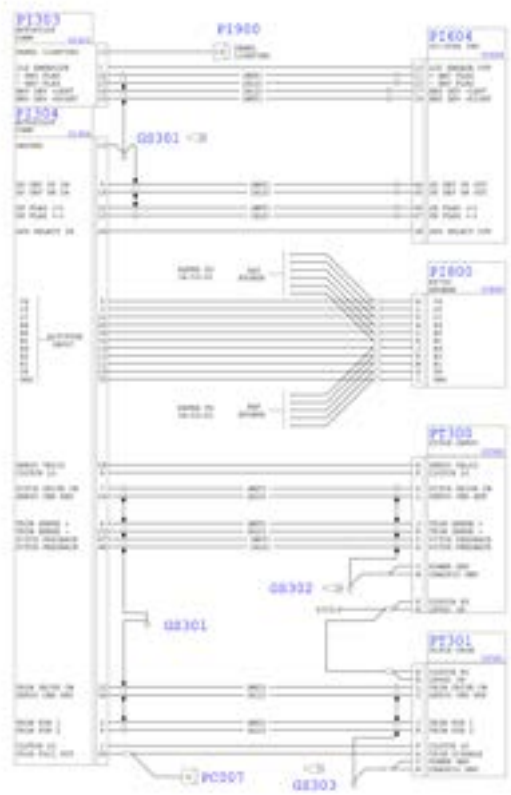
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Figure 06 : Sheet 01 : DUAL AXIS AUTOPILOT-STANDARD NAV I



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Figure 06 : Sheet 02 : DUAL AXIS AUTOPILOT-STANDARD NAV I



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DUAL AXIS AUTOPILOT W/HSI-NAV II, NAV II W/ADF

AIRPLANES (182) 80945 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GS301	3910276-2	GROUND (ZONE 210)		(182) 80945 & ON	01
GS309		GROUND (ZONE 210)			RF
JI514	S1641-9	CONNECTOR - CONTROL WHEEL (ZONE 222)		(182) 80945 & ON	01
	S1636-1	. CONTACT			AR
JI514	S1641-6	CONNECTOR - CONTROL WHEEL (ZONE 222)		(182) 80945 & ON	01
	S1636-1	. CONTACT			AR
JI901	S2350-3	CONNECTOR - AVIONICS COOLING FAN		(182) 80945 & ON	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PC007	S1640-9	CONNECTOR - ELECTRICAL/AVIONIC DISCONNECT (ZONE 610)		(182) 80945 & ON	01
	S1635-1	. CONTACT	V49367		AR
PF903	SK2701	CONNECTOR (ZONE 221)	V28198	(182) 80945 & ON	01
	FC120N2	. CONTACT	V28198		AR
PI303	030-01175-0000	CONNECTOR - AUTOPILOT COMPUTER (ZONE 225)	V22373	(182) 80945 & ON	01
	050-03375-0001	. CONNECTOR KIT	V22373		01
PI304	030-01176-0000	CONNECTOR - AUTOPILOT COMPUTER (ZONE 225)	V22373	(182) 80945 & ON	01
	050-03375-0001	. CONNECTOR KIT	V22373		01
PI305	030-01171-0000	CONNECTOR - CONFIGURATION MODULE (ZONE 211)	V22373	(182) 80945 & ON	01
	050-03245-0000	. CONNECTOR KIT	V22373		01
PI306	033-00230-0000	CONNECTOR - RS232 INTERFACE (ZONE 220)	V22373	(182) 80945 & ON	01
	050-03375-0001	. CONNECTOR KIT	V22373		01
PI307	97-4106A14S-5S	CONNECTOR - TURN COORDINATOR (ZONE 220)	V77820	(182) 80945 & ON	01
	97-3057-1007-1	. BACKSHELL	V77820		01
	9755-1622S-4	. CONTACT	V77820		AR
	S1635-1	. CONTACT	V49367		AR
PI308	030-02153-0000	CONNECTOR - HORIZONTAL SITUATION INDICATOR (ZONE 310)	V22373	(182) 80945 & ON	01
	S2800-216	. BACKSHELL			01
	050-01344-0002	. CONNECTOR KIT	V22373		01
PI309	030-02178-0000	CONNECTOR - HORIZONTAL SITUATION INDICATOR (ZONE 310)	V22373	(182) 80945 & ON	01
	050-01344-0002	. CONNECTOR KIT	V22373		01
PI516	050-03613-0001	CONNECTOR KIT - AUDIO PANEL (ZONE 225)	V22373	(182) 80945 & ON	01
	030-01094-0058	. CONNECTOR	V22373		01
PS300	S1640-9	CONNECTOR - ROLL SERVO (ZONE 610)		(182) 80945 & ON	01
	S1635-1	. CONTACT	V49367		AR
	S1635-6	. CONTACT			AR
UI303		COMPUTER - KC140 AUTOPILOT			RF
UI304		COMPUTER - KC140 AUTOPILOT			RF
UI305		MODULE - CONFIGURATION			RF
UI307		INDICATOR - TURN COORDINATOR			RF
UI308		INDICATOR - HORIZONTAL SITUATION			RF
UI309		INDICATOR - HORIZONTAL SITUATION			RF
UI516		AUDIO PANEL - KMA28			RF

DUAL AXIS AUTOPILOT W/HSI-NAV II, NAV II W/ADF

AIRPLANES (182) 80945 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GS301	3910276-2	GROUND (ZONE 210)		(182) 80945 & ON	01
GS302		GROUND (ZONE 310)			RF
GS303		GROUND (ZONE 310)			RF
PC007	S1640-9	CONNECTOR - ELECTRICAL/AVIONIC DISCONNECT (ZONE 610)		(182) 80945 & ON	01
	S1635-1	. CONTACT	V49367		AR
PI303	030-01175-0000	CONNECTOR - AUTOPILOT COMPUTER (ZONE 225)	V22373	(182) 80945 & ON	01
	050-03375-0001	. CONNECTOR KIT	V22373		01
PI304	030-01176-0000	CONNECTOR - AUTOPILOT COMPUTER (ZONE 225)	V22373	(182) 80945 & ON	01
	050-03375-0001	. CONNECTOR KIT	V22373		01
PI309	030-02178-0000	CONNECTOR - HORIZONTAL SITUATION INDICATOR (ZONE 310)	V22373	(182) 80945 & ON	01
	050-01344-0002	. CONNECTOR KIT	V22373		01
PI704	RD50F10JVL0	CONNECTOR KIT - GPS SWITCHING UNIT (ZONE 225)	V28198	(182) 80945 & ON	01
PI705	RD50M10JVL0	CONNECTOR KIT - GPS SELECTOR (ZONE 225)	V28198	(182) 80945 & ON	01
PI800	030-1094-02	CONNECTOR KIT - TRANSPONDER (ZONE 225)	V22373	(182) 80945 & ON	01
	030-01107-0030	. CONTACT	V22373		AR
	030-1096-00	. POLARIZING PIN	V22373		AR
PI900	S3070-9	CONNECTOR (ZONE 225)	V49367	(182) 80945 & ON	01
	LMD6106P	. BUSSING MODULE	V49367		01
	S2353-5	. PIN			AR

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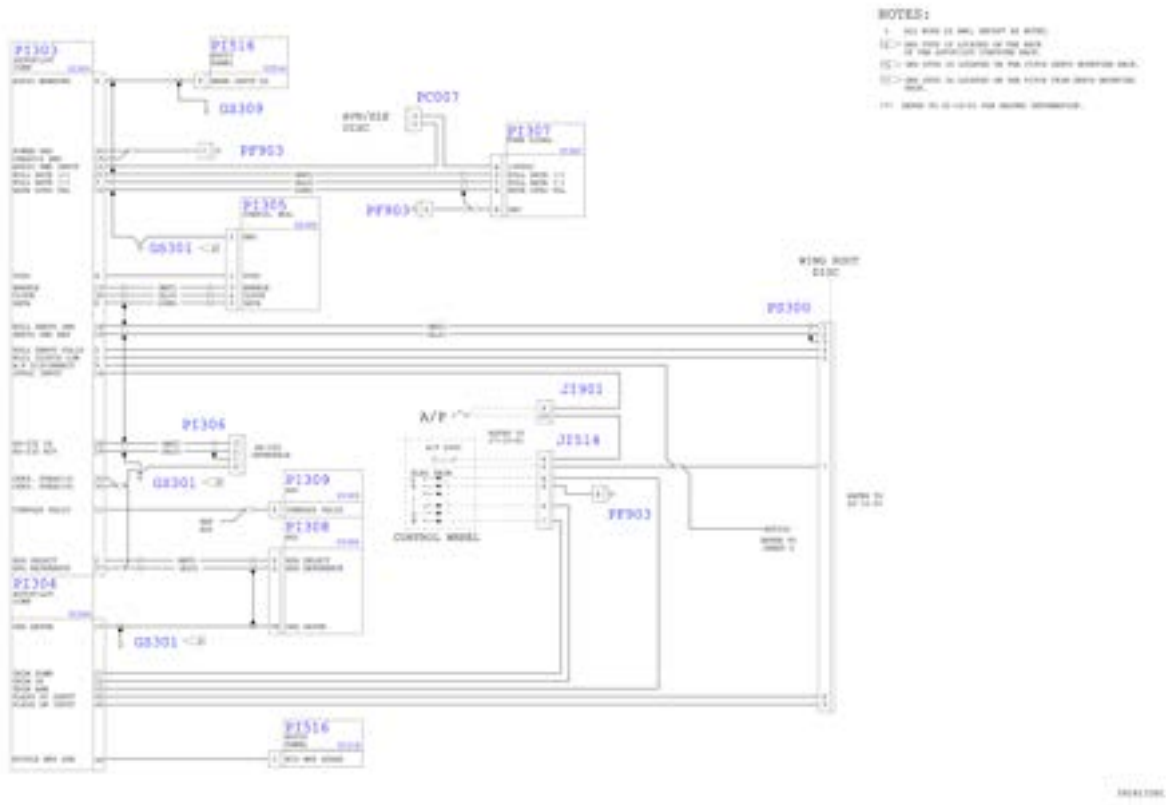
DUAL AXIS AUTOPILOT W/HSI-NAV II, NAV II W/ADF

AIRPLANES (182) 80945 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
	LMS01T-TL	. SPLICE CONNECTOR	V49367		01
PT300	030-03248-0000	CONNECTOR - PITCH SERVO (ZONE 310)	V22373	(182) 80945 & ON	01
	050-00398-0000	. CONNECTOR KIT	V22373		01
PT301	030-03248-0000	CONNECTOR - PITCH TRIM ACTUATOR (ZONE 310)	V22373	(182) 80945 & ON	01
	050-00398-0000	. CONNECTOR KIT	V22373		01
UI303		COMPUTER - KC140 AUTOPILOT			RF
UI304		COMPUTER - KC140 AUTOPILOT			RF
UI309		INDICATOR - HORIZONTAL SITUATION			RF
UI704		SWITCHING UNIT - NAVIGATION			RF
UI705		SWITCHING UNIT - NAVIGATION			RF
UI800		TRANSPONDER			RF
UT300		PITCH - KC270C SERVO			RF
UT301		ACTUATOR - PITCH TRIM			RF

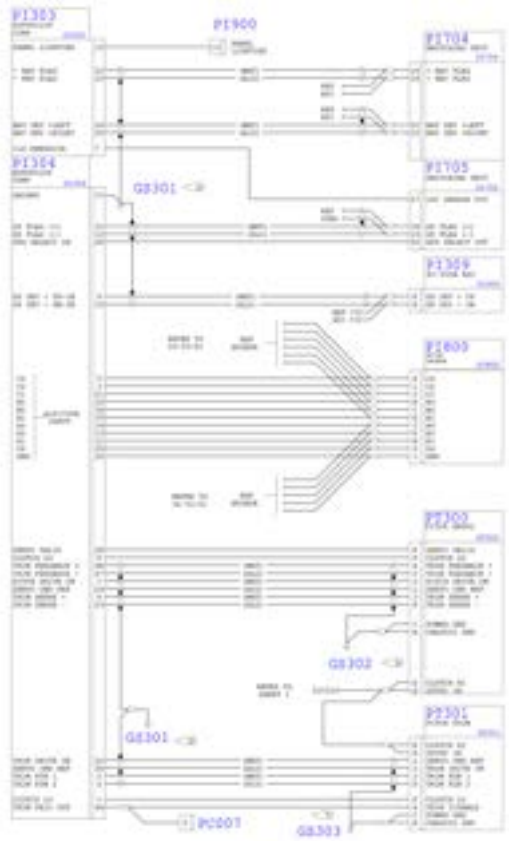
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Figure 07 : Sheet 01 : DUAL AXIS AUTOPILOT W/HSI-NAV II, NAV II W/ADF



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Figure 07 : Sheet 02 : DUAL AXIS AUTOPILOT W/HSI-NAV II, NAV II W/ADF



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DUAL AXIS AUTOPILOT W/HSI-STANDARD, NAV I, NAV I W/ADF

AIRPLANES (T182) 08001 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GS301	3910276-2	GROUND (ZONE 210)		(T182) 08001 & ON	01
GS309		GROUND (ZONE 210)			RF
JI514	S1641-9	CONNECTOR - CONTROL WHEEL (ZONE 222)		(T182) 08001 & ON	01
	S1636-1	. CONTACT			AR
JI901	S2350-3	CONNECTOR - AVIONICS COOLING FAN		(T182) 08001 & ON	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PC007	S1640-9	CONNECTOR - ELECTRICAL/AVIONIC DISCONNECT (ZONE 610)		(T182) 08001 & ON	01
	S1635-1	. CONTACT	V49367		AR
PF903	SK2701	CONNECTOR (ZONE 221)	V28198	(T182) 08001 & ON	01
	FC120N2	. CONTACT	V28198		AR
PI302	D01PB406NT-837	CONNECTOR - DIRECTIONAL GYRO	V50541	(T182) 08001 & ON	01
	YSK006-11AH	. CONTACT	V50541		AR
PI303	030-01175-0000	CONNECTOR - AUTOPILOT COMPUTER (ZONE 225)	V22373	(T182) 08001 & ON	01
	050-03375-0001	. CONNECTOR KIT	V22373		01
PI304	030-01176-0000	CONNECTOR - AUTOPILOT COMPUTER (ZONE 225)	V22373	(T182) 08001 & ON	01
	050-03375-0001	. CONNECTOR KIT	V22373		01
PI305	030-01171-0000	CONNECTOR - CONFIGURATION MODULE (ZONE 211)	V22373	(T182) 08001 & ON	01
	050-03245-0000	. CONNECTOR KIT	V22373		01
PI306	033-00230-0000	CONNECTOR - RS232 INTERFACE (ZONE 220)	V22373	(T182) 08001 & ON	01
	050-03375-0001	. CONNECTOR KIT	V22373		01
PI307	97-4106A14S-5S	CONNECTOR - TURN COORDINATOR (ZONE 220)	V77820	(T182) 08001 & ON	01
	97-3057-1007-1	. BACKSHELL	V77820		01
	9755-1622S-4	. CONTACT	V77820		AR
	S1635-1	. CONTACT	V49367		AR
PI516	050-03613-0001	CONNECTOR KIT - AUDIO PANEL (ZONE 225)	V22373	(T182) 08001 & ON	01
	030-01094-0058	. CONNECTOR	V22373		01
PS300	S1640-9	CONNECTOR - ROLL SERVO (ZONE 610)		(T182) 08001 & ON	01
	S1635-1	. CONTACT	V49367		AR
	S1635-6	. CONTACT			AR
UI302		GYRO - DIRECTIONAL			RF
UI303		COMPUTER - KC140 AUTOPILOT			RF
UI304		COMPUTER - KC140 AUTOPILOT			RF
UI305		MODULE - CONFIGURATION			RF
UI307		INDICATOR - TURN COORDINATOR			RF
UI516		AUDIO PANEL - KMA28			RF

DUAL AXIS AUTOPILOT W/HSI-STANDARD, NAV I, NAV I W/ADF

AIRPLANES (T182) 08001 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GS301	3910276-2	GROUND (ZONE 210)		(T182) 08001 & ON	01
GS302		GROUND (ZONE 310)			RF
GS303		GROUND (ZONE 310)			RF
PC007	S1640-9	CONNECTOR - ELECTRICAL/AVIONIC DISCONNECT (ZONE 610)		(T182) 08001 & ON	01
	S1635-1	. CONTACT	V49367		AR
PI303	030-01175-0000	CONNECTOR - AUTOPILOT COMPUTER (ZONE 225)	V22373	(T182) 08001 & ON	01
	050-03375-0001	. CONNECTOR KIT	V22373		01
PI304	030-01176-0000	CONNECTOR - AUTOPILOT COMPUTER (ZONE 225)	V22373	(T182) 08001 & ON	01
	050-03375-0001	. CONNECTOR KIT	V22373		01
PI604	050-01550-0001	CONNECTOR KIT - KI209A INDICATOR (ZONE 224)	V22373	(T182) 08001 & ON	01
PI800	030-1094-02	CONNECTOR KIT - TRANSPONDER (ZONE 225)	V22373	(T182) 08001 & ON	01
	030-01107-0030	. CONTACT	V22373		AR
	030-1096-00	. POLARIZING PIN	V22373		AR
PI900	S3070-9	CONNECTOR (ZONE 225)	V49367	(T182) 08001 & ON	01
	LMD6106P	. BUSSING MODULE	V49367		01
	S2353-5	. PIN			AR
	LMS01T-TL	. SPLICE CONNECTOR	V49367		01
PT300	030-03248-0000	CONNECTOR - PITCH SERVO (ZONE 310)	V22373	(T182) 08001 & ON	01
	050-00398-0000	. CONNECTOR KIT	V22373		01
PT301	030-03248-0000	CONNECTOR - PITCH TRIM ACTUATOR (ZONE 310)	V22373	(T182) 08001 & ON	01
	050-00398-0000	. CONNECTOR KIT	V22373		01
UI303		COMPUTER - KC140 AUTOPILOT			RF
UI304		COMPUTER - KC140 AUTOPILOT			RF
UI604		INDICATOR - NAVIGATION			RF
UI800		TRANSPONDER			RF

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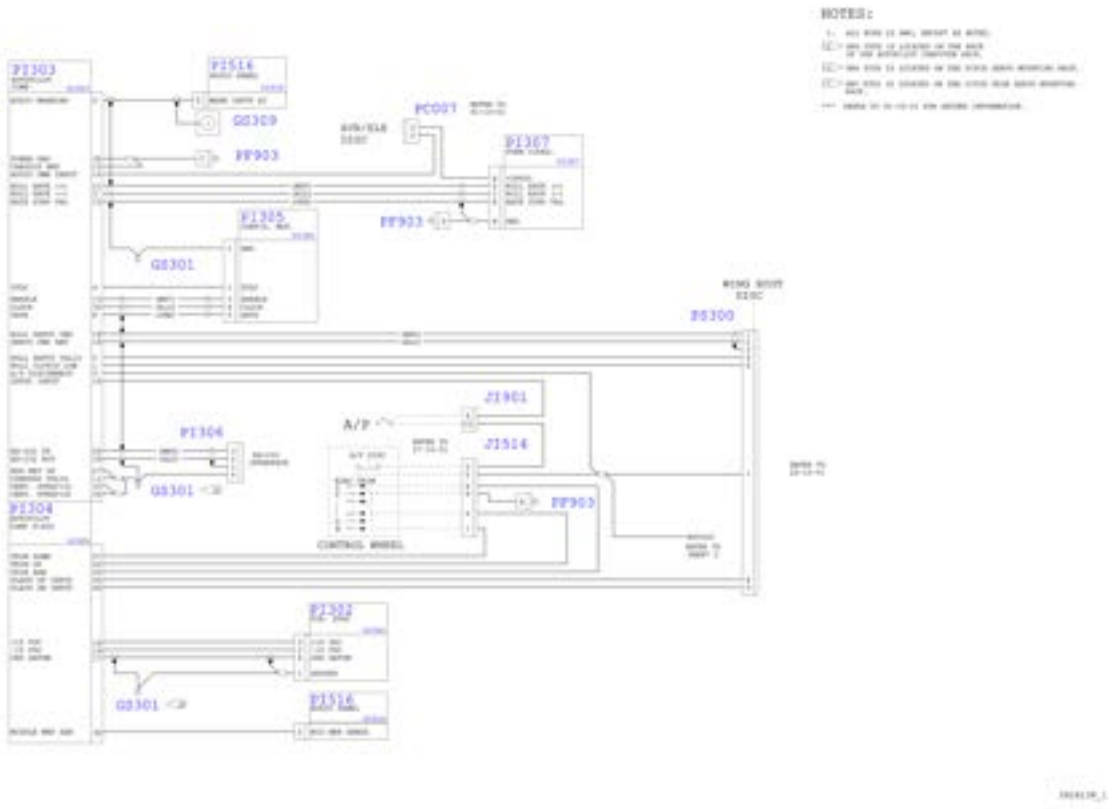
DUAL AXIS AUTOPILOT W/HSI-STANDARD, NAV I, NAV I W/ADF

AIRPLANES (T182) 08001 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	EFFECTIVITY	UNITS PER ASSY
UT300		PITCH - KC270C SERVO		RF
UT301		ACTUATOR - PITCH TRIM		RF

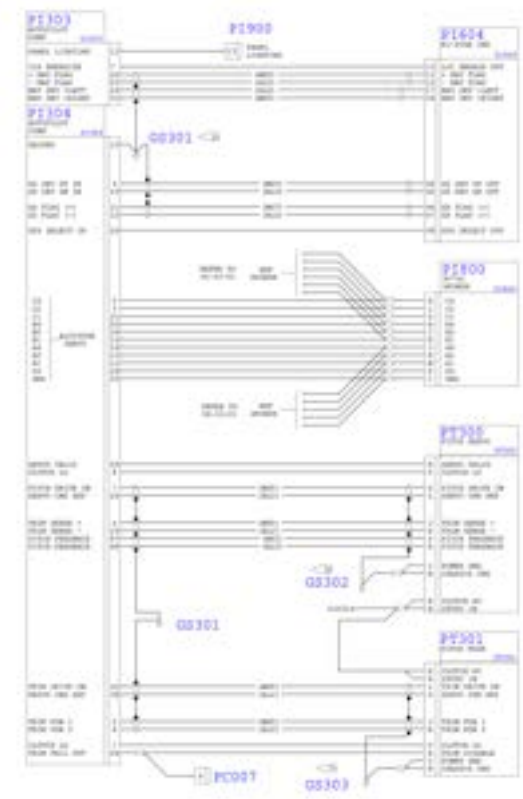
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Figure 08 : Sheet 01 : DUAL AXIS AUTOPILOT W/HSI-STANDARD, NAV I, NAV I W/ADF



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Figure 08 : Sheet 02 : DUAL AXIS AUTOPILOT W/HSI-STANDARD, NAV I, NAV I W/ADF



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DUAL AXIS AUTOPILOT W/HSI-NAV II, NAV II W/ADF

AIRPLANES (T182) 08001 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GS301	3910276-2	GROUND (ZONE 210)		(T182) 08001 & ON	01
GS309		GROUND (ZONE 210)			RF
JI514	S1641-9	CONNECTOR - CONTROL WHEEL (ZONE 222)		(T182) 08001 & ON	01
	S1636-1	. CONTACT			AR
JI901	S2350-3	CONNECTOR - AVIONICS COOLING FAN		(T182) 08001 & ON	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PC007	S1640-9	CONNECTOR - ELECTRICAL/AVIONIC DISCONNECT (ZONE 610)		(T182) 08001 & ON	01
	S1635-1	. CONTACT	V49367		AR
PF903	SK2701	CONNECTOR (ZONE 221)	V28198	(T182) 08001 & ON	01
	FC120N2	. CONTACT	V28198		AR
PI303	030-01175-0000	CONNECTOR - AUTOPILOT COMPUTER (ZONE 225)	V22373	(T182) 08001 & ON	01
	050-03375-0001	. CONNECTOR KIT	V22373		01
PI304	030-01176-0000	CONNECTOR - AUTOPILOT COMPUTER (ZONE 225)	V22373	(T182) 08001 & ON	01
	050-03375-0001	. CONNECTOR KIT	V22373		01
PI305	030-01171-0000	CONNECTOR - CONFIGURATION MODULE (ZONE 211)	V22373	(T182) 08001 & ON	01
	050-03245-0000	. CONNECTOR KIT	V22373		01
PI306	033-00230-0000	CONNECTOR - RS232 INTERFACE (ZONE 220)	V22373	(T182) 08001 & ON	01
	050-03375-0001	. CONNECTOR KIT	V22373		01
PI307	97-4106A14S-5S	CONNECTOR - TURN COORDINATOR (ZONE 220)	V77820	(T182) 08001 & ON	01
	97-3057-1007-1	. BACKSHELL	V77820		01
	9755-1622S-4	. CONTACT	V77820		AR
	S1635-1	. CONTACT	V49367		AR
PI308	030-02153-0000	CONNECTOR - HORIZONTAL SITUATION INDICATOR (ZONE 310)	V22373	(T182) 08001 & ON	01
	S2800-216	. BACKSHELL			01
	050-01344-0002	. CONNECTOR KIT	V22373		01
PI309	030-02178-0000	CONNECTOR - HORIZONTAL SITUATION INDICATOR (ZONE 310)	V22373	(T182) 08001 & ON	01
	050-01344-0002	. CONNECTOR KIT	V22373		01
PI516	050-03613-0001	CONNECTOR KIT - AUDIO PANEL (ZONE 225)	V22373	(T182) 08001 & ON	01
	030-01094-0058	. CONNECTOR	V22373		01
PS300	S1640-9	CONNECTOR - ROLL SERVO (ZONE 610)		(T182) 08001 & ON	01
	S1635-1	. CONTACT	V49367		AR
	S1635-6	. CONTACT			AR
UI303		COMPUTER - KC140 AUTOPILOT			RF
UI304		COMPUTER - KC140 AUTOPILOT			RF
UI305		MODULE - CONFIGURATION			RF
UI307		INDICATOR - TURN COORDINATOR			RF
UI308		INDICATOR - HORIZONTAL SITUATION			RF
UI309		INDICATOR - HORIZONTAL SITUATION			RF
UI516		AUDIO PANEL - KMA28			RF

DUAL AXIS AUTOPILOT W/HSI-NAV II, NAV II W/ADF

AIRPLANES (T182) 08001 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GS301	3910276-2	GROUND (ZONE 210)		(T182) 08001 & ON	01
GS302		GROUND (ZONE 310)			RF
GS303		GROUND (ZONE 310)			RF
PC007	S1640-9	CONNECTOR - ELECTRICAL/AVIONIC DISCONNECT (ZONE 610)		(T182) 08001 & ON	01
	S1635-1	. CONTACT	V49367		AR
PI303	030-01175-0000	CONNECTOR - AUTOPILOT COMPUTER (ZONE 225)	V22373	(T182) 08001 & ON	01
	050-03375-0001	. CONNECTOR KIT	V22373		01
PI304	030-01176-0000	CONNECTOR - AUTOPILOT COMPUTER (ZONE 225)	V22373	(T182) 08001 & ON	01
	050-03375-0001	. CONNECTOR KIT	V22373		01
PI309	030-02178-0000	CONNECTOR - HORIZONTAL SITUATION INDICATOR (ZONE 310)	V22373	(T182) 08001 & ON	01
	050-01344-0002	. CONNECTOR KIT	V22373		01
PI704	RD50F10JVL0	CONNECTOR KIT - GPS SWITCHING UNIT (ZONE 225)	V28198	(T182) 08001 & ON	01
PI705	RD50M10JVL0	CONNECTOR KIT - GPS SELECTOR (ZONE 225)	V28198	(T182) 08001 & ON	01
PI800	030-1094-02	CONNECTOR KIT - TRANSPONDER (ZONE 225)	V22373	(T182) 08001 & ON	01
	030-01107-0030	. CONTACT	V22373		AR
	030-1096-00	. POLARIZING PIN	V22373		AR
PI900	S3070-9	CONNECTOR (ZONE 225)	V49367	(T182) 08001 & ON	01
	LMD6106P	. BUSSING MODULE	V49367		01
	S2353-5	. PIN			AR
	LMS01T-TL	. SPLICE CONNECTOR	V49367		01
PT300	030-03248-0000	CONNECTOR - PITCH SERVO (ZONE 310)	V22373	(T182) 08001 & ON	01

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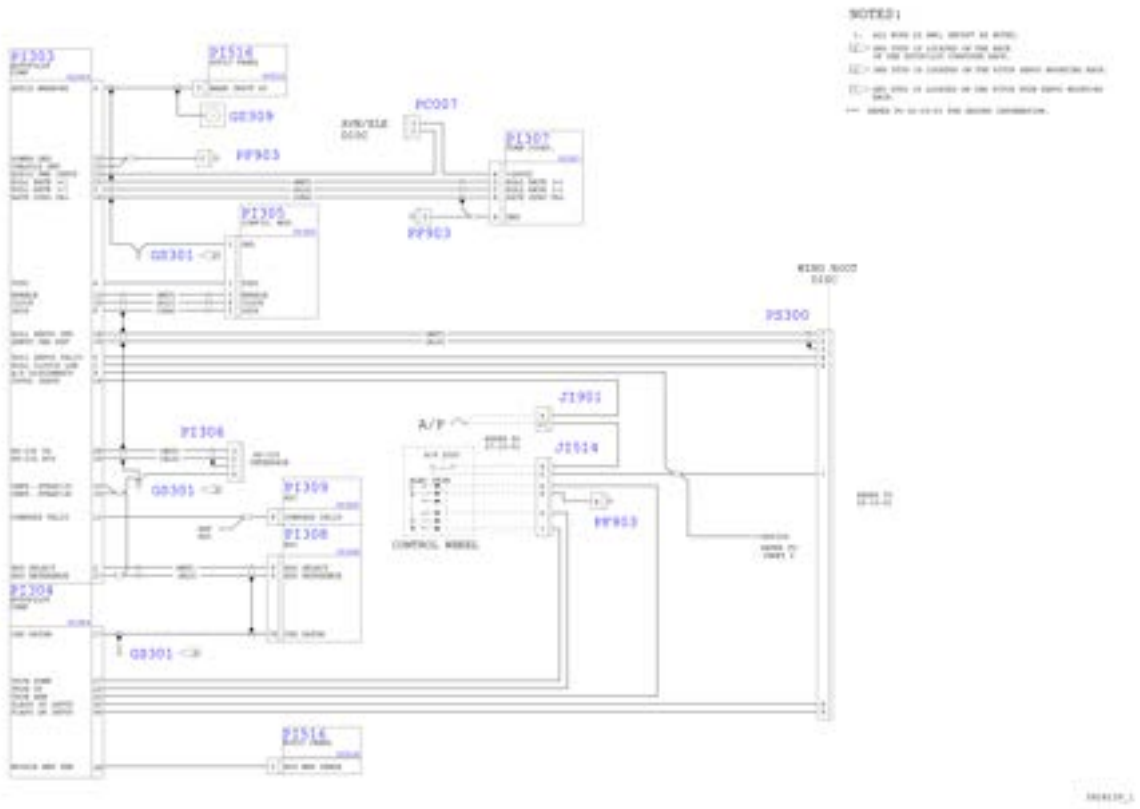
DUAL AXIS AUTOPILOT W/HSI-NAV II, NAV II W/ADF

AIRPLANES (T182) 08001 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
	050-00398-0000	. CONNECTOR KIT	V22373		01
PT301	030-03248-0000	CONNECTOR - PITCH TRIM ACTUATOR (ZONE 310)	V22373	(T182) 08001 & ON	01
	050-00398-0000	. CONNECTOR KIT	V22373		01
UI303		COMPUTER - KC140 AUTOPILOT			RF
UI304		COMPUTER - KC140 AUTOPILOT			RF
UI309		INDICATOR - HORIZONTAL SITUATION			RF
UI704		SWITCHING UNIT - NAVIGATION			RF
UI705		SWITCHING UNIT - NAVIGATION			RF
UI800		TRANSPONDER			RF
UT300		PITCH - KC270C SERVO			RF
UT301		ACTUATOR - PITCH TRIM			RF

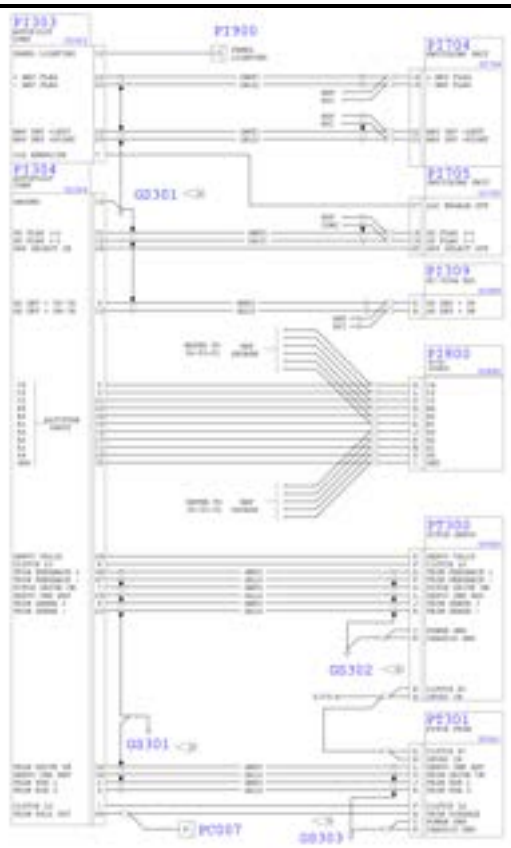
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Figure 09 : Sheet 01 : DUAL AXIS AUTOPILOT W/HSI-NAV II, NAV II W/ADF



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Figure 09 : Sheet 02 : DUAL AXIS AUTOPILOT W/HSI-NAV II, NAV II W/ADF



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DUAL AXIS AUTOPILOT W/NAV III

AIRPLANES (182) 81318 & ON AND AIRPLANES (T182) 08232 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GS301	3910276-2	GROUND (ZONE 210)		(182) 81318 & ON (T182) 08232 & ON	01
JC023	S2350-10	RECEPTACLE		(182) 81318 & ON (T182) 08232 & ON	01
	S2353-4	. CONTACT			AR
	S2353-5	. PIN			AR
	S2353-7	. PIN			AR
JI514	S1641-6	CONNECTOR - CONTROL WHEEL (ZONE 222)		(182) 81318 & ON (T182) 08232 & ON	01
	S1636-1	. CONTACT			AR
PF902	SK2701	CONNECTOR (ZONE 221)	V28198	(182) 81318 & ON (T182) 08232 & ON	01
	FC120N2	. CONTACT	V28198		AR
PF903	SK2701	CONNECTOR (ZONE 221)	V28198	(182) 81318 & ON (T182) 08232 & ON	01
	FC120N2	. CONTACT	V28198		AR
PI303	030-01175-0000	CONNECTOR - AUTOPILOT COMPUTER (ZONE 225)	V22373	(182) 81318 & ON (T182) 08232 & ON	01
	050-03375-0001	. CONNECTOR KIT	V22373		01
PI304	030-01176-0000	CONNECTOR - AUTOPILOT COMPUTER (ZONE 225)	V22373	(182) 81318 & ON (T182) 08232 & ON	01
	050-03375-0001	. CONNECTOR KIT	V22373		01
PI305	030-01171-0000	CONNECTOR - CONFIGURATION MODULE (ZONE 211)	V22373	(182) 81318 & ON (T182) 08232 & ON	01
	050-03245-0000	. CONNECTOR KIT	V22373		01
PI306	033-00230-0000	CONNECTOR - RS232 INTERFACE (ZONE 220)	V22373	(182) 81318 & ON (T182) 08232 & ON	01
	050-03375-0001	. CONNECTOR KIT	V22373		01
PI307	97-4106A14S-5S	CONNECTOR - TURN COORDINATOR (ZONE 220)	V77820	(182) 81318 & ON (T182) 08232 & ON	01
	97-3057-1007-1	. BACKSHELL	V77820		01
	9755-1622S-4	. CONTACT	V77820		AR
	S1635-1	. CONTACT	V49367		AR
PI531	330-00185-78	CONNECTOR - AUDIO PANEL DISCONNECT (ZONE 225)	V0TRC3	(182) 81318 & ON (T182) 08232 & ON	01
PI532	336-00044-00	#18 PIN HI-DENSE DSUB - AUDIO PANEL DISCONNECT (ZONE 225)	V0TRC3	(182) 81318 & ON (T182) 08232 & ON	01
PS300	S1640-9	CONNECTOR - ROLL SERVO (ZONE 610)		(182) 81318 & ON (T182) 08232 & ON	01
	S1635-1	. CONTACT	V49367		AR
	S1635-6	. CONTACT			AR
UI303		COMPUTER - KC140 AUTOPILOT			RF
UI304		COMPUTER - KC140 AUTOPILOT			RF
UI305		MODULE - CONFIGURATION			RF
UI307		INDICATOR - TURN COORDINATOR			RF
UI531		PANEL - AUDIO			RF
UI532		PANEL - AUDIO			RF

DUAL AXIS AUTOPILOT W/NAV III

AIRPLANES (182) 81318 & ON AND AIRPLANES (T182) 08232 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GS301	3910276-2	GROUND (ZONE 210)		(182) 81318 & ON (T182) 08232 & ON	01
GS303		GROUND (ZONE 310)			RF
PI303	030-01175-0000	CONNECTOR - AUTOPILOT COMPUTER (ZONE 225)	V22373	(182) 81318 & ON (T182) 08232 & ON	01
	050-03375-0001	. CONNECTOR KIT	V22373		01
PI304	030-01176-0000	CONNECTOR - AUTOPILOT COMPUTER (ZONE 225)	V22373	(182) 81318 & ON (T182) 08232 & ON	01
	050-03375-0001	. CONNECTOR KIT	V22373		01
PI900	S3070-9	CONNECTOR (ZONE 225)	V49367	(182) 81318 & ON (T182) 08232 & ON	01
	LMD6106P	. BUSSING MODULE	V49367		01
	S2353-5	. PIN			AR
	LMS01T-TL	. SPLICE CONNECTOR	V49367		01
PT300	030-03248-0000	CONNECTOR - PITCH SERVO (ZONE 310)	V22373	(182) 81318 & ON (T182) 08232 & ON	01
	050-00398-0000	. CONNECTOR KIT	V22373		01

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DUAL AXIS AUTOPILOT W/NAV III

AIRPLANES (182) 81318 & ON AND AIRPLANES (T182) 08232 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
PT301	030-03248-0000	CONNECTOR - PITCH TRIM ACTUATOR (ZONE 310)	V22373	(182) 81318 & ON (T182) 08232 & ON	01
	050-00398-0000	. CONNECTOR KIT	V22373		01
PT311	330-00185-44	CONNECTOR	V0TRC3	(182) 81318 & ON (T182) 08232 & ON	01
UI303		COMPUTER - KC140 AUTOPILOT			RF
UI304		COMPUTER - KC140 AUTOPILOT			RF
UT300		PITCH - KC270C SERVO			RF
UT301		ACTUATOR - PITCH TRIM			RF
UT307		INTEGRATED AVIONICS UNIT 2			RF

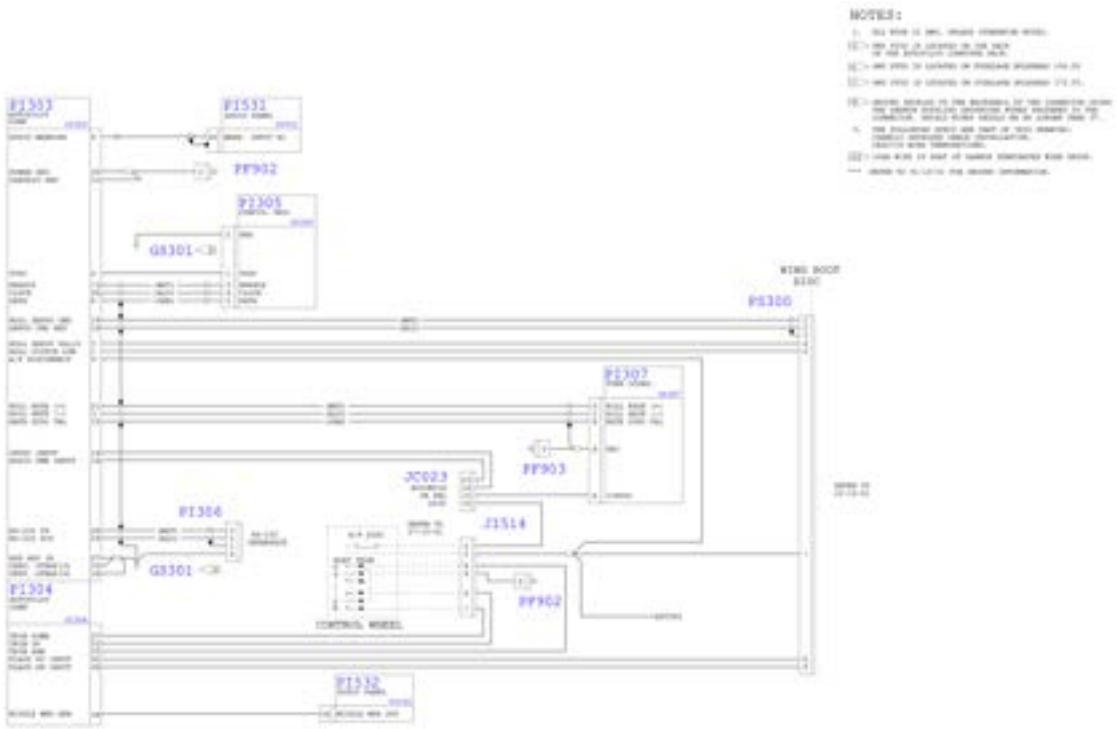
DUAL AXIS AUTOPILOT W/NAV III

AIRPLANES (182) 81318 & ON AND AIRPLANES (T182) 08232 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
AI304		SPLICE			RF
GS301	3910276-2	GROUND (ZONE 210)		(182) 81318 & ON (T182) 08232 & ON	01
PI303	030-01175-0000	CONNECTOR - AUTOPILOT COMPUTER (ZONE 225)	V22373	(182) 81318 & ON (T182) 08232 & ON	01
	050-03375-0001	. CONNECTOR KIT	V22373		01
PI304	030-01176-0000	CONNECTOR - AUTOPILOT COMPUTER (ZONE 225)	V22373	(182) 81318 & ON (T182) 08232 & ON	01
	050-03375-0001	. CONNECTOR KIT	V22373		01
PT312		CONNECTOR			RF
PT313	330-00185-78	CONNECTOR	V0TRC3	(182) 81318 & ON (T182) 08232 & ON	01
PT903	SK2701	CONNECTOR	V28198	(182) 81318 & ON (T182) 08232 & ON	01
	FC116N2	. CONTACT	V28198	(182) 81318 - 81875 (T182) 08232 - 08668	01
	FC120N2	. CONTACT	V28198		01
UI303		COMPUTER - KC140 AUTOPILOT			RF
UI304		COMPUTER - KC140 AUTOPILOT			RF
UT307		INTEGRATED AVIONICS UNIT 2			RF

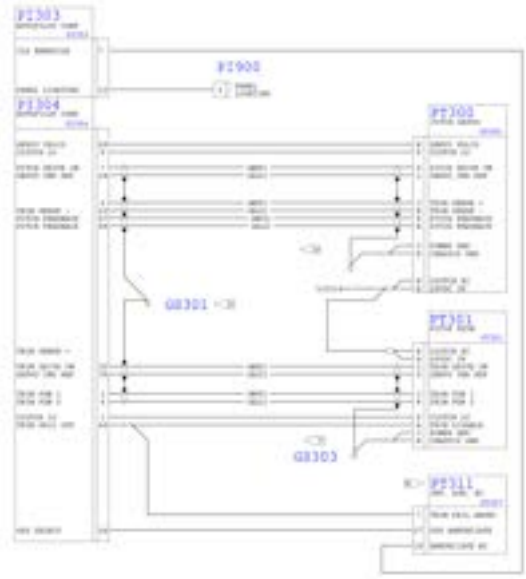
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Figure 10 : Sheet 01 : DUAL AXIS AUTOPILOT W/NAV III



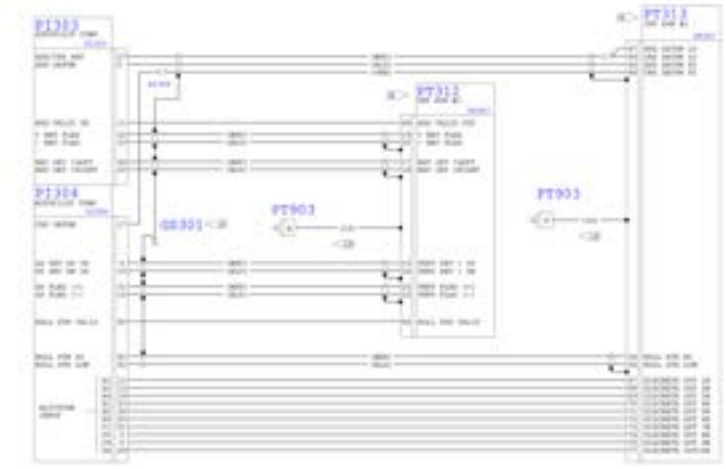
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Figure 10 : Sheet 02 : DUAL AXIS AUTOPILOT W/NAV III



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Figure 10 : Sheet 03 : DUAL AXIS AUTOPILOT W/NAV III



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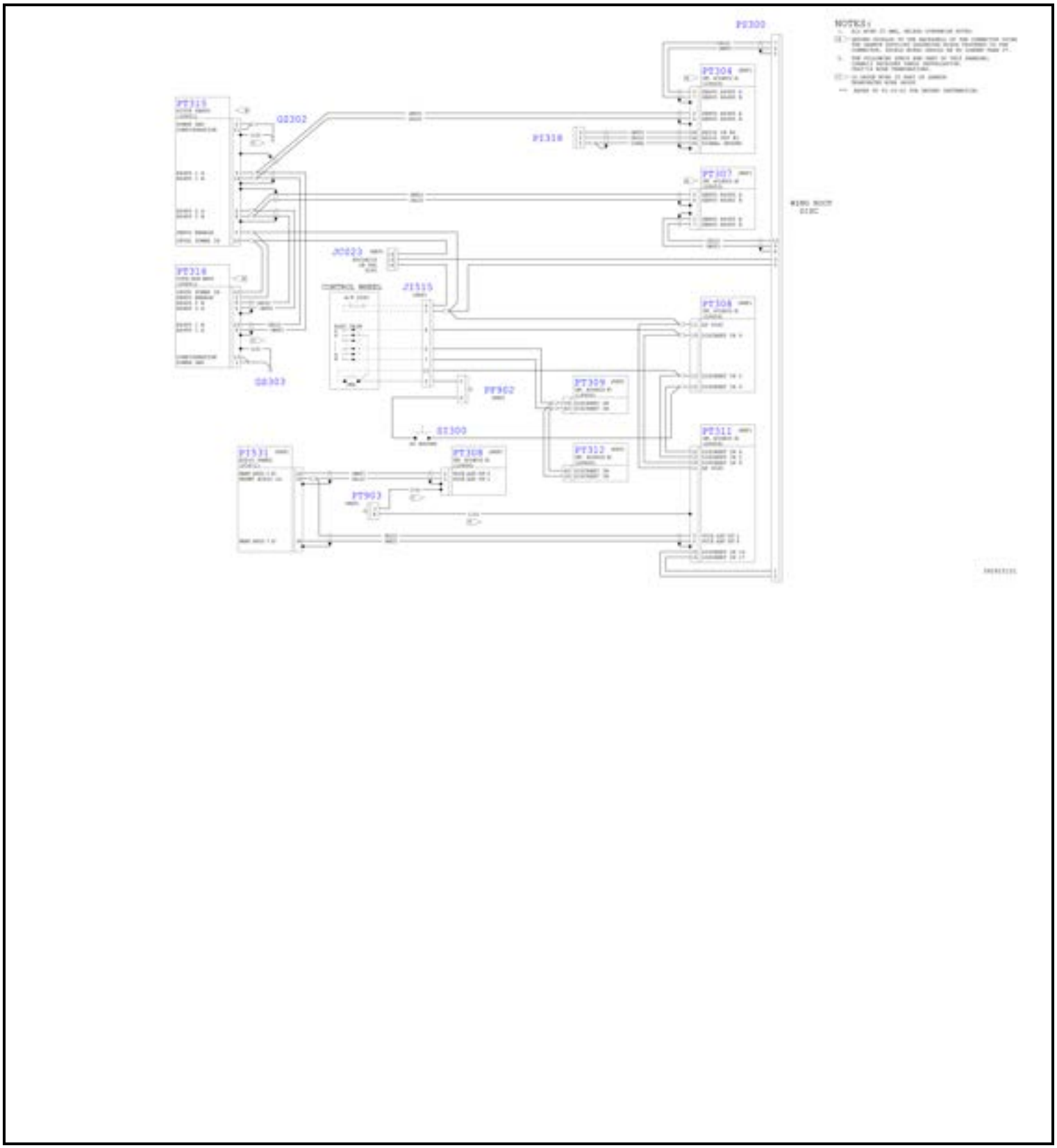
GFC-700 AUTOPILOT

AIRPLANES (182) 81876 & ON AND AIRPLANES (T182) 08669 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GS302		GROUND (ZONE 310)			RF
GS303		GROUND (ZONE 310)			RF
JC023	S2350-10	RECEPTACLE		(182) 81876 & ON (T182) 08669 & ON	01
	S2353-4	. CONTACT			AR
	S2353-5	. PIN			AR
	S2353-7	. PIN			AR
JI515		CONNECTOR			RF
PF902	SK2701	CONNECTOR (ZONE 221)	V28198	(182) 81876 & ON (T182) 08669 & ON	01
	FC120N2	. CONTACT	V28198		AR
PI318		CONNECTOR			RF
PI531	330-00185-78	CONNECTOR - AUDIO PANEL DISCONNECT (ZONE 225)	V0TRC3	(182) 81876 & ON (T182) 08669 & ON	01
PS300	S1640-9	CONNECTOR - ROLL SERVO (ZONE 610)		(182) 81876 & ON (T182) 08669 & ON	01
	S1635-1	. CONTACT	V49367		AR
	S1635-6	. CONTACT			AR
PT304		CONNECTOR - INTEGRATED AVIONIC 1			RF
PT307		CONNECTOR - INTEGRATED AVIONIC 2			RF
PT308		CONNECTOR			RF
PT309	330-00185-78	CONNECTOR	V0TRC3	(182) 81876 & ON (T182) 08669 & ON	01
PT311	330-00185-44	CONNECTOR	V0TRC3	(182) 81876 & ON (T182) 08669 & ON	01
PT312		CONNECTOR			RF
PT315		CONNECTOR			RF
PT316		CONNECTOR			RF
PT903	SK2701	CONNECTOR	V28198	(182) 81876 & ON (T182) 08669 & ON	01
	FC116N2	. CONTACT	V28198	(182) 81318 - 81875 (T182) 08232 - 08668	01
	FC120N2	. CONTACT	V28198		01
SI300	S2870-1	SWITCH		(182) 81876 & ON (T182) 08669 & ON	01
	S2870-2	. NUT			01

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Figure 01 : Sheet 01 : GFC-700 AUTOPILOT



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GFC-700 AUTOPILOT

AIRPLANES (182) 81876 THRU 82368 AND AIRPLANES (T182) 08669 THRU 09100

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GS302		GROUND (ZONE 310)			RF
GS303		GROUND (ZONE 310)			RF
JC023	S2350-10	RECEPTACLE		(182) 81876 - 82368 (T182) 08669 - 09100	01
	S2353-4	. CONTACT			AR
	S2353-5	. PIN			AR
	S2353-7	. PIN			AR
JI332	S2035-1	CONNECTOR		(182) 81876 - 82368 (T182) 08669 - 09100	01
	S1635-1	. PIN	V49367		AR
JI514	S1641-6	CONNECTOR - CONTROL WHEEL (ZONE 222)		(182) 81876 - 82368 (T182) 08669 - 09100	01
	S1636-1	. CONTACT			AR
JI514	S1641-9	CONNECTOR - CONTROL WHEEL (ZONE 222)		(182) 81876 - 82368 (T182) 08669 - 09100	01
	S1636-1	. CONTACT			AR
PF902	SK2701	CONNECTOR (ZONE 221)	V28198	(182) 81876 - 82368 (T182) 08669 - 09100	01
	FC120N2	. CONTACT	V28198		AR
PF903	SK2701	CONNECTOR (ZONE 221)	V28198	(182) 81876 - 82368 (T182) 08669 - 09100	01
	FC120N2	. CONTACT	V28198		AR
PI332	S2035-2	CONNECTOR	V00779	(182) 81876 - 82368 (T182) 08669 - 09100	01
	S1636-1	. SOCKET			AR
PI531	330-00185-78	CONNECTOR - AUDIO PANEL DISCONNECT (ZONE 225)	V0TRC3	(182) 81876 - 82368 (T182) 08669 - 09100	01
PS301	S1640-12	HOUSING		(182) 81876 - 82368 (T182) 08669 - 09100	01
	S1635-1	. PIN	V49367		AR
PT304		CONNECTOR - INTEGRATED AVIONIC 1			RF
PT307		CONNECTOR - INTEGRATED AVIONIC 2			RF
PT308		CONNECTOR			RF
PT309	330-00185-78	CONNECTOR	V0TRC3	(182) 81876 - 82368 (T182) 08669 - 09100	01
PT311	330-00185-44	CONNECTOR	V0TRC3	(182) 81876 - 82368 (T182) 08669 - 09100	01
PT312		CONNECTOR			RF
PT315		CONNECTOR			RF
PT316		CONNECTOR			RF
SI300	S2870-1	SWITCH		(182) 81876 - 82368 (T182) 08669 - 09100	01
	S2870-2	. NUT			01

GFC-700 AUTOPILOT

AIRPLANES (182) 81876 THRU 82368 AND AIRPLANES (T182) 08669 THRU 09100

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GS302		GROUND (ZONE 310)			RF
GS303		GROUND (ZONE 310)			RF
JC023	S2350-10	RECEPTACLE		(182) 81876 - 82368 (T182) 08669 - 09100	01
	S2353-4	. CONTACT			AR
	S2353-5	. PIN			AR
	S2353-7	. PIN			AR
JI332	S2035-1	CONNECTOR		(182) 81876 - 82368 (T182) 08669 - 09100	01
	S1635-1	. PIN	V49367		AR
JI514	S1641-6	CONNECTOR - CONTROL WHEEL (ZONE 222)		(182) 81876 - 82368 (T182) 08669 - 09100	01
	S1636-1	. CONTACT			AR
JT005	206152-1	RECEPTACLE	V00779	(182) 81876 - 82368 (T182) 08669 - 09100	01
	S2351-1	. BACKSHELL	V00779		01
	M39029/64-369	. PIN	V28198		AR
PF902	SK2701	CONNECTOR (ZONE 221)	V28198	(182) 81876 - 82368 (T182) 08669 - 09100	01
	FC120N2	. CONTACT	V28198		AR

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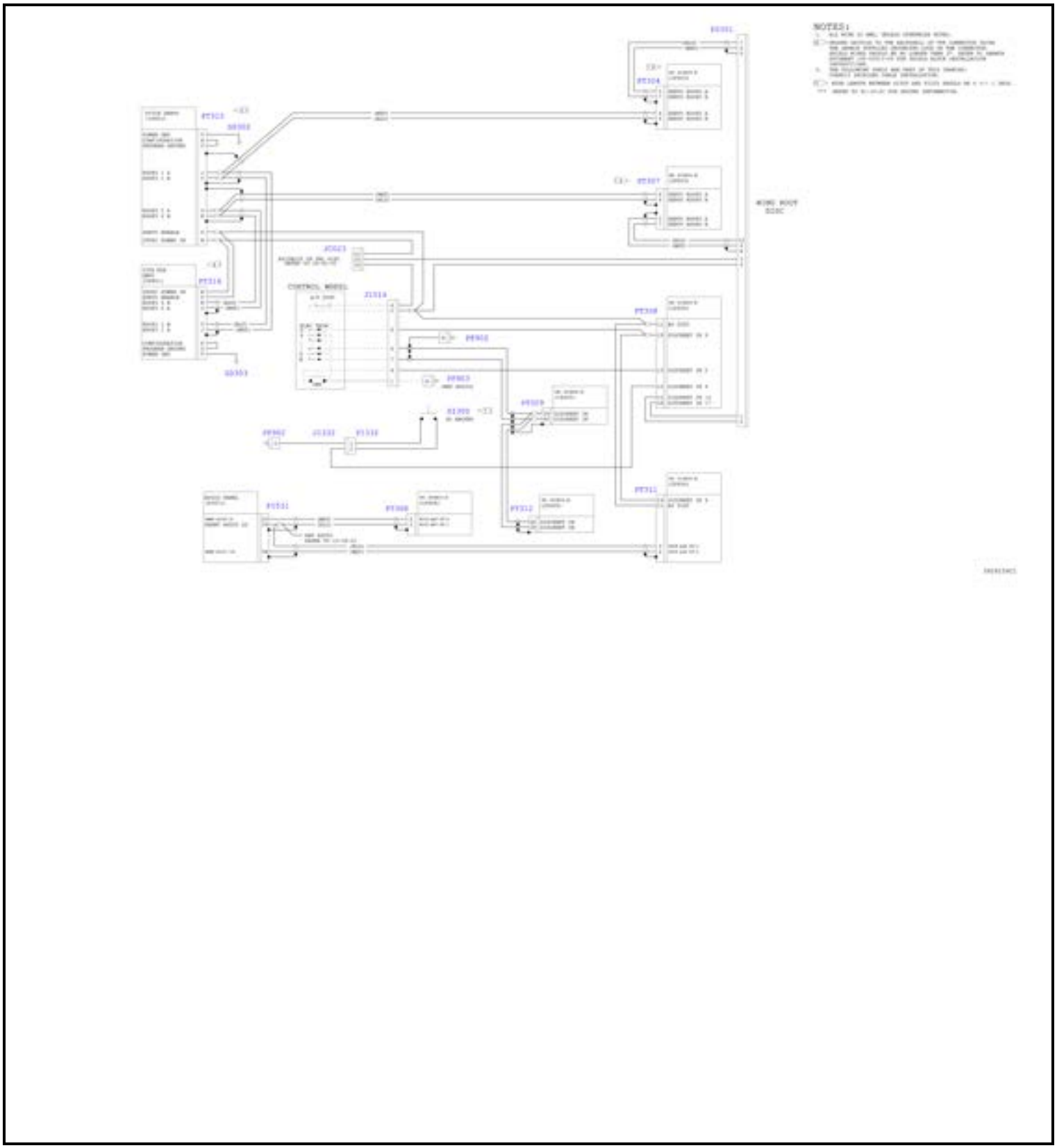
GFC-700 AUTOPILOT

AIRPLANES (182) 81876 THRU 82368 AND AIRPLANES (T182) 08669 THRU 09100

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
PF903	SK2701	CONNECTOR (ZONE 221)	V28198	(182) 81876 - 82368 (T182) 08669 - 09100	01
	FC120N2	. CONTACT	V28198		AR
PI531	330-00185-78	CONNECTOR - AUDIO PANEL DISCONNECT (ZONE 225)	V0TRC3	(182) 81876 - 82368 (T182) 08669 - 09100	01
PS301	S1640-12	HOUSING		(182) 81876 - 82368 (T182) 08669 - 09100	01
	S1635-1	. PIN	V49367		AR
PT005	M39029/63-368	CONTACT	V28198	(182) 81876 - 82368 (T182) 08669 - 09100	01
PT304		CONNECTOR - INTEGRATED AVIONIC 1			RF
PT307		CONNECTOR - INTEGRATED AVIONIC 2			RF
PT308		CONNECTOR			RF
PT309	330-00185-78	CONNECTOR	V0TRC3	(182) 81876 - 82368 (T182) 08669 - 09100	01
PT311	330-00185-44	CONNECTOR	V0TRC3	(182) 81876 - 82368 (T182) 08669 - 09100	01
PT312		CONNECTOR			RF
PT315		CONNECTOR			RF
PT316		CONNECTOR			RF

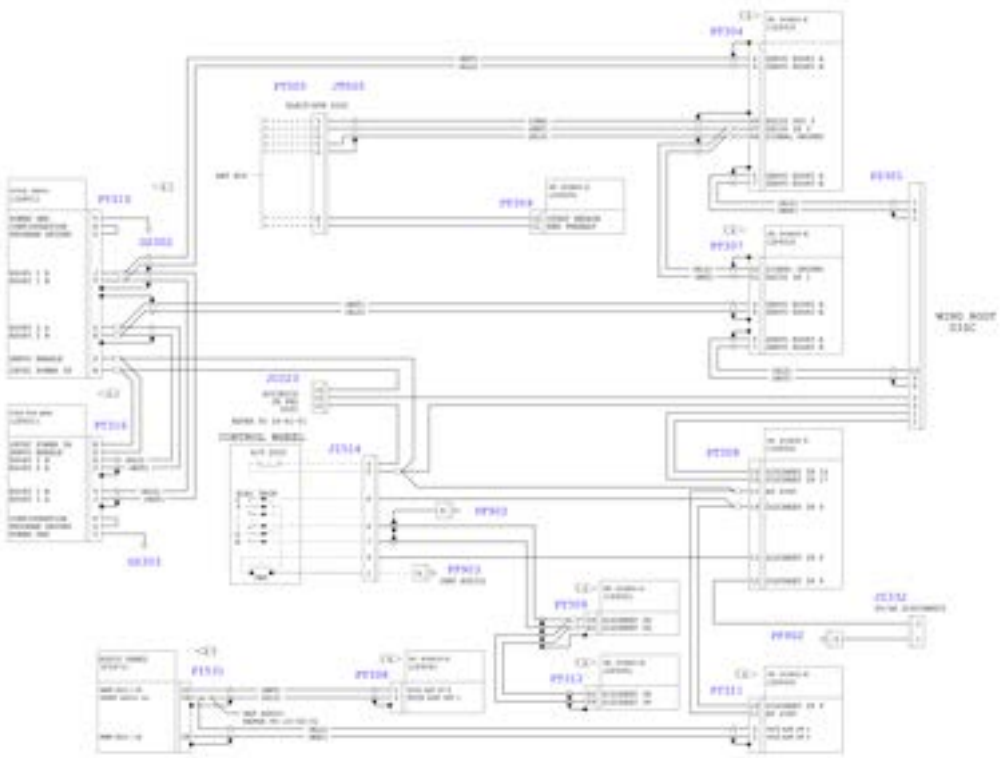
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Figure 02 : Sheet 01 : GFC-700 AUTOPILOT



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Figure 02 : Sheet 02 : GFC-700 AUTOPILOT



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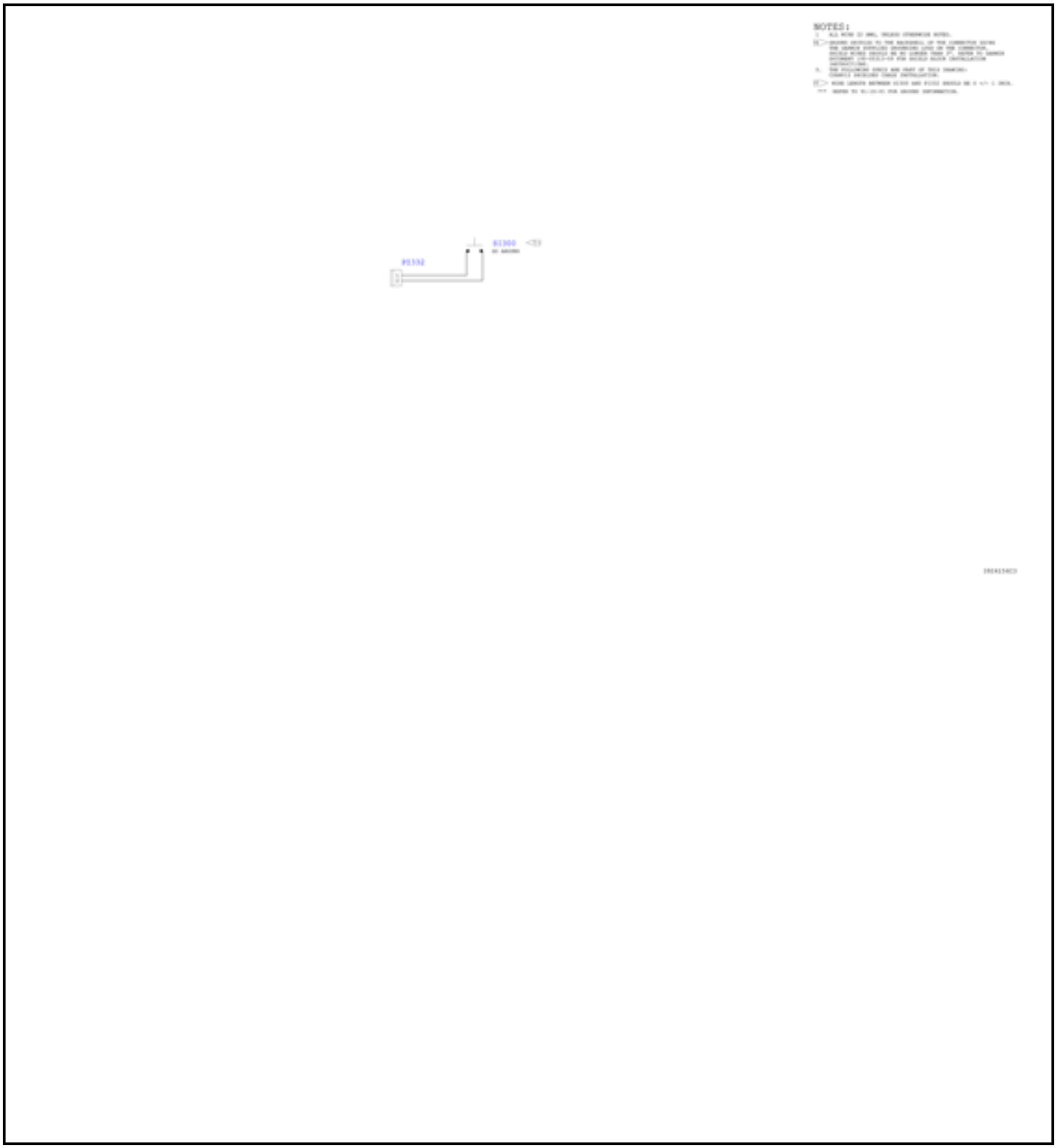
GFC-700 AUTOPILOT

AIRPLANES (182) 82369 & ON AND AIRPLANES (T182) 09101 & ON WITH NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
PI332	S2035-2	CONNECTOR	V00779	(182) 82369 & ON (T182) 09101 & ON	01
	S1636-1	. SOCKET			AR
SI300	S2870-1	SWITCH		(182) 82369 & ON (T182) 09101 & ON	01
	S2870-2	. NUT			01

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Figure 03 : Sheet 01 : GFC-700 AUTOPILOT



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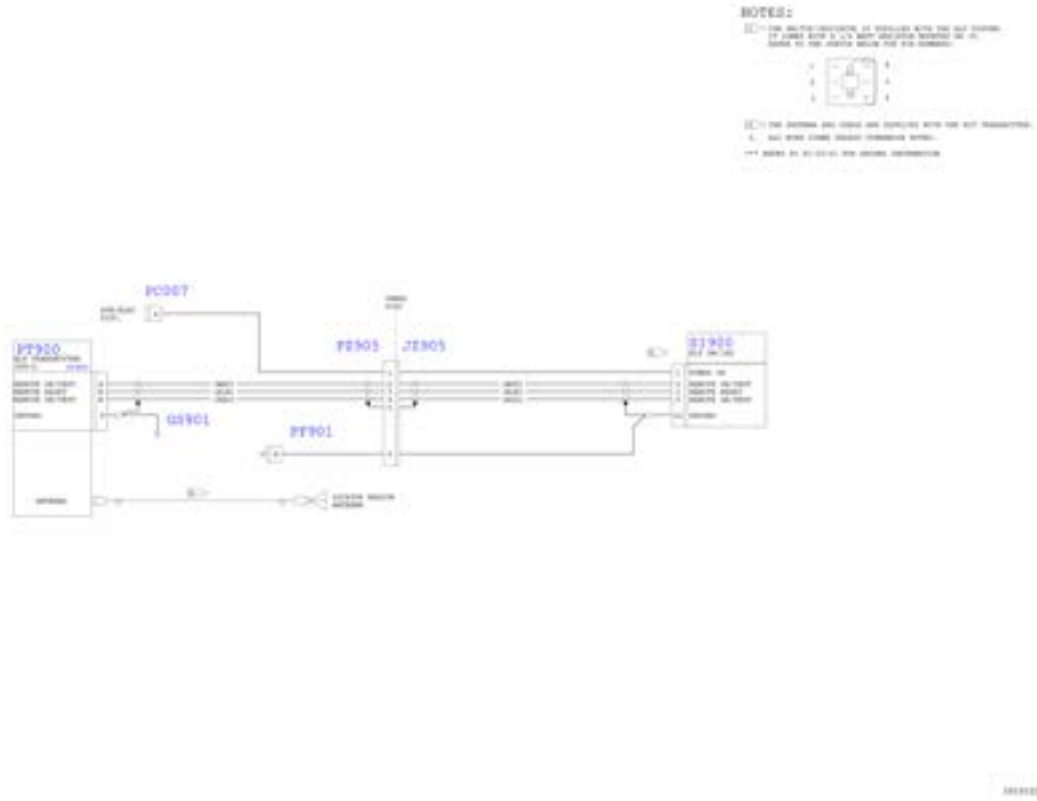
EMERGENCY LOCATOR TRANSMITTER-STANDARD

AIRPLANES (182) 80001 THRU 80003

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GS901		GROUND (ZONE 310)			RF
JZ905	LMD-4001-P	CONNECTOR (ZONE 221)	V49367	(182) 80001 - 80003	01
	LMD-4020-96LD	. CONTACT	V49367		AR
PC007	S1640-9	CONNECTOR - ELECTRICAL/AVIONIC DISCONNECT (ZONE 610)		(182) 80001 - 80003	01
	S1635-1	. CONTACT	V49367		AR
PF901	S2526-1	CONNECTOR (ZONE 221)	V00779	(182) 80001 - 80003	01
	S2099-4	. CONTACT	V00779		AR
PT900		CONNECTOR (ZONE 310)			RF
PZ905	S3070-11	CONNECTOR KIT (ZONE 221)	V49367	(182) 80001 - 80003	01
	LMD-4120-96LD	. CONTACT	V49367		AR
	LMS01T-TL	. SPLICE CONNECTOR	V49367		AR
SI900	3929110-2	SWITCH - ELT INDICATOR (ZONE 221)		(182) 80001 - 80003	01
UT900		BUZZER - SONALERT			RF

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Figure 01 : Sheet 01 : EMERGENCY LOCATOR TRANSMITTER-STANDARD



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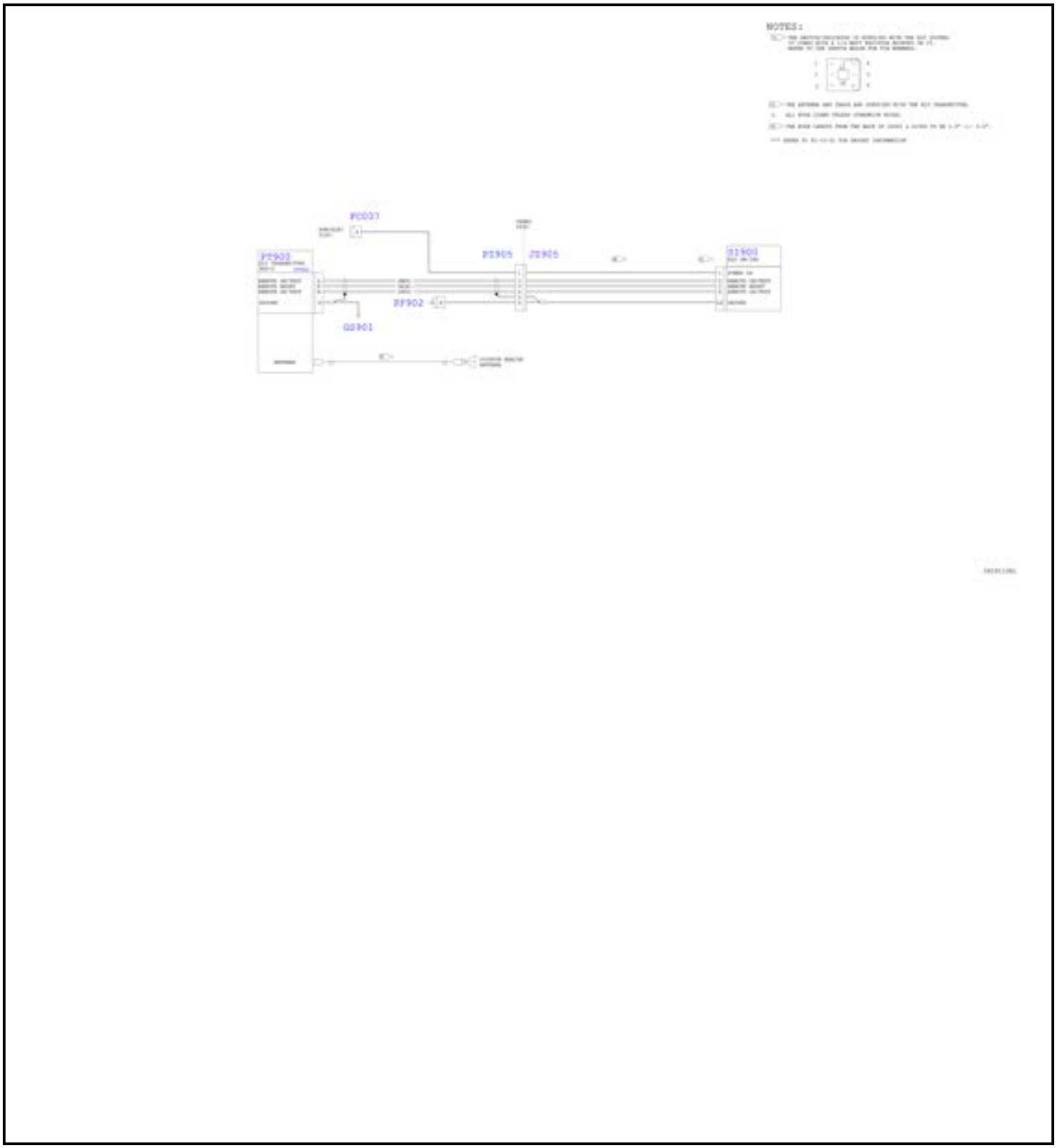
EMERGENCY LOCATOR TRANSMITTER-STANDARD

AIRPLANES (182) 80004 THRU 80944

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GS901		GROUND (ZONE 310)			RF
JZ905	LMD-4001-P	CONNECTOR (ZONE 221)	V49367	(182) 80004 - 80944	01
	LMD-4020-96LD	. CONTACT	V49367		AR
PC007	S1640-9	CONNECTOR - ELECTRICAL/AVIONIC DISCONNECT (ZONE 610)		(182) 80004 - 80944	01
	S1635-1	. CONTACT	V49367		AR
PF902	SK2701	CONNECTOR (ZONE 221)	V28198	(182) 80004 - 80944	01
	FC120N2	. CONTACT	V28198		AR
PT900		CONNECTOR (ZONE 310)			RF
PZ905	S3070-11	CONNECTOR KIT (ZONE 221)	V49367	(182) 80004 - 80944	01
	LMD-4120-96LD	. CONTACT	V49367		AR
	LMS01T-TL	. SPLICE CONNECTOR	V49367		AR
SI900	3929110-2	SWITCH - ELT INDICATOR (ZONE 221)		(182) 80004 - 80944	01
UT900		BUZZER - SONALERT			RF

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Figure 02 : Sheet 01 : EMERGENCY LOCATOR TRANSMITTER-STANDARD



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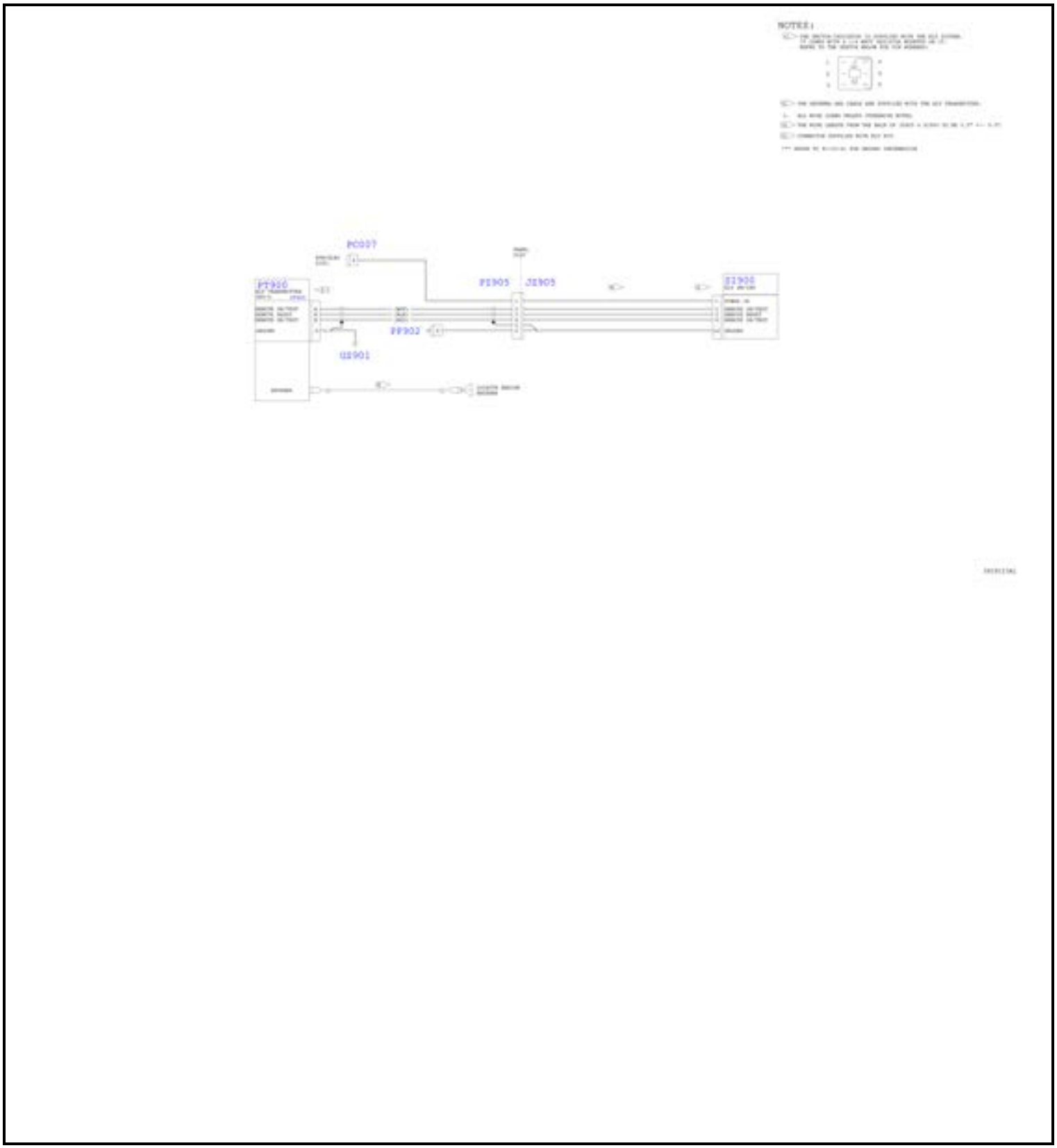
EMERGENCY LOCATOR TRANSMITTER-STANDARD

AIRPLANES (182) 80945 THRU 81102 AND AIRPLANES (T182) 08001 THRU 08138

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GS901		GROUND (ZONE 310)			RF
JZ905	LMD-4001-P	CONNECTOR (ZONE 221)	V49367	(182) 80945 - 81102 (T182) 08001 - 08138	01
	LMD-4020-96LD	. CONTACT	V49367		AR
PC007	S1640-9	CONNECTOR - ELECTRICAL/AVIONIC DISCONNECT (ZONE 610)		(182) 80945 - 81102 (T182) 08001 - 08138	01
	S1635-1	. CONTACT	V49367		AR
PF902	SK2701	CONNECTOR (ZONE 221)	V28198	(182) 80945 - 81102 (T182) 08001 - 08138	01
	FC120N2	. CONTACT	V28198		AR
PT900		CONNECTOR (ZONE 310)			RF
PZ905	S3070-11	CONNECTOR KIT (ZONE 221)	V49367	(182) 80945 - 81102 (T182) 08001 - 08138	01
	LMD-4120-96LD	. CONTACT	V49367		AR
	LMS01T-TL	. SPLICE CONNECTOR	V49367		AR
SI900	3929123-2	SWITCH - ELT INDICATOR (ZONE 221)		(182) 80945 - 81102 (T182) 08001 - 08138	01
UT900		BUZZER - SONALERT			RF

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Figure 03 : Sheet 01 : EMERGENCY LOCATOR TRANSMITTER-STANDARD



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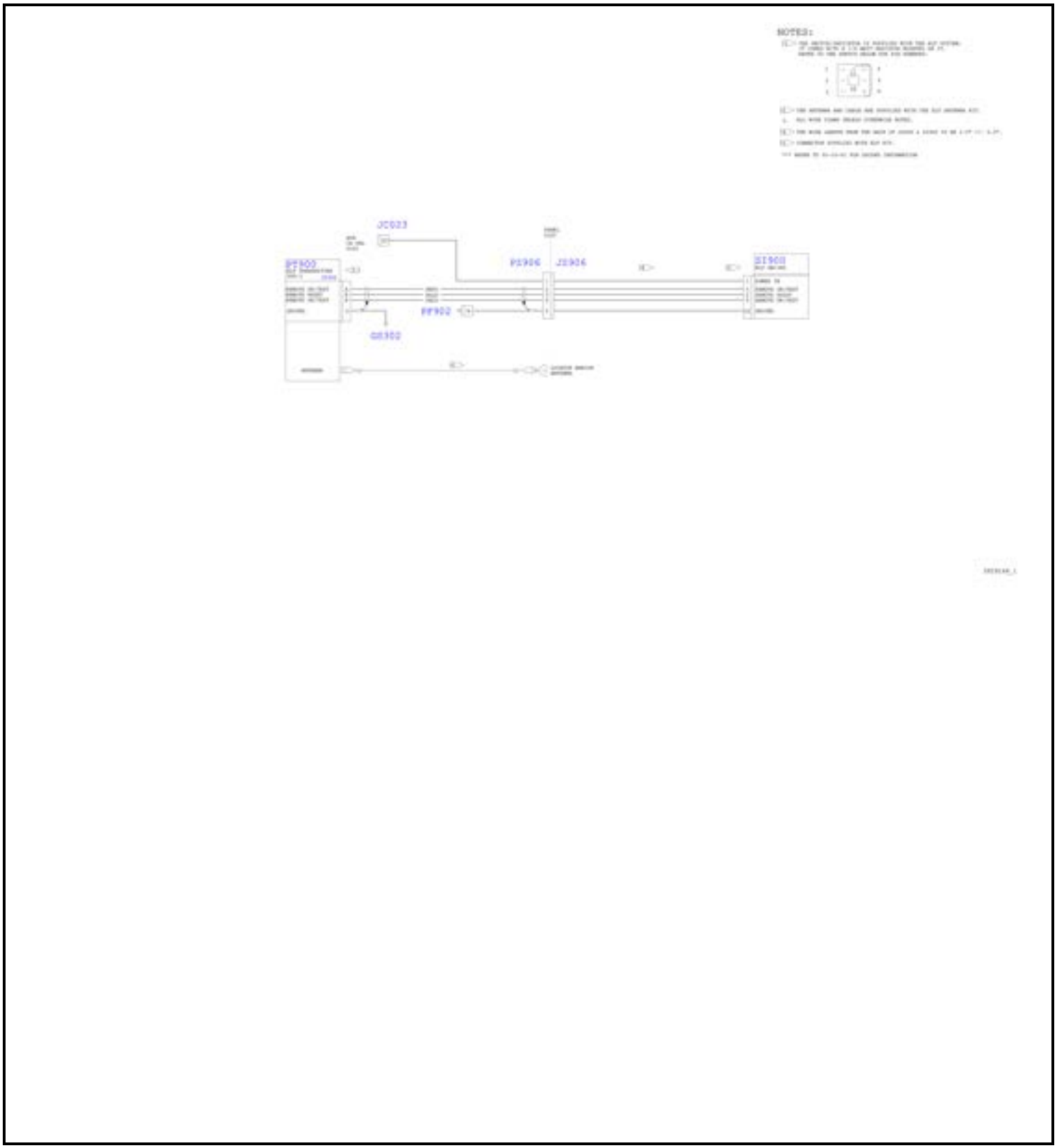
POINTER ELT 3000-11 W/NAV III

AIRPLANES (182) 81318 THRU 81875 AND AIRPLANES (T182) 08232 THRU 08668

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GS302		GROUND (ZONE 310)			RF
JC023	S2350-10	RECEPTACLE		(182) 81318 - 81875 (T182) 08232 - 08668	01
	S2353-4	. CONTACT			AR
	S2353-5	. PIN			AR
	S2353-7	. PIN			AR
JZ906		CONNECTOR			RF
PF902	SK2701	CONNECTOR (ZONE 221)	V28198	(182) 81318 - 81875 (T182) 08232 - 08668	01
	FC120N2	. CONTACT	V28198		AR
PT900		CONNECTOR (ZONE 310)			RF
PZ906		CONNECTOR			RF
SI900	3929123-2	SWITCH - ELT INDICATOR (ZONE 221)		(182) 81318 - 81875 (T182) 08232 - 08668	01
UT900		BUZZER - SONALERT			RF

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Figure 04 : Sheet 01 : POINTER ELT 3000-11 W/NAV III



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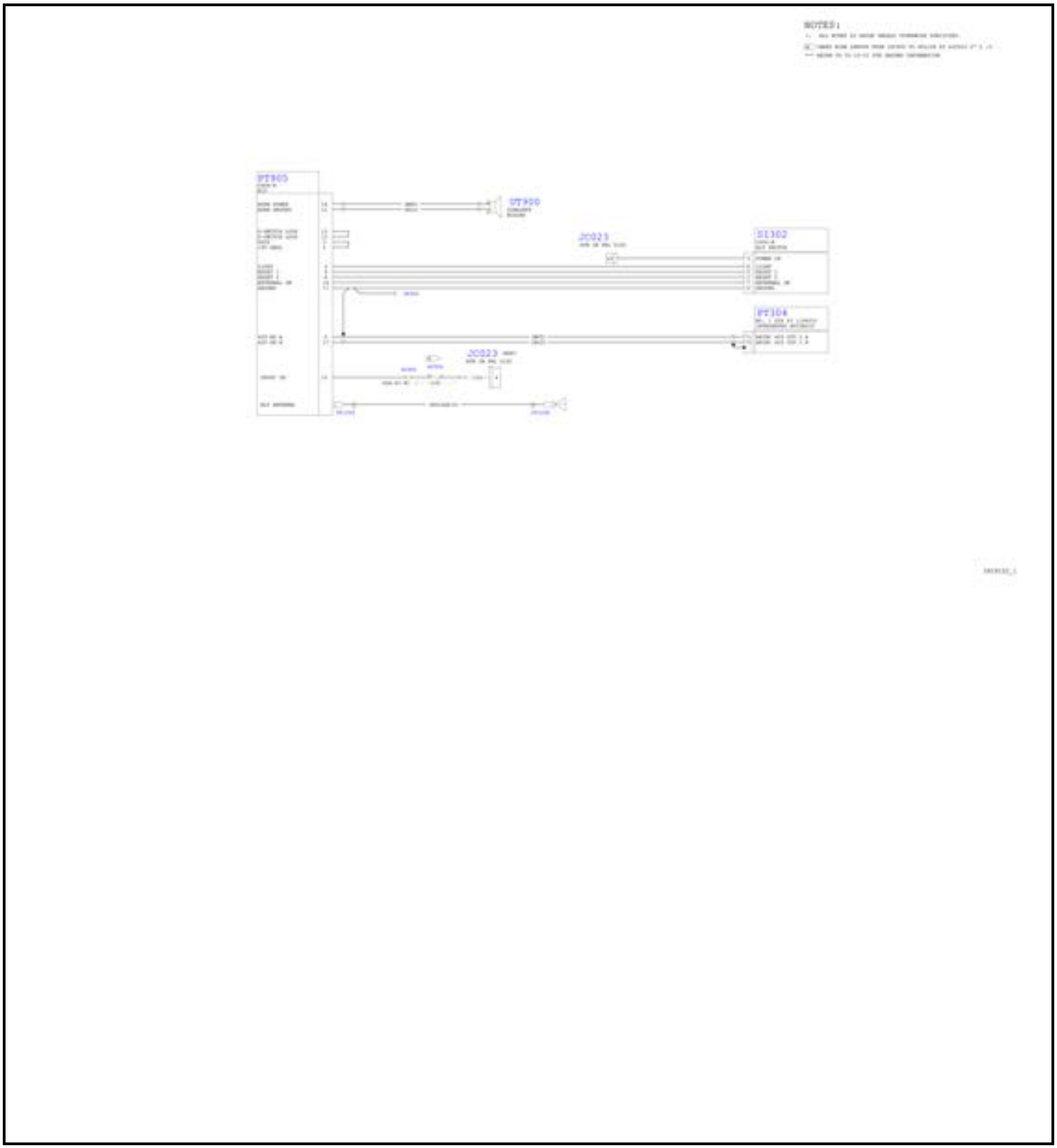
ARTEX C406-N-ELT W/NAV III

AIRPLANES (182) 81831 & ON AND AIRPLANES (T182) 08583 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
AC900		SPLICE			RF
GS302		GROUND (ZONE 310)			RF
HC900	S3491-1	FUSE		(182) 81831 & ON (T182) 08583 & ON	01
JC023	S2350-10	RECEPTACLE		(182) 81831 & ON (T182) 08583 & ON	01
	S2353-4	. CONTACT			AR
	S2353-5	. PIN			AR
	S2353-7	. PIN			AR
PT304		CONNECTOR - INTEGRATED AVIONIC 1			RF
PT905	151-5061	CONNECTOR	V60253	(182) 81831 & ON (T182) 08583 & ON	01
	151-6657	. CONTACTS	V60253		AR
	455-7422	. INSTALL KIT	V60253		01
PT1029	UG88C/U	CONNECTOR - COAX	V07688	(182) 81831 & ON (T182) 08583 & ON	01
PT1030	UG913A/U	CONNECTOR - COAX	V07688	(182) 81831 & ON (T182) 08583 & ON	01
SI302	455-6196	INSTALL KIT	V60253	(182) 81831 & ON (T182) 08583 & ON	01
UT900		BUZZER - SONALERT			RF

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Figure 01 : Sheet 01 : ARTEX C406-N-ELT W/NAV III



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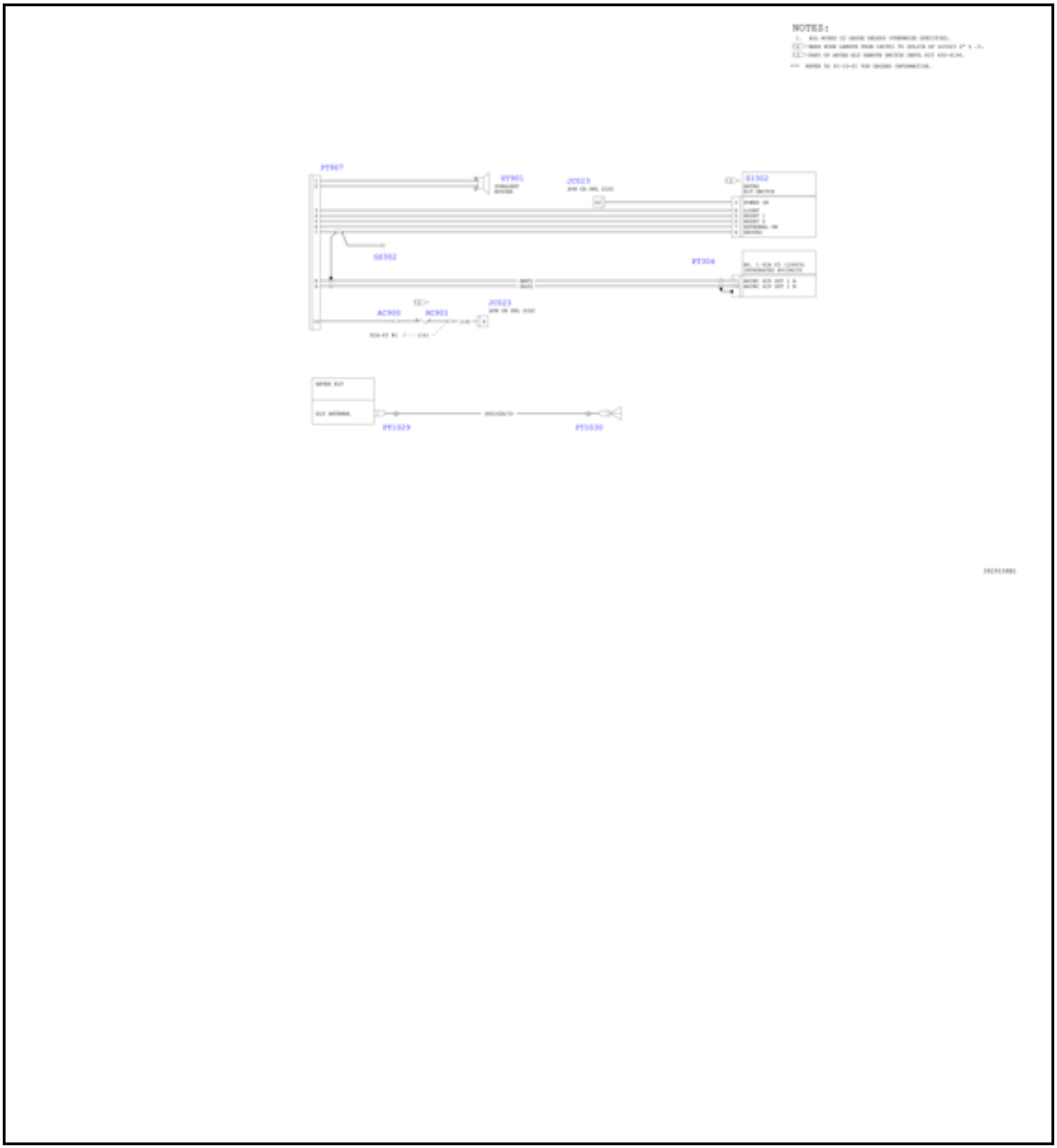
ARTEX ELT PROVISIONS W/NAV III

AIRPLANES (182) 81876 THRU 83154

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
AC900		SPLICE			RF
GS302		GROUND (ZONE 310)			RF
HC901	S3491-2	FUSE ASSEMBLY		(182) 81876 - 83154	01
JC023	S2350-10	RECEPTACLE		(182) 81876 - 83154	01
	S2353-4	. CONTACT			AR
	S2353-5	. PIN			AR
	S2353-7	. PIN			AR
PT304		CONNECTOR - INTEGRATED AVIONIC 1			RF
PT907	S3070-9	CONNECTOR - KIT	V49367	(182) 81876 - 83154	01
	LMS01T-TL	. SPLICE CONNECTOR	V49367		01
PT1029	UG88C/U	CONNECTOR - COAX	V07688	(182) 81876 - 83154	01
PT1030	UG913A/U	CONNECTOR - COAX	V07688	(182) 81876 - 83154	01
SI302	455-6196	INSTALL KIT	V60253	(182) 81876 - 83154	01
UT901		BUZZER - ALERT			RF

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Figure 01 : Sheet 01 : ARTEX ELT PROVISIONS W/NAV III



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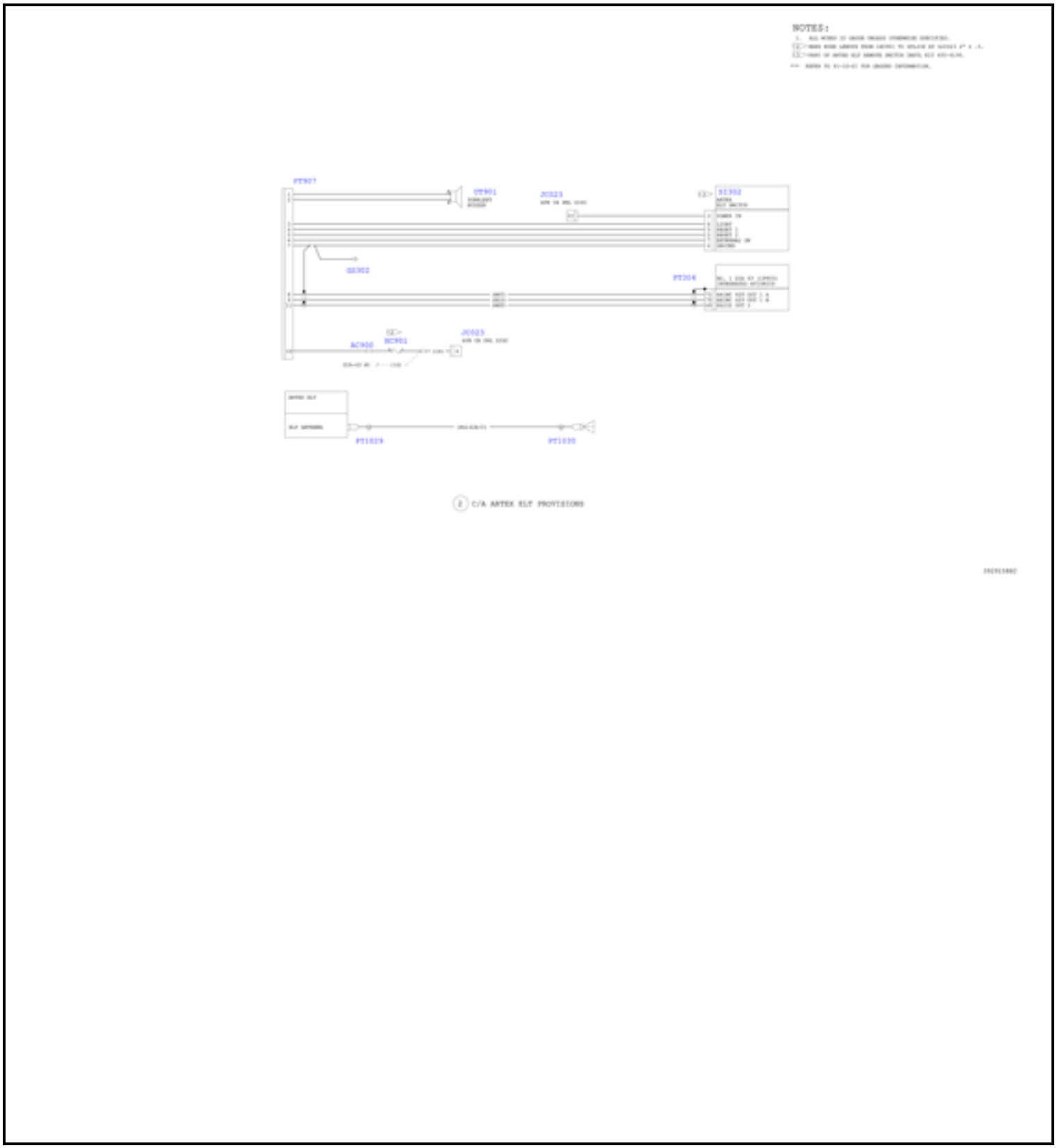
ARTEX ELT PROVISIONS W/NAV III

AIRPLANES (182) 83155 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
AC900		SPLICE			RF
GS302		GROUND (ZONE 310)			RF
HC901	S3491-2	FUSE ASSEMBLY		(182) 83155 & ON	01
JC023	S2350-10	RECEPTACLE		(182) 83155 & ON	01
	S2353-4	. CONTACT			AR
	S2353-5	. PIN			AR
	S2353-7	. PIN			AR
PT304		CONNECTOR - INTEGRATED AVIONIC 1			RF
PT907	S3070-9	CONNECTOR - KIT	V49367	(182) 83155 & ON	01
	LMS01T-TL	. SPLICE CONNECTOR	V49367		01
PT1029	UG88C/U	CONNECTOR - COAX	V07688	(182) 83155 & ON	01
PT1030	UG913A/U	CONNECTOR - COAX	V07688	(182) 83155 & ON	01
SI302	455-6196	INSTALL KIT	V60253	(182) 83155 & ON	01
UT901		BUZZER - ALERT			RF

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Figure 02 : Sheet 01 : ARTEX ELT PROVISIONS W/NAV III



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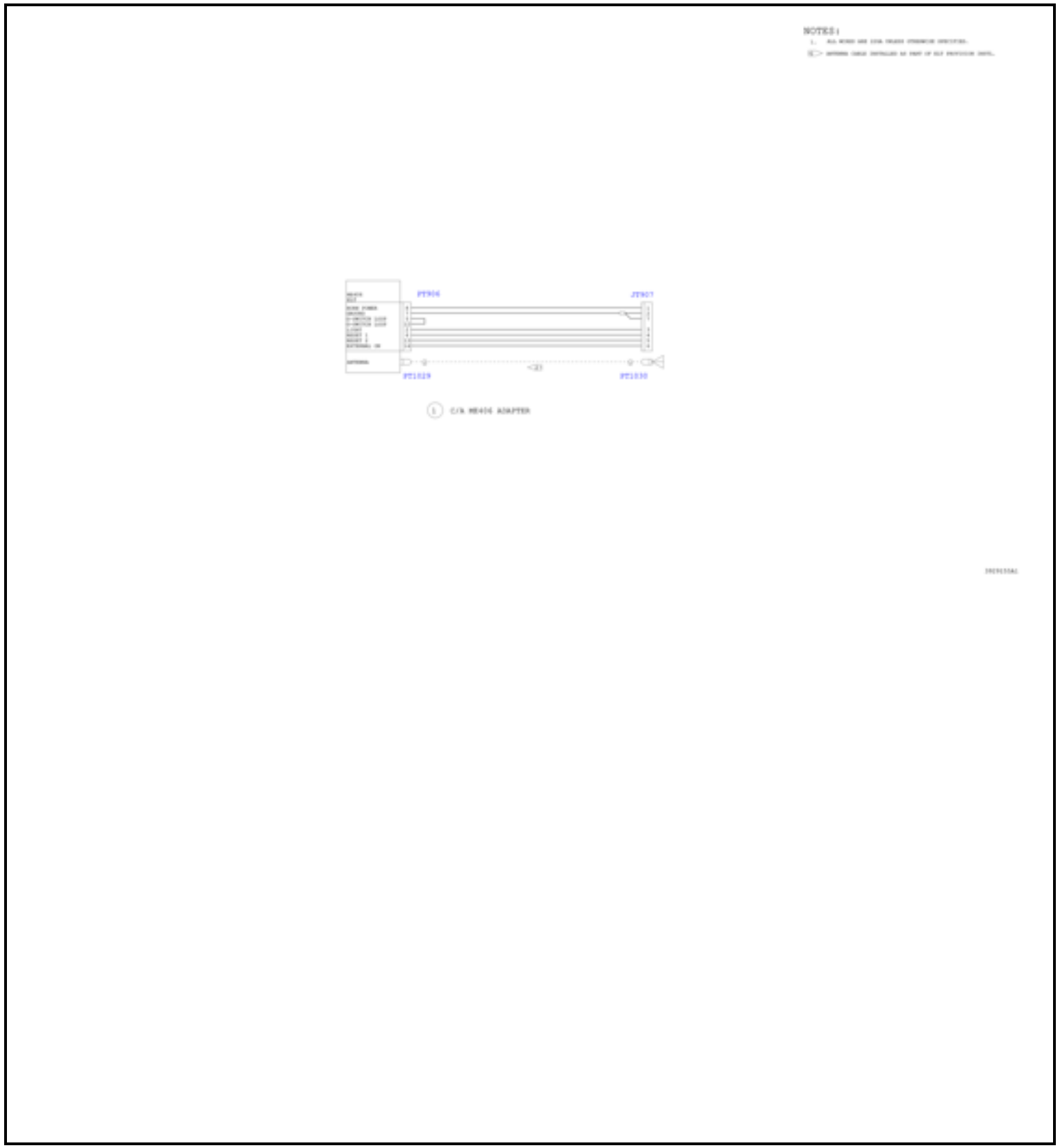
ARTEX ELT ADAPTER HARNESS

AIRPLANES (182) 81869 AND 81876 THRU 83154

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
JT907	S3070-10	CONNECTOR	V49367	(182) 81869 - 81869 (182) 81876 - 83154	01
PT906	S2340-15	CONNECTOR - HOUSING		(182) 81869 - 81869 (182) 81876 - 83154	01
	S2341-1	. CONTACT	V28198		01
PT1029	UG88C/U	CONNECTOR - COAX	V07688	(182) 81869 - 81869 (182) 81876 - 83154	01
PT1030	UG913A/U	CONNECTOR - COAX	V07688	(182) 81869 - 81869 (182) 81876 - 83154	01

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Figure 01 : Sheet 01 : ARTEX ELT ADAPTER HARNESS



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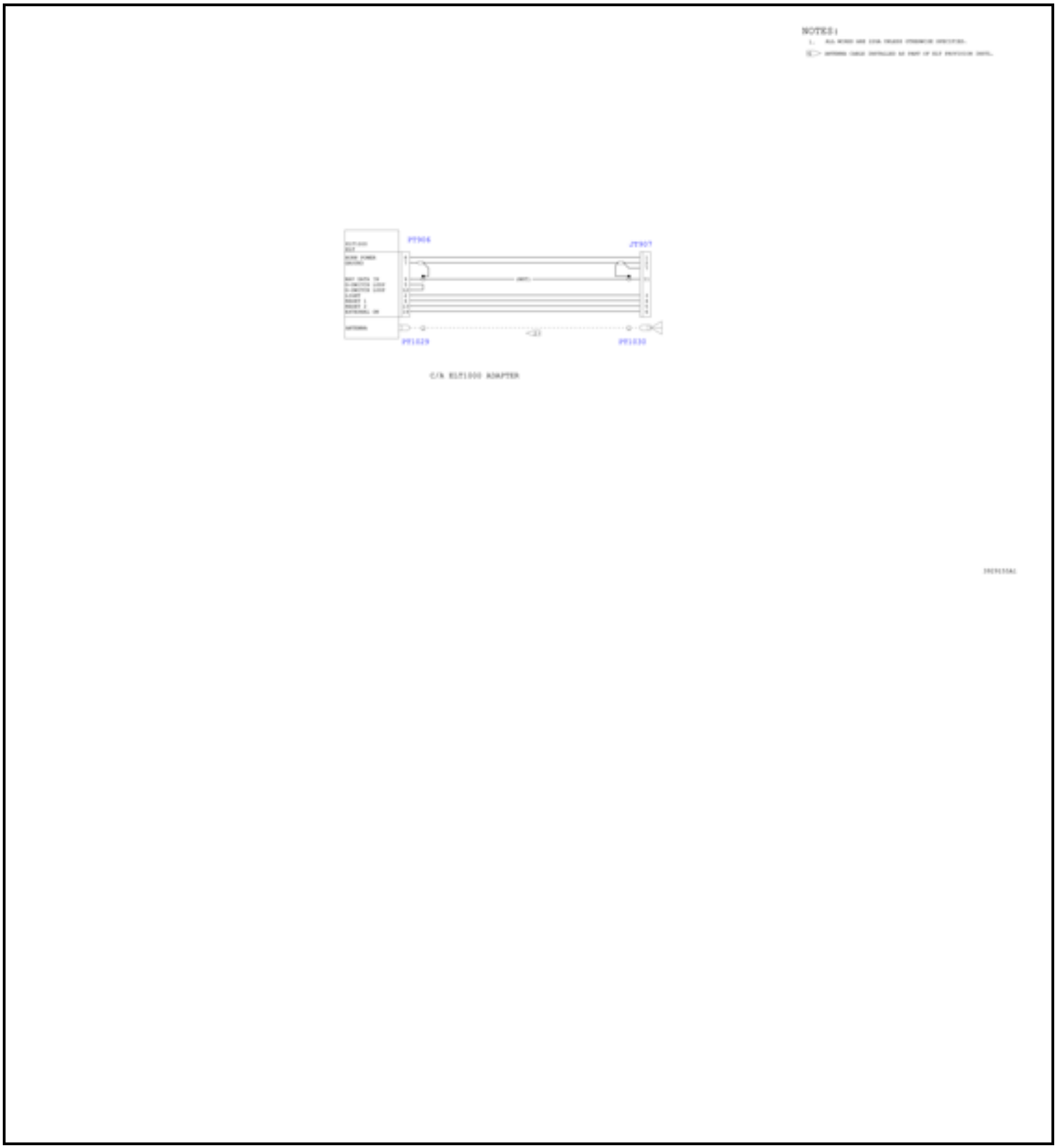
ARTEX ELT ADAPTER HARNESS

AIRPLANES (182) 83155 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
JT907	S3070-10	CONNECTOR	V49367	(182) 83155 & ON	01
PT906	S2340-15	CONNECTOR - HOUSING		(182) 83155 & ON	01
	S2341-1	. CONTACT	V28198		01
PT1029	UG88C/U	CONNECTOR - COAX	V07688	(182) 83155 & ON	01
PT1030	UG913A/U	CONNECTOR - COAX	V07688	(182) 83155 & ON	01

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Figure 02 : Sheet 01 : ARTEX ELT ADAPTER HARNESS



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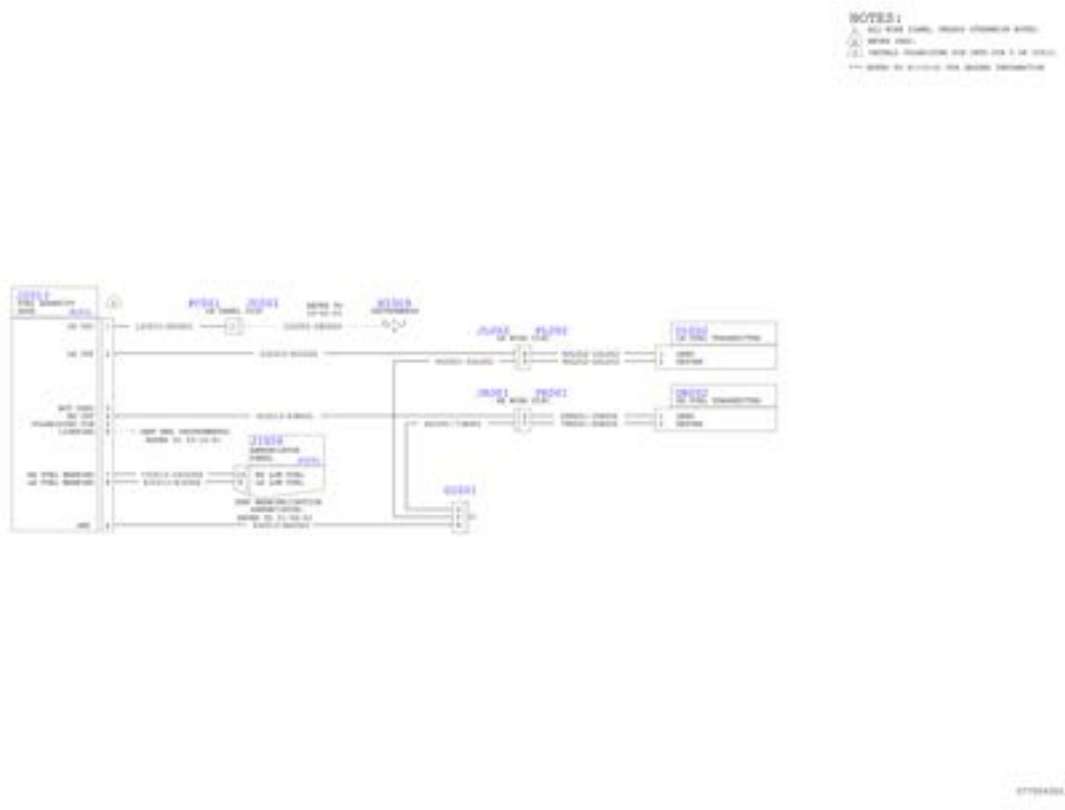
FUEL QUANTITY

AIRPLANES (182) 80001 THRU 81297 AND AIRPLANES (T182) 08001 THRU 08224

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
EI011		INDICATOR - FUEL QUANTITY			RF
GI001	200838-2	GROUND BLOCK (ZONE 211)	V00779	(182) 80001 - 81297 (T182) 08001 - 08224	01
	S2099-13	. CONTACT			02
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
HI009	S1360-5L	CIRCUIT BREAKER (ZONE 224)		(182) 80001 - 81297 (T182) 08001 - 08224	01
JC001	S2349-5	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(182) 80001 - 81297 (T182) 08001 - 08224	01
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
JI006	770585-1	CONNECTOR (ZONE 225)	V00779	(182) 80001 - 81297 (T182) 08001 - 08224	01
	170365-3	. CONTACT	V00779	(182) 80001 - 80944	AR
	S3556-26	. CONTACT		(182) 80945 & ON	AR
JI013	S2349-3	CONNECTOR - FUEL QUANTITY INDICATOR (ZONE 22)		(182) 80001 - 81297 (T182) 08001 - 08224	01
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
	S2414-1	. KEYING PLUG			01
JL002	S1641-12	HOUSING (ZONE 510)		(182) 80001 - 81297 (T182) 08001 - 08224	01
	S1636-1	. ELECTRICAL SOCKET			AR
	S1636-2	. SOCKET			AR
JR001	S1641-9	CONNECTOR - RIGHT WING DISCONNECT (ZONE 610)		(182) 80001 - 81297 (T182) 08001 - 08224	01
	S1636-1	. CONTACT			AR
	S1636-2	. CONTACT			AR
PC001	S2350-10	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(182) 80001 - 81297 (T182) 08001 - 08224	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PL002	S1640-12	HOUSING (ZONE 510)		(182) 80001 - 81297 (T182) 08001 - 08224	01
	S1635-1	. PIN	V49367		AR
	S1635-2	. PIN			AR
PR001	S1640-9	CONNECTOR - RIGHT WING DISCONNECT (ZONE 610)		(182) 80001 - 81297 (T182) 08001 - 08224	01
	S1635-1	. CONTACT	V49367		AR
	S1635-2	. CONTACT			AR
UI005		ANNUNCIATOR PANEL			RF
UL002		TRANSMITTER - LEFT FUEL QUANTITY (ZONE 510)			RF
UR002		TRANSMITTER - RIGHT FUEL QUANTITY (ZONE 610)			RF

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Figure 01 : Sheet 01 : FUEL QUANTITY



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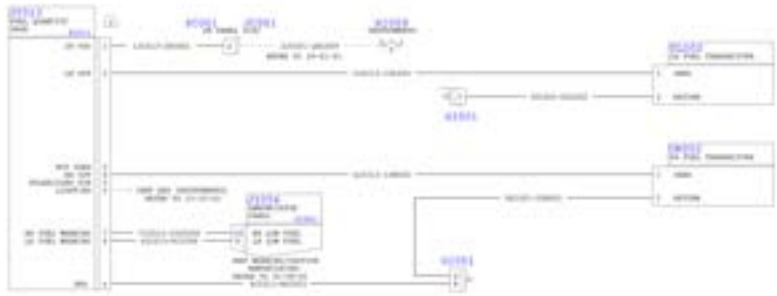
FUEL QUANTITY

AIRPLANES (182) 81298 & ON AND AIRPLANES (T182) 08225 & ON WITHOUT NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
EI011		INDICATOR - FUEL QUANTITY			RF
GI001	200838-2	GROUND BLOCK (ZONE 211)	V00779	(182) 81298 & ON (T182) 08225 & ON	01
	S2099-13	. CONTACT			02
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
HI009	S1360-5L	CIRCUIT BREAKER (ZONE 224)		(182) 81298 & ON (T182) 08225 & ON	01
JC001	S2349-5	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(182) 81298 & ON (T182) 08225 & ON	01
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
JI006	770585-1	CONNECTOR (ZONE 225)	V00779	(182) 81298 & ON (T182) 08225 & ON	01
	170365-3	. CONTACT	V00779	(182) 80001 - 80944	AR
	S3556-26	. CONTACT		(182) 80945 & ON	AR
JI013	S2349-3	CONNECTOR - FUEL QUANTITY INDICATOR (ZONE 22)		(182) 81298 & ON (T182) 08225 & ON	01
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
	S2414-1	. KEYING PLUG			01
PC001	S2350-10	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(182) 81298 & ON (T182) 08225 & ON	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
UI005		ANNUNCIATOR PANEL			RF
UL002		TRANSMITTER - LEFT FUEL QUANTITY (ZONE 510)			RF
UR002		TRANSMITTER - RIGHT FUEL QUANTITY (ZONE 610)			RF

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Figure 02 : Sheet 01 : FUEL QUANTITY



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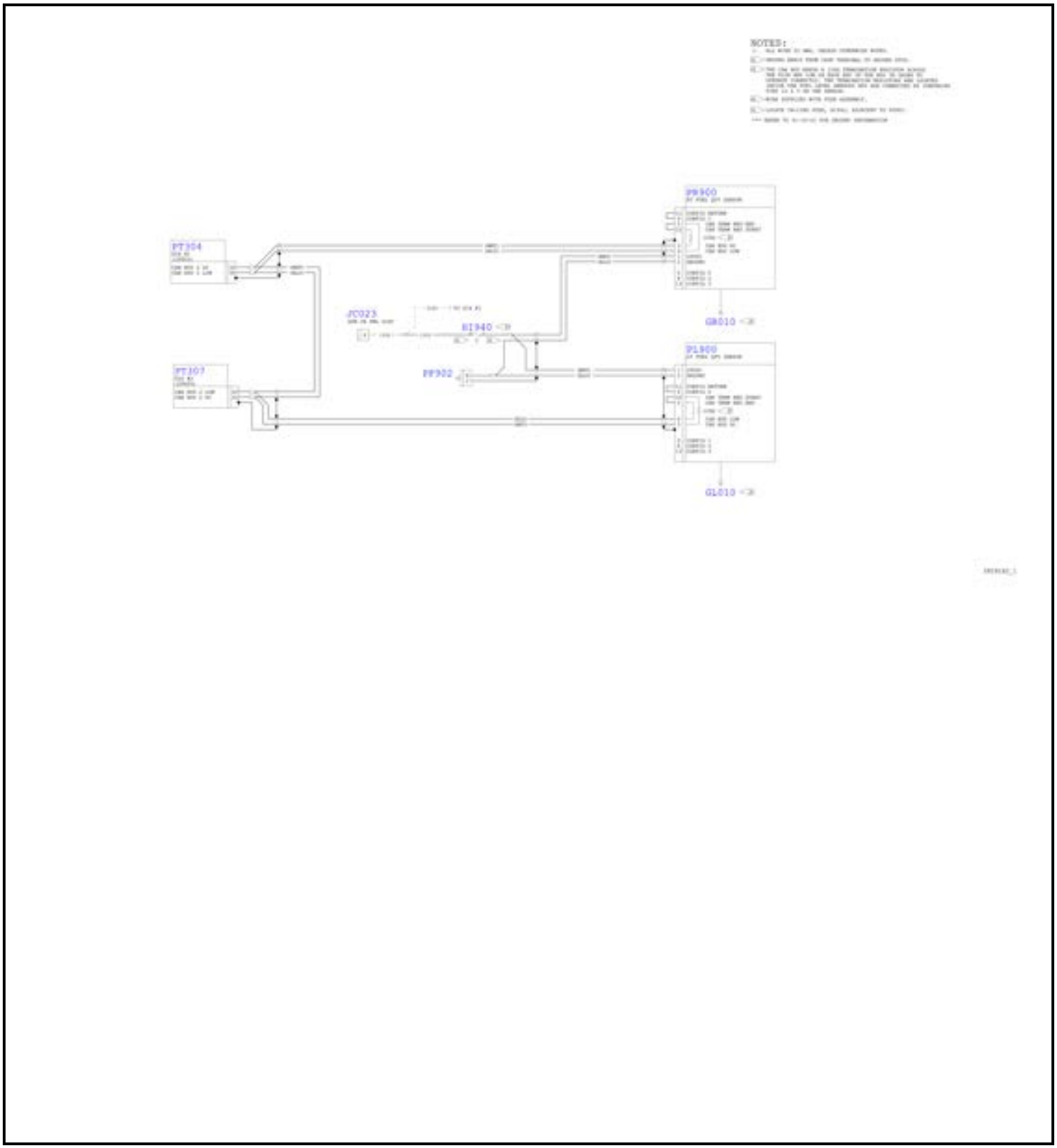
FUEL QUANTITY W/NAV III

AIRPLANES (182) 82046 & ON AND AIRPLANES (T182) 08807 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GL010	0708001-2	GROUND (ZONE 510)		(182) 82046 & ON (T182) 08807 & ON	01
GR010	0708001-2	GROUND (ZONE 610)		(182) 82046 & ON (T182) 08807 & ON	01
HI940	S3491-2	FUSE (ZONE 221)		(182) 82046 & ON (T182) 08807 & ON	01
JC023	S2350-10	RECEPTACLE		(182) 82046 & ON (T182) 08807 & ON	01
	S2353-4	. CONTACT			AR
	S2353-5	. PIN			AR
	S2353-7	. PIN			AR
PF902	SK2701	CONNECTOR (ZONE 221)	V28198	(182) 82046 & ON (T182) 08807 & ON	01
	FC120N2	. CONTACT	V28198		AR
PL900	D38999/26FB35SN	PLUG - LEFT FUEL QUANITY SENSOR		(182) 82046 & ON (T182) 08807 & ON	01
	S3627-11-90	. BACKSHELL			01
	M39029/56-348	. CONTACT			AR
PR900	D38999/26FB35SN	PLUG - RIGHT FUEL QUANITY SENSOR		(182) 82046 & ON (T182) 08807 & ON	01
	S3627-11-90	. BACKSHELL			01
	M39029/56-348	. CONTACT			AR
PT304		CONNECTOR - INTEGRATED AVIONIC 1			RF
PT307		CONNECTOR - INTEGRATED AVIONIC 2			RF

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



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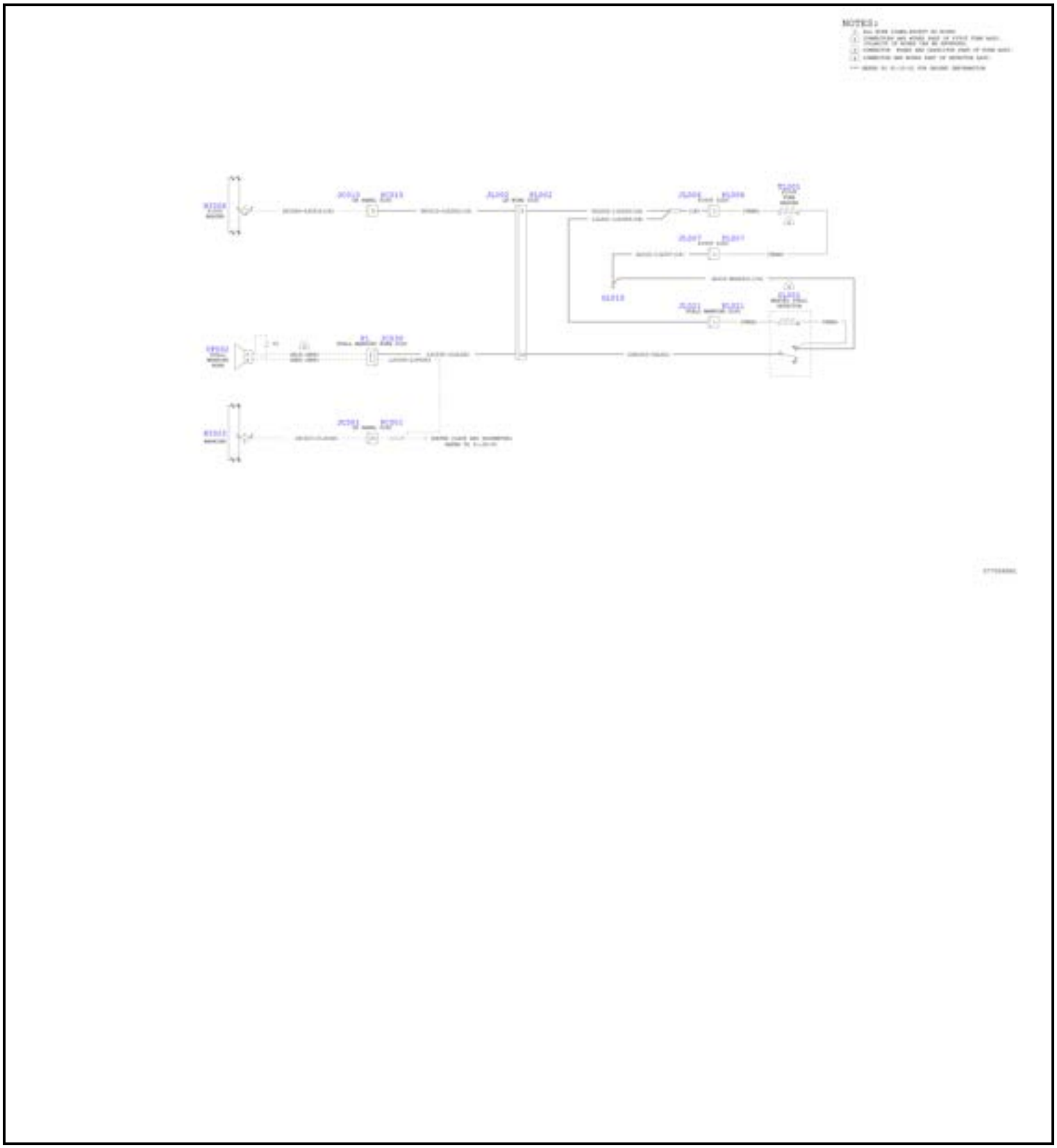
PITOT HEATER AND HEATED STALL WARNING

AIRPLANES (182) 80001 & ON WITHOUT NAV III OPTION AND AIRPLANES (T182) 08001 & ON WITHOUT NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GL010	0708001-2	GROUND (ZONE 510)		(182) 80001 & ON (T182) 08001 & ON	01
HI006	CM3589-10	CIRCUIT BREAKER (ZONE 224)		(182) 80001 & ON (T182) 08001 & ON	01
HI022	S1360-5L	CIRCUIT BREAKER (ZONE 224)		(182) 80001 & ON (T182) 08001 & ON	01
JC001	S2349-5	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(182) 80001 & ON (T182) 08001 & ON	01
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
JC010	S1641-9	CONNECTOR - HOUSING-SOCKET (ZONE 224)		(182) 80001 & ON (T182) 08001 & ON	01
	S1636-1	. ELECTRICAL SOCKET			AR
	S1636-2	. SOCKET			AR
JC030	S2035-2	HOUSING (ZONE 510)	V00779	(182) 80001 & ON (T182) 08001 & ON	01
	S1636-1	. ELECTRICAL SOCKET			AR
JL002	S1641-12	HOUSING (ZONE 510)		(182) 80001 & ON (T182) 08001 & ON	01
	S1636-1	. ELECTRICAL SOCKET			AR
	S1636-2	. SOCKET			AR
JL006	S1637-2	HOUSING - PLUG/CAP (ZONE 510)		(182) 80001 & ON (T182) 08001 & ON	01
	S1636-1	. ELECTRICAL SOCKET		(182) 80945 & ON (T182) 08001 & ON	01
	S1636-3	. ELECTRICAL SOCKET		(182) 80001 - 80944	AR
JL007	S1637-2	HOUSING - PLUG/CAP (ZONE 510)		(182) 80001 & ON (T182) 08001 & ON	01
	S1636-1	. ELECTRICAL SOCKET			AR
JL021	S1637-2	HOUSING - PLUG/CAP (ZONE 510)		(182) 80001 & ON (T182) 08001 & ON	01
	S1636-1	. ELECTRICAL SOCKET			AR
P1	S1640-6	CONNECTOR - DIMMING MODULE (ZONE 222)		(182) 80001 & ON (T182) 08001 & ON	01
	S1635-1	. CONTACT	V49367	(182) 08481 & ON (182) 81742 & ON	AR
PC001	S2350-10	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(182) 80001 & ON (T182) 08001 & ON	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PC010	S1640-9	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(182) 80001 & ON (T182) 08001 & ON	01
	S1635-1	. CONTACT	V49367		AR
	S1635-2	. CONTACT			AR
PL002	S1640-12	HOUSING (ZONE 510)		(182) 80001 & ON (T182) 08001 & ON	01
	S1635-1	. PIN	V49367		AR
	S1635-2	. PIN			AR
PL006	S1637-1	CONNECTOR (ZONE 520)		(182) 80001 & ON (T182) 08001 & ON	01
	S1635-1	. CONTACT	V49367		AR
PL007	S1637-1	CONNECTOR (ZONE 520)		(182) 80001 & ON (T182) 08001 & ON	01
	S1635-1	. CONTACT	V49367		AR
PL021		CONNECTOR			RF
SL001		HEATED STALL DETECTOR (ZONE 510)			RF
TL001		PITOT TUBE HEATER (ZONE 510)			RF
UF002		HORN ASSEMBLY - STALL WARNING			RF

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Figure 01 : Sheet 01 : PITOT HEATER AND HEATED STALL WARNING



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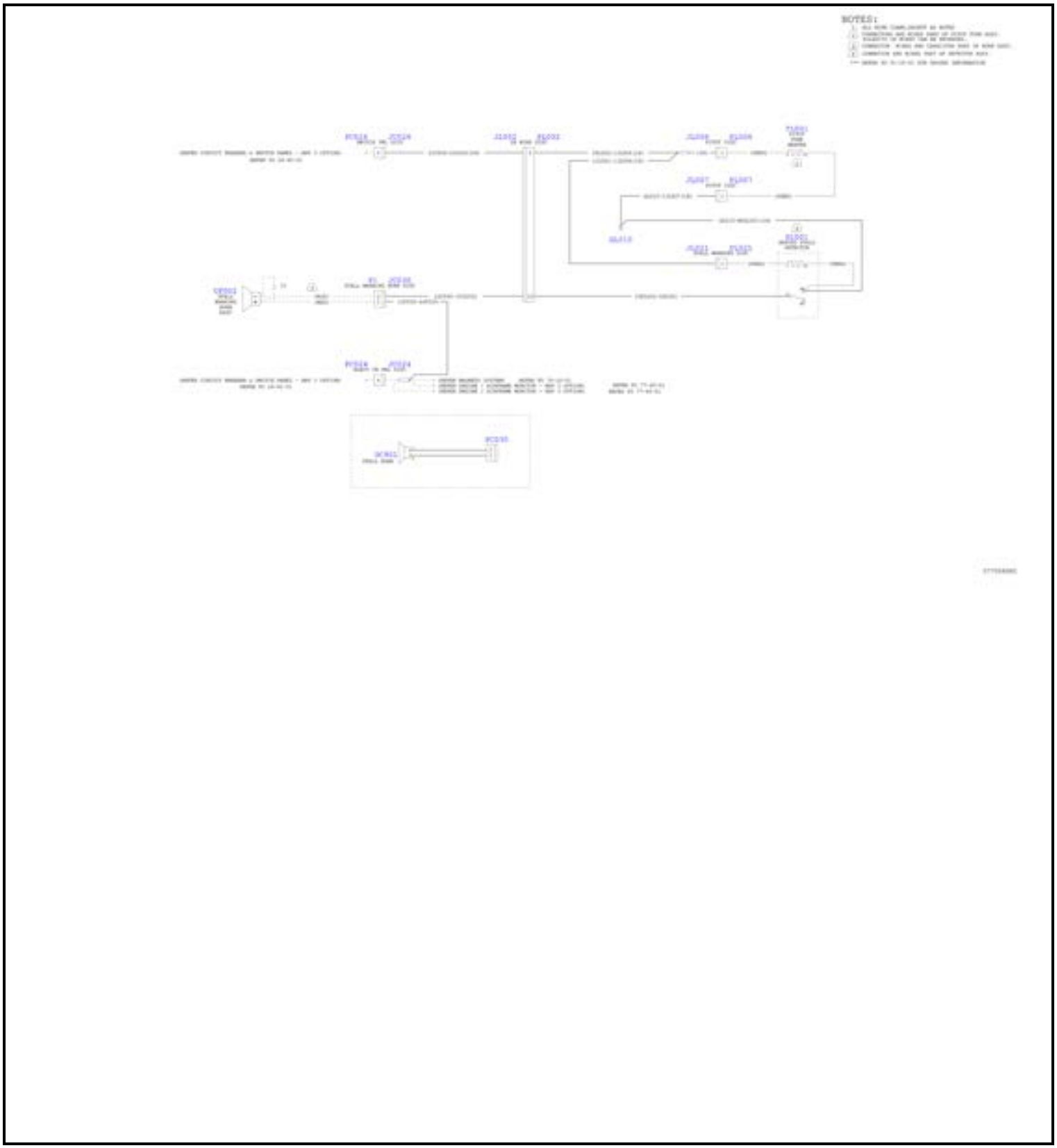
PITOT HEATER AND HEATED STALL WARNING W/NAV III AVIONICS

AIRPLANES (182) 81318 THRU 83251 WITH NAV III OPTION AND AIRPLANES (T182) 08232 THRU 09139 WITH NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GL010	0708001-2	GROUND (ZONE 510)		(182) 81318 - 83251 (T182) 08232 - 09139	01
JC024	S2350-4	RECEPTACLE (ZONE 220)	V00779	(182) 81318 & ON (T182) 08232 & ON	01
	S2353-4	. CONTACT			01
	S2353-5	. PIN			01
JC026	S2350-3	HOUSING - RECEPTACLE (ZONE 220)		(182) 81318 & ON (T182) 08232 & ON	01
	S2353-4	. CONTACT			AR
	S2353-6	. CONTACT		(182) 81318 - 82280	AR
	S3373-1	. CONTACT			AR
	S2353-5	. PIN			AR
JC030	S2035-2	HOUSING (ZONE 510)	V00779	(182) 81318 - 83251 (T182) 08232 - 09139	01
	S1636-1	. ELECTRICAL SOCKET			AR
JL002	S1641-12	HOUSING (ZONE 510)		(182) 81318 - 83251 (T182) 08232 - 09139	01
	S1636-1	. ELECTRICAL SOCKET			AR
	S1636-2	. SOCKET			AR
JL006	S1637-2	HOUSING - PLUG/CAP (ZONE 510)		(182) 81318 - 83251 (T182) 08232 - 09139	01
	S1636-1	. ELECTRICAL SOCKET		(182) 80945 & ON (T182) 08001 & ON	01
	S1636-3	. ELECTRICAL SOCKET		(182) 80001 - 80944	AR
JL007	S1637-2	HOUSING - PLUG/CAP (ZONE 510)		(182) 81318 - 83251 (T182) 08232 - 09139	01
	S1636-1	. ELECTRICAL SOCKET			AR
JL021	S1637-2	HOUSING - PLUG/CAP (ZONE 510)		(182) 81318 - 83251 (T182) 08232 - 09139	01
	S1636-1	. ELECTRICAL SOCKET			AR
P1	S1640-6	CONNECTOR - DIMMING MODULE (ZONE 222)		(182) 81318 - 83251 (T182) 08232 - 09139	01
	S1635-1	. CONTACT	V49367	(182) 08481 & ON (182) 81742 & ON	AR
PC024	S2349-3	PLUG (ZONE 220)		(182) 81318 & ON (T182) 08232 & ON	01
	S2099-3	. CONTACT			01
	S2099-4	. CONTACT	V00779		01
PC026	S2349-1	CONNECTOR - PLUG	V00779	(182) 81318 & ON (T182) 08232 & ON	01
	S2099-13	. CONTACT		(182) 81318 - 82280 (T182) 08232 - 09023	02
	S2099-3	. CONTACT			02
	S2099-4	. CONTACT	V00779		09
	S3373-2	. CONTACT - SOCKET			02
PC030	S2035-1	HOUSING		(182) 83116 & ON (T182) 09101 & ON	01
	S1635-1	. PIN	V49367		02
PL002	S1640-12	HOUSING (ZONE 510)		(182) 81318 - 83251 (T182) 08232 - 09139	01
	S1635-1	. PIN	V49367		AR
	S1635-2	. PIN			AR
PL006	S1637-1	CONNECTOR (ZONE 520)		(182) 81318 - 83251 (T182) 08232 - 09139	01
	S1635-1	. CONTACT	V49367		AR
PL007	S1637-1	CONNECTOR (ZONE 520)		(182) 81318 - 83251 (T182) 08232 - 09139	01
	S1635-1	. CONTACT	V49367		AR
PL021		CONNECTOR			RF
SL001		HEATED STALL DETECTOR (ZONE 510)			RF
TL001		PITOT TUBE HEATER (ZONE 510)			RF
UC901		HORN			RF
UF002		HORN ASSEMBLY - STALL WARNING			RF

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Figure 02 : Sheet 01 : PITOT HEATER AND HEATED STALL WARNING W/NAV III AVIONICS



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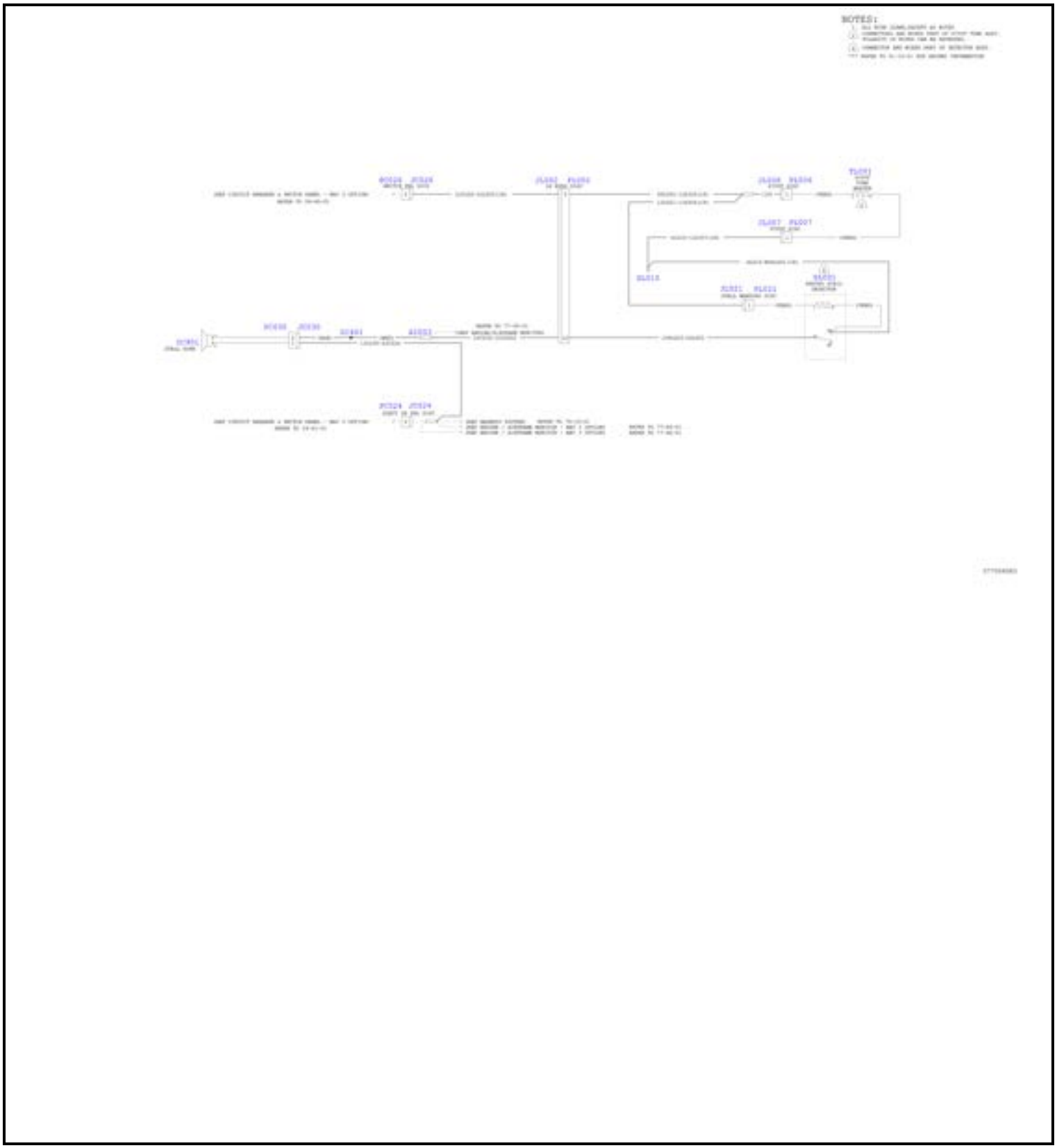
PITOT HEATER AND HEATED STALL WARNING W/NAV III AVIONICS

AIRPLANES (182) 83252 & ON WITH NAV III OPTION AND AIRPLANES (T182) 09140 & ON WITH NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
AI003	S1370-1	SPLICE		(182) 83252 & ON (T182) 09140 & ON	01
DI401	S3106-4	DIODE ASSEMBLY	V03508	(182) 83252 & ON (T182) 09140 & ON	01
GL010	MS25083-2AB4	JUMPER ASSEMBLY		(182) 80945 & ON (T182) 08001 & ON	01
JC024	S2350-4	RECEPTACLE (ZONE 220)	V00779	(182) 81318 & ON (T182) 08232 & ON	01
	S2353-4	. CONTACT			01
	S2353-5	. PIN			01
JC026	S2350-3	HOUSING - RECEPTACLE (ZONE 220)		(182) 81318 & ON (T182) 08232 & ON	01
	S2353-4	. CONTACT			AR
	S2353-6	. CONTACT		(182) 81318 - 82280	AR
	S3373-1	. CONTACT			AR
	S2353-5	. PIN			AR
JC030	S2035-2	HOUSING (ZONE 510)	V00779	(182) 83252 & ON (T182) 09140 & ON	01
	S1636-1	. ELECTRICAL SOCKET			AR
JL002	S1641-12	HOUSING (ZONE 510)		(182) 83252 & ON (T182) 09140 & ON	01
	S1636-1	. ELECTRICAL SOCKET			AR
	S1636-2	. SOCKET			AR
JL006	S1637-2	HOUSING - PLUG/CAP (ZONE 510)		(182) 83252 & ON (T182) 09140 & ON	01
	S1636-1	. ELECTRICAL SOCKET		(182) 80945 & ON (T182) 08001 & ON	01
	S1636-3	. ELECTRICAL SOCKET		(182) 80001 - 80944	AR
JL007	S1637-2	HOUSING - PLUG/CAP (ZONE 510)		(182) 83252 & ON (T182) 09140 & ON	01
	S1636-1	. ELECTRICAL SOCKET			AR
JL021	S1637-2	HOUSING - PLUG/CAP (ZONE 510)		(182) 83252 & ON (T182) 09140 & ON	01
	S1636-1	. ELECTRICAL SOCKET			AR
PC024	S2349-3	PLUG (ZONE 220)		(182) 81318 & ON (T182) 08232 & ON	01
	S2099-3	. CONTACT			01
	S2099-4	. CONTACT	V00779		01
PC026	S2349-1	CONNECTOR - PLUG	V00779	(182) 81318 & ON (T182) 08232 & ON	01
	S2099-13	. CONTACT		(182) 81318 - 82280 (T182) 08232 - 09023	02
	S2099-3	. CONTACT			02
	S2099-4	. CONTACT	V00779		09
	S3373-2	. CONTACT - SOCKET			02
PC030	S2035-1	HOUSING		(182) 83116 & ON (T182) 09101 & ON	01
	S1635-1	. PIN	V49367		02
PL002	S1640-12	HOUSING (ZONE 510)		(182) 83252 & ON (T182) 09140 & ON	01
	S1635-1	. PIN	V49367		AR
	S1635-2	. PIN			AR
PL006		CONNECTOR			RF
PL007		CONNECTOR			RF
PL021		CONNECTOR			RF
SL001		HEATED STALL DETECTOR (ZONE 510)			RF
TL001		PITOT TUBE HEATER (ZONE 510)			RF
UC901		HORN			RF

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Figure 03 : Sheet 01 : PITOT HEATER AND HEATED STALL WARNING W/NAV III AVIONICS



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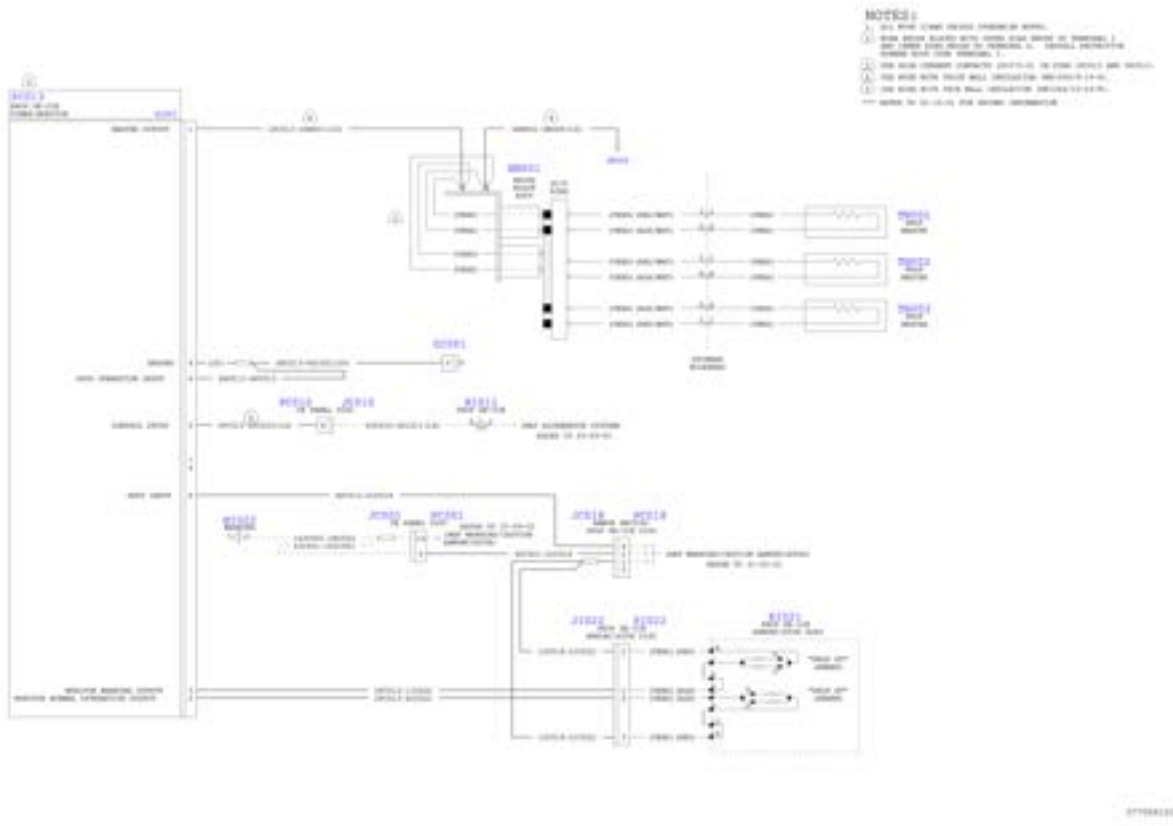
PROPELLER DEICE

AIRPLANES (T182) 08001 THRU 08224 WITHOUT NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
EI021		ANNUNCIATOR - PROPELLER DEICE			RF
GI001	200838-2	GROUND BLOCK (ZONE 211)	V00779	(T182) 08001 - 08224	01
	S2099-13	. CONTACT			02
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
GN008		GROUND (ZONE 211)			RF
HI011	CM3589-20	CIRCUIT BREAKER (ZONE 224)		(T182) 08001 - 08224	01
HI022	S1360-5L	CIRCUIT BREAKER (ZONE 224)		(T182) 08001 - 08224	01
JC001	S2349-5	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(T182) 08001 - 08224	01
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
JC010	S1641-9	CONNECTOR - HOUSING-SOCKET (ZONE 224)		(T182) 08001 - 08224	01
	S1636-1	. ELECTRICAL SOCKET			AR
	S1636-2	. SOCKET			AR
JC018	S1638-6	CONNECTOR (ZONE 225)		(T182) 08001 - 08224	01
	S1636-1	. CONTACT			AR
	S1636-2	. CONTACT			AR
JI022	176284-1	CONNECTOR - DEICE DISC (ZONE 224)	V00779	(T182) 08001 - 08224	01
	175153-2	. CONTACT	V00779		AR
PC001	S2350-10	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(T182) 08001 - 08224	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PC010	S1640-9	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(T182) 08001 - 08224	01
	S1635-1	. CONTACT	V49367		AR
	S1635-2	. CONTACT			AR
PC013	S2349-3	CONNECTOR - DEICE TIMER/MONITOR (ZONE 211)		(T182) 08001 - 08224	01
	S2351-3	. CLAMP			01
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
	S3373-2	. CONTACT			AR
PC018	S1638-4	CONNECTOR - SWITCH DEICE DISCONNECT (ZONE 225)		(T182) 08001 - 08224	01
	S1635-1	. CONTACT	V49367		AR
PI022	S2035-1	CONNECTOR - DEICE DISCONNECT (ZONE 224)		(T182) 08001 - 08224	01
	S1635-1	. CONTACT	V49367		AR
TN001		HEATER - PROPELLER			RF
TN002		HEATER - PROPELLER			RF
TN003		HEATER - PROPELLER			RF
UC003		TIMER			RF
XN001		BRUSH BLOCK ASSEMBLY - PROPELLOR DEICE			RF

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Figure 01 : Sheet 01 : PROPELLER DEICE



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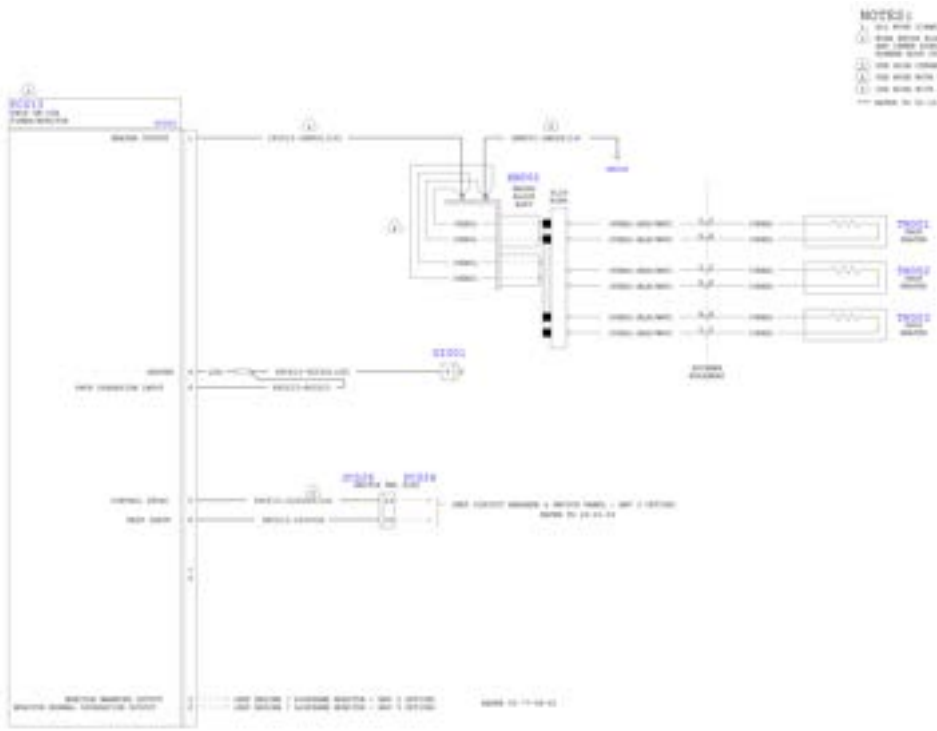
PROPELLER DEICE

AIRPLANES (T182) 08232 & ON WITH NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GI001	200838-2	GROUND BLOCK (ZONE 211)	V00779	(T182) 08232 & ON	01
	S2099-13	. CONTACT			02
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
GN008		GROUND (ZONE 211)			RF
JC026	S2350-3	HOUSING - RECEPTACLE (ZONE 220)		(182) 81318 & ON (T182) 08232 & ON	01
	S2353-4	. CONTACT			AR
	S2353-6	. CONTACT		(182) 81318 - 82280	AR
	S3373-1	. CONTACT			AR
	S2353-5	. PIN			AR
PC013	S2349-3	CONNECTOR - DEICE TIMER/MONITOR (ZONE 211)		(T182) 08232 & ON	01
	S2351-3	. CLAMP			01
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
	S3373-2	. CONTACT			AR
PC026	S2349-1	CONNECTOR - PLUG	V00779	(182) 81318 & ON (T182) 08232 & ON	01
	S2099-13	. CONTACT		(182) 81318 - 82280 (T182) 08232 - 09023	02
	S2099-3	. CONTACT			02
	S2099-4	. CONTACT	V00779		09
	S3373-2	. CONTACT - SOCKET			02
TN001		HEATER - PROPELLER			RF
TN002		HEATER - PROPELLER			RF
TN003		HEATER - PROPELLER			RF
UC003		TIMER			RF
XN001		BRUSH BLOCK ASSEMBLY - PROPELLOR DEICE			RF

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Figure 02 : Sheet 01 : PROPELLER DEICE



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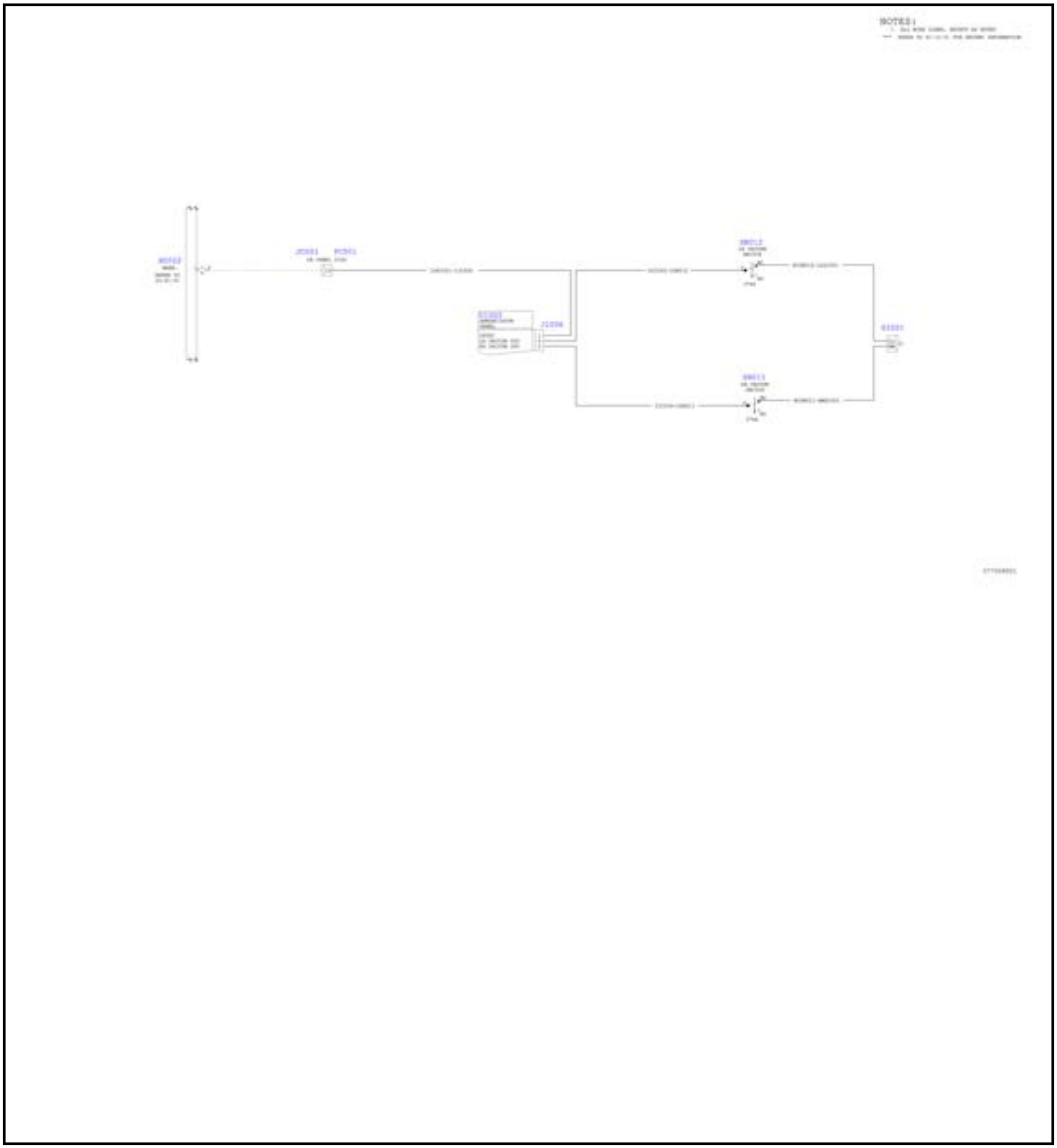
VACUUM OUT WARNING

AIRPLANES (182) 80001 THRU 80944

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GI001	200838-2	GROUND BLOCK (ZONE 211)	V00779	(182) 80001 - 80944	01
	S2099-13	. CONTACT			02
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
HI022	S1360-5L	CIRCUIT BREAKER (ZONE 224)		(182) 80001 - 80944	01
JC001	S2349-5	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(182) 80001 - 80944	01
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
JI006	770585-1	CONNECTOR (ZONE 225)	V00779	(182) 80001 - 80944	01
	170365-3	. CONTACT	V00779	(182) 80001 - 80944	AR
	S3556-26	. CONTACT		(182) 80945 & ON	AR
PC001	S2350-10	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(182) 80001 - 80944	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
SN011		SWITCH - VACUUM (ZONE 120)			RF
SN012		SWITCH - VACUUM (ZONE 120)			RF
UI005		ANNUNCIATOR PANEL			RF

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Figure 01 : Sheet 01 : VACUUM OUT WARNING



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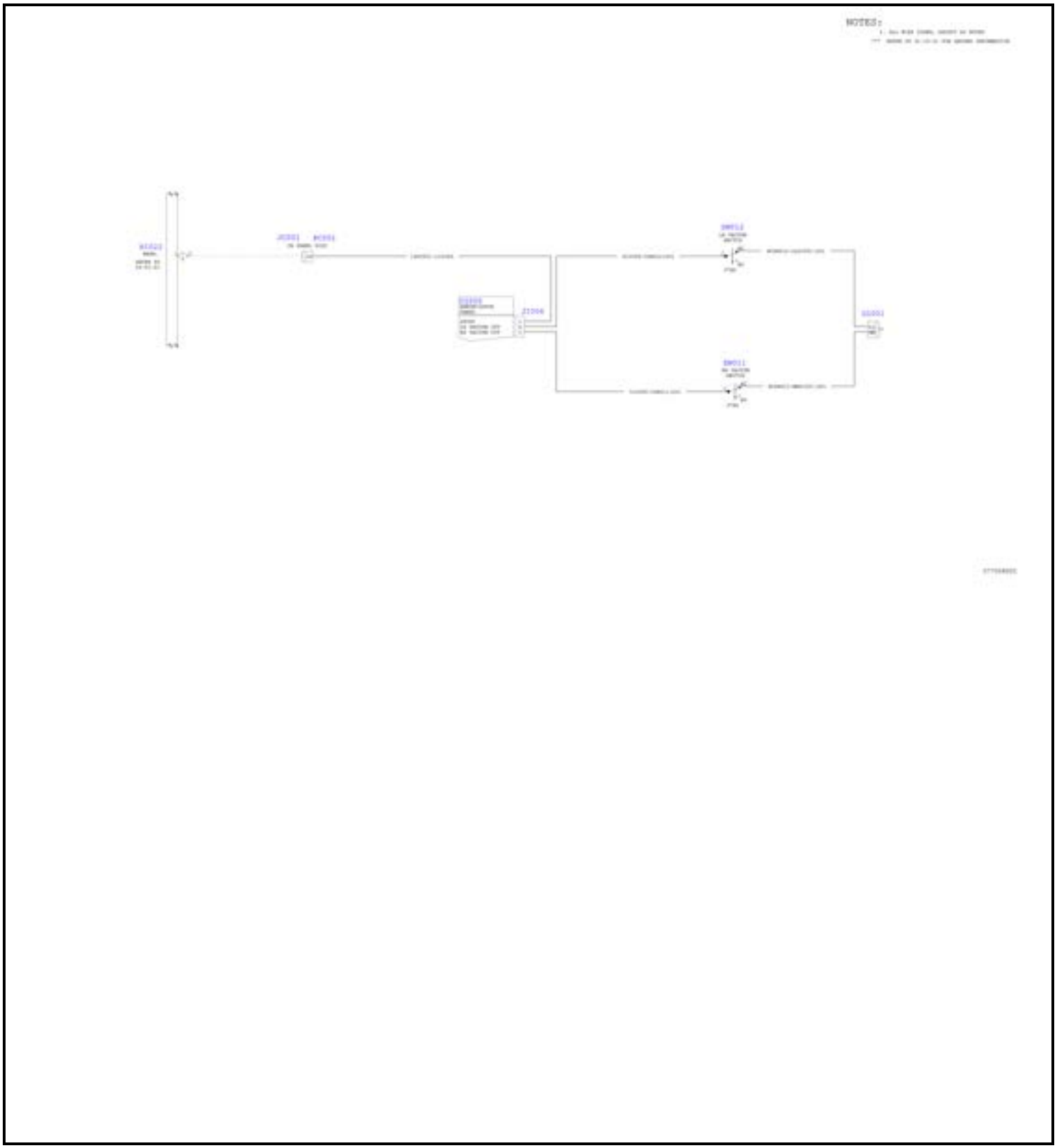
VACUUM OUT WARNING

AIRPLANES (182) 80945 & ON AND AIRPLANES (T182) 08001 & ON WITHOUT NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GI001	200838-2	GROUND BLOCK (ZONE 211)	V00779	(182) 80945 & ON (T182) 08001 & ON	01
	S2099-13	. CONTACT			02
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
HI022	S1360-5L	CIRCUIT BREAKER (ZONE 224)		(182) 80945 & ON (T182) 08001 & ON	01
JC001	S2349-5	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(182) 80945 & ON (T182) 08001 & ON	01
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
JI006	770585-1	CONNECTOR (ZONE 225)	V00779	(182) 80945 & ON (T182) 08001 & ON	01
	170365-3	. CONTACT	V00779	(182) 80001 - 80944	AR
	S3556-26	. CONTACT		(182) 80945 & ON	AR
PC001	S2350-10	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(182) 80945 & ON (T182) 08001 & ON	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
SN011		SWITCH - VACUUM (ZONE 120)			RF
SN012		SWITCH - VACUUM (ZONE 120)			RF
UI005		ANNUNCIATOR PANEL			RF

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Figure 02 : Sheet 01 : VACUUM OUT WARNING



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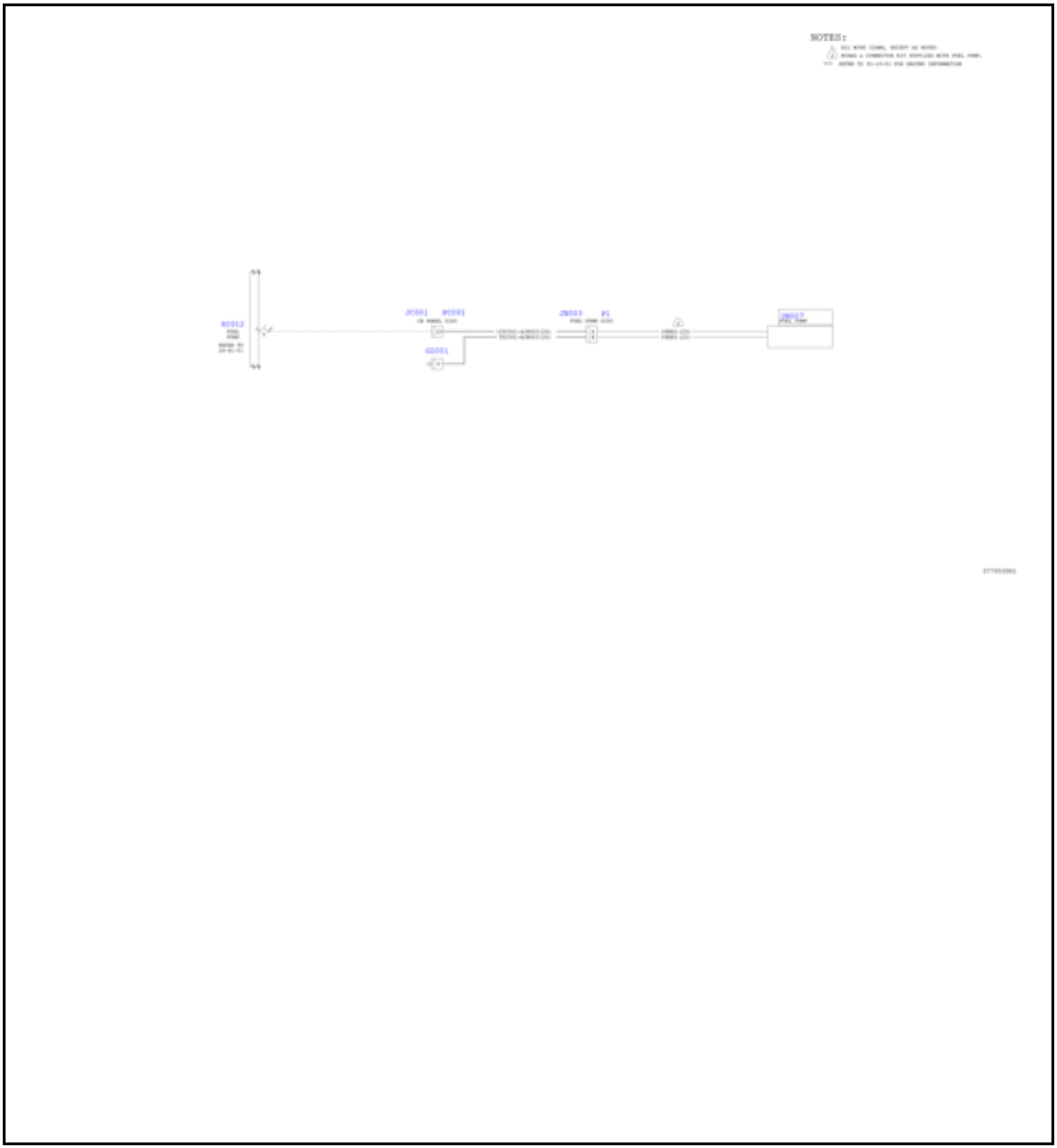
FUEL PUMP

AIRPLANES (182) 80001 THRU 80944

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GI001	200838-2	GROUND BLOCK (ZONE 211)	V00779	(182) 80001 - 80944	01
	S2099-13	. CONTACT			02
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
HI012	CM3589-5	CIRCUIT BREAKER (ZONE 224)		(182) 80001 - 80944	01
JC001	S2349-5	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(182) 80001 - 80944	01
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
JN003	KTKSAD2022F150X2	CONNECTOR KIT (ZONE 120)	V1F242	(182) 80001 - 80944	01
P1	S1640-6	CONNECTOR - DIMMING MODULE (ZONE 222)		(182) 80001 - 80944	01
	S1635-1	. CONTACT	V49367	(182) 08481 & ON (182) 81742 & ON	AR
PC001	S2350-10	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(182) 80001 - 80944	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
UN007		PUMP - FUEL			RF

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Figure 01 : Sheet 01 : FUEL PUMP



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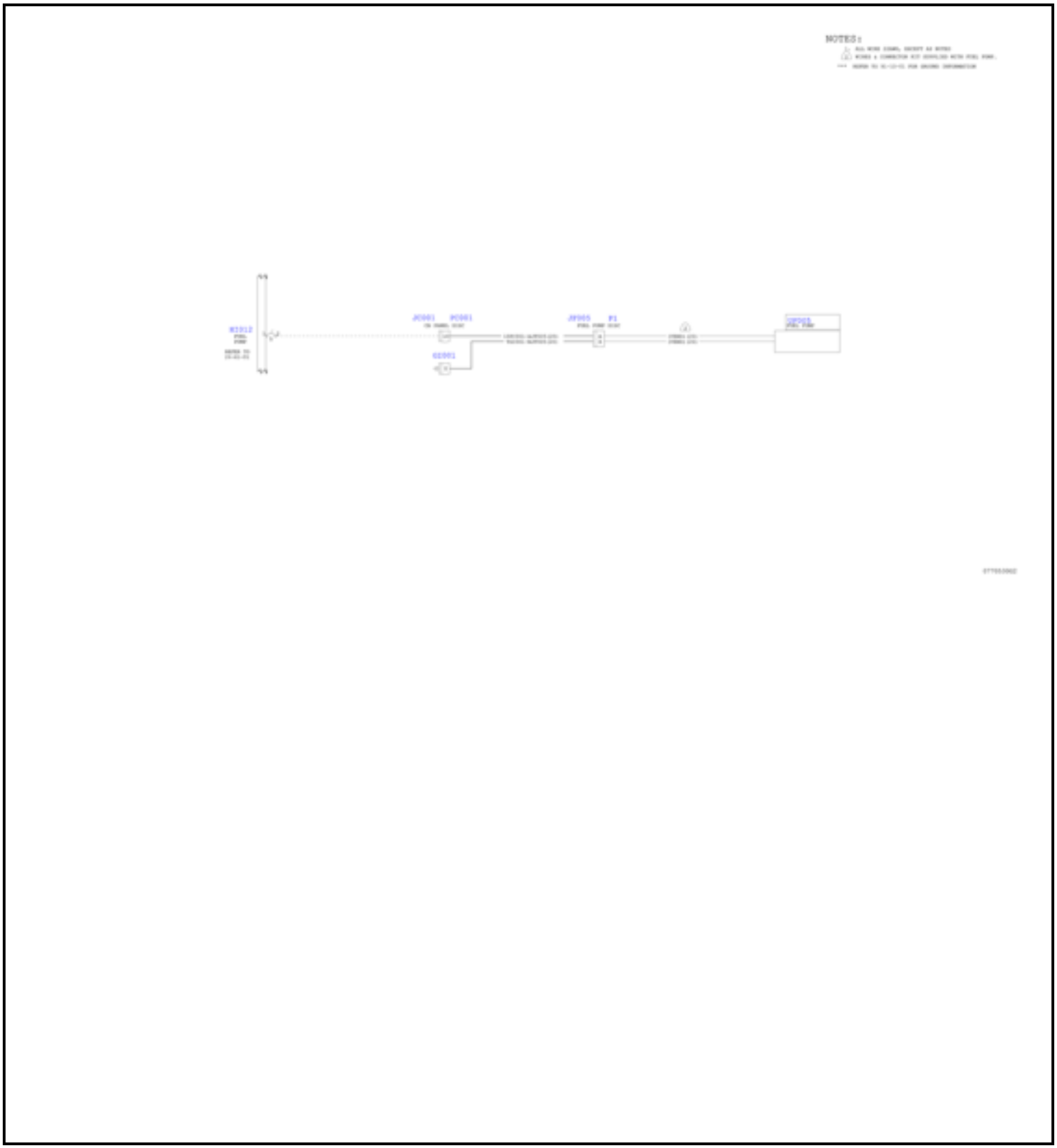
FUEL PUMP

AIRPLANES (182) 80945 & ON AND AIRPLANES (T182) 08001 & ON WITHOUT NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GI001	200838-2	GROUND BLOCK (ZONE 211)	V00779	(182) 80945 & ON (T182) 08001 & ON	01
	S2099-13	. CONTACT			02
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
HI012	CM3589-5	CIRCUIT BREAKER (ZONE 224)		(182) 80945 & ON (T182) 08001 & ON	01
JC001	S2349-5	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(182) 80945 & ON (T182) 08001 & ON	01
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
JF005	KTKSAD2022F150X2	CONNECTOR KIT - FUEL PUMP (ZONE 120)	V1F242	(182) 80945 & ON (T182) 08001 & ON	01
P1	S1640-6	CONNECTOR - DIMMING MODULE (ZONE 222)		(182) 80945 & ON (T182) 08001 & ON	01
	S1635-1	. CONTACT	V49367	(182) 08481 & ON (182) 81742 & ON	AR
PC001	S2350-10	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(182) 80945 & ON (T182) 08001 & ON	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
UF005		FUEL PUMP			RF

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Figure 02 : Sheet 01 : FUEL PUMP



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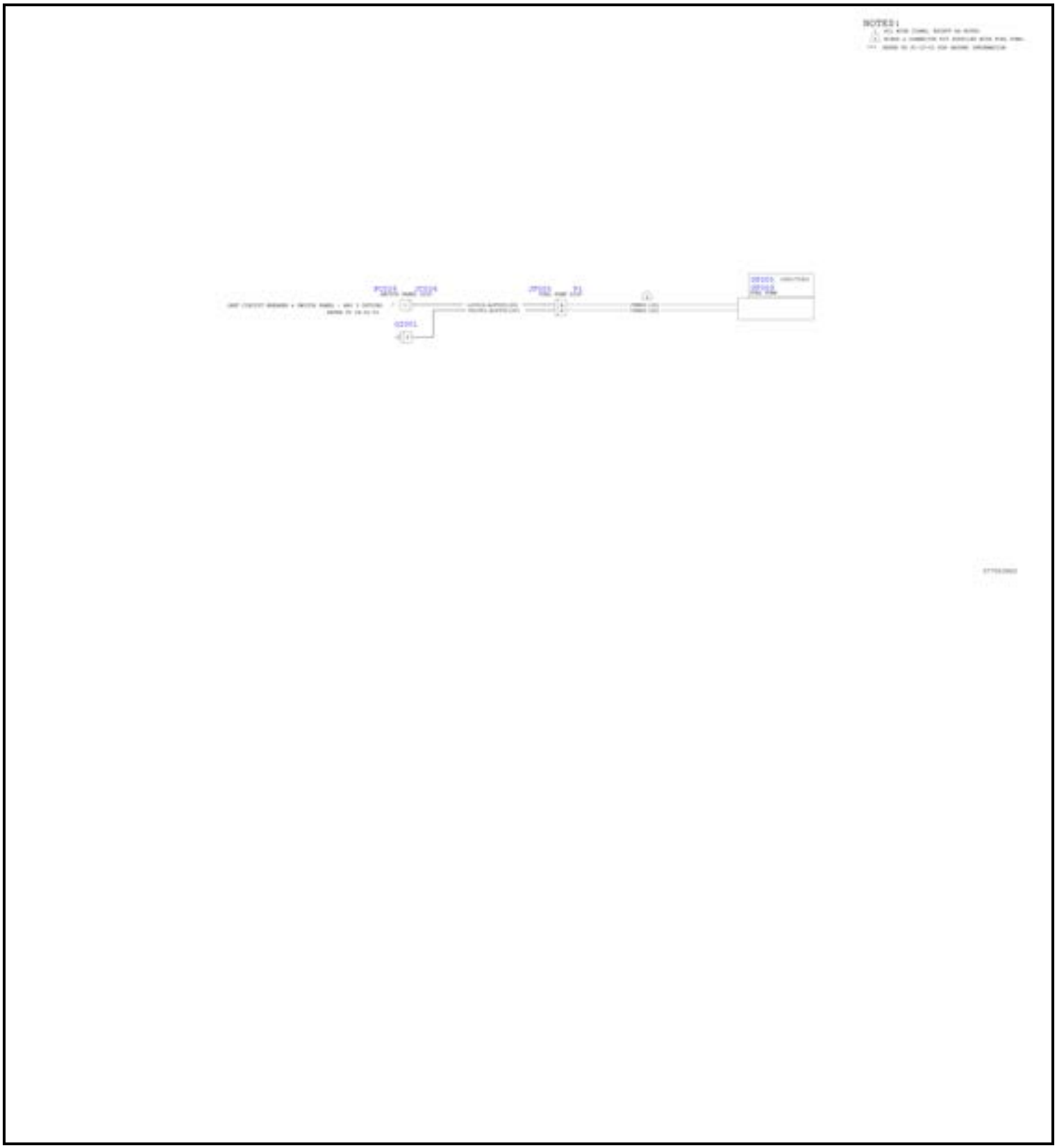
FUEL PUMP W/NAV III

AIRPLANES (182) 81318 & ON WITH NAV III OPTION AND AIRPLANES (T182) 08232 & ON WITH NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GI001	200838-2	GROUND BLOCK (ZONE 211)	V00779	(182) 81318 & ON (T182) 08232 & ON	01
	S2099-13	. CONTACT			02
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
JC026	S2350-3	HOUSING - RECEPTACLE (ZONE 220)		(182) 81318 & ON (T182) 08232 & ON	01
	S2353-4	. CONTACT			AR
	S2353-6	. CONTACT		(182) 81318 - 82280	AR
	S3373-1	. CONTACT			AR
	S2353-5	. PIN			AR
JF005	KTKSAD2022F150X2	CONNECTOR KIT - FUEL PUMP (ZONE 120)	V1F242	(182) 81318 & ON (T182) 08232 & ON	01
P1	S1640-6	CONNECTOR - DIMMING MODULE (ZONE 222)		(182) 81318 & ON (T182) 08232 & ON	01
	S1635-1	. CONTACT	V49367	(182) 08481 & ON (182) 81742 & ON	AR
PC026	S2349-1	CONNECTOR - PLUG	V00779	(182) 81318 & ON (T182) 08232 & ON	01
	S2099-13	. CONTACT		(182) 81318 - 82280 (T182) 08232 - 09023	02
	S2099-3	. CONTACT			02
	S2099-4	. CONTACT	V00779		09
	S3373-2	. CONTACT - SOCKET			02
UF005		FUEL PUMP			RF
UF009		FUEL PUMP			RF

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



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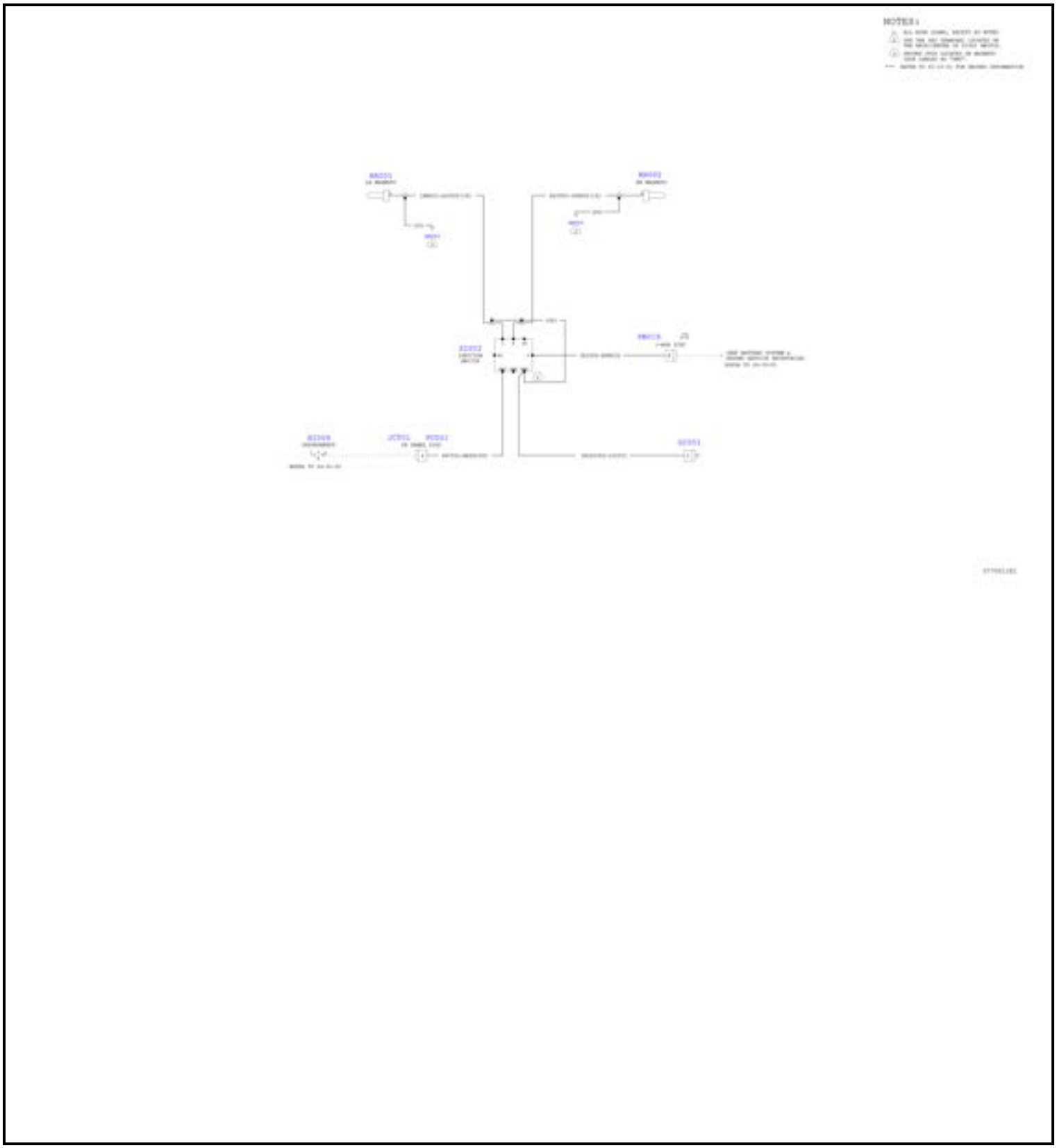
MAGNETO SYSTEM

AIRPLANES (182) 80001 THRU 80944

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GI001	200838-2	GROUND BLOCK (ZONE 211)	V00779	(182) 80001 - 80944	01
	S2099-13	. CONTACT			02
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
GN004		GROUND (ZONE 211)			RF
GN005		GROUND - MAGNETO			RF
HI009	S1360-5L	CIRCUIT BREAKER (ZONE 224)		(182) 80001 - 80944	01
JC001	S2349-5	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(182) 80001 - 80944	01
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
PB018	S2800-274	CONNECTOR - POWER JUNCTION BOX (ZONE 121)		(182) 80001 - 80944	01
PC001	S2350-10	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(182) 80001 - 80944	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
RN001	MS25171-1S	NIPPLE - LEFT MAGNETO (ZONE 120)	V96906	(182) 80001 - 80944	01
RN002	MS25171-1S	NIPPLE - RIGHT MAGNETO (ZONE 120)	V96906	(182) 80001 - 80944	01
SI002		SWITCH - IGNITION			RF

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Figure 01 : Sheet 01 : MAGNETO SYSTEM



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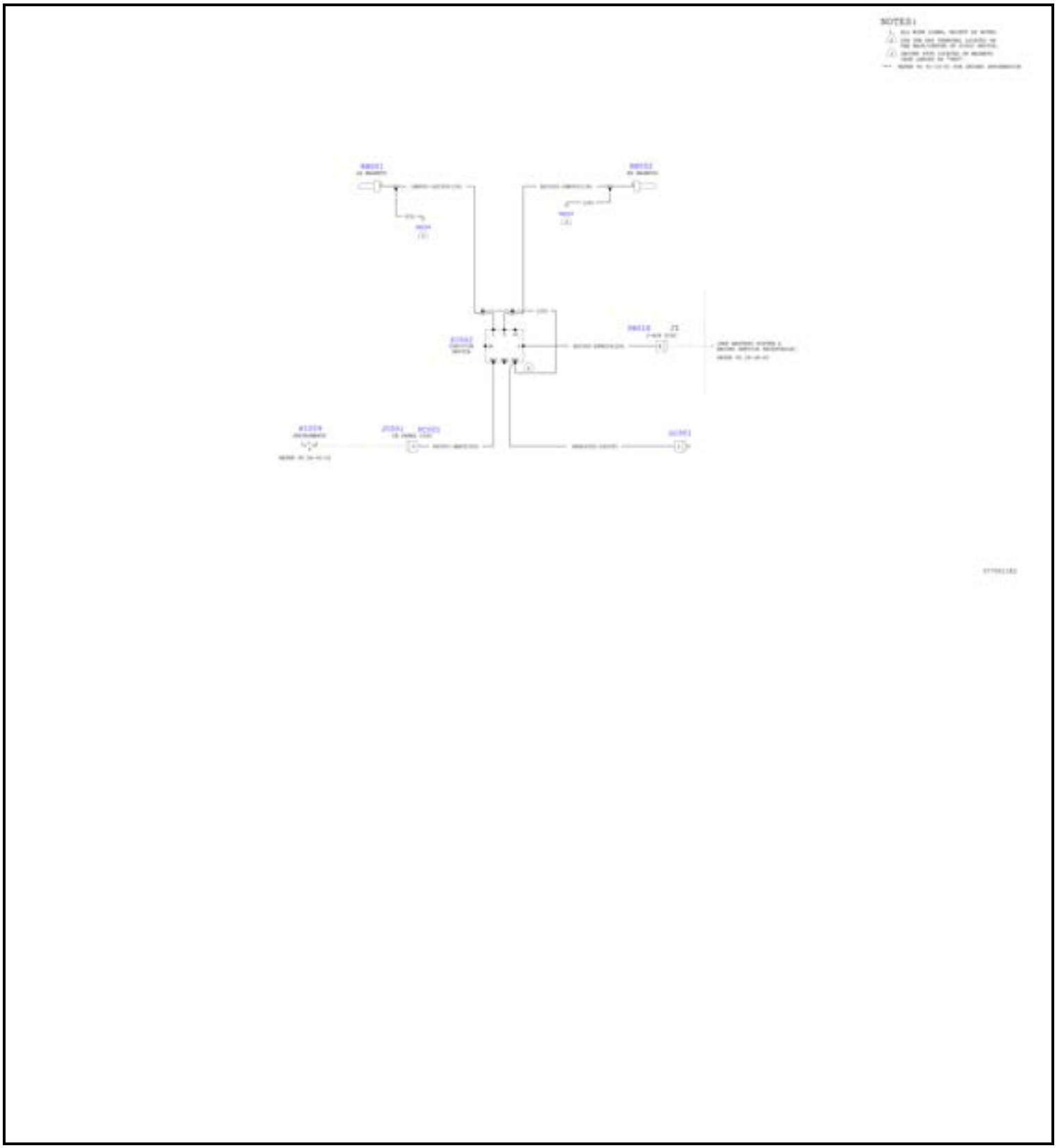
MAGNETO SYSTEM

AIRPLANES (182) 80945 & ON AND AIRPLANES (T182) 08001 & ON WITHOUT NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GI001	200838-2	GROUND BLOCK (ZONE 211)	V00779	(182) 80945 & ON (T182) 08001 & ON	01
	S2099-13	. CONTACT			02
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
GN004		GROUND (ZONE 211)			RF
GN005		GROUND - MAGNETO			RF
HI009	S1360-5L	CIRCUIT BREAKER (ZONE 224)		(182) 80945 & ON (T182) 08001 & ON	01
JC001	S2349-5	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(182) 80945 & ON (T182) 08001 & ON	01
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
PB018	S2800-274	CONNECTOR - POWER JUNCTION BOX (ZONE 121)		(182) 80945 & ON (T182) 08001 & ON	01
PC001	S2350-10	CONNECTOR - CIRCUIT BREAKER PANEL DISCONNECT (ZONE 224)		(182) 80945 & ON (T182) 08001 & ON	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
RN001	MS25171-1S	NIPPLE - LEFT MAGNETO (ZONE 120)	V96906	(182) 80945 & ON (T182) 08001 & ON	01
RN002	MS25171-1S	NIPPLE - RIGHT MAGNETO (ZONE 120)	V96906	(182) 80945 & ON (T182) 08001 & ON	01
SI002		SWITCH - IGNITION			RF

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Figure 02 : Sheet 01 : MAGNETO SYSTEM



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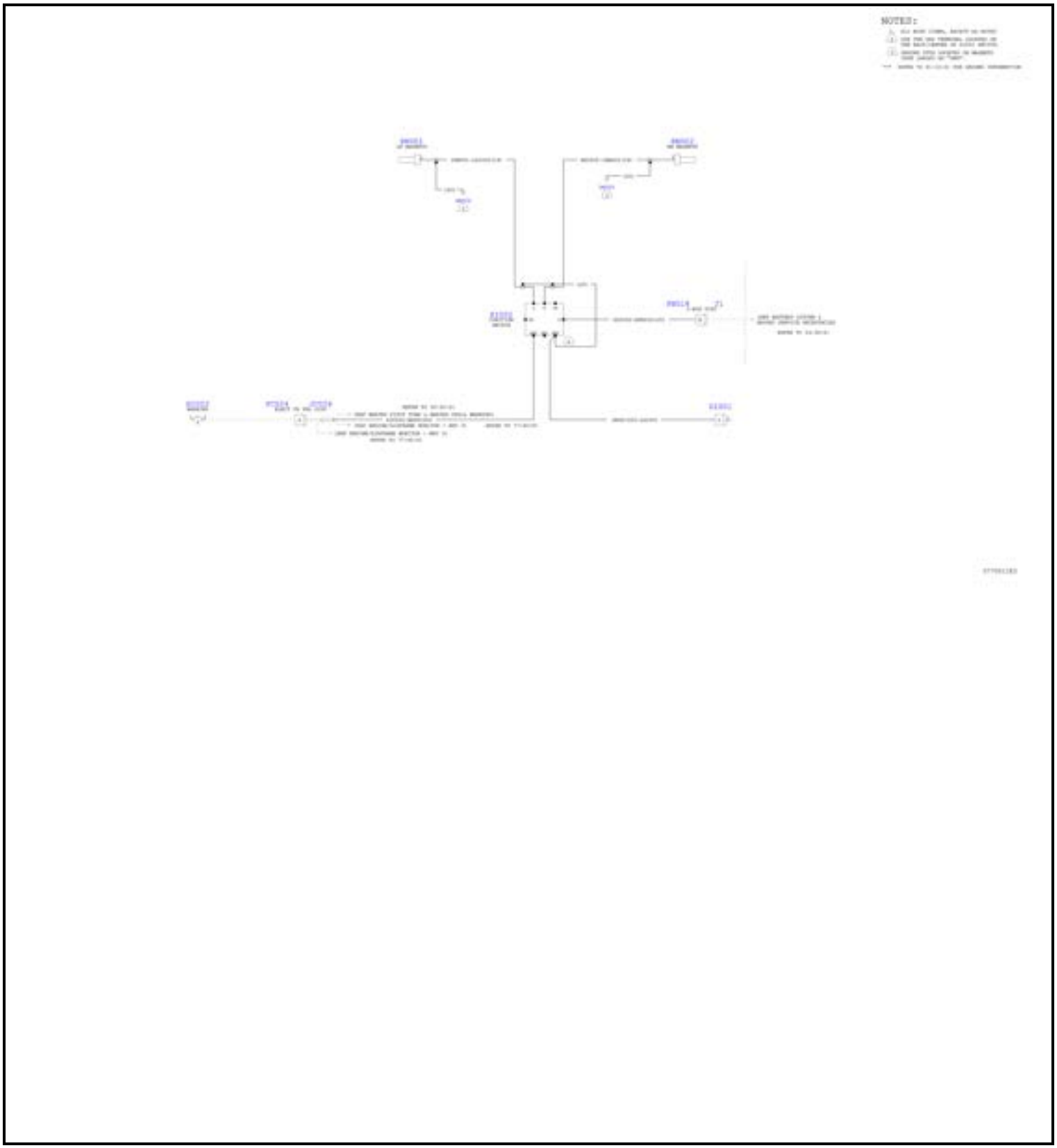
MAGNETO SYSTEM W/NAV III

AIRPLANES (182) 81318 & ON WITH NAV III OPTION AND AIRPLANES (T182) 08232 & ON WITH NAV III OPTION

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
GI001	200838-2	GROUND BLOCK (ZONE 211)	V00779	(182) 81318 & ON (T182) 08232 & ON	01
	S2099-13	. CONTACT			02
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
GN004		GROUND (ZONE 211)			RF
GN005		GROUND - MAGNETO			RF
HI022	S1360-5L	CIRCUIT BREAKER (ZONE 224)		(182) 81318 & ON (T182) 08232 & ON	01
J1	S2035-1	HOUSING - POWER JUNCTION BOX DISCONNECT		(182) 81318 & ON (T182) 08232 & ON	01
	S1635-1	. PIN	V49367		AR
JC024	S2350-4	RECEPTACLE (ZONE 220)	V00779	(182) 81318 & ON (T182) 08232 & ON	01
	S2353-4	. CONTACT			01
	S2353-5	. PIN			01
PB018	S2800-274	CONNECTOR - POWER JUNCTION BOX (ZONE 121)		(182) 81318 & ON (T182) 08232 & ON	01
PC024	S2349-3	PLUG (ZONE 220)		(182) 81318 & ON (T182) 08232 & ON	01
	S2099-3	. CONTACT			01
	S2099-4	. CONTACT	V00779		01
RN001	MS25171-1S	NIPPLE - LEFT MAGNETO (ZONE 120)	V96906	(182) 81318 & ON (T182) 08232 & ON	01
RN002	MS25171-1S	NIPPLE - RIGHT MAGNETO (ZONE 120)	V96906	(182) 81318 & ON (T182) 08232 & ON	01
SI002		SWITCH - IGNITION			RF

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Figure 03 : Sheet 01 : MAGNETO SYSTEM W/NAV III



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GROUNDS AND CONNECTOR CHARTS - DESCRIPTION AND OPERATION

Index

Ref Des	Mate
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GI001	GROUND
GL001	GROUND
GL010	GROUND
GL100	GROUND
GN004	GROUND
GR002	GROUND
GR010	GROUND
GS100	GROUND
GS300	GROUND
GS301	GROUND
GS302	GROUND
GS309	GROUND
GS901	GROUND
GS902	GROUND
GV001	GROUND
GV004	GROUND
J1	PB018
J2	PB019
J3	P3
JB017	PB017
JB018	PB018
JB019	PB019
JB023	PB023
JC001	PC001
JC002	PC002
JC003	PC003
JC004	PC004
JC005	PC005
JC007	PC007
JC008	PC008
JC009	PC009
JC010	PC010
JC011	PC011
JC012	PC012
JC013	PC013
JC014	PC014

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JC036	PC036
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JC038	PC038
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PL012	JL012
PL020	JL020
PL021	JL021
PL301	JL301
PL302	JL302
PL900	JL900
PM300	JM300
PN001	JN001
PN003	JN003
PN004	JN004
PN005	JN005
PN006	JN006
PN007	JN007
PN009	JN009
PN011	JN011
PN012	JN012
PN013	JN013
PN014	JN014
PN015	JN015
PN016	JN016
PN017	JN017
PN018	JN018
PN019	JN019
PN020	JN020
PN021	JN021
PN022	JN022
PN023	JN023
PN025	JN025
PN028	JN028

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Ref Des	Mate
PN033	JN033
PN034	JN034
PN035	JN035
PN036	JN036
PN037	JN037
PN038	JN038
PN039	JN039
PR001	JR001
PR002	JR002
PR003	JR003
PR004	JR004
PR005	JR005
PR006	JR006
PR007	JR007
PR010	JR010
PR011	JR011
PR013	JR013
PR020	JR020
PR022	JR022
PR300	JR300
PR301	JR301
PR302	JR302
PR900	JR900
PR901	JR901
PS300	JS300
PS301	JS301
PS900	JS900
PT001	JT001
PT005	JT005
PT007	JT007
PT300	JT300
PT301	JT301
PT302	JT302
PT303	JT303
PT304	JT304
PT305	JT305
PT306	JT306
PT307	JT307

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Ref Des	Mate
PT308	JT308
PT309	JT309
PT311	JT311
PT312	JT312
PT313	JT313
PT314	JT314
PT315	JT315
PT316	JT316
PT317	JT317
PT401	JT401
PT402	JT402
PT403	JT403
PT502	JT502
PT700	JT700
PT702	JT702
PT705	JT705
PT707	JT707
PT708	JT708
PT710	JT710
PT711	JT711
PT712	JT712
PT800	JT800
PT805	JT805
PT900	JT900
PT901	JT901
PT902	GROUND
PT903	GROUND
PT905	JT905
PV001	JV001
PV003	JV003
PV004	JV004
PV005	JV005
PZ900	JZ900
PZ905	JZ905

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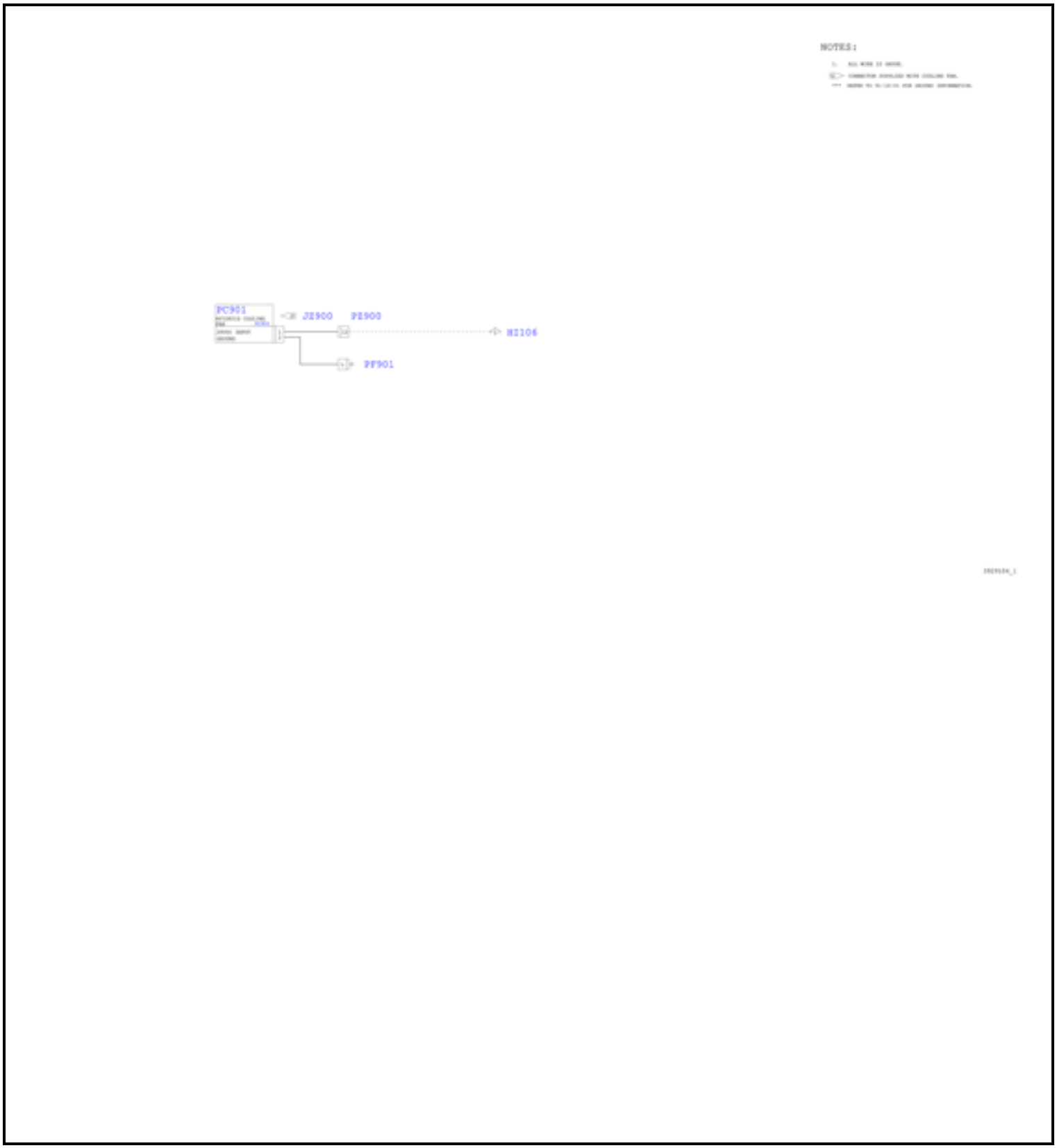
AVIONICS COOLING FAN

AIRPLANES (182) 80001 THRU 80003

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
HI106	S1360-5L	CIRCUIT BREAKER (ZONE 224)		(182) 80001 - 80003	01
JZ900	S2350-3	CONNECTOR (ZONE 220/225)		(182) 80001 - 80003	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PC901	03-06-1023	CONNECTOR - SUPPLIED WITH VENDOR KIT (ZONE 220)	V27264	(182) 80001 - 80003	01
	S2216-4	. CONTACT	V27264		AR
PF901	S2526-1	CONNECTOR (ZONE 221)	V00779	(182) 80001 - 80003	01
	S2099-4	. CONTACT	V00779		AR
PZ900	S2349-1	CONNECTOR - AVIONICS CIRCUIT BREAKER	V00779	(182) 80001 - 80003	01
	S2099-3	. CONTACT			AR
	S2099-4	. CONTACT	V00779		AR
UC901		HORN			RF

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Figure 01 : Sheet 01 : AVIONICS COOLING FAN



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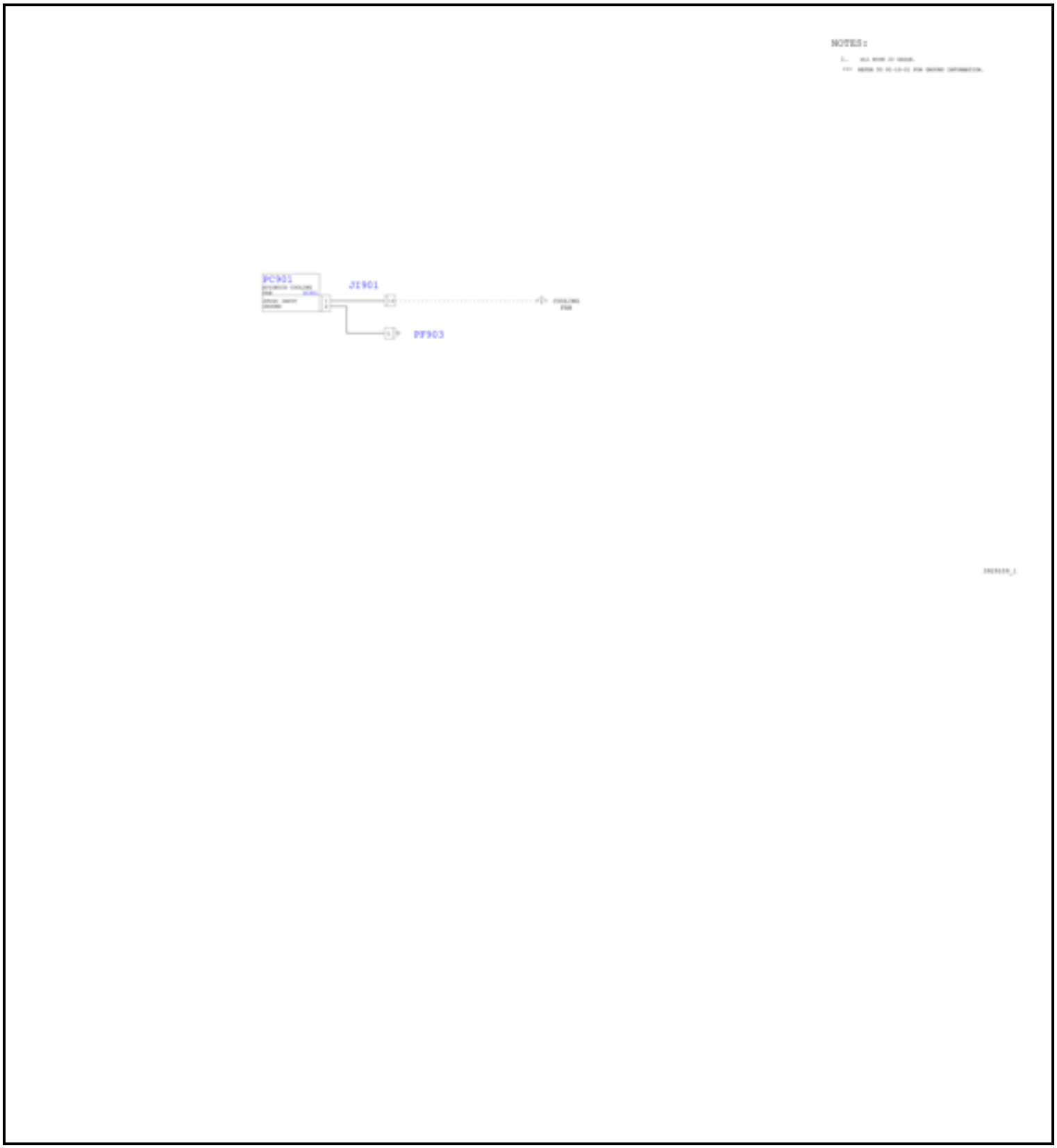
AVIONICS COOLING FAN

AIRPLANES (182) 80004 THRU 80944

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
JI901	S2350-3	CONNECTOR - AVIONICS COOLING FAN		(182) 80004 - 80944	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PC901	03-06-1023	CONNECTOR - SUPPLIED WITH VENDOR KIT (ZONE 220)	V27264	(182) 80004 - 80944	01
	S2216-4	. CONTACT	V27264		AR
PF903	SK2701	CONNECTOR (ZONE 221)	V28198	(182) 80004 - 80944	01
	FC120N2	. CONTACT	V28198		AR
UC901		HORN			RF

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Figure 02 : Sheet 01 : AVIONICS COOLING FAN



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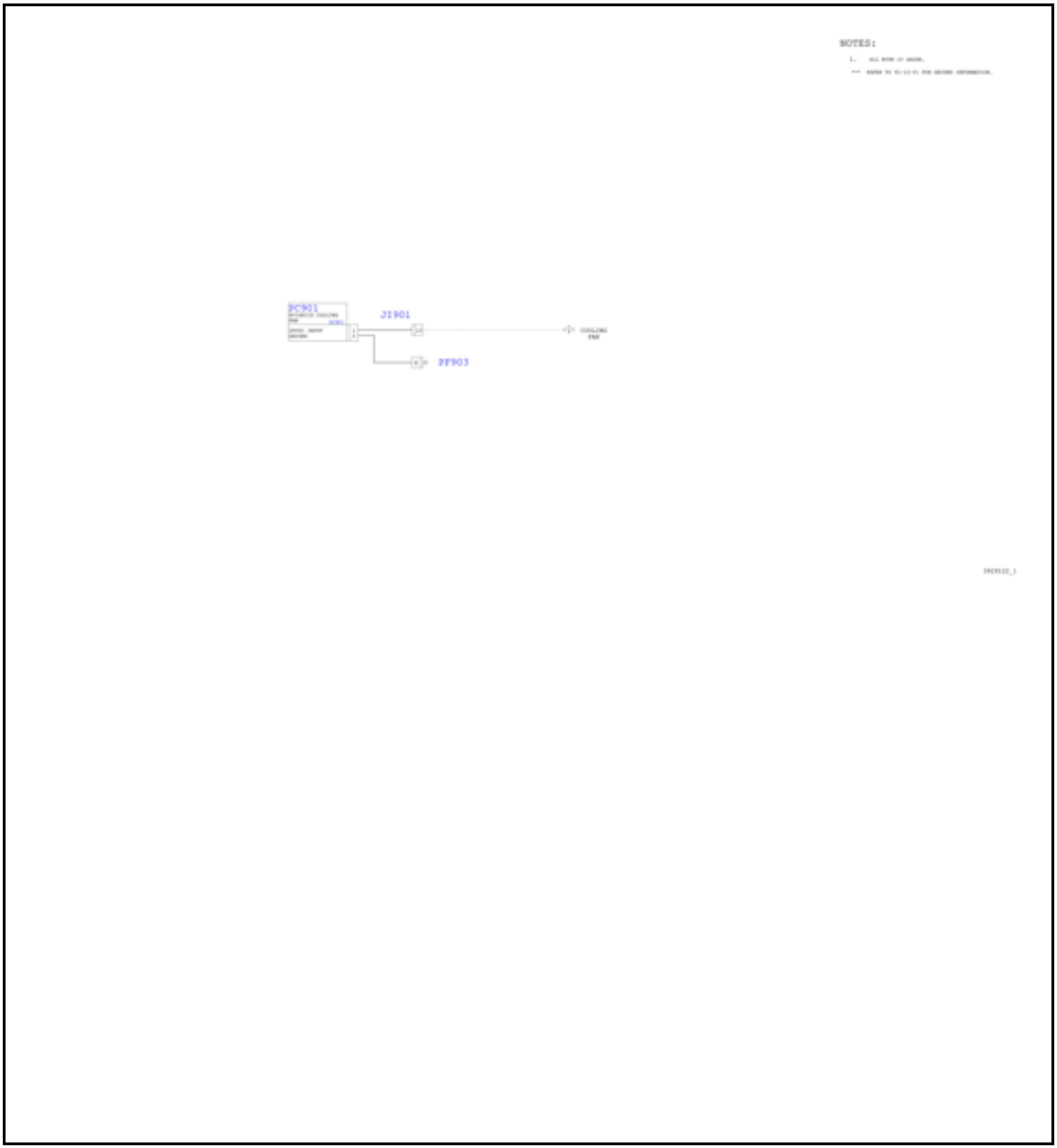
AVIONICS COOLING FAN

AIRPLANES (182) 80945 & ON

REF DES	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7		EFFECTIVITY	UNITS PER ASSY
JI901	S2350-3	CONNECTOR - AVIONICS COOLING FAN		(182) 80945 & ON	01
	S2353-4	. CONTACT			AR
	S2353-5	. CONTACT			AR
PC901	03-06-1023	CONNECTOR - SUPPLIED WITH VENDOR KIT (ZONE 220)	V27264	(182) 80945 & ON	01
	S2216-4	. CONTACT	V27264		AR
PF903	SK2701	CONNECTOR (ZONE 221)	V28198	(182) 80945 & ON	01
	FC120N2	. CONTACT	V28198		AR
UC901		HORN			RF

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Figure 03 : Sheet 01 : AVIONICS COOLING FAN



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