

B E E C H C R A F T
BARON 58P
W I R I N G D I A G R A M M A N U A L

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FOR
CHAPTER 21-00-00 ENVIRONMENTAL SYSTEMS

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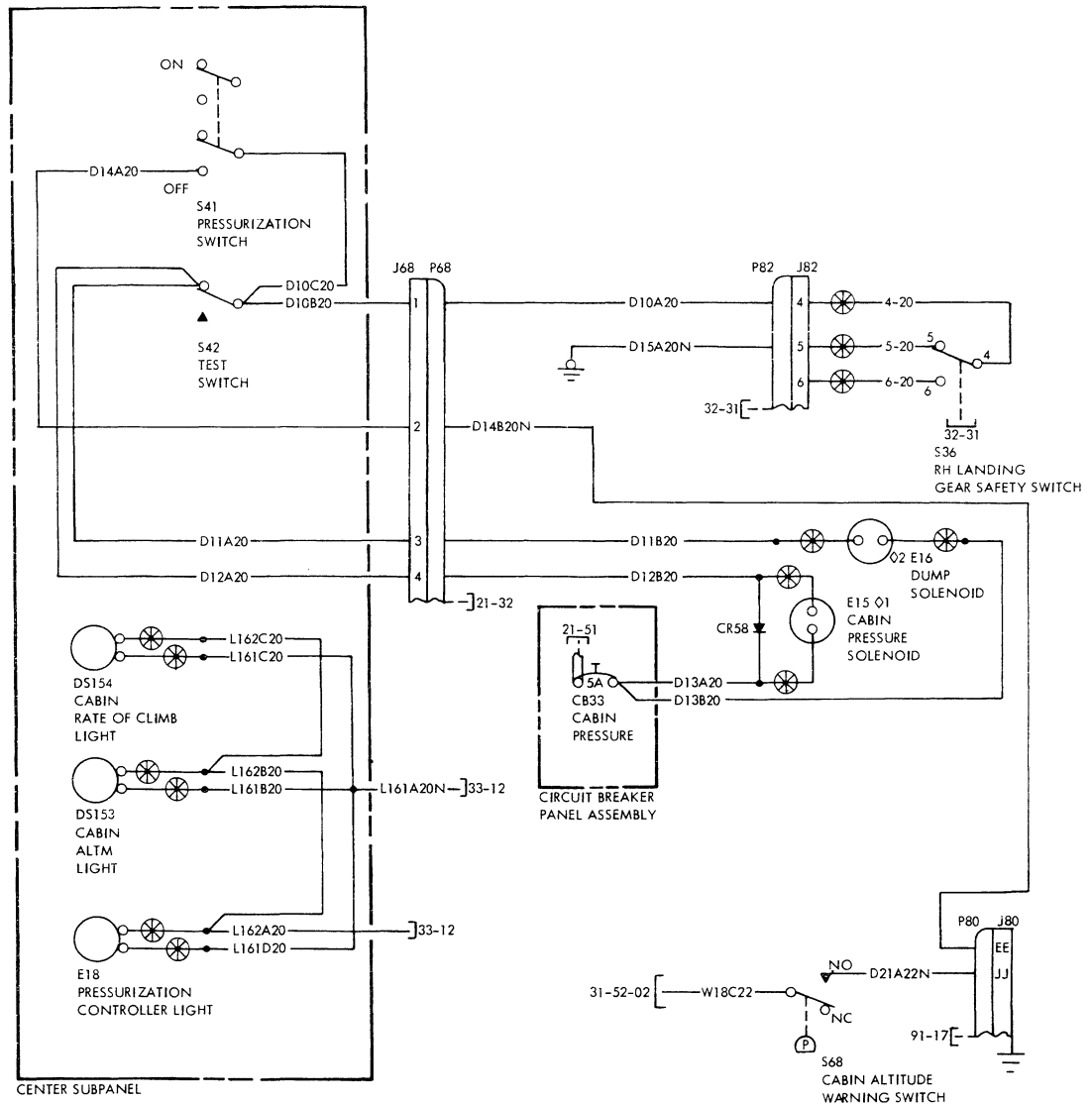
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21-31-01
PRESSURIZATION CONTROL-CABIN

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GAMA/ATA CODE & REF DES	PART NO.	DESCRIPTION	UNITS		USABLE ON CODE
			PER ASSY	INSTL ZONE	
31-01-CB33	7277-2-5	CIRCUIT BREAKER,CABIN PRESSURE.	1	251	
-CR58	IN4005	DIODE,CABIN PRESSURE SOLENOID	1	232	
-DS153	58-380022-13	LIGHT TRAY,CABIN ALTITUDE INDICATOR	1	240	
-DS153	267	. LAMP.	2	240	
-DS154	58-380022-13	LIGHT TRAY,CABIN RATE OF CLIMB INDICATOR.	1	240	
-DS154	267	. LAMP.	2	240	
-E15	101-380018-1	SOLENOID,CABIN PRESSURE VALVE	1	231	
-E16	3303-00-7	SOLENOID,DUMP VALVE/ALT FOR 3302-00-11,17780, .	1	252	
		OR 101-380019-1 SOLENOID/			
-E16	3302-00-11	SOLENOID,DUMP VALVE/ALT FOR 3303-00-7,17780,. .	1	252	
		OR 101-380019-1 SOLENOID/			
-E16	17780	SOLENOID,DUMP VALVE/ALT FOR 3302-00-11,3303-. .	1	252	
		00-7,AND 101-380019-1/			
-E16	101-380019-1	SOLENOID,DUMP VALVE/ALT FOR 3302-00-11,3303-. .	1	252	
		00-7 OR 17780 SOLENOID/			
-E18	130374-17	CONTROLLER,PRESSURIZATION/INTERNALLY LIGHTED/ .	1	240	
-J68	207018-1	RECEPTACLE HOUSING,PRESSURIZATION SWITCH ASSY .	1	231	
-J68	66103-2	PIN CONTACT	AR	231	
-J80		RECEPTACLE,INSTRUMENT PANEL GROUNDING/SEE . . .	1	231	
		CHAPTER 91/			
-J82	206036-3	RECEPTACLE HOUSING,RH LANDING GEAR SAFETY SW. .	1	740	
-J82	66103-2	PIN CONTACT	AR	740	
-J82	206070-1	STRAIN RELIEF CLAMP	1	740	
-P68	207017-1	PLUG HOUSING,PRESSURIZATION SWITCH ASSY	1	231	
-P68	66105-2	SOCKET CONTACT.	AR	231	
-P80		PLUG,INSTRUMENT PANEL GROUNDING/SEE CHAP.91/. .	1	231	
-P82	206037-1	PLUG HOUSING,RH LANDING GEAR SAFETY SWITCH. . .	1	740	
-P82	66105-2	SOCKET CONTACT.	AR	740	
-P82	206070-1	STRAIN RELIEF CLAMP	1	740	
-S36	444EN49-6	SWITCH,RH LANDING GEAR SAFETY	1	740	
	102-364001-27	SWITCH ASSY,CABIN PRESSURIZATION.	NP	240	
-S41	MTL206N	. SWITCH,PRESSURIZATION	2	240	
-S42	MPE106F-C22R	SWITCH,TEST	1	240	
-S68	101-384028-1	SWITCH,CABIN ALTITUDE WARNING/BAROMETRIC/ . . .	1	232	

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◇2 NORMALLY CLOSED.
◇1 NORMALLY OPEN (AIR).

P R E S S U R I Z A T I O N C O N T R O L - C A B I N

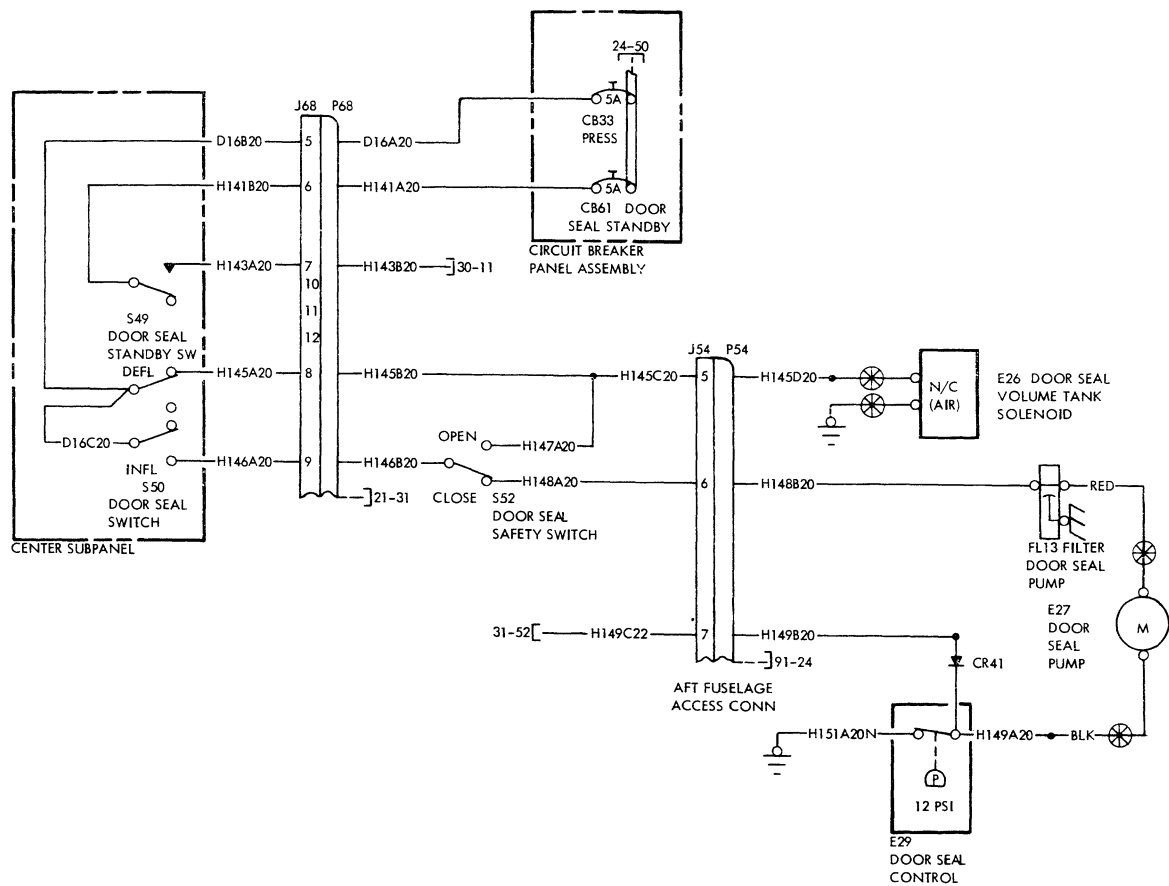
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21-32-01
PRESSURIZATION CONTROL-DOOR SEAL SYSTEM

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GAMA/ATA CODE & REF DES	PART NO.	DESCRIPTION	UNITS			USABLE ON CODE
			1	2	3	
32-01-CB33	7277-2-5	CIRCUIT BREAKER,CABIN PRESSURE/SEE CH 24/	.	.	.	1 251
-CB61	7277-2-5	CIRCUIT BREAKER,DOOR SEAL STANDBY	.	.	.	1 251
-CR41	1N4005	DIODE	.	.	.	1 310
-E26	3303-00-7	SOLENOID,DOOR SEAL VOLUME TANK/ALTERNATE.	.	.	.	1 310
		FOR 3302-00-11,OR 17780/				
-E26	3302-00-11	SOLENOID,DOOR SEAL VOLUME TANK/ALTERNATE.	.	.	.	1 310
		FOR 3303-00-7/				
-E26	17780	SOLENOID,DOOR SEAL VOLUME TANK/ALTERNATE.	.	.	.	1 310
		FOR 3303-00-7 OR 3302-00-11/				
-E27	405ADC38-24-828	PUMP,DOOR SEAL AIR.	.	.	.	1 310
-E29	P266G3N-F7L	CONTROL,DOOR SEAL PRESSURE.	.	.	.	1 310
-FL13	A1437	FILTER,DOOR SEAL PUMP RF.	.	.	.	1 310
-J54		RECEPTACLE,AFT FUSELAGE ACCESS/SEE CHAPTER 91/.	.	.	.	1 160
-J68	207018-1	RECEPTACLE HOUSING,PRESSURIZATION SWITCH.	.	.	.	1 232
-J68	66103-2	PIN CONTACT	.	.	.	AR 232
-P54		PLUG,AFT FUSELAGE ACCESS/SEE CHAPTER 91/.	.	.	.	1 310
-P68	207017-1	PLUG HOUSING,PRESSURIZATION SWITCH.	.	.	.	1 231
-P68	66105-2	SOCKET CONTACT.	.	.	.	AR 231
	102-364001-27	SWITCH ASSY,PRESSURIZATION.	.	.	.	1 240
-S49	MPE106F-C22R	. SWITCH,DOOR SEAL STANDBY.	.	.	.	1 240
-S50	MTL206N	. SWITCH,DOOR SEAL.	.	.	.	1 240
-S52	102-364013-3	SWITCH ASSY,DOOR SEAL SAFETY.	.	.	.	1 820
-S52	1SMIT	. SWITCH.	.	.	.	1 320
-S52	JS221	. ACTUATOR.	.	.	.	1 820

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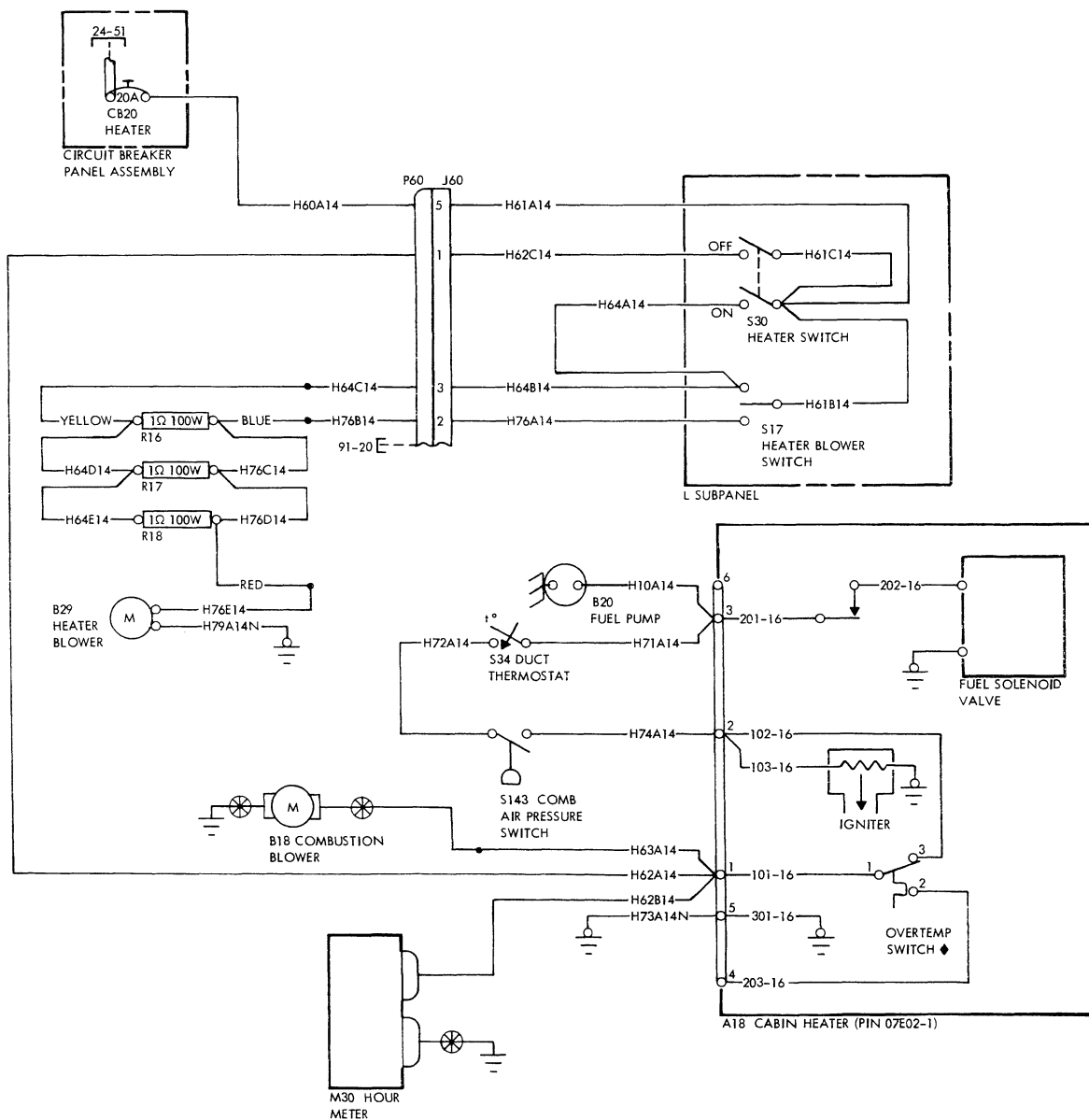
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21-41-01
HEATING

B E E C H C R A F T
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GAMA/ATA CODE & REF DES	PART NO.	DESCRIPTION	UNITS			USABLE
		1 2 3 4 5 6 7	PER ASSY	INSTL ZONE	ON CODE	
41-01-A18	102-384026-1	HEATER ASSY,CABIN	1	710		
-A18	07E02-1	. HEATER,CABIN.	1	710		
-B18	83D91-1	BLOWER,COMBUSTION AIR	1	110		
-B20	476284	FUEL PUMP	1	710		
-B29	102-384031-1	BLOWER ASSY,HEATER.	1	131		
-CB20	MS24510-20	CIRCUIT BREAKER,HEATER.	1	251		
-J60		RECEPTACLE,SUBPANEL DISCONNECT/SEE CHAPTER 91/.	1	231		
-M30	35-380138-5	METER,HEATER HOUR	1	210		
-P60		PLUG,SUBPANEL DISCONNECT/SEE CHAPTER 91/.	1	231		
-R16	0600C	RESISTOR.	1	132		
-R17	0600C	RESISTOR.	1	132		
-R18	0600C	RESISTOR.	1	132		
-S17	35-380053-29	SWITCH,HEATER BLOWER.	1	240		
-S30	35-380053-7	SWITCH,HEATER	1	240		
-S34	G714127	THERMOSTAT,DUCT	1	132		
-S143	A42D36	SWITCH,COMBUSTION AIR PRESSURE/ALTERNATE.	1	110		
		FOR R76B1G12/				
-S143	R76B1G12	SWITCH,COMBUSTION AIR PRESSURE/ALTERNATE.	1	110		
		FOR A42D36/				

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♦ MECHANICAL RESET SWITCH.

HEATING

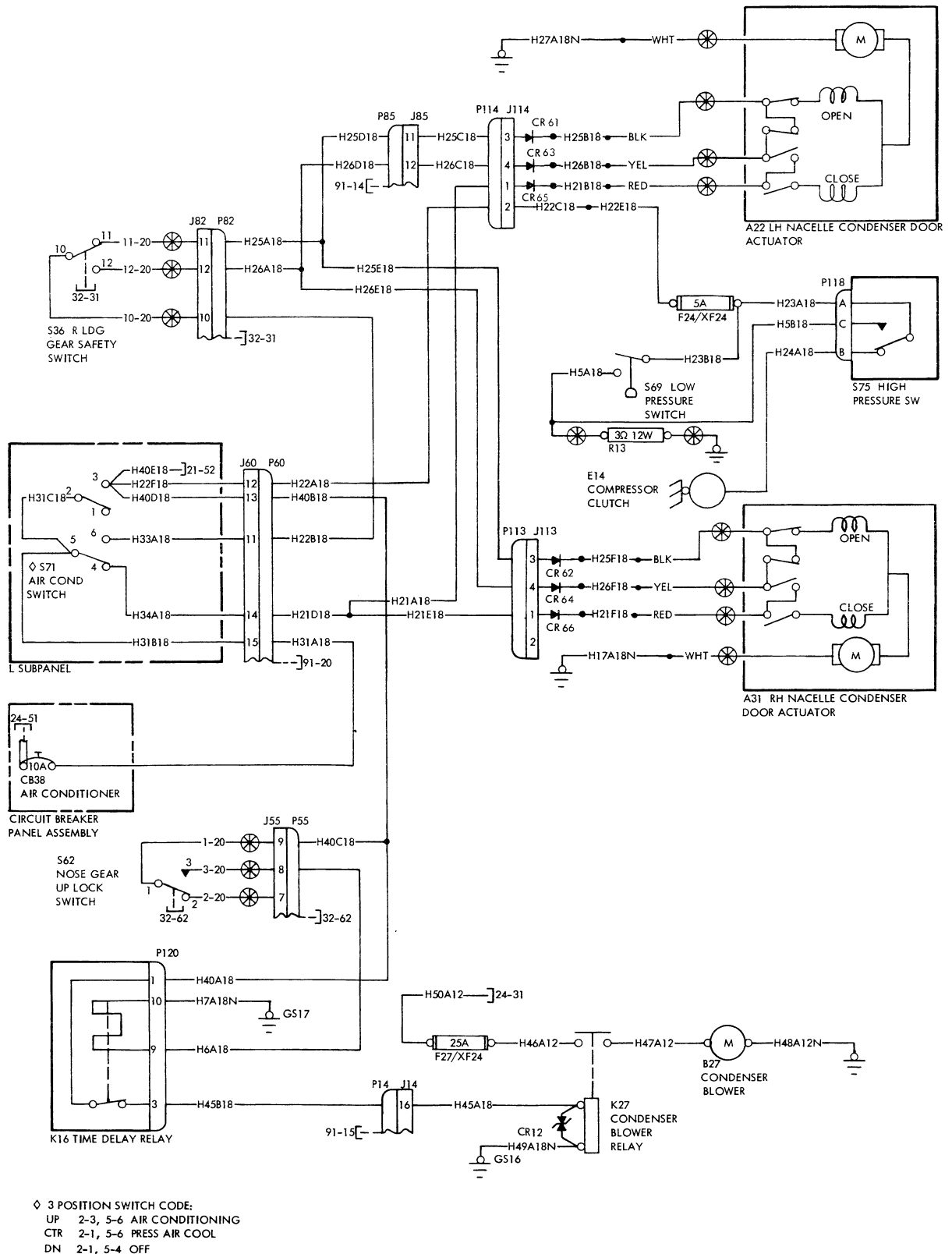
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21-51-01
AIR CONDITIONING/OPTIONAL/

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GAMA/ATA CODE & REF DES	PART NO.	DESCRIPTION	UNITS		USABLE ON CODE
			PER ASSY	INSTL ZONE	
51-01-A22	58-380080-1	ACTUATOR,LH NACELLE CONDENSER DOOR-AIR SCOOP. . .	1	522	
-A31	58-380080-1	ACTUATOR,RH NACELLE CONDENSER DOOR-AIR SCOOP. . .	1	621	
-B27	58-380081-1	BLOWER,CONDENSER.	1	521	
-CB38	7277-2-10	CIRCUIT BREAKER,AIR CONDITIONER	1	251	
-CR12	1.5KE51CA	TRANSZORB,AIR COND CONDENSER BLOWER RELAY . . .	1	521	
-CR61	1N5400	DIODE	1	531	
-CR62	1N5400	DIODE	1	631	
-CR63	1N5400	DIODE	1	531	
-CR64	1N5400	DIODE	1	631	
-CR65	1N5400	DIODE	1	531	
-CR66	1N5400	DIODE	1	631	
-E14	102-389006-9	CLUTCH,COMPRESSOR/PART OF 102-389006-1 COMP/. .	1	410	
-F24	AGC5	FUSE.	1	522	
-F27	ABC25	FUSE.	1	522	
-GS16	131270-3	GROUNDING STUD.	1	522	
-GS17	131270-3	GROUNDING STUD.	1	132	
-J14		RECEPTACLE,LH LEADING EDGE/SEE CHAPTER 91/. . .	1	521	
-J55	207810-1	RECEPTACLE HOUSING,NOSE GEAR LIMIT SWITCH . . .	1	131	
-J55	66103-2	PIN CONTACT	AR	131	
-J60		RECEPTACLE,SUBPANEL DISCONNECT/SEE CHAPTER 91/. .	1	231	
-J82	206036-3	RECEPTACLE HOUSING,RH LANDING GEAR.	1	740	
-J82	66103-2	PIN CONTACT	AR	740	
-J82	66099-2	PIN CONTACT	AR	740	
-J82	606070-1	STRAIN RELIEF CLAMP	1	740	
-J85		RECEPTACLE,CROSSOVER DISCONNECT/SEE CHAPTER 91/. .	1	150	
-J113	206153-1	RECEPTACLE HOUSING,RH NACELLE DOOR ACTUATOR . .	1	140	
-J113	66099-2	PIN CONTACT	AR	140	
-J113	206062-1	STRAIN RELIEF CLAMP	1	140	
-J114	206153-1	RECEPTACLE HOUSING,LH NACELLE DOOR ACTUATOR . .	1	140	
-J114	66099-2	PIN CONTACT	AR	140	
-J114	206062-1	STRAIN RELIEF CLAMP	1	140	
-K16	TLR117300	RELAY,TIME DELAY/ALTERNATE FOR TNR117300/. . .	1	132	
-K16	TNR117300	RELAY,TIME DELAY/ALTERNATE FOR TSR117300/. . .	1	132	
-K27	MS24166D1	RELAY,CONDENSER BLOWER.	1	521	
-P14		PLUG,LH LEADING EDGE/SEE CHAPTER 91/.	1	521	
-P55	207579-1	PLUG HOUSING,NOSE GEAR LIMIT SWITCH	1	131	
-P55	66105-2	SOCKET CONTACT.	AR	131	
-P60		PLUG,SUBPANEL DISCONNECT/SEE CHAPTER 91/.	1	231	
-P82	206037-1	PLUG HOUSING,RH LANDING GEAR.	1	740	
-P82	66101-2	SOCKET CONTACT.	AR	740	
-P82	66105-2	SOCKET CONTACT.	AR	740	
-P82	206070-1	STRAIN RELIEF CLAMP	1	740	
-P85		PLUG,CROSSOVER DISCONNECT/SEE CHAPTER 91/.	1	150	
-P113	206060-1	PLUG HOUSING,RH NACELLE DOOR ACTUATOR	1	140	
-P113	66101-2	SOCKET CONTACT.	AR	140	
-P113	206062-1	STRAIN RELIEF CLAMP	1	140	
-P114	206060-1	PLUG HOUSING.	1	140	
-P114	66101-2	SOCKET CONTACT.	AR	140	
-P114	206062-1	STRAIN RELIEF CLAMP	1	140	
-P118	MS3108A14S7S	PLUG,HIGH PRESSURE SWITCH	1	521	
-P120	S-4	PLUG,TIME DELAY RELAY/BLADE CONNECTOR/.	1	132	
-R13	3742	RESISTOR,AIR CONDITIONER PRESSURE SWITCH.	1	521	
-S36	444EN49-6	SWITCH,RH LANDING GEAR SAFETY	1	740	
-S62	100-381006-1	SWITCH,NOSE GEAR UP LOCK.	1	131	
-S69	M4009-7	SWITCH,LOW PRESSURE	1	522	
-S71	35-380053-29	SWITCH,AIR CONDITIONING	1	240	
-S75	60-389026-1	SWITCH,HIGH PRESSURE.	1	521	
-XF24	4522	FUSEHOLDER,CONDENSER BLOWER & HIGH PRESS SW/. .	1	521	

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AIR CONDITIONING/OPTIONAL/

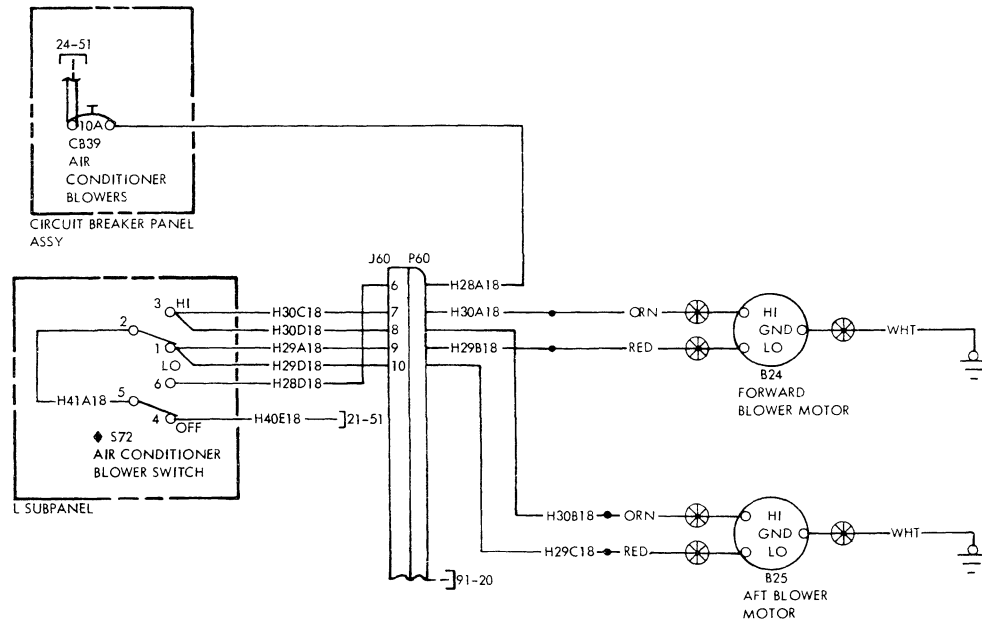
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21-52-01
BLOWERS-AIR CONDITIONER/OPTIONAL/

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GAMA/ATA CODE & REF DES	PART NO.	DESCRIPTION	UNITS		USABLE ON CODE
			PER ASSY	INSTL ZONE	
52-01-B24	1523218-2	MOTOR, FORWARD BLOWER.	1	140	
-B25	1523218-2	MOTOR, AFT BLOWER.	1	310	
-CB39	7277-2-10	CIRCUIT BREAKER, AIR CONDITIONER BLOWERS	1	251	
-J60		RECEPTACLE, SUBPANEL DISCONNECT/SEE CHAPTER 91/. . . .	1	231	
-P60		PLUG, SUBPANEL DISCONNECT/SEE CHAPTER 91/. . . .	1	231	
-S72	35-380053-29	SWITCH, AIR CONDITIONER BLOWER	1	240	

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◆ 3 POSITION SWITCH CODE:
2-3, 5-6 (HIGH)
2-1, 5-6 (LOW)
2-1, 5-4 (OFF)

BLOWERS-AIR CONDITIONER/OPTIONAL/

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23-11-01	3	12/09/83	
23-51-01	1	12/09/83.	AUDIO INTEGRATING-CABIN SPEAKER
23-51-01	2	12/09/83	
23-51-01	3	12/09/83	

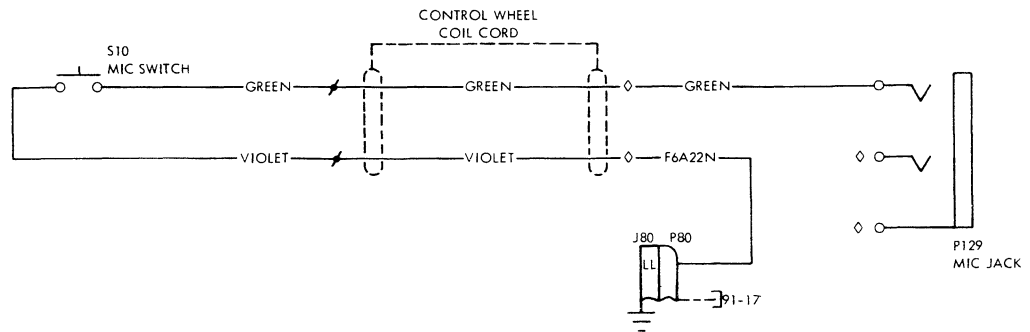
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23-11-01
GENERAL-MIC SWITCH CONTROL WHEEL/OPTIONAL/

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GAMA/ATA CODE & REF DES	PART NO.	DESCRIPTION	UNITS			USABLE ON CODE
			1	2	3	
11-01-J80		RECEPTACLE, INST PANEL GROUNDING/SEE CH 91/. . .	1	231		
-P80		PLUG, INST PANEL GROUNDING/SEE CHAPTER 91/ . . .	1	231		
-P129	JJ-033	JACK, MIC.	1	251		
-S10	BW90018	SWITCH, MIC.	1	240		

B E E C H C R A F T
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◇ REFERENCE APPROPRIATE AVIONICS DRAWING FOR
MODE OF CONNECTION.

GENERAL-MIC SWITCH CONTROL WHEEL/OPTIONAL/

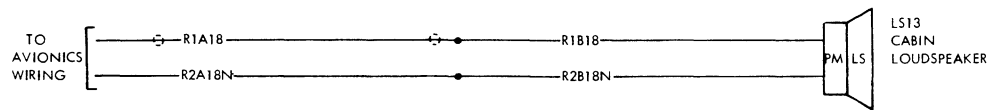
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23-51-01
AUDIO INTEGRATING-CABIN SPEAKER

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GAMA/ATA CODE & REF DES	PART NO.	DESCRIPTION	UNITS			USABLE ON CODE
			1	2	3	
			4	5	6	7
51-01-LS13	A4GFC	LOUDSPEAKER,CABIN/ALTERNATE FOR T5712/.	1			253
-LS13	T5712	LOUDSPEAKER,CABIN/ALTERNATE FOR A4GFC/.	1			253

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AUDIO INTEGRATING-CABIN SPEAKER

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24-31-01	2	12/09/83	
24-31-01	3	12/09/83	
24-31-02	1	12/09/83.	DC GENERATION
24-31-02	2	12/09/83	RH ALTERNATOR & REGULATOR,PAGES 2 AND 3
24-31-02	3	12/09/83	LOW VOLTAGE DETECTOR PC BOARD,PAGES 4 AND 5
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24-32-01	2	12/09/83	
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24-41-01	2	12/09/83	
24-41-01	3	12/09/83	
24-51-01	1	12/09/83.	ELECTRICAL LOAD DIST-CIRCUIT BREAKER ASSEMBLY . .
24-51-01	2	12/09/83	
24-51-01	3	12/09/83	
24-52-01	1	12/09/83.	ELECTRICAL LOAD DISTRIBUTION-ISOLATION BUS/OPT/ .
24-52-01	2	12/09/83	
24-52-01	3	12/09/83	
24-53-01	1	12/09/83.	ELECTRICAL LOAD DISTRIBUTION-AVIONICS MASTER. . .
24-53-01	2	12/09/83	/OPTIONAL/
24-53-01	3	12/09/83	
24-53-02	1	12/09/83.	ELECTRICAL LOAD DISTRIBUTION.
24-53-02	2	12/09/83	AVIONICS GROUND COMMUNICATIONS/OPTIONAL/
24-53-02	3	12/09/83	

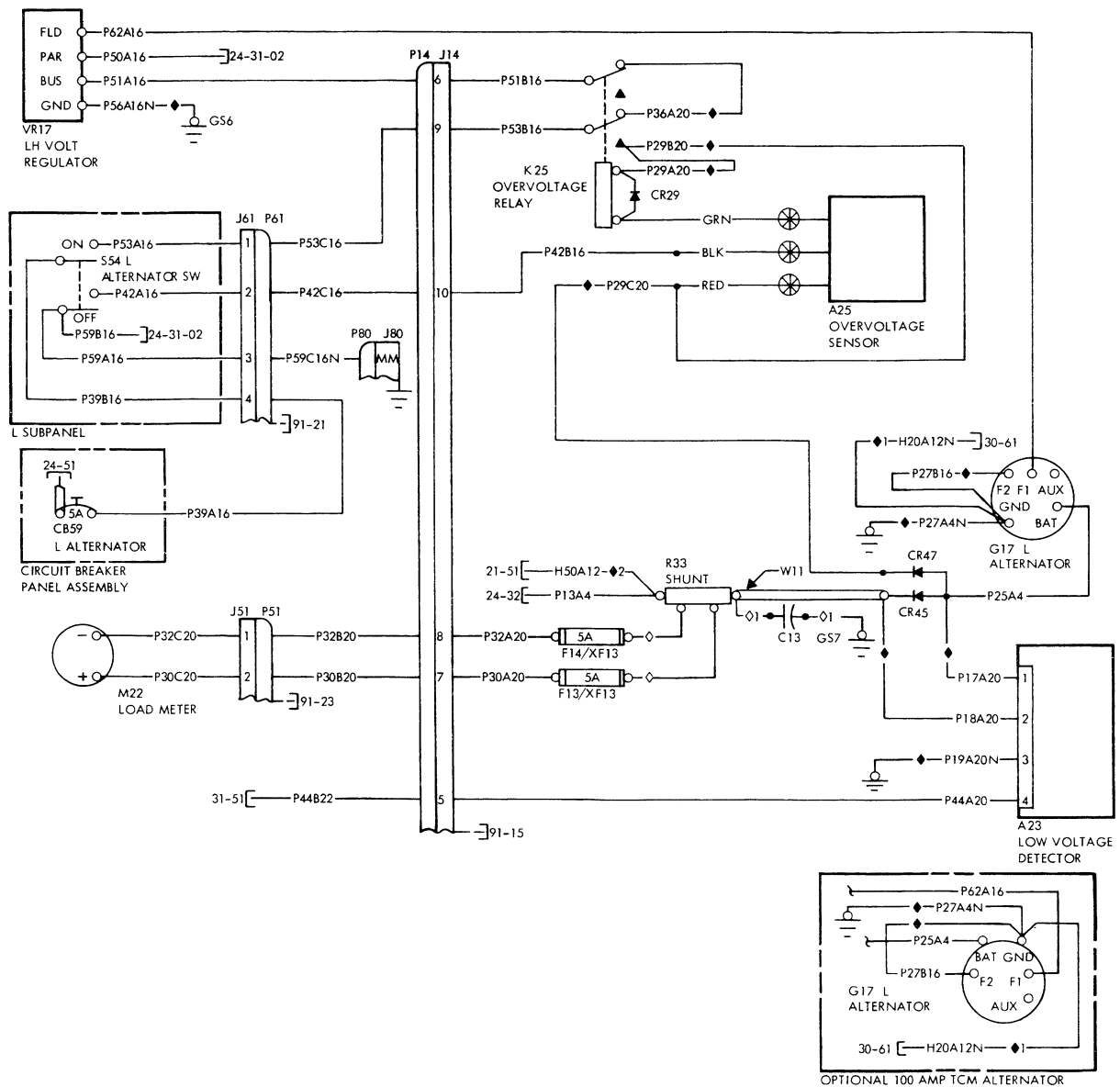
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24-31-01
DC GENERATION-LH ALTERNATOR & REGULATOR

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GAMA/ATA CODE & REF DES	PART NO.	DESCRIPTION	UNITS		USABLE ON CODE
			PER ASSY	INSTL ZONE	
31-01	102-360017-43	SENSOR ASSY,LH VOLTAGE/60 AMP/	1	522	
-A23	102-364026-9	. BOX ASSY,LOW VOLTAGE SENSOR	1	522	
-A23	102-364026-11	. . BOX	1	522	
-A23	411-4904-4	. . TERMINAL BOARD.	1	522	
-A23	MS411-1904-4	. . STRIP,TERMINAL IDENTIFICATION	1	522	
-A23	104-364030-3	. . PC BOARD/SEE CHAP 24-31-02 PAGES 4 AND 5.	1	522	
		. . FOR PARTS LIST AND SCHEMATIC/			
-A25	B00305-1	. SENSOR,OVERVOLTAGE.	1	522	
-C13	TVLU1115	. CAPACITOR,ALTERNATOR RF FILTER.	1	522	
-CR29	1N4005	. DIODE,OVERVOLTAGE RELAY	1	522	
-CR45	60-369000-13	. RECTIFIER ASSY.	1	522	
-CR45	150L20A	. . RECTIFIER	1	522	
-CR45	B2547	. . HEAT SINK	1	522	
-CR45	N5330-2	. . INSULATOR	1	522	
-CR47	1N4005	. DIODE,OVERVOLTAGE SENSOR.	1	522	
-F13/F14	AGC5	. FUSE,LOADMETER/F13,F14 AND SPARE/	3	522	
-K25	50-380048-1	. RELAY,OVERVOLTAGE	1	522	
-R33	MLA60-50	. SHUNT	1	522	
-W11	102-360017-29	. BUS BAR	1	522	
-XF13	4532	. FUSE BLOCK.	1	522	
-J51	102-360017-45	SENSOR ASSY,LH VOLTAGE/OPTIONAL 100 AMP/.	1	522	
-A23	102-364026-9	. BOX ASSY,LOW VOLTAGE SENSOR	1	522	
-A23	102364026-11	. . BOX	1	522	
-A23	411-1904-4	. . TERMINAL BOARD.	1	522	
-A23	MS411-1904-4	. . STRIP,TERMINAL IDENTIFICATION	1	522	
-A23	104-364030-3	. . PC BOARD/SEE CHAP 24-31-02 PAGES 4 AND 5.	1	522	
		. . FOR PARTS LIST AND SCHEMATIC/			
-A25	B00305-1	. SENSOR,OVERVOLTAGE.	1	522	
-C13	TVLU1115	. CAPACITOR,ALTERNATOR RF FILTER.	1	522	
-CR29	1N4005	. DIODE,OVERVOLTAGE RELAY	1	522	
-CR45	60-369000-13	. RECTIFIER ASSY.	1	522	
-CR45	150L20A	. . RECTIFIER	1	522	
-CR45	B2547	. . HEAT SINK	1	522	
-CR45	N5330-2	. . INSULATOR	1	140	
-CR47	1N4005	. DIODE,OVERVOLTAGE SENSOR.	1	522	
-F13/F14	AGC5	. FUSE,LOAD METER/F13,F14 AND SPARE/.	3	522	
-K25	50-380048-1	. RELAY,OVERVOLTAGE	1	522	
-R33	MS9158606	. SHUNT,LOAD METER/ALTERNATE FOR MA751H100/	1	522	
-R33	MA75H100	. SHUNT,LOAD METER/ALTERNATE FOR MS91586-6/	1	522	
-W11	102-360017-29	. BUS BAR	1	522	
-XF13	4532	. FUSE BLOCK.	1	522	
-CB59	7277-2-5	CIRCUIT BREAKER,LH ALTERNATOR	1	252	
-G17	646490	ALTERNATOR,LH/60 AMP/	1	410	
-G17	646491	ALTERNATOR,LH/OPTIONAL 100 AMP/	1	410	
-GS6	131270-3	GROUNDING STUD.	1	270	
-GS7	131270-3	GROUNDING STUD.	1	522	
-J14/P14		CONNECTOR,LH LEADING EDGE/SEE CHAPTER 91/	1	521	
-J51/P51		CONNECTOR,INSTRUMENT PANEL/SEE CHAPTER 91/.	1	231	
-J61/P61		CONNECTOR,SUBPANEL/SEE CHAPTER 91/.	1	231	
-J80/P80		CONNECTOR,INST PANEL GROUNDING/SEE CH 91/	1	231	
-M22	102-380018-1	METER,LH LOAD/60 AMP/	1	240	
-M22	102-380020-1	METER,LH LOAD/OPTIONAL 100 AMP/	1	240	
-S54	35-380053-7	SWITCH,LH ALTERNATOR.	1	240	
-VR17	B00306-2	REGULATOR,LH VOLTAGE.	1	140	

BEECHCRAFT
BARON 58P
WIRING DIAGRAM MANUAL



- Ø1 JPR20 WIRE.
- ◆2 USED WITH OPTIONAL AIR CONDITIONING.
- ◆1 USED WITH ELECTRIC PROP DE-ICE OPTION.
- ◆ WIRE NUMBER DUPLICATED ON 24-31 FOR INTERCHANGEABILITY.
- ◇ AWG 14 GAGE JUMPERS ARE NOT TO EXCEED "4" INCHES IN LENGTH.

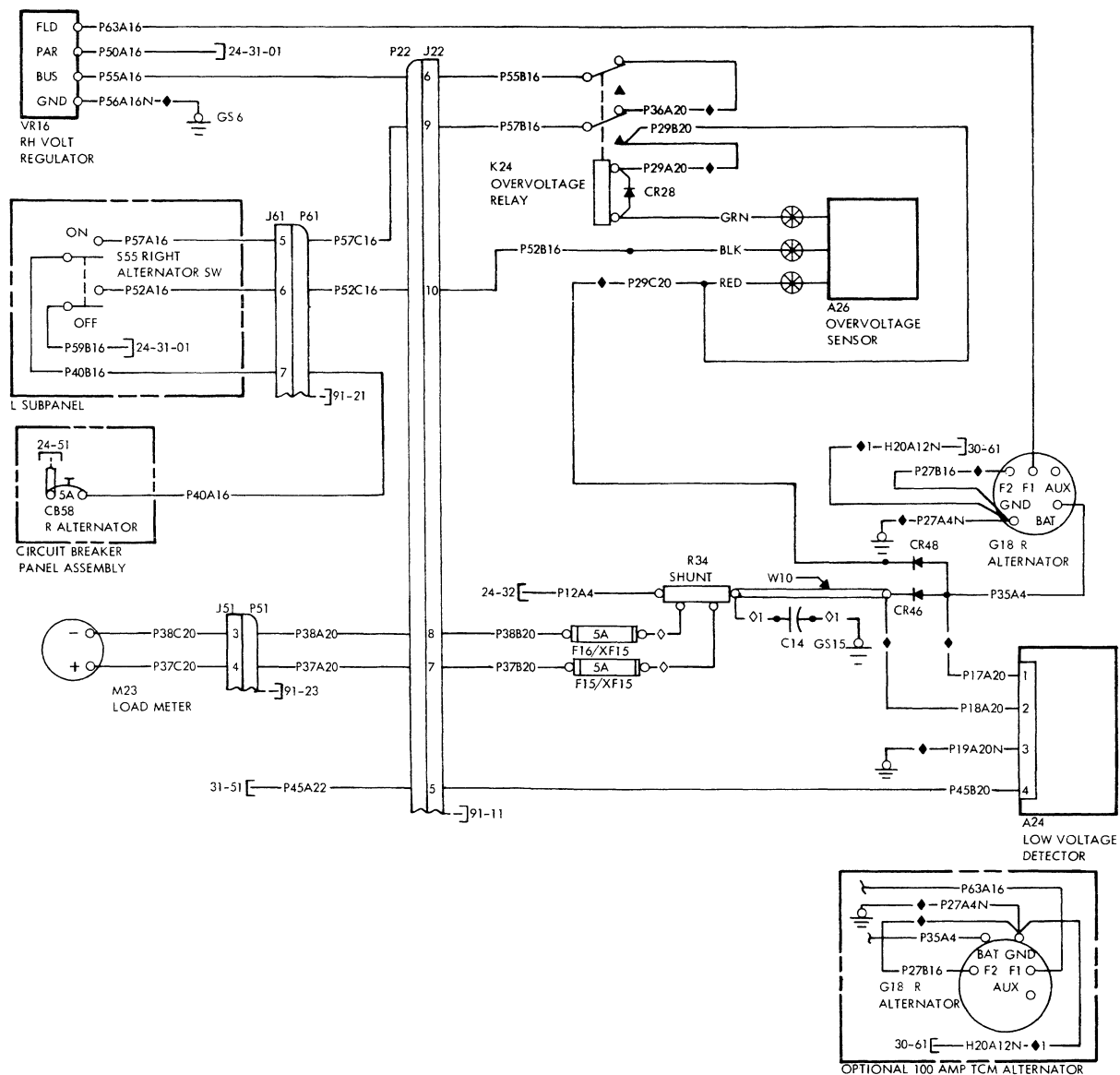
B E E C H C R A F T
BARON 58P
W I R I N G D I A G R A M M A N U A L

24-31-02
DC GENERATION
RH ALTERNATOR & REGULATOR, PAGES 2 AND 3
LOW VOLTAGE DETECTOR PC BOARD, PAGES 4 AND 5

B E E C H C R A F T
BARON 58P
W I R I N G D I A G R A M M A N U A L

GAMA/ATA CODE & REF DES	PART NO.	DESCRIPTION	UNITS		USABLE ON CODE
			PER ASSY	INSTL ZONE	
		1 2 3 4 5 6 7			
31-02	102-360017-44	SENSOR ASSY,RH VOLTAGE/60 AMP/.	1	622	
-A24	102-364026-9	. BOX ASSY,LOW VOLTAGE SENSOR	1	622	
-A24	102-364026-11	. . BOX	1	622	
-A24	411-1904-4	. . TERMINAL BOARD.	1	622	
-A24	MS411-1904-4	. . STRIP,TERMINAL IDENTIFICATION	1	622	
-A24	104-364030-3	. . PC BOARD/SEE PAGES 4 AND 5 OF THIS CHAPTER. . . FOR PARTS LIST AND SCHEMATIC/	1	622	
-A26	B00305-1	. SENSOR,OVERVOLTAGE.	1	622	
-C14	TVLU1115	. CAPACITOR,ALTERNATOR/RF FILTER/.	1	622	
-CR28	1N4005	. DIODE,OVERVOLTAGE RELAY	1	622	
-CR46	60-369000-13	. RECTIFIER ASSY.	1	622	
-CR46	150L20A	. . DIODE,RH REVERSE CURRENT/RECTIFIER/	1	622	
-CR46	B2547	. . HEAT SINK	1	622	
-CR46	N5330-2	. . INSULATOR	1	622	
-CR48	1N4005	. DIODE,OVERVOLTAGE SENSOR.	1	622	
-F15/F16	ABC5	. FUSE,LOAD METER/F15,F16 AND SPARE/.	3	622	
-K24	50-380048-1	. RELAY,OVERVOLTAGE	1	622	
-R34	MLA60-50	. SHUNT	1	622	
-W10	102-360017-29	. BUS BAR	1	622	
-XF15	4532	. FUSE BLOCK.	1	622	
-J51	102-360017-46	SENSOR ASSY,RH VOLTAGE/OPTIONAL 100 AMP/.	1	622	
-A24	102-364026-9	. BOX ASSY,LOW VOLTAGE SENSOR	1	622	
-A24	102-364026-11	. . BOX	1	622	
-A24	411-1904-4	. . TERMINAL BOARD.	1	622	
-A24	MS411-1904-4	. . STRIP,TERMINAL IDENTIFICATION	1	622	
-A24	104-364030-3	. . PC BOARD/SEE PAGES 4 AND 5. FOR PARTS LIST AND SCHEMATIC/	1	622	
-A26	B00305-1	. SENSOR,OVERVOLTAGE.	1	622	
-C14	TVLU1115	. CAPACITOR,RH ALTERNATOR/RF FILTER/.	1	622	
-CR28	1N4005	. DIODE,OVERVOLTAGE RELAY	1	622	
-CR46	60-369000-13	. RECTIFIER ASSY.	1	622	
-CR46	150L20A	. . RECTIFIER	1	622	
-CR46	B2547	. . HEAT SINK	1	622	
-CR46	N5330-2	. . INSULATOR	1	622	
-CR48	1N4005	. DIODE,OVERVOLTAGE	1	622	
-F15/F16	ABC5	. FUSE,LOAD METER/F15,F16 AND SPARE/.	3	622	
-K24	50-380048-1	. RELAY,OVERVOLTAGE	1	622	
-R34	MS91586-6	. SHUNT,LOAD METER/ALTERNATE FOR MA751H100/	1	622	
-R34	MA751H100	. SHUNT,LOAD METER/ALTERNATE FOR MS91586-6/	1	622	
-W10	102-360017-29	. BUS BAR	1	622	
-XF15	4532	. FUSE BLOCK.	1	622	
-CB58	7277-2-5	CIRCUIT BREAKER,RH ALTERNATOR	1	251	
-G18	646490	ALTERNATOR,RH/60 AMP/	1	420	
-G18	646491	ALTERNATOR,RH/OPTIONAL 100 AMP/	1	420	
-GS6	131270-3	GROUNDING STUD.	1	270	
-GS15	131270-3	GROUNDING STUD.	1	622	
-J22/P22		CONNECTOR,RH LEADING EDGE/SEE CHAPTER 91/	1	621	
-J51/P51		CONNECTOR,INSTRUMENT PANEL/SEE CHAPTER 91/.	1	231	
-J61/P61		CONNECTOR,SUBPANEL/SEE CHAPTER 91/.	1	231	
-M23	102-380018-1	METER,RH LOAD/60 AMP/	1	240	
-M23	102-380020-1	METER,RH LOAD/OPTIONAL 100 AMP/	1	240	
-S55	350380053-7	SWITCH,RH ALTERNATOR.	1	240	
-VR16	B00306-2	REGULATOR,RH VOLTAGE.	1	140	

B E E C H C R A F T
BARON 58P
W I R I N G D I A G R A M M A N U A L



- ◊1 JPR20 WIRE.
- ◆1 USED WITH ELECTRIC PROP DE-ICE OPTION
- ◆ WIRE NUMBERS DUPLICATED ON DIAG 24-30 FOR INTERCHANGEABILITY.
- ◊ AWG 14 JUMPERS ARE NOT TO EXCEED "4" INCHES IN LENGTH.

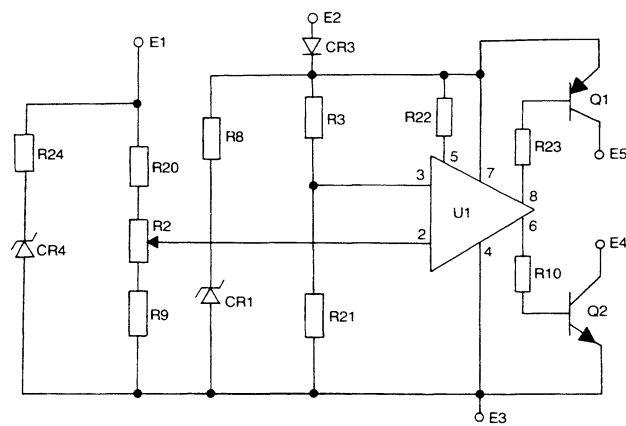
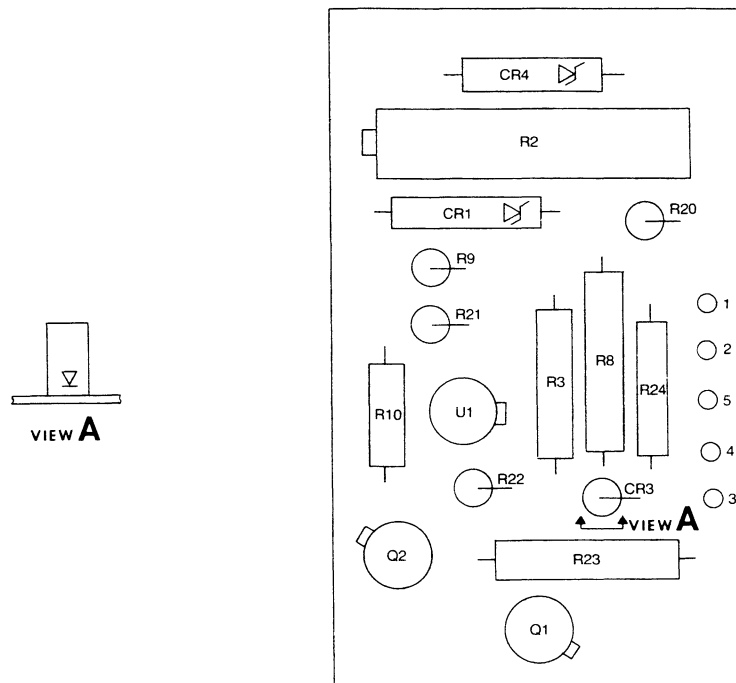
B E E C H C R A F T
BARON 58P
W I R I N G D I A G R A M M A N U A L

GAMA/ATA CODE & REF DES	PART NO.	DESCRIPTION	UNITS		USABLE	
			PER	INSTL	ON	
		1 2 3 4 5 6 7	ASSY	ZONE	CODE	
31-02-A23/A24	104-364030-3	PC BOARD ASSY, LOW VOLTAGE DETECTOR.	2	522/622		

NOTE THE QUANTITIES SHOWN BELOW ARE FOR ONE
PC BOARD. THERE IS ONE PC BOARD IN EACH
NACELLE LOW VOLTAGE SENSOR.

-CR1	1 5KE39A	. TRANSORB	1			
-CR3	1N4005	. DIODE	1			
-CR4	1 5KE39A	. TRANSORB	1			
-E1-	2010B1	. TERMINAL/TYPICAL E1,E2,E3,E4 AND E5/.	5			
-Q1	2N4036	. TRANSISTOR.	1			
-Q2	2N2102	. TRANSISTOR.	1			
-R2	3067P1-202	. POTENTIOMETER, TRIM.	1			
-R3	RN55C1052F	. RESISTOR.	1			
-R8	RS1A 3 3 OHM	. RESISTOR/3.3 OHM, 1 WATT/.	1			
-R9	RN55C1052F	. RESISTOR.	1			
-R10	RCR20G102JS	. RESISTOR.	1			
-R20	RN55C1052F	. RESISTOR.	1			
-R21	RN55C1052F	. RESISTOR.	1			
-R22	RN55C3013F	. RESISTOR.	1			
-R23	RCR20G302JS	. RESISTOR.	1			
-R24	RS1A 3 3 OHM	. RESISTOR/3.3 OHM, 1 WATT/.	1			
-U1	CA3094BT	. AMPLIFIER, OPERATIONAL	1			

B E E C H C R A F T
B A R O N 5 8 P
W I R I N G D I A G R A M M A N U A L



58-369 308

LOW VOLTAGE DETECTOR PC BOARD

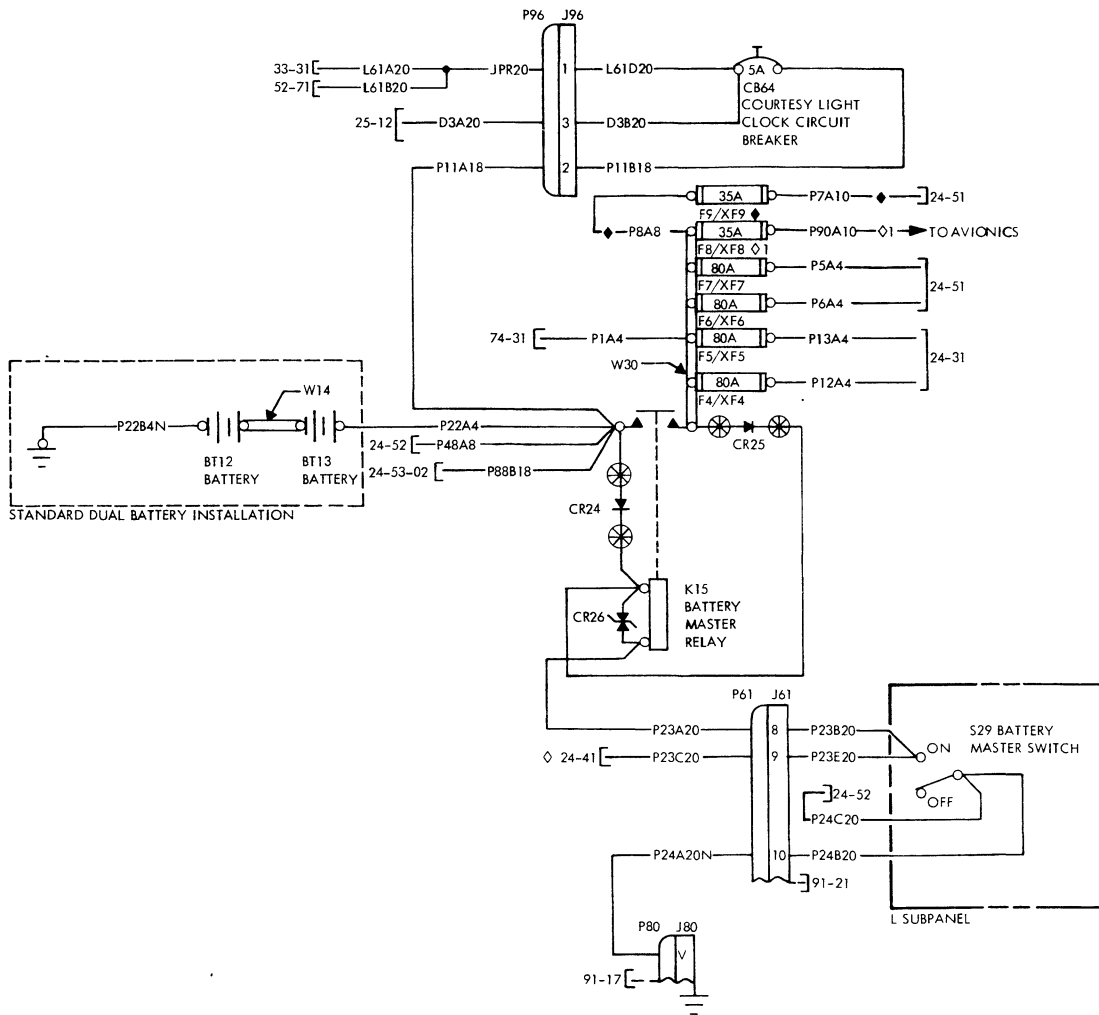
B E E C H C R A F T
BARON 58P
W I R I N G D I A G R A M M A N U A L

24-32-01
DC GENERATION-BATTERY

B E E C H C R A F T
BARON 58P
W I R I N G D I A G R A M M A N U A L

GAMA/ATA CODE & REF DES	PART NO.	DESCRIPTION	UNITS		USABLE ON CODE
			PER ASSY	INSTL ZONE	
32-01-BT12	58-380056-1	BATTERY/12 VOLT/.	1	132	
-BT13	58-380056-1	BATTERY/12 VOLT/.	1	132	
-CB64	7277-2-5	CIRCUIT BREAKER,COURTESY LIGHT AND CLOCK.	1	210	
-CR24	1N4005	DIODE,BATTERY MASTER RELAY.	1	132	
-CR25	1N4005	DIODE,BATTERY MASTER RELAY.	1	132	
-CR26	1.5KE51CA	TRANSZORB,BATTERY MASTER RELAY.	1	132	
-F4	FLLB	LIMITER,CURRENT/ALTERNATOR,80 AMP/.	1	132	
-F5	FLLB	LIMITER,CURRENT/ALTERNATOR,80 AMP/.	1	132	
-F6	FLLB	LIMITER,CURRENT/STALL WARNING,80 AMP/.	1	132	
-F7	FLLB	LIMITER,CURRENT/CABIN HEATER,80 AMP/.	1	132	
-F8	FLLX	LIMITER,CURRENT/AVIONICS,35 AMP/.	1	132	
-F9	FLLX	LIMITER,CURRENT/CABIN LIGHTS,35 AMP/.	1	132	
-J61		RECEPTACLE,SUBPANEL DISCONNECT/SEE CH 91/.	1	231	
-J80		RECEPTACLE,INST PANEL GROUNDING/SEE CH 91/.	1	231	
-J96	207359-1	RECEPTACLE HOUSING,COURTESY LT & CLOCK C.B.	1	132	
-J96	66103-2	PIN CONTACT	AR	132	
-K15	6041H189	RELAY,BATTERY MASTER.	1	132	
-P61	35-380053-21	PLUG,SUBPANEL DISCONNECT/SEE CHAPTER 91/.	1	231	
-P80	FSH	PLUG,INST PANEL GROUNDING/SEE CHAPTER 91/.	1	231	
-P96	207360-1	PLUG HOUSING,COURTESY LT & CLOCK C.B.	1	132	
-P96	66105-2	SOCKET CONTACT.	AR	132	
-S29	35-380053-21	SWITCH,BATTERY MASTER	1	240	
-W14	414-189412	BUS BAR,BATTERY	1	132	
-W30	002-361016-15	BUS BAR,BATTERY MASTER DC	1	132	
-XF4-	FSH	BASE,LIMITER/TYPICAL XF4,XF5,XF6,XF7,XF8,XF9/.	6	210	

B E E C H C R A F T
B A R O N 5 8 P
W I R I N G D I A G R A M M A N U A L



- ◆ FOR AIRCRAFT WITH ISOLATION BUS OPTION, REFERENCE 24-51.
- ◇ USED WITH EXTERNAL POWER OPTION.
- ◇ WHEN OPTIONAL AVIONICS MASTER IS INSTALLED, REF 24-53.

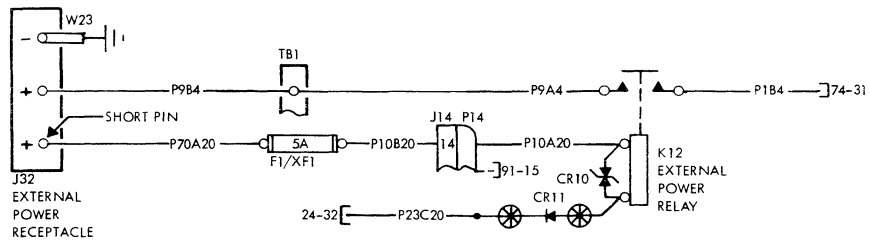
B E E C H C R A F T
BARON 58P
W I R I N G D I A G R A M M A N U A L

24-41-01
EXTERNAL POWER/OPTIONAL/

B E E C H C R A F T
BARON 58P
W I R I N G D I A G R A M M A N U A L

GAMA/ATA CODE & REF DES	PART NO.	DESCRIPTION	UNITS		USABLE	
			PER ASSY	INSTL ZONE	ON CODE	
41-01-CR10	100-361045-1	TRANSZORB,EXTERNAL POWER RELAY.	1	132		
-CR11	1N4005	DIODE	1	132		
-J14		RECEPTACLE,LH LEADING EDGE/SEE CHAPTER 91/.	1	521		
	95-360012-37	BOX ASSY,EXTERNAL POWER RECEPTACLE.	1	521		
	95-360012-25	. BOX	1	132		
-F1	AGC5	. FUSE EXTERNAL POWER/F1 AND SPARE/	2	521		
-J32	AN2552A3A	. RECEPTACLE,EXTERNAL POWER	1	521		
-W23	95-360012-15	. BUS BAR	1	521		
-XF1	4522	. FUSE BLOCK.	1	521		
-K12	6041H189	RELAY,EXTERNAL POWER.	1	132		
-TB1	MS27212-4-1A	TERMINAL BOARD.	1	521		

B E E C H C R A F T
B A R O N 5 8 P
W I R I N G D I A G R A M M A N U A L



EXTERNAL POWER/OPTIONAL/

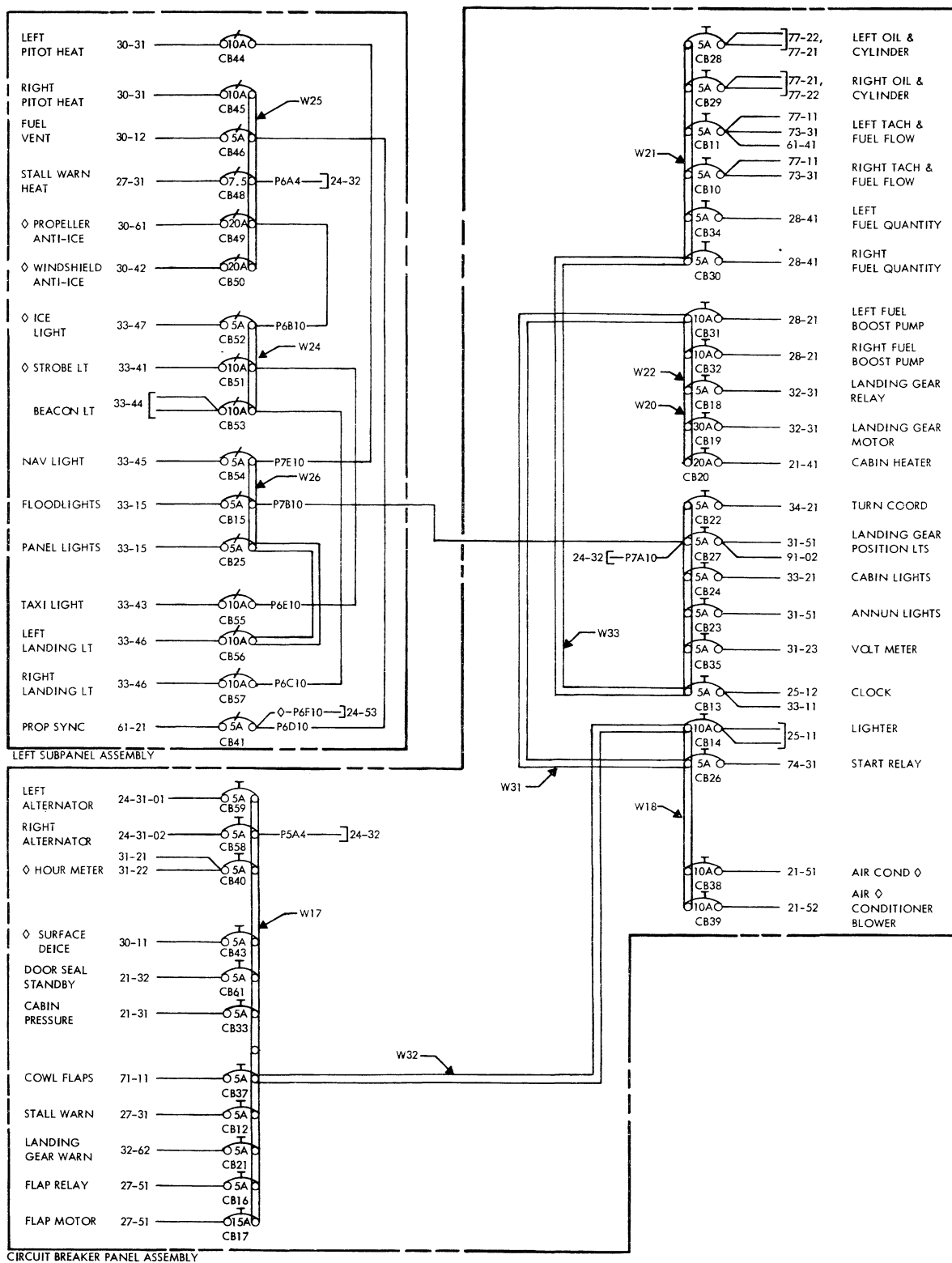
B E E C H C R A F T
BARON 58P
W I R I N G D I A G R A M M A N U A L

24-51-01
ELECTRICAL LOAD DIST-CIRCUIT BREAKER ASSEMBLY

B E E C H C R A F T
BARON 58P
W I R I N G D I A G R A M M A N U A L

GAMA/ATA CODE & REF DES	PART NO.	DESCRIPTION	UNITS		USABLE ON CODE
			PER ASSY	INSTL ZONE	
51-01	102-364057-17	PANEL ASSY,CIRCUIT BREAKER.	1	251	
-CB10	7277-2-5	. CIRCUIT BREAKER,R TACH AND FUEL FLOW.	1	251	
-CB11	7277-2-5	. CIRCUIT BREAKER,L TACH AND FUEL FLOW.	1	251	
-CB12	7277-2-5	. CIRCUIT BREAKER,STALL WARNING	1	251	
-CB13	7277-2-5	. CIRCUIT BREAKER,CLOCK	1	251	
-CB14	7277-2-10	. CIRCUIT BREAKER,LIGHTER	1	251	
-CB16	7277-2-5	. CIRCUIT BREAKER,FLAP RELAY.	1	251	
-CB17	7277-2-15	. CIRCUIT BREAKER,FLAP MOTOR.	1	251	
-CB18	7277-2-5	. CIRCUIT BREAKER,LANDING GEAR RELAY.	1	251	
-CB19	MS24510-30	. CIRCUIT BREAKER,LANDING GEAR MOTOR.	1	251	
-CB20	MS24510-20	. CIRCUIT BREAKER,CABIN HEATER.	1	251	
-CB21	7277-2-5	. CIRCUIT BREAKER,LANDING GEAR WARNING.	1	251	
-CB22	7277-2-5	. CIRCUIT BREAKER,TURN COORDINATOR.	1	251	
-CB23	7277-2-5	. CIRCUIT BREAKER,ANNUNCIATOR LIGHTS.	1	251	
-CB24	7277-2-5	. CIRCUIT BREAKER,CABIN LIGHTS.	1	251	
-CB26	7277-2-5	. CIRCUIT BREAKER,START RELAY	1	251	
-CB27	7277-2-5	. CIRCUIT BREAKER,LANDING GEAR POSITION LIGHTS.	1	251	
-CB28	7277-2-5	. CIRCUIT BREAKER,L OIL AND CYLINDER.	1	251	
-CB29	7277-2-5	. CIRCUIT BREAKER,R OIL AND CYLINDER.	1	251	
-CB30	7277-2-5	. CIRCUIT BREAKER,R FUEL QUANTITY	1	251	
-CB31	7277-2-10	. CIRCUIT BREAKER,L FUEL BOOST PUMP	1	251	
-CB32	7277-2-10	. CIRCUIT BREAKER,R FUEL BOOST PUMP	1	251	
-CB33	7277-2-5	. CIRCUIT BREAKER,CABIN PRESSURE.	1	251	
-CB34	7277-2-5	. CIRCUIT BREAKER,L FUEL QUANTITY	1	251	
-CB35	7277-2-5	. CIRCUIT BREAKER,VOLT METER.	1	251	
-CB37	7277-2-5	. CIRCUIT BREAKER,COWL FLAPS.	1	251	
-CB38	7277-2-5	. CIRCUIT BREAKER,AIR CONDITIONER	1	251	
-CB39	7277-2-10	. CIRCUIT BREAKER,AIR CONDITIONER BLOWER.	1	251	
-CB40	7277-2-5	. CIRCUIT BREAKER,HOOR METER/ENGINE & FLIGHT/.	1	251	
-CB43	7277-2-5	. CIRCUIT BREAKER,SURFACE DEICE	1	251	
-CB58	7277-2-5	. CIRCUIT BREAKER,R ALTERNATOR.	1	251	
-CB59	7277-2-5	. CIRCUIT BREAKER,L ALTERNATOR.	1	251	
-CB61	7277-2-5	. CIRCUIT BREAKER,DOOR SEAL STANDBY	1	251	
-W17	114931-1-11	. BUS BAR	1	251	
-W17	002-361016-19	. TAB/ATTACHES TO W17 BUS BAR/.	1	251	
-W18	114931-1-2	. BUS BAR/USED WITHOUT AIR CONDITIONING/.	1	251	
-W18	114931-1-5	. BUS BAR/USED WITH AIR CONDITIONING/.	1	251	
-W19	114931-1-6	. BUS BAR	1	251	
-W19	002-361016-19	. TAB/ATTACHES TO W19 BUS BAR	1	251	
-W20	101-364084-233	. BUS BAR	1	251	
-W21	114931-1-6	. BUS BAR	1	251	
-W22	114931-1-3	. BUS BAR	1	251	
-W31	101-364004-73	. BUS BAR	1	251	
-W32	101-364004-73	. BUS BAR	1		
-W33	101-364004-73	. BUS BAR	1	251	
	102-364000-15	SUBPANEL ASSY,ELECTRICAL EQUIPMENT.	NP	240	
-CB15	35-380132-41	. CIRCUIT BREAKER SWITCH,FLOODLIGHTS.	1	240	
-CB25	35-380132-41	. CIRCUIT BREAKER SWITCH,PANEL LIGHTS.	1	240	
-CB41	35-380132-21	. CIRCUIT BREAKER SWITCH,PROP SYNC.	1	240	
-CB44	35-380132-3	. CIRCUIT BREAKER SWITCH,L PITOT HEAT	1	240	
-CB45	35-380132-3	. CIRCUIT BREAKER SWITCH,R PITOT HEAT/OPTION/.	1	240	
-CB46	35-380132-1	. CIRCUIT BREAKER SWITCH,FUEL VENT HEAT	1	240	
-CB48	35-380132-53	. CIRCUIT BREAKER SWITCH,STALL WARNING HEAT	1	240	
-CB49	35-380132-7	. CIRCUIT BREAKER SWITCH,PROP ANTI-ICE/OPTION/.	1	240	
-CB50	35-380132-7	. CIRCUIT BREAKER SWITCH,WINDSHIELD ANTI-ICE.	1	240	
		. /OPTIONAL EQUIPMENT/			
-CB51	35-380132-43	. CIRCUIT BREAKER SWITCH,STROBE LIGHT/OPTION/.	1	240	
-CB52	35-380132-41	. CIRCUIT BREAKER SWITCH,ICE LIGHT/OPTION/.	1	240	
-CB53	35-380132-43	. CIRCUIT BREAKER SWITCH,BEACON LIGHT	1	240	
-CB54	35-380132-41	. CIRCUIT BREAKER SWITCH,NAV LIGHT.	1	240	
-CB55	35-380132-43	. CIRCUIT BREAKER SWITCH,TAXI LIGHT	1	240	
-CB56	35-380132-43	. CIRCUIT BREAKER SWITCH,LEFT LANDING LIGHT	1	240	
-CB57	35-380132-43	. CIRCUIT BREAKER SWITCH,RIGHT LANDING LIGHT.	1	240	
-W24	102-364001-19	. BUS BAR	1	240	
-W24	36270	. TERMINAL/CONTACT TABS FOR BUS BAR/.	AR	240	
-W25	102-364001-21	. BUS BAR	1	240	
-W25	36270	. TERMINAL/CONTACT TABS FOR BUS BAR/.	AR	240	
-W26	102-364001-19	. BUS BAR	1	240	
-W26	36270	. TERMINAL/CONTACT TABS FOR BUS BAR/.	1	240	

B E E C H C R A F T
B A R O N 5 8 P
W I R I N G D I A G R A M M A N U A L



◇ OPTIONAL EQUIPMENT.

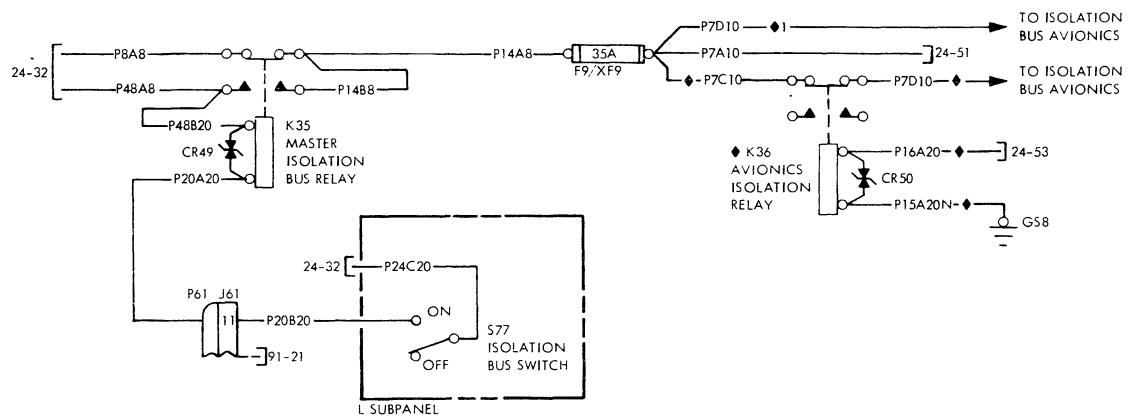
B E E C H C R A F T
BARON 58P
W I R I N G D I A G R A M M A N U A L

24-52-01
ELECTRICAL LOAD DISTRIBUTION-ISOLATION BUS/OPT/

B E E C H C R A F T
BARON 58P
W I R I N G D I A G R A M M A N U A L

GAMA/ATA CODE & REF DES	PART NO.	DESCRIPTION	UNITS PER INSTL ASSY ZONE							USABLE ON CODE
			1	2	3	4	5	6	7	
52-01-CR49	1.5KE51CA	TRANSZORB								1 132
-CR50	1.5KE51CA	TRANSZORB								1 132
-F9	FLLX	LIMITER,CURRENT								1 132
-GS8	131270-3	GROUND STUD								1 132
-J61		RECEPTACLE,SUBPANEL DISCONNECT/SEE CHAPTER 91/.								1 231
-K35	MS24187D1	RELAY,MASTER ISOLATION BUS.								1 132
-K36	MS24187D1	RELAY,MASTER ISOLATION BUS.								1 132
-P61		PLUG,SUBPANEL DISCONNECT/SEE CHAPTER 91/.								1 231
-S77	MS24658-23G	SWITCH,ISOLATION BUS.								1 240
-XF9	FSH	BASE,LIMITER.								1 132

B E E C H C R A F T
B A R O N 5 8 P
W I R I N G D I A G R A M M A N U A L



- ◆1 WIRE AS SHOWN WITHOUT AVIONICS MASTER OPTION.
- ◆ WIRE AS SHOWN WHEN AVIONICS MASTER OPTION IS INSTALLED.

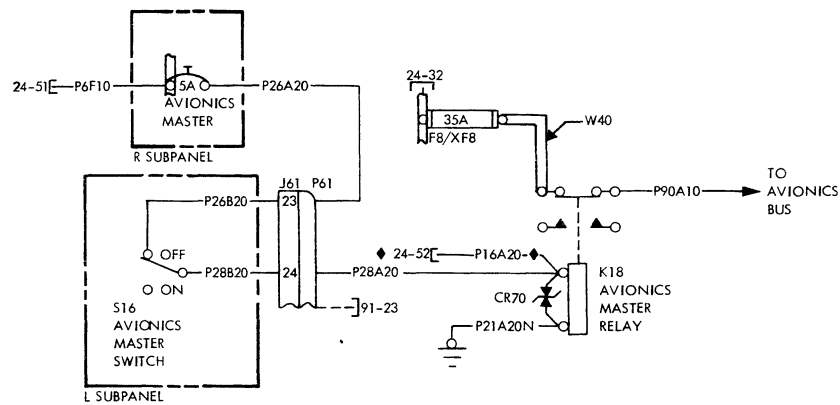
B E E C H C R A F T
BARON 58P
W I R I N G D I A G R A M M A N U A L

24-53-01
ELECTRICAL LOAD DISTRIBUTION-AVIONICS MASTER
/OPTIONAL/

B E E C H C R A F T
BARON 58P
W I R I N G D I A G R A M M A N U A L

GAMA/ATA CODE & REF DES	PART NO.	DESCRIPTION	UNITS			USABLE ON CODE
			PER ASSY	INSTL ZONE		
53-01-CB-	7277-2-3	CIRCUIT BREAKER, AVIONICS MASTER	1	240		
-CR70	1 5KE51CA	TRANSZORB, AVIONICS MASTER RELAY	1	132		
-F8	FLLX	LIMITER, CURRENT	1	132		
-J61		RECEPTACLE, SUBPANEL DISCONNECT/SEE CHAPTER 91/.	1	231		
-K18	MS24187D1	RELAY, AVIONICS MASTER	1	132		
-P61		PLUG, SUBPANEL DISCONNECT/SEE CHAPTER 91/.	1	231		
-S16	35-380053-1	SWITCH, AVIONICS MASTER.	1	240		
	96-384050-5	. KNOB, AVIONICS MASTER SWITCH	1			
-W40	002-361016-5	BUS BAR, AVIONICS MASTER RELAY	1	132		
-XF8	FSH	BASE, LIMITER.	1	132		

B E E C H C R A F T
B A R O N 5 8 P
W I R I N G D I A G R A M M A N U A L



◆ WIRE USED WHEN ISOLATION BUS OPTION IS INSTALLED.

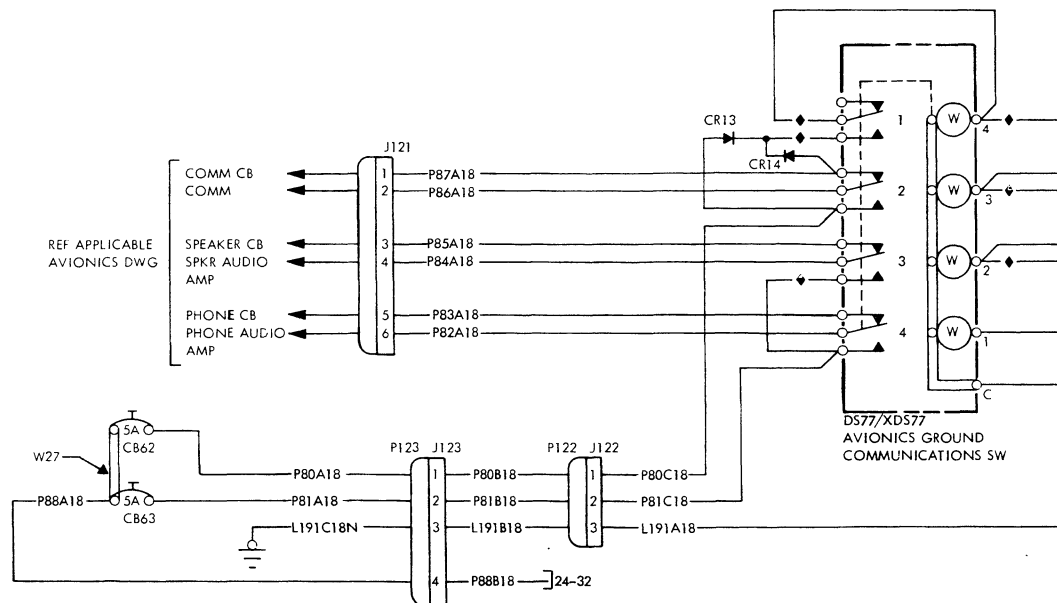
B E E C H C R A F T
BARDON 58P
W I R I N G D I A G R A M M A N U A L

24-53-02
ELECTRICAL LOAD DISTRIBUTION
AVIONICS GROUND COMMUNICATIONS/OPTIONAL/

B E E C H C R A F T
BARON 58P
W I R I N G D I A G R A M M A N U A L

GAMA/ATA CODE & REF DES	PART NO.	DESCRIPTION	UNITS			USABLE ON CODE
			PER ASSY	INSTL ZONE		
53-02-CB62	7277-2-5	CIRCUIT BREAKER,GROUND COMMUNICATION.	1	210		
-CB63	7277-2-5	CIRCUIT BREAKER,GROUND COMMUNICATION.	1	210		
-CR13	1N4005	DIODE	1	232		
-CR14	1N4005	DIODE	1	232		
-DS77	6839AS25	LAMP ASSY,AVIONICS GROUND COMM SWITCH	1	240		
-XDS77	342-640-0842-001	SWITCH,AVIONICS GROUND COMMUNICATIONS	1	240		
-J121	207153-1	RECEPTACLE HOUSING,GROUND COMM SWITCH	1	232		
-J121	66099-2	PIN CONTACT	AR	232		
-J122	207359-1	RECEPTACLE HOUSING,GROUND COMM SWITCH	1	232		
-J122	66099-2	PIN CONTACT	AR	232		
-J123	207016-1	RECEPTACLE HOUSING,GRND COMM CIRCUIT BREAKER.	1	132		
-J123	66099-2	PIN CONTACT	AR	132		
-P122	207360-1	PLUG HOUSING,GROUND COMM SWITCH	1	232		
-P122	66101-2	SOCKET CONTACT.	AR	232		
-P123	207015-1	PLUG HOUSING,GROUND COMM CIRCUIT BREAKER.	1	132		
-P123	66101-2	SOCKET CONTACT.	AR	132		
-W27	114931-1-2	BUS BAR	1	132		

B E E C H C R A F T
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◆ 22 AWG JUMPER

B E E C H C R A F T
BARON 58P
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25-11-01	1	12/09/83.	FLIGHT COMPARTMENT-CIGARETTE LIGHTER.
25-11-01	2	12/09/83	
25-11-01	3	12/09/83.	LIST OF PAGES & TABLE OF CONTENTS
25-12-01	1	12/09/83.	FLIGHT COMPARTMENT-CLOCK CONTROL WHEEL DIGITAL. .
25-12-01	2	12/09/83	
25-12-01	3	12/09/83	

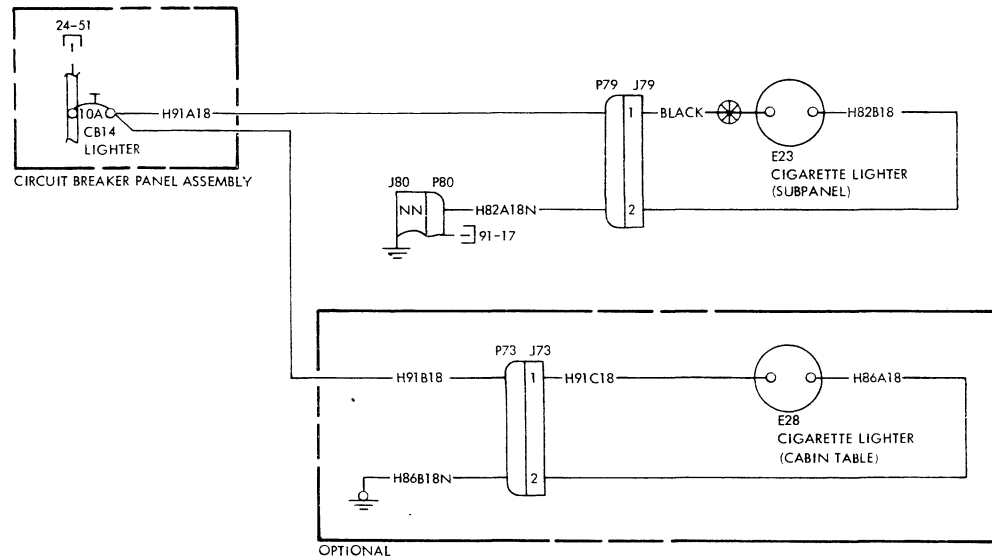
B E E C H C R A F T
BARON 58P
W I R I N G D I A G R A M M A N U A L

25-11-01
FLIGHT COMPARTMENT-CIGARETTE LIGHTER

B E E C H C R A F T
BARON 58P
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GAMA/ATA CODE & REF DES	PART NO.	DESCRIPTION	UNITS			USABLE ON CODE
			1	2	3	
11-01-CB14	7277-2-10	CIRCUIT BREAKER,CIGARETTE LIGHTER	1	251		
-E23	35-364160-13	LIGHTER ASSY,CIGARETTE/SUBPANEL/.	1	240		
-E23	206352	. CLAMPING SHELL.	1	240		
-E23	207890	. BASE ASSY	1	240		
-E23	207946	. POP-OUT UNIT.	1	240		
-E23	207900	. . HEATING UNIT.	1	240		
-E23	205738	. . KNOB ASSY	1	240		
-E23	LWA29455	. CORD ASSY	1	240		
-E23	60764-2	. TERMINAL.	1	240		
-J79	207309-1	. RECEPTACLE HOUSING,CIGARETTE LIGHTER.	1	232		
-J79	66099-2	. PIN CONTACT	AR	232		
-E28	35-364160-11	LIGHTER ASSY,CIGARETTE/CABIN TABLE/	1	252		
-E28	206352	. CLAMPING SHELL.	1	252		
-E28	207890	. BASE ASSY	1	252		
-E28	207946	. POP-OUT UNIT.	1	252		
-E28	207900	. . HEATING UNIT.	1	252		
-E28	205738	. . KNOB ASSY	1	252		
-E28	41907-1	. TERMINAL.	1	252		
-E28	60764-2	. TERMINAL.	1	252		
-J73	1-480319-0	. RECEPTACLE HOUSING,CIGARETTE LIGHTER.	1	252		
-J73	66099-2	. PIN CONTACT	2	252		
-J80		RECEPTACLE,INST PANEL GROUNDING/SEE CHAPTER 91/	1	231		
-P73	1-480318-0	PLUG HOUSING,CIGARETTE LIGHTER.	1	252		
-P73	66101-2	SOCKET CONTACT.	2	252		
-P79	207360-1	PLUG HOUSING.	1	232		
-P79	66101-2	SOCKET CONTACT.	1	232		
-P80		PLUG,INSTRUMENT PANEL GROUNDING/SEE CHAPTER 91/	1	231		

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W I R I N G D I A G R A M M A N U A L



F L I G H T C O M P A R T M E N T - C I G A R E T T E L I G H T E R

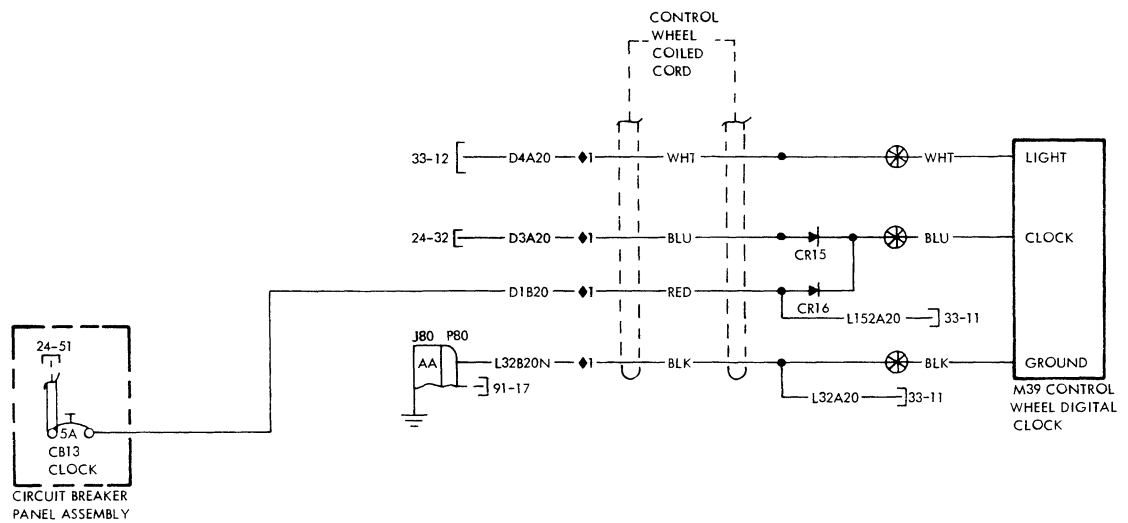
B E E C H C R A F T
BARON 58P
W I R I N G D I A G R A M M A N U A L

25-12-01
FLIGHT COMPARTMENT-CLOCK CONTROL WHEEL DIGITAL

B E E C H C R A F T
BARON 58P
W I R I N G D I A G R A M M A N U A L

GAMA/ATA CODE & REF DES	PART NO.	1 2 3 4 5 6 7	DESCRIPTION	UNITS		USABLE	
				PER ASSY	INSTL ZONE	ON CODE	
-CB13	7277-2-5		CIRCUIT BREAKER,CLOCK	1	251		
-CR15	1N4005		DIODE	1	251		
-CR16	1N4005		DIODE	1	251		
-J80			RECEPTACLE,INST PANEL GROUNDING/SEE CHAPTER 91/	1	231		
-M39	AT4220A6		CLOCK,CONTROL WHEEL DIGITAL	1	240		
-P80			PLUG,INSTRUMENT PANEL GROUNDING/SEE CHAPTER 91/	1	231		
	101-384118-1		CORD,CONTROL WHEEL COILED	1	240		

B E E C H C R A F T
B A R O N 5 8 P
W I R I N G D I A G R A M M A N U A L



◆1 FOR MODE OF CONNECTION TO COILED CORD,
REFER TO APPLICABLE AVIONICS DWGS.

B E E C H C R A F T
BARON 58P
W I R I N G D I A G R A M M A N U A L

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27-31-01	1	12/09/83.	ELEVATOR AND TAB-STALL WARNING.
27-31-01	2	12/09/83	
27-31-01	3	12/09/83	
27-31-02	1	12/09/83.	ELEVATOR AND TAB - STALL WARNING/OPTIONAL/.
27-31-02	2	12/09/83	
27-31-02	3	12/09/83	
27-51-01	1	12/09/83.	FLAPS-PERMANENT MAGNET MOTOR.
27-51-01	2	12/09/83	
27-51-01	3	12/09/83	

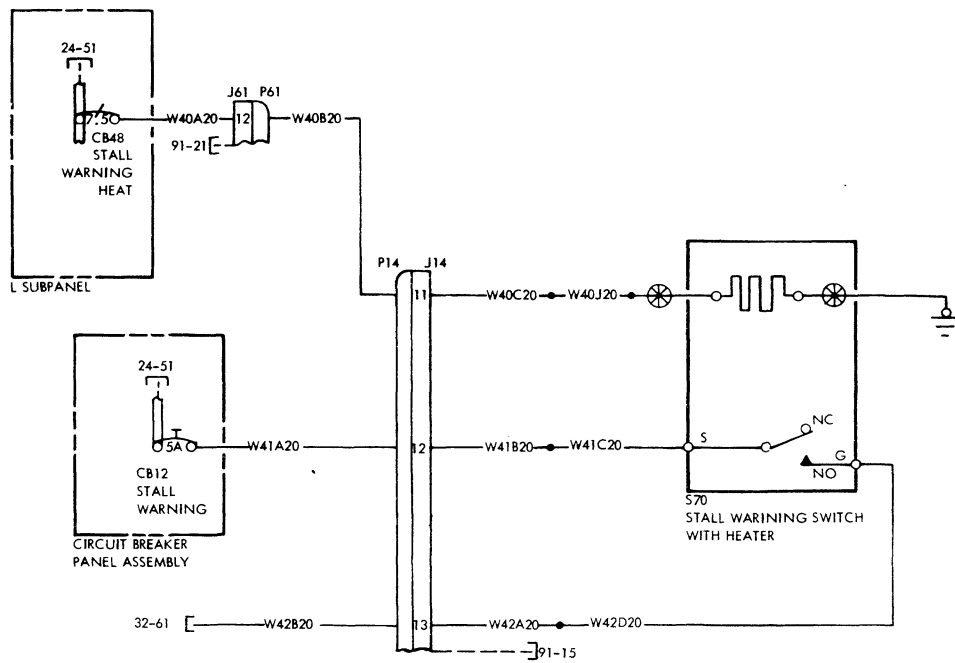
B E E C H C R A F T
BARON 58P
W I R I N G D I A G R A M M A N U A L

27-31-01
ELEVATOR AND TAB-STALL WARNING

B E E C H C R A F T
BARON 58P
W I R I N G D I A G R A M M A N U A L

GAMA/ATA CODE & REF DES	PART NO.	DESCRIPTION	UNITS			USABLE ON CODE
			1 2 3 4 5 6 7	PER ASSY	INSTL ZONE	
31-01-CB12	7277-2-5	CIRCUIT BREAKER,STALL WARNING		1	251	
-CB48	35-380132-53	CIRCUIT BREAKER,STALL WARNING HEAT.		1	240	
-J14		RECEPTACLE,LH LEADING EDGE/SEE CHAPTER 91/. . .		1	521	
-J61		RECEPTACLE,SUBPANEL DISCONNECT/SEE CHAPTER 91/. .		1	231	
-P14		PLUG,LH LEADING EDGE/SEE CHAPTER 91/.		1	521	
-P61		PLUG,SUBPANEL DISCONNECT/SEE CHAPTER 91/.		1	231	
-S70	190-3	SWITCH,STALL WARNING WITH HEATER.		1	541	

B E E C H C R A F T
B A R O N 5 8 P
W I R I N G D I A G R A M M A N U A L



ELEVATOR AND TAB-STALL WARNING

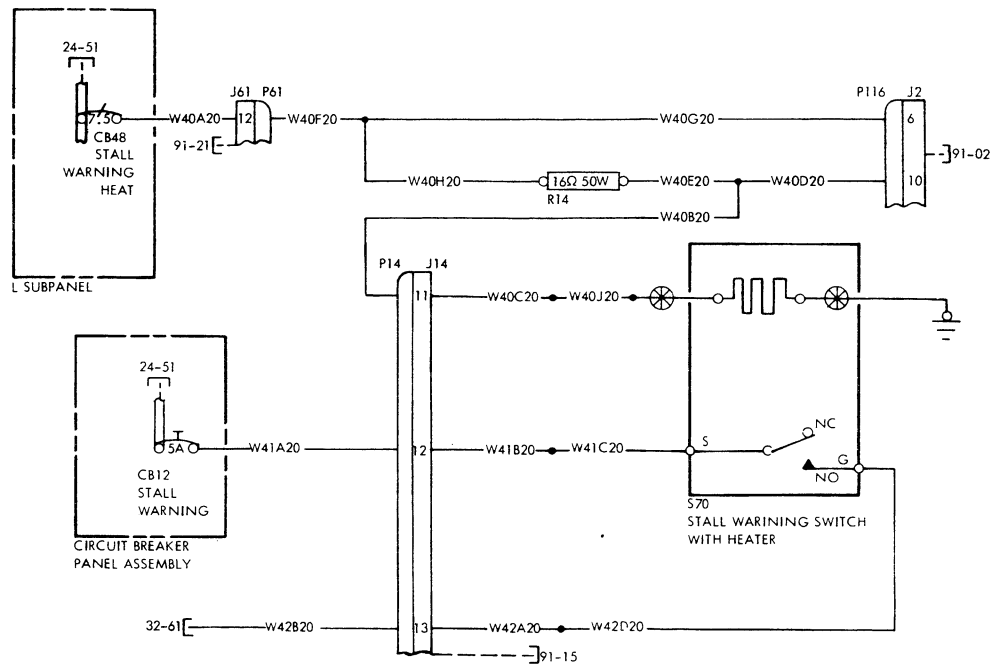
B E E C H C R A F T
BARON 58P
W I R I N G D I A G R A M M A N U A L

27-31-02
ELEVATOR AND TAB - STALL WARNING/OPTIONAL/

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BARON 58P
W I R I N G D I A G R A M M A N U A L

GAMA/ATA CODE & REF DES	PART NO.	DESCRIPTION	UNITS			USABLE ON CODE
			1	2	3	
31-02-CB12	7277-2-5	CIRCUIT BREAKER,STALL WARNING	1	251		
-CB48	35-380132-53	CIRCUIT BREAKER SWITCH,STALL WARNING HEAT	1	240		
-A16J2		RECEPTACLE,FLAP RELAY PC BOARD/SEE CHAPTER 91/.	1	231		
-J14		RECEPTACLE,LH LEADING EDGE/SEE CHAPTER 91/.	1	531		
-J61		RECEPTACLE,SUBPANEL DISCONNECT/SEE CHAPTER 91/.	1	231		
-P14		PLUG,LH LEADING EDGE/SEE CHAPTER 91/.	1	531		
-P61		PLUG,SUBPANEL DISCONNECT/SEE CHAPTER 91/.	1	231		
-P116	207542-1	PLUG HOUSING,FLAP RELAY PC BOARD.	1	231		
-P116	66105-2	SOCKET CONTACT.		AR	231	
-R14	RH50-16 OHM	RESISTOR/50 WATT/	1	231		
-S70	190-3	SWITCH,STALL WARNING/WITH HEATER/	1	541		

B E E C H C R A F T
B A R O N 5 8 P
W I R I N G D I A G R A M M A N U A L



ELEVATOR AND TAB-STALL WARNING/OPTIONAL/

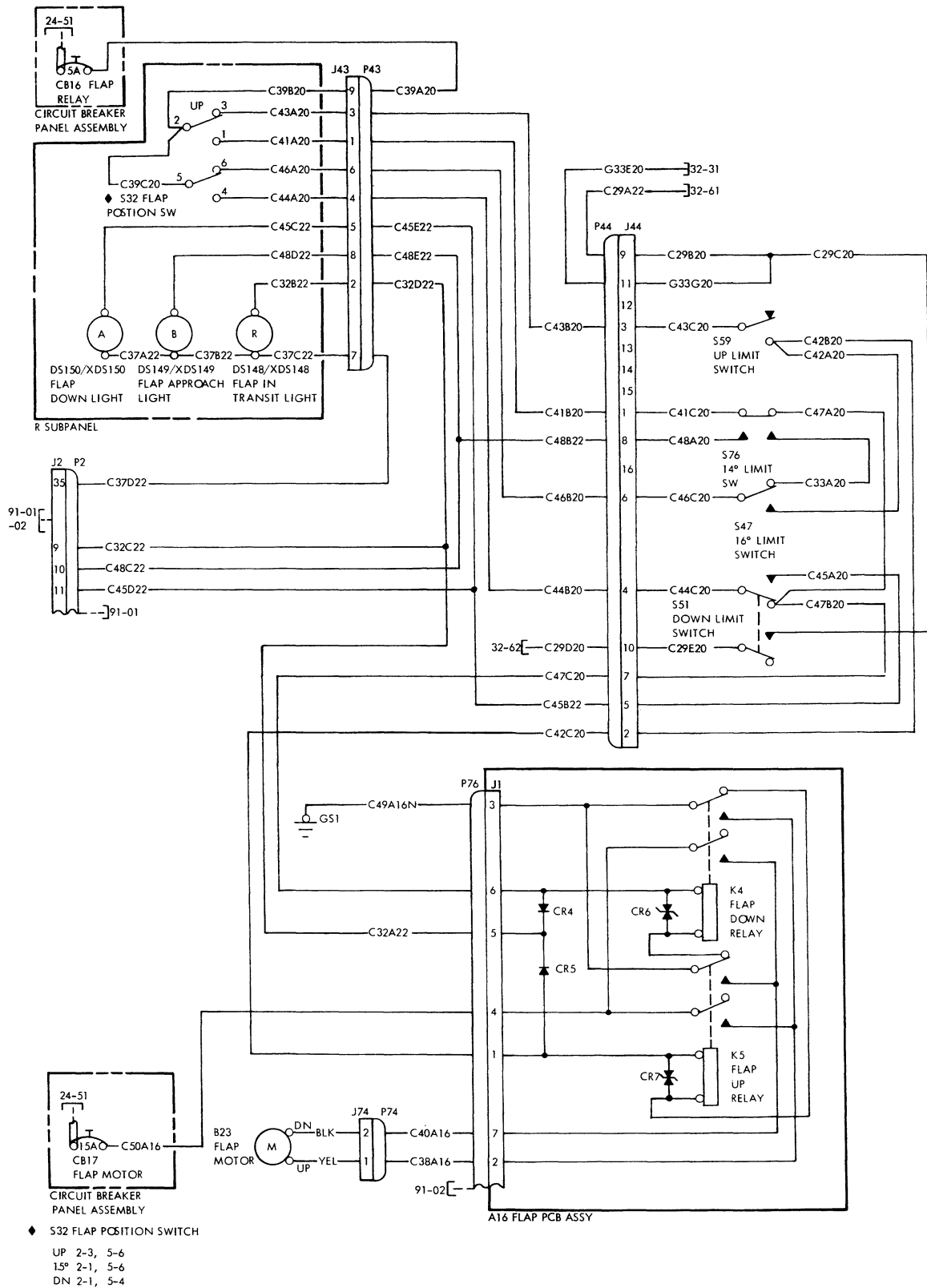
B E E C H C R A F T
BARON 58P
W I R I N G D I A G R A M M A N U A L

27-51-01
FLAPS-PERMANENT MAGNET MOTOR

B E E C H C R A F T
BARON 58P
W I R I N G D I A G R A M M A N U A L

GAMA/ATA CODE & REF DES	PART NO.	DESCRIPTION	UNITS			USABLE ON CODE
			PER ASSY	INSTL ZONE		
51-01-A16	102-364059-1	PC BOARD ASSY,FLAP RELAY/SEE CHAPTER 91/.	1	231		
-A16CR4	1N4005	. DIODE	1	231		
-A16CR5	1N4005	. DIODE	1	231		
-A16CR6	1.5KE51CA	. TRANSZORB	1	231		
-A16CR7	1.5KE51CA	. TRANSZORB	1	231		
-A16J1		. PIN HEADER,FLAP RELAY PCB ASSY/SEE CH 91/	1	231		
-A16K4	102-364059-3	. RELAY ASSY,FLAP DOWN.	1	231		
-A16K4	50-380048-11	. . RELAY	1	231		
-A16K4	V88/1FA11-42	. . SOCKET,RELAY.	1	231		
-A16K5	102-364059-3	. RELAY ASSY,FLAP UP.	1	231		
-A16K5	50-380048-11	. . RELAY	1	231		
-A16K5	V88/1FA11-42	. . SOCKET,RELAY.	1	231		
-B23	D160-00-3	MOTOR ASSY,FLAP	1	150		
-B23	C145-250	. MOTOR	1	150		
-J74	1-480319-0	. RECEPTACLE HOUSING,FLAP MOTOR	1	150		
-J74	60528-4	. PIN CONTACT	AR	150		
-CB16	7277-2-5	CIRCUIT BREAKER,FLAP RELAY.	1	251		
-CB17	7277-2-15	CIRCUIT BREAKER,FLAP MOTOR.	1	251		
-DS148	327	LAMP,FLAPS IN TRANSIT INDICATOR	1	240		
-DS149	327	LAMP,FLAPS-APPROACH POSITION INDICATOR.	1	240		
-DS150	327	LAMP,FLAPS DOWN INDICATOR	1	240		
-GS1	131270-3	GROUNDING STUD,MAIN SPAR CARRY-THRU	1	270		
-A19J2		RECEPTACLE,ELECTRICAL EQUIPMENT JCT BOX ASSY. /SEE CHAPTER 91/	1	232		
-J43	207443-1	RECEPTACLE HOUSING,FLAP SWITCH.	1	232		
-J43	66103-2	PIN CONTACT	AR	232		
-J44	206036-3	RECEPTACLE HOUSING,FLAP LIMIT SWITCH.	1	533		
-J44	66103-2	PIN CONTACT	AR	533		
-J44	206070-1	CLAMP,STRAIN RELIEF	1	533		
-A19P2		PLUG,JUNCTION BOX ASSY/SEE CH 91-01-02/	1	232		
-P43	207442-1	PLUG HOUSING,FLAP SWITCH ASSY	1	232		
-P43	66105-2	SOCKET CONTACT.	AR	232		
-P44	206037-1	PLUG HOUSING,FLAP LIMIT SWITCH.	1	533		
-P44	66105-2	SOCKET CONTACT.	AR	533		
-P44	206070-1	CLAMP,STRAIN RELIEF	1	533		
-P74	1-480318-0	PLUG HOUSING,FLAP MOTOR	1	150		
-P74	60619-1	SOCKET CONTACT.	AR	150		
-P76	207542-1	PLUG HOUSING,FLAP PC BOARD ASSY	1	231		
-P76	66105-2	SOCKET CONTACT.	AR	231		
-S32	8906K3674	SWITCH,FLAP POSITION.	1	240		
-S32	118664	LEVER,SWITCH.	1	240		
-S32	118665	KNOB,SWITCH	1	240		
-S47	MS25026-1	SWITCH,16 DEGREE FLAP LIMIT	1	150		
-S51	MS25008-1	SWITCH,FLAP DOWN LIMIT.	1	730		
-S59	MS25026-1	SWITCH,FLAP UP LIMIT.	1	150		
-S76	BZ3AT	SWITCH,FLAP 14 DEGREE LIMIT	1	150		
-XDS148	855291SI-RL2QB-P	LAMPHOLDER,FLAP IN TRANSIT/RED LENS/.	1	240		
-XDS149	855291SI-BL6QB-P	LAMPHOLDER,FLAP APPROACH/BLUE LENS/.	1	240		
-XDS150	855291SI-AL4QB-P	LAMPHOLDER,FLAP DOWN/AMBER LENS/.	1	240		

**BEECHCRAFT
BARON 58P
WIRING DIAGRAM MANUAL**



FLAPS—PERMANENT MAGNET MOTOR

B E E C H C R A F T
BARON 58P
W I R I N G D I A G R A M M A N U A L

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28-10-01	1	12/09/83.	FUEL VENT HEATER.
28-10-01	2	12/09/83	
28-10-01	3	12/09/83	
28-21-01	1	12/09/83.	DISTRIBUTION-FUEL BOOST PUMPS
28-21-01	2	12/09/83	
28-21-01	3	12/09/83	
28-41-01	1	12/09/83.	INDICATING - FUEL QUANTITY,PAGES 2 AND 3.
28-41-01	2	12/09/83	FUEL QUANTITY PC BOARD,PAGES 4 AND 5
28-41-01	3	12/09/83	
28-41-01	4	12/09/83	
28-41-01	5	12/09/83	

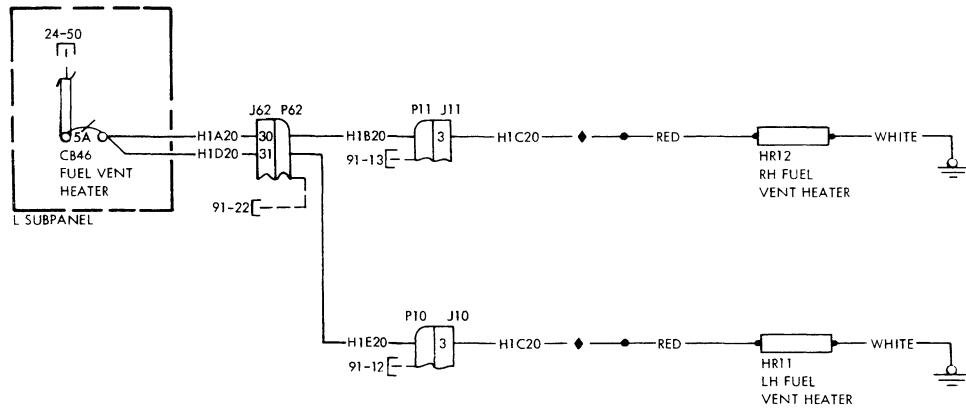
B E E C H C R A F T
BARON 58P
W I R I N G D I A G R A M M A N U A L

28-10-01
FUEL VENT HEATERS

B E E C H C R A F T
BARON 58P
W I R I N G D I A G R A M M A N U A L

GAMA/ATA CODE & REF DES	PART NO.	DESCRIPTION	UNITS		USABLE	
			PER ASSY	INSTL ZONE	ON CODE	
10-01-CB46	35-380132-1	CIRCUIT BREAKER,FUEL VENT HEATER.	1	240		
-HR11	60-381002	HEATER,LH FUEL VENT	1	532		
-HR12	60-381002	HEATER,RH FUEL VENT.	1	632		
-J10		RECEPTACLE,LH WHEELWELL ACCESS/SEE CHAP.91-12/.	1	730		
-J11		RECEPTACLE,RH WHEELWELL ACCESS/SEE CHAP.91-13/.	1	740		
-J62		RECEPTACLE,SUBPANEL DISCONNECT/SEE CHAP.91-22/.	1	231		
-P10		PLUG,LH WHEELWELL ACCESS/SEE CHAPTER 91-12/	1	730		
-P11		PLUG,RH WHEELWELL ACCESS/SEE CHAPTER 91-13/	1	740		
-P62		PLUG,SUBPANEL DISCONNECT/SEE CHAPTER 91-22/	1	231		

B E E C H C R A F T
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W I R I N G D I A G R A M M A N U A L



◆ WIRE NUMBERS DUPLICATED FOR LEFT AND RIGHT
WIRE HARNESS INTERCHANGEABILITY.

FUEL VENT HEATERS

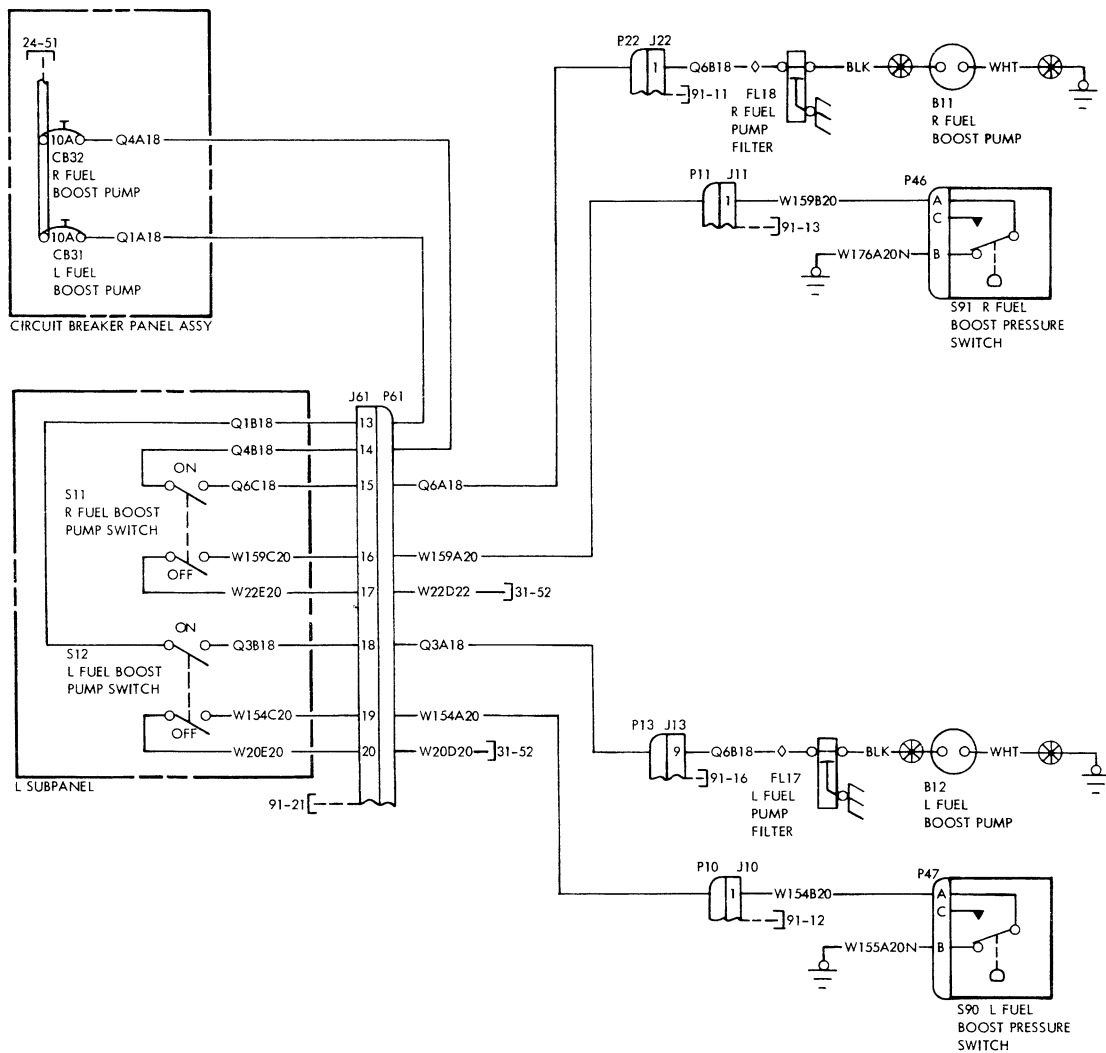
B E E C H C R A F T
BARON 58P
W I R I N G D I A G R A M M A N U A L

28-21-01
DISTRIBUTION-FUEL BOOST PUMPS

B E E C H C R A F T
BARON 58P
W I R I N G D I A G R A M M A N U A L

GAMA/ATA CODE & REF DES	PART NO.	DESCRIPTION	UNITS		USABLE ON CODE
			PER ASSY	INSTL ZONE	
		1 2 3 4 5 6 7			
21-01-B11	60-389010-15	PUMP,RH FUEL BOOST.	1	621	
-B12	60-389010-15	PUMP,LH FUEL BOOST.	1	521	
-CB31	7277-2-10	CIRCUIT BREAKER,LH FUEL BOOST PUMP.	1	251	
-CB32	7277-2-10	CIRCUIT BREAKER,RH FUEL BOOST PUMP.	1	251	
-FL17	5JX2698	FILTER,LH FUEL PUMP	1	521	
-FL18	5JX2698	FILTER,RH FUEL PUMP	1	621	
-J10		RECEPTACLE,LH WHEELWELL ACCESS/SEE 91-12/	1	730	
-J11		RECEPTACLE,RH WHEELWELL ACCESS/SEE 91-13/	1	740	
-J13		RECEPTACLE,LH LEADING EDGE/SEE CHAPTER 91-16/	1	521	
-J22		RECEPTACLE,RH LEADING EDGE/SEE CHAPTER 91-11/	1	621	
-J61		RECEPTACLE,SUBPANEL DISCONNECT/SEE 91-21/	1	231	
-P10		PLUG,LH WHEELWELL ACCESS/SEE CHAPTER 91-12/	1	730	
-P11		PLUG,RH WHEELWELL ACCESS/SEE CHAPTER 91-13/	1	740	
-P13		PLUG,LH LEADING EDGE/SEE CHAPTER 91-16/	1	521	
-P22		PLUG,RH LEADING EDGE/SEE CHAPTER 91-11/	1	621	
-P46	CA3106E10SL3SF80	PLUG,RH FUEL BOOST PRESSURE SWITCH.	1	420	
-P47	CA3106E10SL3SF80	PLUG,LH FUEL BOOST PRESSURE SWITCH.	1	410	
-P61		PLUG,SUBPANEL DISCONNECT/SEE CHAPTER 91/.	1	231	
-S11	35-380053-7	SWITCH,RH FUEL BOOST PUMP	1	240	
-S12	35-380053-7	SWITCH,LH FUEL BOOST PUMP	1	240	
-S90	60-389012-1	SWITCH,LH FUEL BOOST PRESSURE	1	521	
-S91	60-389012-1	SWITCH,RH FUEL BOOST PRESSURE	1	621	

B E E C H C R A F T
B A R O N 5 8 P
W I R I N G D I A G R A M M A N U A L



◇ WIRE NUMBER DUPLICATED FOR LEFT & RIGHT WIRE HARNESS INTERCHANGEABILITY.

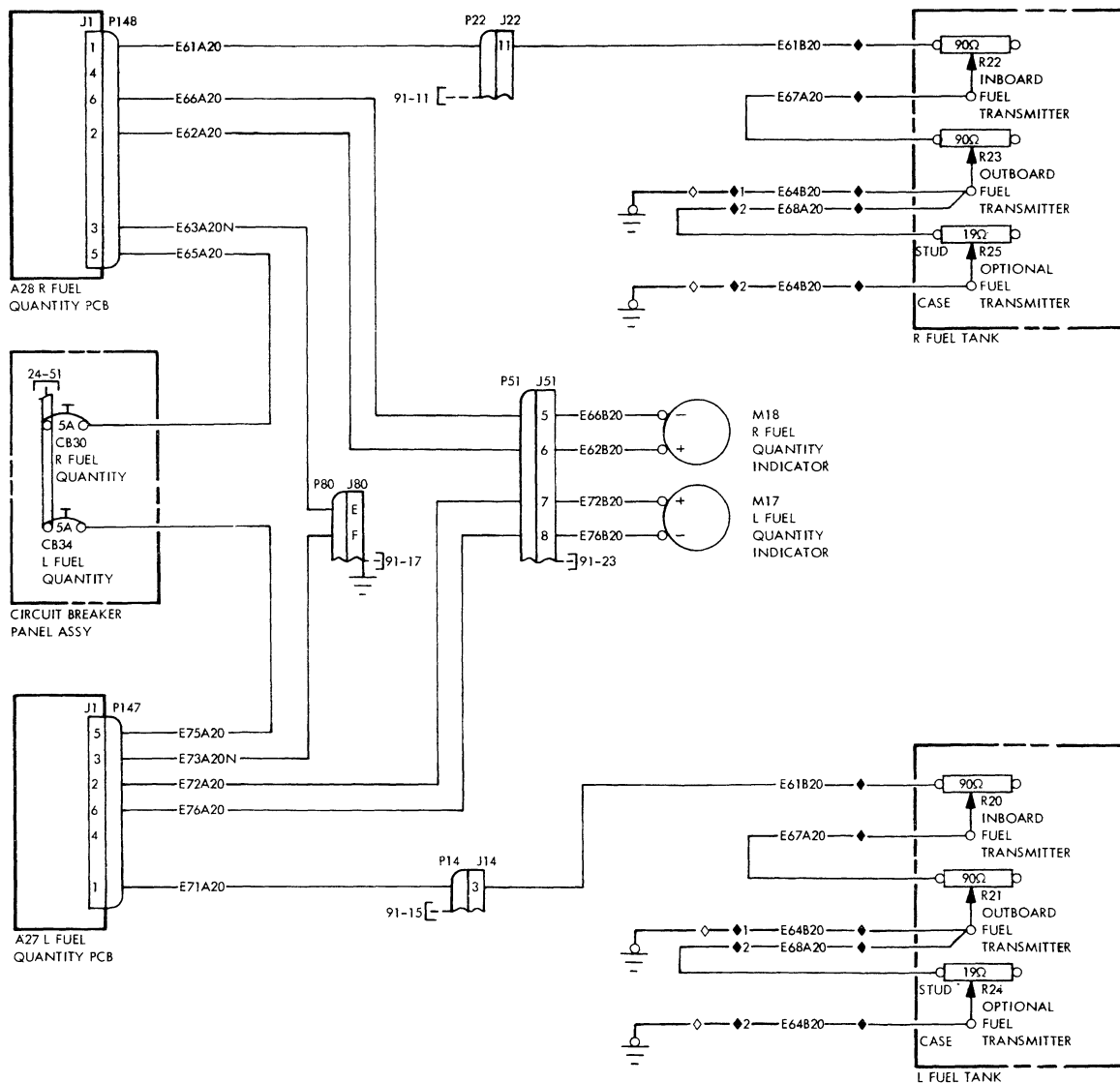
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28-41-01
INDICATING - FUEL QUANTITY,PAGES 2 AND 3
FUEL QUANTITY PC BOARD,PAGES 4 AND 5

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W I R I N G D I A G R A M M A N U A L

GAMA/ATA CODE & REF DES	PART NO.	DESCRIPTION	UNITS		USABLE ON CODE
			PER ASSY	INSTL ZONE	
1 2 3 4 5 6 7					
41-01-A27	58-364058-7	PC BOARD ASSY,LH FUEL QUANTITY/SEE PAGE	1	231	
		4 AND 5 FOR PARTS LIST AND SCHEMATIC/			
-A27J1	207378-1	. RECEPTACLE,PC BOARD ASSY.	1	231	
-A28	58-364058-7	PC BOARD ASSY,RH FUEL QUANTITY/SEE PAGE	1	231	
		4 AND 5 FOR PARTS LIST AND SCHEMATIC/			
-A28J1	207378-1	. RECEPTACLE,PC BOARD ASSY.	1	231	
-CB30	7277-2-5	CIRCUIT BREAKER,RH FUEL QUANTITY.	1	251	
-CB34	7277-2-5	CIRCUIT BREAKER,LH FUEL QUANTITY.	1	251	
-J14		RECEPTACLE,LH LEADING EDGE/SEE CHAPTER 91/.	1	521	
-J22		RECEPTACLE,RH LEADING EDGE/SEE CHAPTER 91/.	1	621	
-J51		RECEPTACLE,INSTRUMENT PANEL DISCONNECT/SEE 91/.	1	231	
-J80		RECEPTACLE,INSTRUMENT PANEL GROUNDING/SEE 91/.	1	231	
-M17	58-380051-5	INDICATOR,LH FUEL QUANTITY/ALTERNATE.	1	240	
		FOR 58-380075-5/			
-M17	58-380075-5	INDICATOR,LH FUEL QUANTITY/ALTERNATE.	1	240	
		FOR 58-380051-5/			
-M17	58-380097-3	INDICATOR,LH FUEL QUANTITY/USED WITH.	1	240	
		OPTIONAL 190 GAL FUEL SYSTEM/			
-M18	58-380051-5	INDICATOR,RH FUEL QUANTITY/ALTERNATE.	1	240	
		FOR 58-380075-5/			
-M18	58-380075-5	INDICATOR,RH FUEL QUANTITY/ALTERNATE.	1	240	
		FOR 58-380051-5/			
-M18	58-380097-3	INDICATOR,RH FUEL QUANTITY/USED WITH.	1	240	
		OPTIONAL 190 GAL FUEL SYSTEM/			
NOTE FUEL INDICATORS MUST BE INSTALLED IN MATCHED PAIRS.					
-P14		PLUG,LH LEADING EDGE/SEE CHAPTER 91/.	1	521	
-P22		PLUG,RH LEADING EDGE/SEE CHAPTER 91/.	1	621	
-P51		PLUG,INSTRUMENT PANEL DISCONNECT/SEE CH 91/.	1	231	
-P80		PLUG,INSTRUMENT PANEL GROUNDING/SEE CH 91/.	1	231	
-P147	207377-1	PLUG HOUSING,LH FUEL QUANTITY PC BOARD ASSY	1	231	
-P147	66105-2	SOCKET CONTACT.	AR	231	
-P148	207377-1	PLUG HOUSING,RH FUEL QUANTITY PC BOARD ASSY	1	231	
-P148	66105-2	SOCKET CONTACT.	AR	231	
-R20	58-380000-3	TRANSMITTER,LH INBOARD FUEL	1	521	
-R21	58-380001-9	TRANSMITTER,LH OUTBOARD FUEL	1	531	
-R22	58-380000-3	TRANSMITTER,RH INBOARD FUEL	1	621	
-R23	58-380001-11	TRANSMITTER,RH OUTBOARD FUEL	1	631	
-R24	002-381000-1	TRANSMITTER,LH OPTIONAL FUEL	1	541	
-R25	002-381000-3	TRANSMITTER,RH OPTIONAL FUEL	1	641	

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- ◆ WIRE NUMBER DUPLICATED FOR LEFT & RIGHT WIRE HARNESS INTERCHANGEABILITY.
- ◆1 WIRE AS SHOWN ON AIRCRAFT NOT HAVING OPTIONAL FUEL TRANSMITTER INSTALLED.
- ◆2 WIRE AS SHOWN ON AIRCRAFT HAVING OPTIONAL FUEL TRANSMITTER INSTALLED.

INDICATING, FUEL QUANTITY

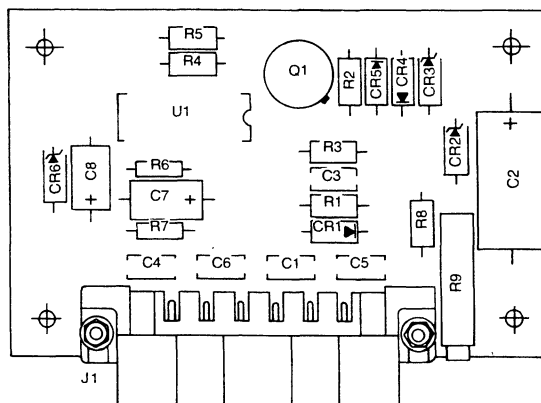
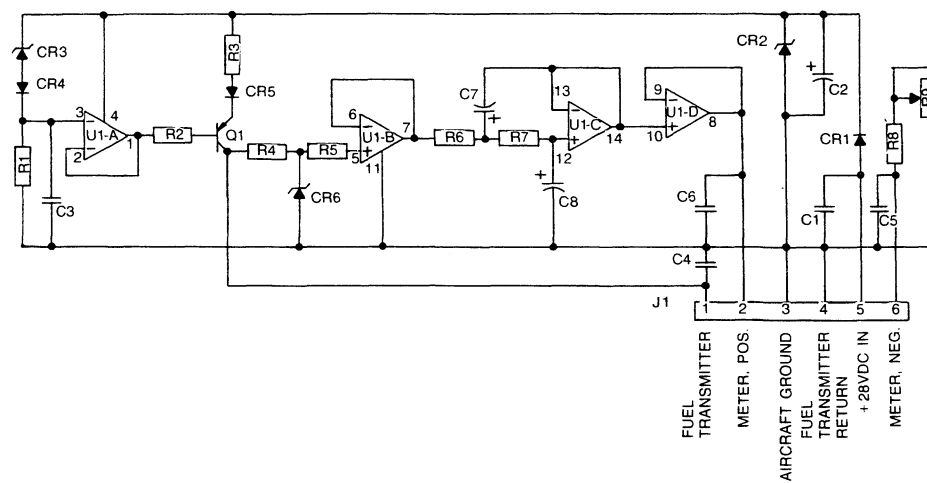
B E E C H C R A F T
BARON 58P
W I R I N G D I A G R A M M A N U A L

GAMA/ATA CODE & REF DES	PART NO.	DESCRIPTION	UNITS			USABLE ON CODE
			1	2	3	
41-01-A27/A28	58-364058-7	PC BOARD ASSY,FUEL QUANTITY INDICATOR	2	231		

NOTE THE A27 AND A28 FUEL QUANTITY PC BOARD
ASSEMBLIES ARE IDENTICAL,THE FOLLOWING
PARTS LIST IS APPLICABLE TO EITHER ONE.

-A27/A28	58-364059-9	. PC BOARD/WITHOUT COMPONENTS/.	1	231		
-C1	CKR06BX104KP	. CAPACITOR	1	231		
-C2	150D476X9035S2	. CAPACITOR	1	231		
-C3	CK06BX104KP	. CAPACITOR	1	231		
-C4	CKR06BX104KP	. CAPACITOR	1	231		
-C5	CKR06BX104KP	. CAPACITOR	1	231		
-C6	CK05BX471K	. CAPACITOR	1	231		
-C7	162D476X9004DD2	. CAPACITOR	1	231		
-C8	126D336X9006DD2	. CAPACITOR	1	231		
-CR1	1N4005	. DIODE	1	231		
-CR2	1N4753	. ZENER DIODE	1	231		
-CR3	1N4734A	. ZENER DIODE	1	231		
-CR4	1N3611	. DIODE	1	231		
-CR5	1N3611	. DIODE	1	231		
-CR6	1N4734A	. ZENER DIODE	1	231		
-J1	207378-1	. CONNECTOR	1	231		
-Q1	2N4036	. TRANSISTOR.	1	231		
-R1	RCR07G302JS	. RESISTOR.	1	231		
-R2	RCR07G102JS	. RESISTOR.	1	231		
-R3	RCR07G471JS	. RESISTOR.	1	231		
-R4	RCR07G103JS	. RESISTOR.	1	231		
-R5	RCR07G102JS	. RESISTOR.	1	231		
-R6	RNC55C4992FS	. RESISTOR.	1	231		
-R7	RNC55C5622FS	. RESISTOR.	1	231		
-R8	RNC55C1541FS	. RESISTOR.	1	231		
-R9	3006P1-102	. POTENTIOMETER	1	231		
-U1	CA124G	. QUAD OP AMP	1	231		

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W I R I N G D I A G R A M M A N U A L



55-369-306

FUEL QUANTITY PC BOARD ASSY

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30-11-01	2	12/09/83	
30-11-01	3	12/09/83	
30-31-01	1	12/09/83.	PITOT & STATIC-PITOT HEAT
30-31-01	2	12/09/83	
30-31-01	3	12/09/83	
30-42-01	1	12/09/83.	WINDSHIELD-ELECTRO THERMAL ANTI-ICE/OPTIONAL/ . .
30-42-01	2	12/09/83	
30-42-01	3	12/09/83	
30-61-01	1	12/09/83.	PROPELLERS - 2 & 3 BLADE ANTI-ICE/OPTIONAL/ . . .
30-61-01	2	12/09/83	
30-61-01	3	12/09/83	

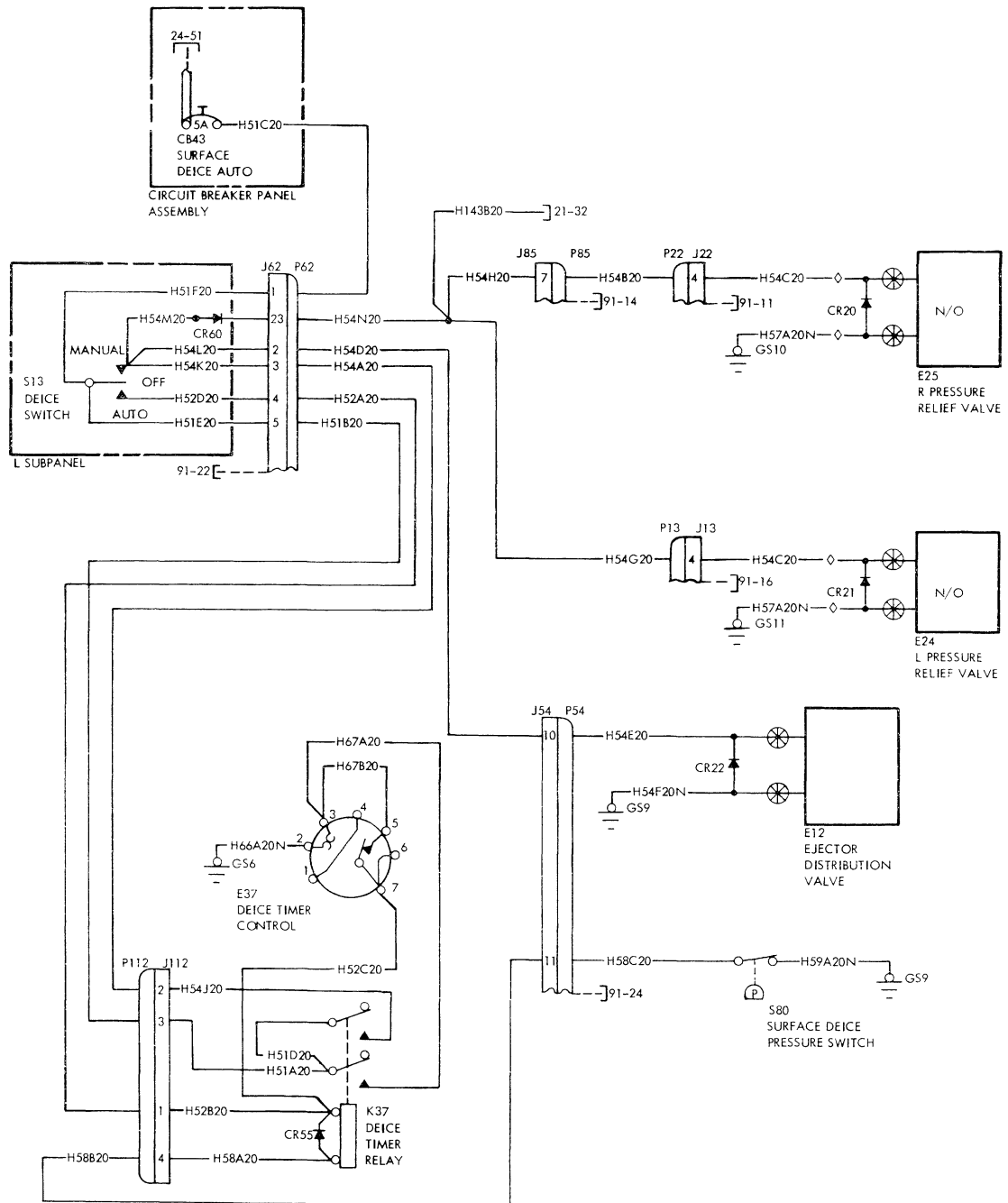
B E E C H C R A F T
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30-11-01
AIRFOIL-SURFACE DEICE/OPTIONAL/

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GAMA/ATA CODE & REF DES	PART NO.	DESCRIPTION	UNITS		USABLE ON CODE
			PER ASSY	INSTL ZONE	
11-01-CB43	7277-2-5	CIRCUIT BREAKER,SURFACE DEICE	1	251	
-CR20	1N4005	DIODE,RH PRESSURE RELIEF VALVE.	1	420	
-CR21	1N4005	DIODE,LH PRESSURE RELIEF VALVE.	1	410	
-CR22	1N4005	DIODE,EJECTOR DISTRIBUTION VALVE.	1	150	
-CR55	1N4005	DIODE,DEICE TIMER RELAY	1	270	
-CR60	1N4005	DIODE	1	240	
-E13	2H59-4	VALVE,EJECTOR DISTRIBUTION.	1	310	
-E24	2H22-11	VALVE,LH PRESSURE RELIEF.	1	410	
-E25	2H22-11	VALVE,RH PRESSURE RELIEF.	1	420	
-E37	102-970000-139	TIMER ASSEMBLY,SURFACE DEICE.	1	270	
-E37	GT5458	. CONTROL,DEICE TIMER	1	270	
-GS6	131270-3	GROUND STUD	1	270	
-GS9	131270-3	GROUND STUD	1	310	
-GS10	131270-3	GROUND STUD	1	420	
-GS11	131270-3	GROUND STUD	1	410	
-J13		RECEPTACLE,LH LEADING EDGE/SEE CHAPTER 91/.	1	521	
-J22		RECEPTACLE,RH LEADING EDGE/SEE CHAPTER 91/.	1	621	
-J54		RECEPTACLE,AFT FUSELAGE ACCESS/SEE CHAPTER 91/.	1	160	
-J62		RECEPTACLE,SUBPANEL DISCONNECT/SEE CHAPTER 91/.	1	231	
-J85		RECEPTACLE,CROSSOVER DISCONNECT/SEE CHAPTER 91/.	1	150	
-J112	207016-1	RECEPTACLE HOUSING,DEICE TIMER RELAY.	1	140	
-J112	66105-2	SOCKET CONTACT.	AR	140	
-K37	50-380048-1	RELAY,DEICE TIMER	1	270	
-P13		PLUG,LH LEADING EDGE/SEE CHAPTER 91/.	1	521	
-P22		PLUG,RH LEADING EDGE/SEE CHAPTER 91/.	1	621	
-P54		PLUG,AFT FUSELAGE ACCESS/SEE CHAPTER 91/.	1	160	
-P62		PLUG,SUBPANEL DISCONNECT/SEE CHAPTER 91/.	1	231	
-P85		PLUG,CROSSOVER DISCONNECT/SEE CHAPTER 91/.	1	150	
-P112	207015-1	PLUG HOUSING,DEICE TIMER RELAY.	1	140	
-P112	66103-2	PIN CONTACT	AR	140	
-S13	35-380053-25	SWITCH,DEICE.	1	240	
-S80	102-970000-143	SWITCH ASSY,SURFACE DEICE PRESSURE.	1	310	
-S80	M4009-17	. SWITCH.	1	310	

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◇ WIRE NUMBERS DUPLICATED FOR LEFT AND RIGHT
WIRE HARNESS INTERCHANGEABILITY.

A I R F O I L - S U R F A C E D E I C E / O P T I O N A L /

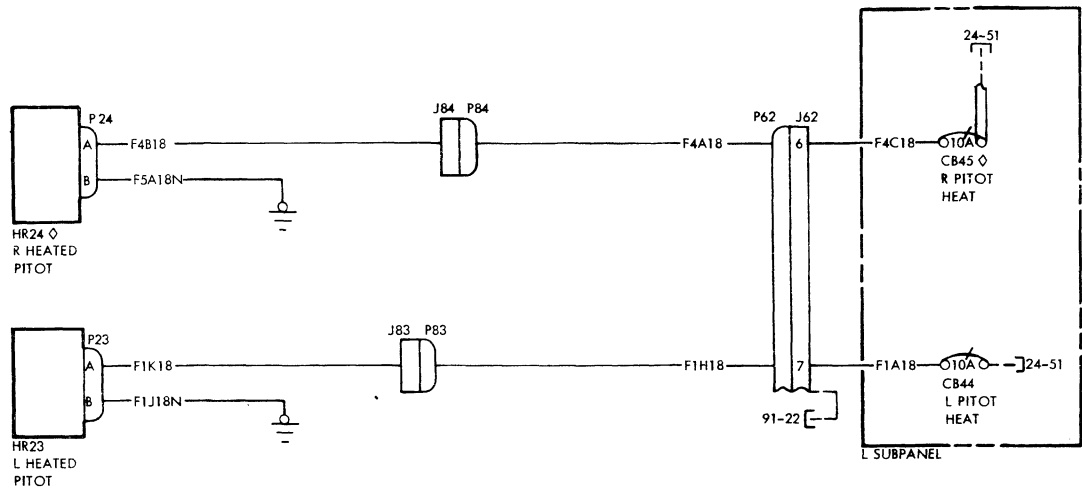
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30-31-01
PITOT & STATIC-PITOT HEAT

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GAMA/ATA CODE & REF DES	PART NO.	DESCRIPTION	UNITS			USABLE ON CODE
			1 2 3 4 5 6 7	PER ASSY	INSTL ZONE	
31-01-CB44	35-380132-3	CIRCUIT BREAKER,LH PITOT HEAT		1	240	
-CB45	35-380132-3	CIRCUIT BREAKER,RH PITOT HEAT		1	240	
-HR23	50-384040	PITOT,LH HEATED		1	131	
-HR24	50-384040	PITOT,RH HEATED		1	632	
-J62		RECEPTACLE,SUBPANEL DISCONNECT/SEE CHAPTER 91/		1	231	
-J83	207535-1	RECEPTACLE HOUSING,LH PITOT HEAT.		1	131	
-J83	66099-2	PIN CONTACT		AR	131	
-J84	207535-1	RECEPTACLE HOUSING,RH PITOT HEAT.		1	132	
-J84	66099-2	PIN CONTACT		AR	132	
-P23	AN3115-1	PLUG,LH HEATED PITOT.		1	131	
-P24	AN3115-1	PLUG,RH HEATED PITOT.		1	132	
-P62		PLUG,SUBPANEL DISCONNECT/SEE CHAPTER 91/		1	231	
-P83	207535-1	PLUG HOUSING,LH PITOT HEAT.		1	131	
-P83	66101-2	SOCKET CONTACT.		AR	131	
-P84	207535-1	PLUG HOUSING,RH PITOT HEAT.		1	132	
-P84	66101-2	SOCKET CONTACT.		AR	132	

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◊ OPTIONAL EQUIPMENT.

PITOT & STATIC-PITOT HEAT

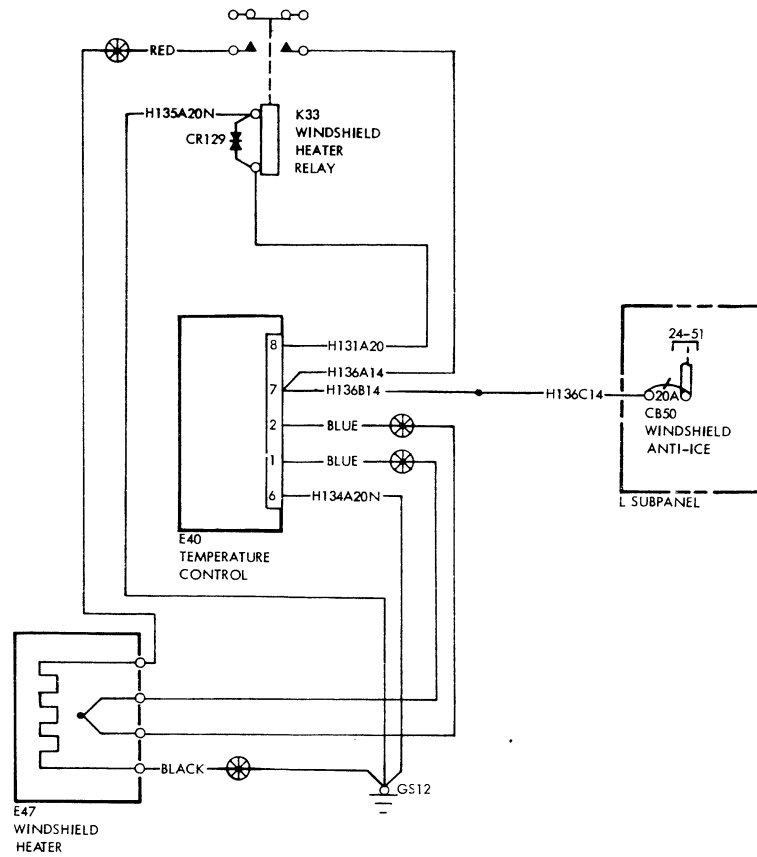
B E E C H C R A F T
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30-42-01
WINDSHIELD-ELECTRO THERMAL ANTI-ICE/OPTIONAL/

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GAMA/ATA CODE & REF DES	PART NO.	DESCRIPTION	UNITS			USABLE ON CODE
			PER ASSY	INSTL ZONE		
42-01-CB50	35-380132-7	CIRCUIT BREAKER,WINDSHIELD ANTI-ICE	1	240		
-CR129	100-361045-1	TRANSZORB,WINDSHIELD HEATER RELAY	1	210		
-E40	100-364295-1	CONTROL,WINDSHIELD TEMPERATURE.	1	210		
-E47	102-384017-9	HEATER,WINDSHIELD/FOR SPARES REPLACEMENT ORDER.	1	231		
		SUPPLY KIT 102-3008 WHICH CONTAINS A COMPLETE WINDSHIELD ASSY WITH CENTER MOUNTED HEATER UNIT/				
-GS12	MS35207-265	SCREW,GROUNDING STUD.	1	231		
-GS12	MS21042L3	NUT,GROUNDING STUD.	1	231		
-GS12	MS35338-43	WASHER,GROUNDING STUD	2	231		
-GS12	AN960-10L	WASHER,GROUNDING STUD	2	231		
-GS12	MS35650-302	NUT,GROUNDING STUD.	1	231		
-GS12	AN960-D10	WASHER,GROUNDING STUD	2	231		
-K33	MS24166D1	RELAY,WINDSHIELD HEATER	1	231		

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WINDSHIELD-ELECTRO THERMAL ANTI-ICE/OPTIONAL/

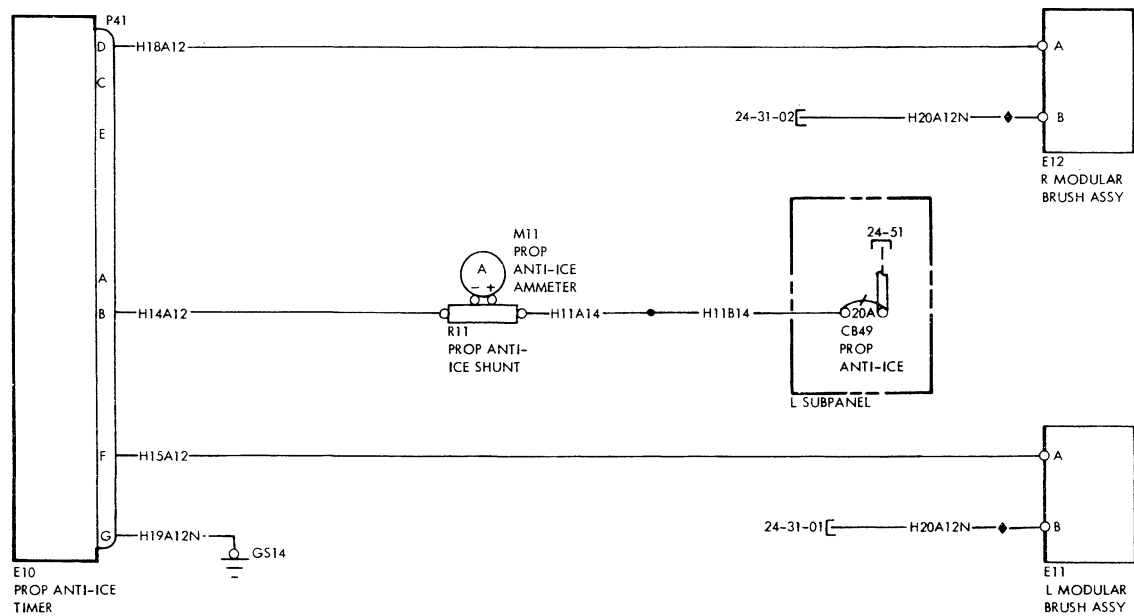
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30-61-01
PROPELLERS - 2 & 3 BLADE ANTI-ICE/OPTIONAL/

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GAMA/ATA CODE & REF DES	PART NO.	DESCRIPTION	UNITS		USABLE ON CODE
			1 2 3 4 5 6 7	PER ASSY	INSTL ZONE
61-01-CB49	35-380132-7	CIRCUIT BREAKER,PROP ANTI-ICE		1	240
-E10	B-45018	TIMER,PROP ANTI-ICE		1	232
-E11	C-40257	BRUSH ASSY,LH MODULAR		1	410
-E12	C-40257	BRUSH ASSY,RH MODULAR		1	420
-GS14	131270-3	GROUND STUD		1	231
-M11	90-380007-11	AMMETER,PROP ANTI-ICE/ALT.FOR 101-389017-11/. . .		1	240
-M11	101-389017-11	AMMETER,PROP ANTI-ICE/ALT.FOR 90-380007-11/. . .		1	240
-P41	MS3106A20-15S	PLUG,PROP ANTI-ICE TIMER.		1	231
-R11	90-380008-1	SHUNT,AMMETER		1	240

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◆ WIRE NUMBER DUPLICATED FOR L & R BRUSH ASSEMBLIES.

PROPELLERS - 2 & 3 BLADE ANTI-ICE/OPTIONAL/

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31-22-01	2	12/09/83	
31-22-01	3	12/09/83	
31-23-01	1	12/09/83.	INDEPENDENT INSTRUMENT-VOLT METER
31-23-01	2	12/09/83	
31-23-01	3	12/09/83	
31-51-01	1	12/09/83.	CENTRAL WARNING SYSTEMS-ANNUNCIATOR LIGHT TEST. .
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31-52-01	1	12/09/83.	CENTRAL WARNING SYSTEMS-ANNUNCIATOR SYSTEMS . . .
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31-52-01	3	12/09/83	
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31-52-02	3	12/09/83	

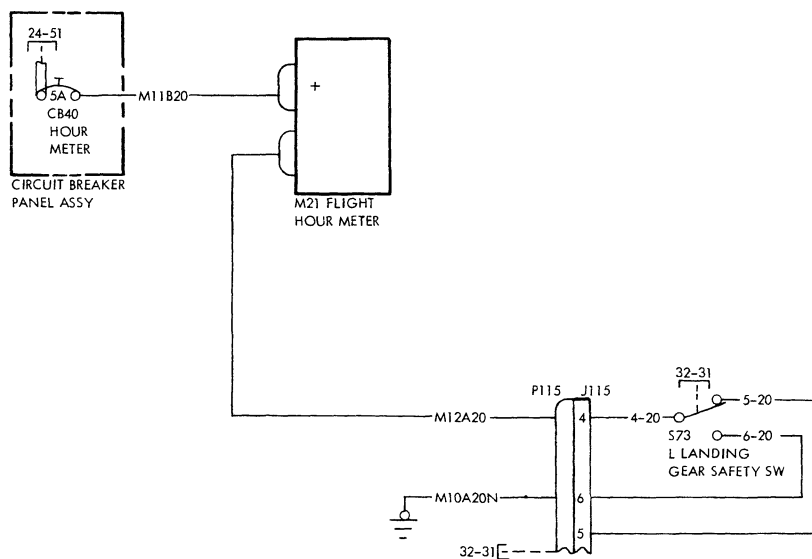
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31-21-01
INDEPENDENT INSTRUMENT-FLIGHT HOUR/OPTIONAL/

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GAMA/ATA CODE & REF DES	PART NO.	DESCRIPTION	UNITS		USABLE ON CODE
			PER ASSY	INSTL ZONE	
		1 2 3 4 5 6 7			
21-01-CB40	7277-2-5	CIRCUIT BREAKER, HOUR METER.	1	251	
-M21	35-380138-5	METER, FLIGHT HOUR	1	251	
-P115	206037-1	PLUG HOUSING, LH LANDING GEAR SWITCH	1	532	
-P115	66101-2	SOCKET CONTACT.	AR	532	
-P115	66105-2	SOCKET CONTACT.	AR	532	
-P115	206070-1	CLAMP, STRAIN RELIEF	1	532	
-S73	102-361000-15	SWITCH ASSY, LH LANDING GEAR SAFETY.	1	730	
-S73	444EN49-6	. SWITCH.	1	730	
-J115	206036-3	. RECEPTACLE HOUSING, LH LANDING GEAR SWITCH	1	532	
-J115	66103-2	. PIN CONTACT	AR	532	
-J115	66099-2	. PIN CONTACT	AR	532	
-J115	206070-1	. CLAMP, STRAIN RELIEF	1	532	

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INDEPENDENT INSTRUMENT-FLIGHT HOUR/OPTIONAL/

B E E C H C R A F T
B A R D N 5 8 P
W I R I N G D I A G R A M M A N U A L

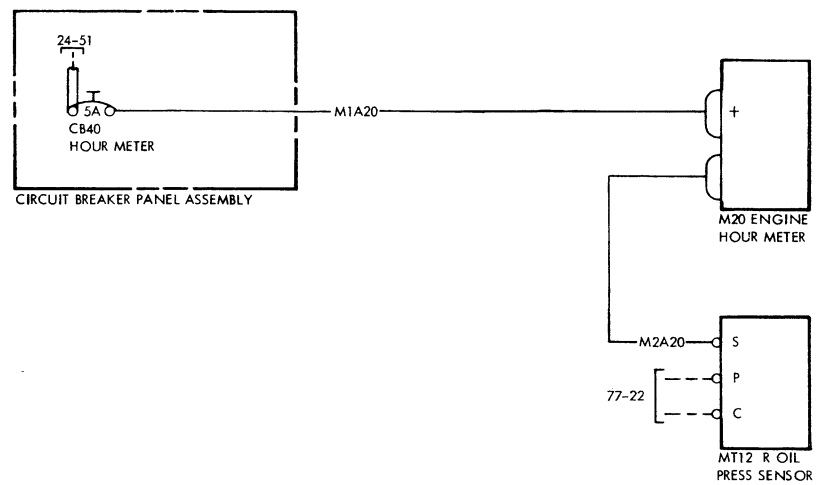
31-22-01
INDEPENDENT INSTRUMENT-ENGINE HOUR METER/OPT/

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BARON 58P
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GAMA/ATA CODE & REF DES	PART NO.	DESCRIPTION	UNITS			USABLE ON CODE
			1	2	3	
22-01-CB40	7277-2-5	CIRCUIT BREAKER, HOUR METER.	1	251		
-M20	35-380138-7	METER, ENGINE HOUR	1	252		
-MT12	102-389017-3	SENSOR, OIL PRESSURE	1	410		

NOTE WHEN THE OPTIONAL ENGINE HOUR METER IS
NOT USED THE OIL PRESSURE SENSOR IS A
DIFFERENT PART NUMBER, SEE CHAPTER 77.

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INDEPENDENT INSTRUMENT-ENGINE HOUR METER/OPT/

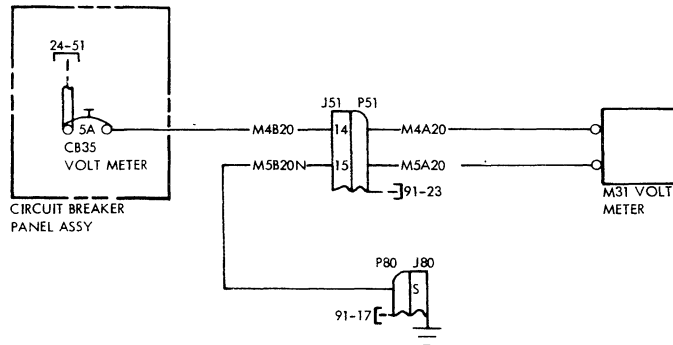
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INDEPENDENT INSTRUMENT-VOLT METER

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GAMA/ATA CODE & REF DES	PART NO.	DESCRIPTION	UNITS		USABLE ON CODE
			PER ASSY	INSTL ZONE	
23-01-C935	7277-2-5	CIRCUIT BREAKER,VOLT METER.	1	251	
-J51		RECEPTACLE,INSTRUMENT PANEL DISCONNECT/SEE 91/.	1	231	
-J80		RECEPTACLE,INSTRUMENT PANEL GROUNDING/SEE 91/.	1	231	
-M31	102-380019-1	METER,VOLT.	1	240	
-P51		PLUG,INSTRUMENT PANEL DISCONNECT/SEE CHAP.91/.	1	231	
-P80		PLUG,INSTRUMENT PANEL GROUNDING/SEE CHAP.91/.	1	231	

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INDEPENDENT INSTRUMENT-VOLT METER

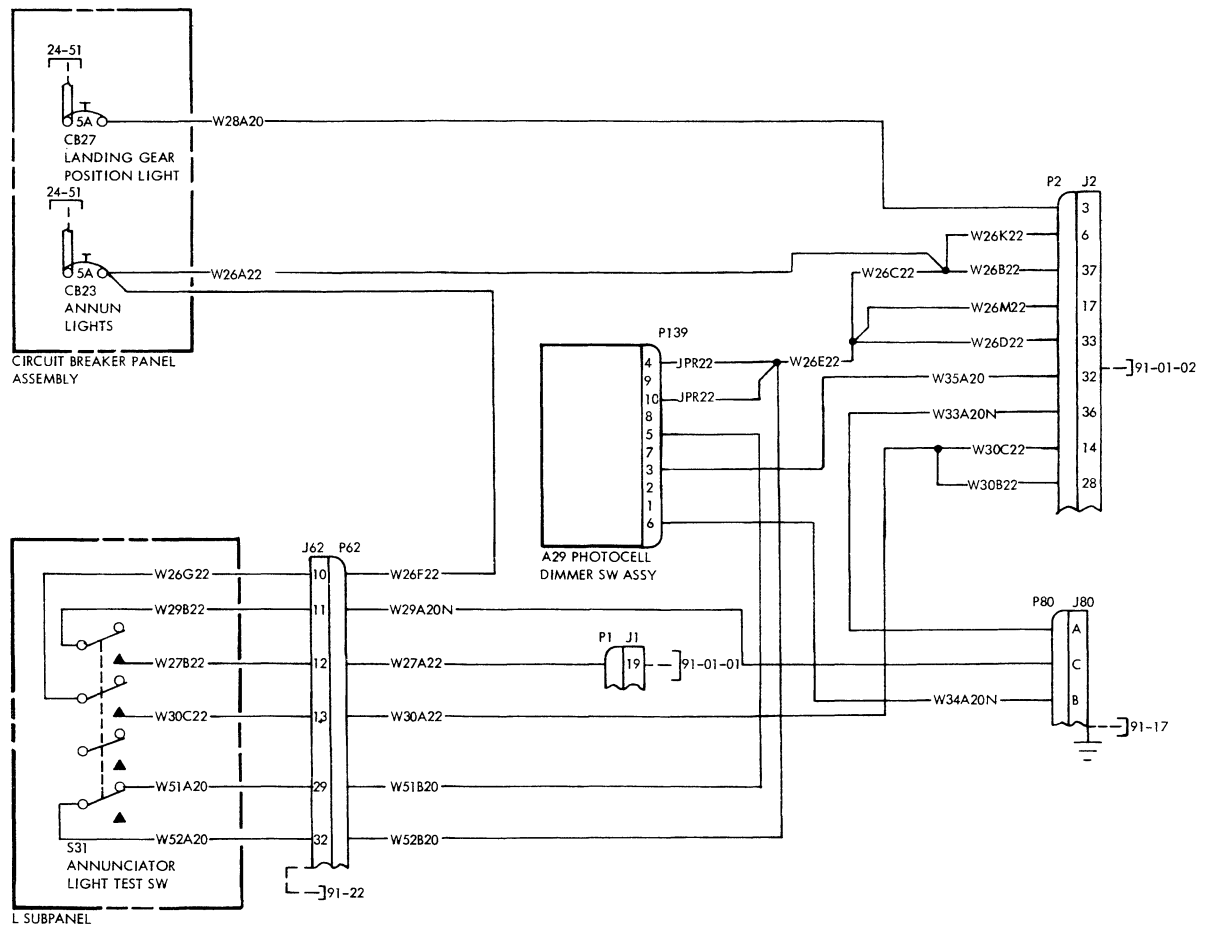
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CENTRAL WARNING SYSTEMS-ANNUNCIATOR LIGHT TEST

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GAMA/ATA CODE & REF DES	PART NO.	DESCRIPTION	UNITS		USABLE ON CODE
			PER ASSY	INSTL ZONE	
		1 2 3 4 5 6 7			
51-01-A29	90-364217-5	SWITCH ASSY,PHOTOCELL DIMMER.	1	240	
-CB23	7277-2-5	CIRCUIT BREAKER,ANNUNCIATOR LIGHTS.	1	251	
-CB27	7277-2-5	CIRCUIT BREAKER,LANDING GEAR POSITION LIGHTS. . .	1	251	
-A19J1		RECEPTACLE,JUNCTION BOX/SEE CHAPTER 91-01/. . .	1	232	
-A19J2		RECEPTACLE,JUNCTION BOX/SEE CHAPTER 91-01/. . .	1	232	
-J62		RECEPTACLE,SUBPANEL DISCONNECT/SEE CHAPTER 91/. .	1	231	
-J80		RECEPTACLE,INSTRUMENT PANEL GROUNDING/SEE 91/. .	1	231	
-A19P1		PLUG,JUNCTION BOX/SEE CHAPTER 91/.	1	232	
-A19P2		PLUG,JUNCTION BOX/SEE CHAPTER 91/.	1	232	
-P62		PLUG,SUBPANEL DISCONNECT/SEE CHAPTER 91/. . . .	1	231	
-P80		PLUG,INSTRUMENT PANEL GROUNDING/SEE CHAPTER 91/. .	1	231	
-P139	87922-1	PLUG HOUSING,PHOTOCELL DIMMER SWITCH ASSY . . .	1	231	
-P139	86016-2	. SOCKET CONTACT.	AR	231	
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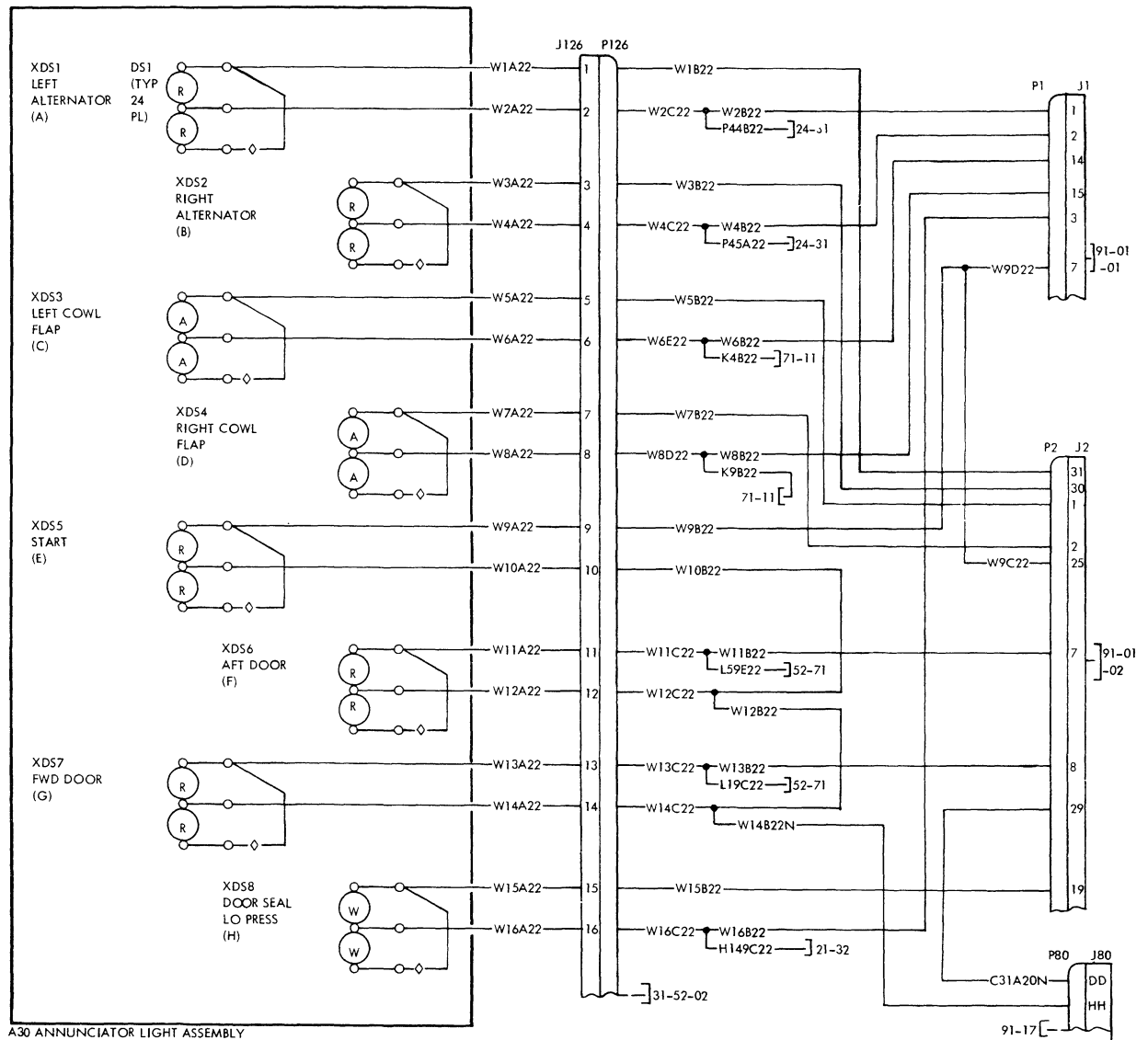
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31-52-01
CENTRAL WARNING SYSTEMS-ANNUNCIATOR SYSTEMS

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GAMA/ATA CODE & REF DES	PART NO.	DESCRIPTION	UNITS		USABLE ON CODE
			1 2 3 4 5 6 7	PER ASSY	INSTL ZONE
52-01-A30	102-364064-1	LIGHT ASSY, CAUTION AND ADVISORY ANNUNCIATOR		1	240
-A30XDS1	654-0931-009	. LENS ASSY, LEFT ALTERNATOR/RED/		1	240
-A30DS1	CM6839	. . LAMP/28 VOLT/		2	240
-A30XDS2	654-0931-010	. LENS ASSY, RIGHT ALTERNATOR/RED/		1	240
-A30DS2	CM6839	. . LAMP.		2	240
-A30XDS3	654-0931-022	. LENS ASSY, L COWL FLAP/AMBER/		1	240
-A30DS3	CM6839	. . LAMP.		2	240
-A30XDS4	654-0931-023	. LENS ASSY, R COWL FLAP/AMBER/		1	240
-A30DS4	CM6839	. . LAMP.		2	240
-A30XDS5	654-0931-002	. LENS ASSY, START/RED/		1	240
-A30DS5	CM6839	. . LAMP.		2	240
-A30XDS6	654-0931-008	. LENS ASSY, AFT DOOR/RED/		1	232
-A30DS6	CM6839	. . LAMP.		2	240
-A30XDS7	654-0931-034	. LENS ASSY, FORWARD DOOR/RED/		1	240
-A30DS7	CM6839	. . LAMP.		2	240
-A30XDS8	654-0931-035	. LENS ASSY, DOOR SEAL LOW PRESSURE.		1	240
-A30DS8	CM6839	. . LAMP.		2	240
-A19J/P1		CONNECTOR, ANNUNCIATOR PC BOARD/SEE CH 91/		1	232
-A19J/P2		CONNECTOR, ANNUNCIATOR PC BOARD/SEE CH 91/		1	232
-J80/P80		CONNECTOR, INST PANEL GROUNDING/SEE CH 91/		1	231
-J126	207305-1	RECEPTACLE HOUSING, ANNUNCIATOR.		1	232
-J126	66103-2	PIN CONTACT		AR	232
-P126	207304-1	PLUG HOUSING, ANNUNCIATOR.		1	232
-P126	66105-2	SOCKET CONTACT.		AR	232

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◇ 22 AWG JUMPER.

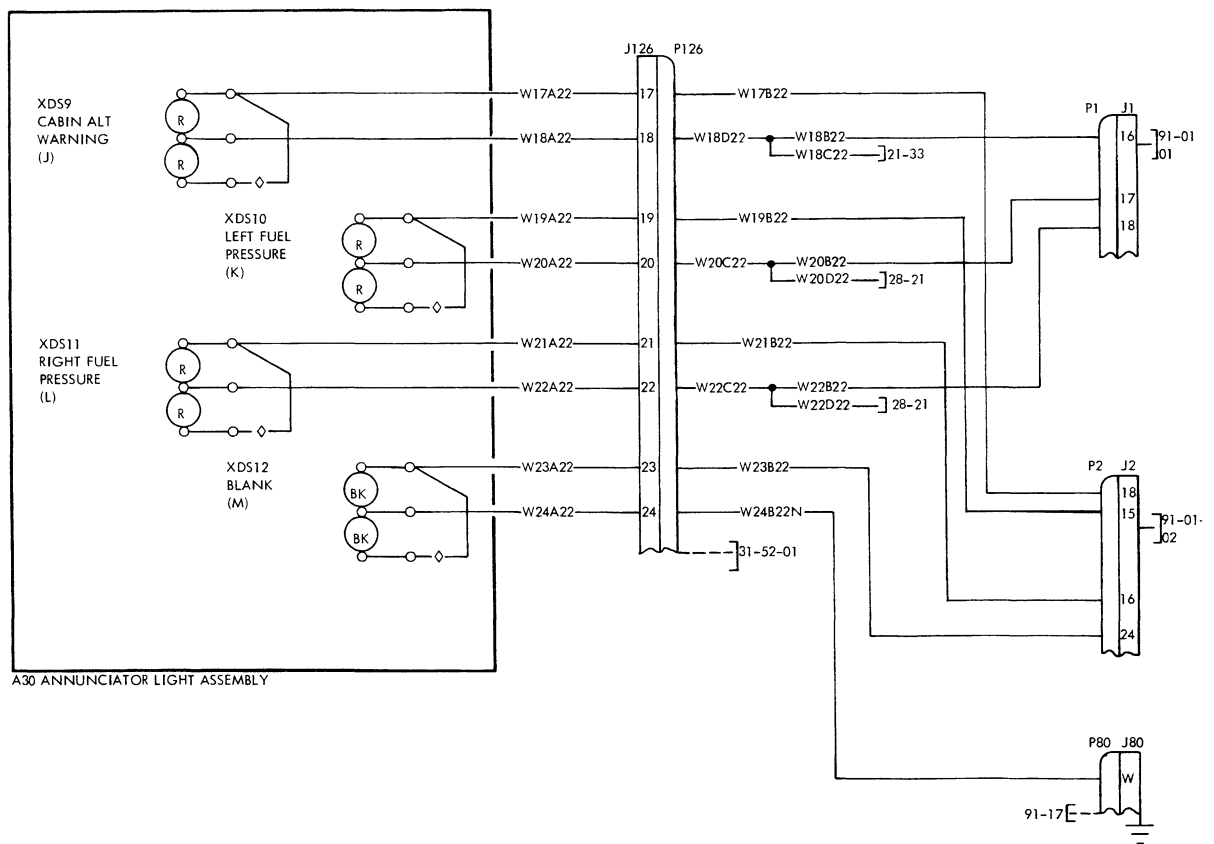
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31-52-02
CENTRAL WARNING SYSTEMS-ANNUNCIATOR SYSTEMS

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GAMA/ATA CODE & REF DES	PART NO.	DESCRIPTION	UNITS		USABLE ON CODE
			PER ASSY	INSTL ZONE	
52-02-A30	102-364064-1	LIGHT ASSY,ANNUNCIATOR.	1	240	
-A30XDS9	654-0931-036	. LENS ASSY,CABIN ALT WARNING/RED/.	1	240	
-A30DS9	CM6839	. . LAMP.	2	240	
-A30XDS10	654-0931-026	. LENS ASSY,LEFT FUEL PRESSURE/RED/	1	240	
-A30DS10	CM6839	. . LAMP.	2	240	
-A30XDS11	654-0931-027	. LENS ASSY,RIGHT FUEL PRESSURE/RED	1	240	
-A30DS11	CM6839	. . LAMP.	2	240	
-A30XDS12	654-0931-039	. LENS ASSY,BLANK	1	240	
-A30DS12	CM6839	. . LAMP.	2	240	
-A19J1/P1		CONNECTOR,JUNCTION BOX ASSY/SEE CHAPTER 91/ . . .	1	232	
-A19J2/P2		CONNECTOR,JUNCTION BOX ASSY/SEE CHAPTER 91/ . . .	1	232	
-J80/P80		CONNECTOR,INST PANEL GROUNDING/SEE CH 91/ . . .	1	231	
-J126	207305-1	RECEPTACLE HOUSING,ANNUNCIATOR ASSY	1	231	
-J126	66103-2	PIN CONTACT	AR	231	
-P126	207304-1	PLUG HOUSING,ANNUNCIATOR ASSY	1	231	
-P126	66105-2	SOCKET CONTACT.	AR	231	

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◇ 22 AWG JUMPER.

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32-31-01	2	12/09/83	AND RELAY
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32-61-01	1	12/09/83.	POSITION AND WARNING - THROTTLE
32-61-01	2	12/09/83	
32-61-01	3	12/09/83	
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32-62-01	2	12/09/83	
32-62-01	3	12/09/83	

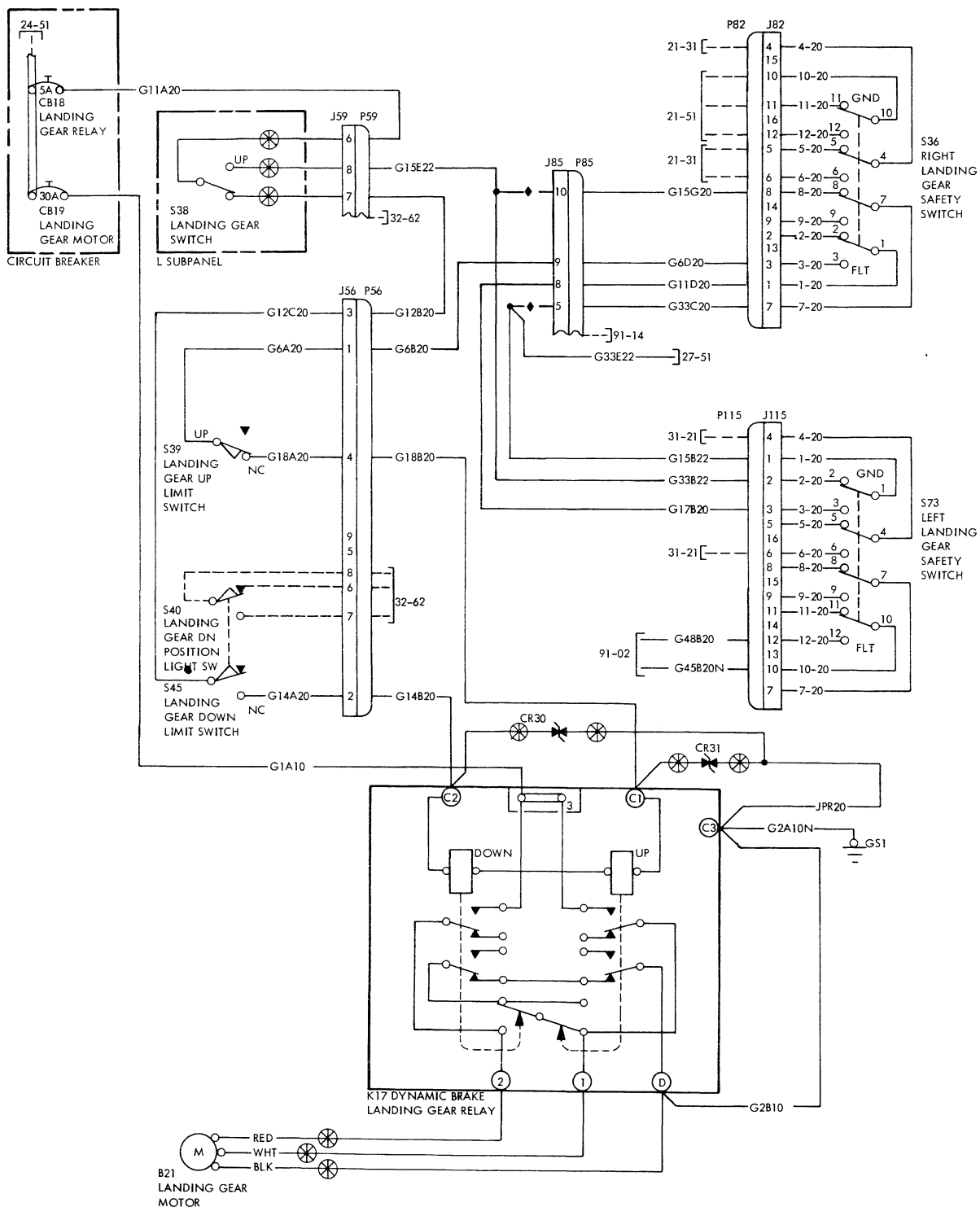
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32-31-01
EXTENSION & RETRACTION-LANDING GEAR MOTOR
AND RELAY

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			PER ASSY	INSTL ZONE	
31-01-B21	58-380090-1	MOTOR, LANDING GEAR.	1	150	
-CB18		CIRCUIT BREAKER, LANDING GEAR RELAY/SEE CH 24/ .	1	251	
-CB19		CIRCUIT BREAKER, LANDING GEAR MOTOR/SEE CH 24/ .	1	251	
-CR30	1 5KE51CA	TRANSZORB	1	150	
-CR31	1 5KE51CA	TRANSZORB	1	150	
-J85/P85		CONNECTOR, CROSSEVER DISCONNECT/SEE CHAPTER 91/. .	1	150	
-K17	6046H39B	RELAY, DYNAMIC BRAKE LANDING GEAR.	1	150	
-P56	207017-1	PLUG HOUSING, LANDING GEAR LIMIT SWITCH.	1	150	
-P56	66105-2	SOCKET CONTACT.	AR	150	
-P59	207439-1	PLUG HOUSING, LANDING GEAR CONTROL	1	231	
-P59	66105-2	SOCKET CONTACT.	AR	231	
-P82	206037-1	PLUG HOUSING, RH LANDING GEAR SAFETY SWITCH. . .	1	632	
-P82	66105-2	SOCKET CONTACT.	AR	632	
-P82	206070-1	CLAMP, STRAIN RELIEF	1	632	
-P115	206037-1	PLUG HOUSING, LH LANDING GEAR SAFETY SWITCH. . .	1	532	
-P115	66105-2	SOCKET CONTACT.	AR	532	
-P115	206070-1	CLAMP, STRAIN RELIEF	1	532	
-S36	102-361000-15	SWITCH ASSY, RH LANDING GEAR SAFETY.	1	740	
-S36	44EN49-6	. SWITCH.	1	740	
-J82	206036-3	. RECEPTACLE HOUSING.	1	632	
-J82	66103-2	. PIN CONTACT	AR	632	
-J82	206070-1	. CLAMP, STRAIN RELIEF	1	632	
-S38	36-380050-1	SWITCH ASSY LANDING GEAR CONTROL.	1	240	
-S38	111SM2-T	. SWITCH.	1	240	
-J59	207440-1	. RECEPTACLE HOUSING.	1	231	
-J59	66103-2	. PIN CONTACT	AR	231	
-DS145	855SI-GL5QB-P6	. LIGHT ASSY/SEE POSITION AND WARNING-LG/ . . .	3	240	
-DS144	855SI-RL2QB-P6	. LIGHT ASSY/SEE POSITION AND WARNING-LG/ . . .	1	240	
	002-364013-35	SWITCH ASSY, LANDING GEAR LIMIT/S39, S40, S45, . .	1	150	
		AND J56 ARE A PART OF THIS ASSY/			
-S39	MS25026-1	. SWITCH, UP LIMIT	1	150	
-S40	MS25026-1	. SWITCH, DOWN POSITION LIGHT.	1	150	
-S45	MS25026-1	. SWITCH, DOWN LIMIT	1	150	
	002-361013-33	. INSULATOR, SWITCH.	3	150	
	002-364013-17	. ACTUATOR, SWITCH	3	150	
	002-364013-13	. PLATE, SWITCH.	1	150	
	002-364013-11	. TAB, SWITCH.	1	150	
-J56	207018-1	. RECEPTACLE HOUSING.	1	150	
-J56	66103-2	. PIN CONTACT	AR	150	
-S73	102-361000-15	SWITCH ASSY, LH LANDING GEAR SAFETY.	1	730	
-S73	44EN49-6	. SWITCH.	1	730	
-J115	206036-3	. RECEPTACLE HOUSING.	1	730	
-J115	66103-2	. PIN CONTACT	AR	730	
-J115	206070-1	. CLAMP, STRAIN RELIEF	1	730	

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EXTENSION & RETRACTION-LOG GEAR MOTOR & RELAY

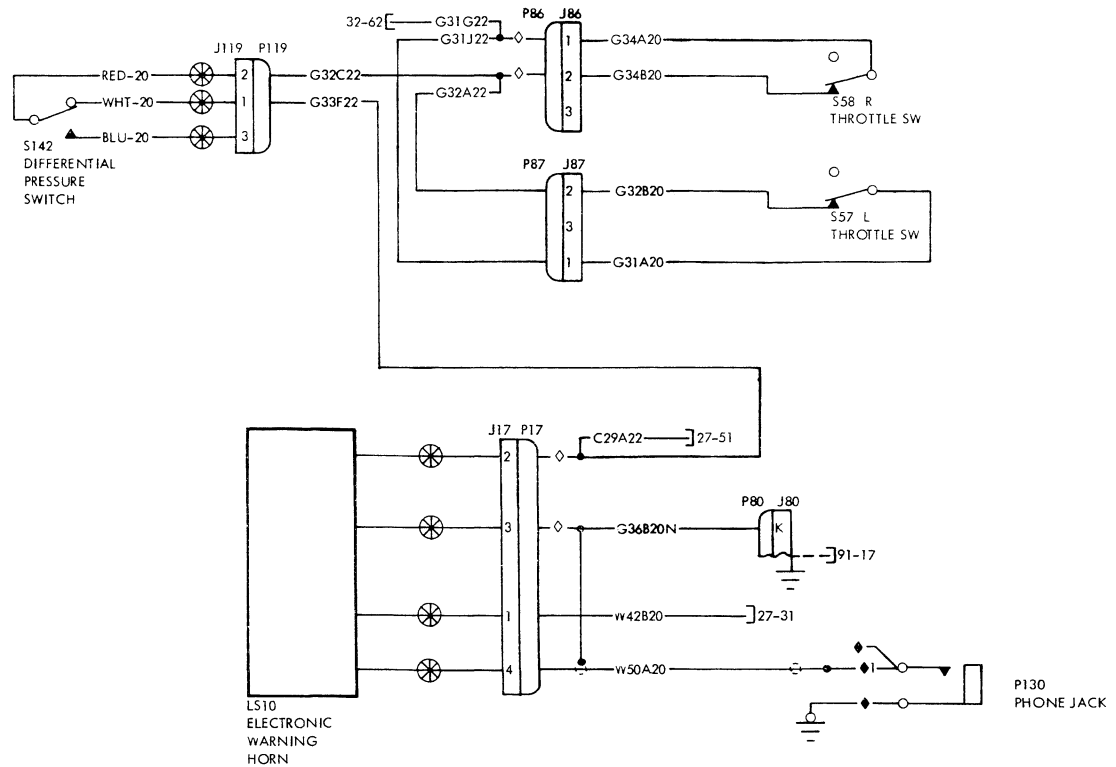
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32-61-01
POSITION AND WARNING - THROTTLE

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			4	5	6	7
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-J17	66103-2	PIN CONTACT	AR	231		
-J80		RECEPTACLE,INST PANEL GROUNDING/SEE CH 91/.	1	231		
-J86	207359-1	RECEPTACLE HOUSING,RH THROTTLE SWITCH	1	231		
-J86	66103-2	PIN CONTACT	AR	231		
-J87	207359-1	RECEPTACLE HOUSING,LH THROTTLE SWITCH	1	231		
-J87	66103-2	PIN CONTACT	AR	231		
-J119	1-48070-1	RECEPTACLE HOUSING,DIFFERENTIAL PRESSURE SWITCH	1	231		
-J119	350547-1	PIN CONTACT	AR	231		
-LS10	102-384040-1	ELECTRONIC WARNING HORN,LANDING GEAR.	1	231		
-P17	207015-1	PLUG HOUSING,ELECTRONIC WARNING HORN.	1	231		
-P17	66105-2	SOCKET CONTACT.	AR	231		
-P80		PLUG,INSTRUMENT PANEL GROUNDING/SEE CHAPTER 91/.	1	231		
-P86	207360-1	PLUG HOUSING,RH THROTTLE SWITCH	1	232		
-P86	66105-2	SOCKET CONTACT.	AR	232		
-P87	207360-1	PLUG HOUSING,LH THROTTLE SWITCH	1	231		
-P87	66105-2	SOCKET CONTACT.	AR	231		
-P119	1-480700-0	PLUG HOUSING,DIFFERENTIAL PRESSURE SWITCH	1	231		
-P119	350550-1	SOCKET CONTACT.	AR	231		
-P130	JJ034	PHONE JACK.	2	240		
-S57	V3-101	SWITCH,LH THROTTLE.	1	231		
-S58	V3-101	SWITCH,RH THROTTLE.	1	231		
-S142	102-384025-1	SWITCH,DIFFERENTIAL PRESSURE.	1	231		

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- ◆ SEE AVIONICS DWG FOR APPROPRIATE CONNECTION.
- ◆ 20 AWG JUMPER.
- ◇ 22 AWG JUMPER.

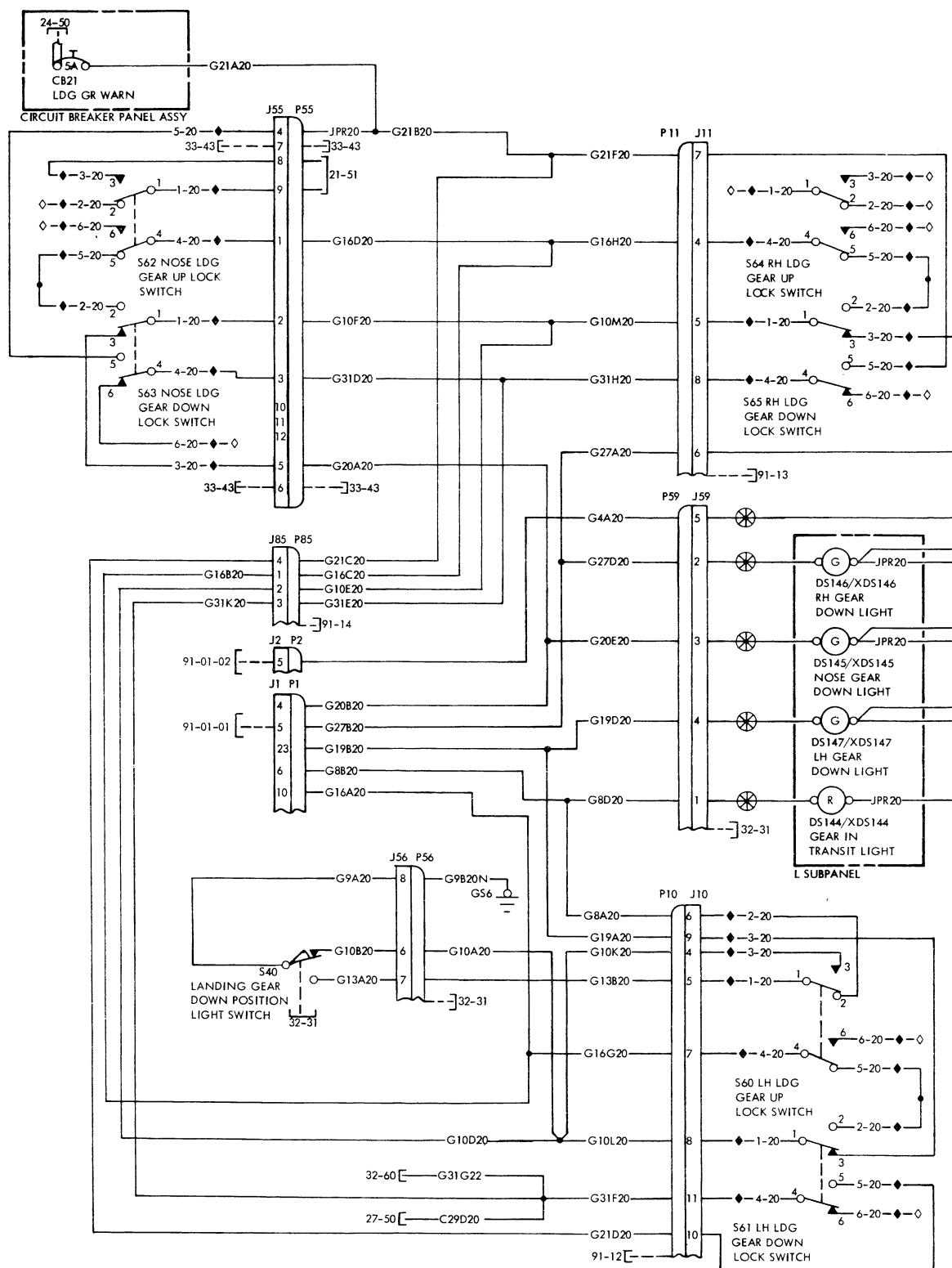
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32-62-01
POSITION & WARNING-LANDING GEAR POSITION IND.

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GAMA/ATA CODE & REF DES	PART NO.	DESCRIPTION	UNITS		USABLE ON CODE
			PER ASSY	INSTL ZONE	
		1 2 3 4 5 6 7			
62-01-CB21	7277-2-5	CIRCUIT BREAKER, LANDING GEAR WARNING.	1	251	
-GS6	131270-3	GROUND STUD	1	270	
-A19J/P1		CONNECTOR, JUNCTION BOX ASSY/SEE CHAPTER 91/ . . .	1	232	
-A19J/P2		CONNECTOR, JUNCTION BOX ASSY/SEE CHAPTER 91/ . . .	1	232	
-J10/P10		CONNECTOR, L WHEELWELL ACCESS/SEE CHAPTER 91/. . .	1	730	
-J11/P11		CONNECTOR, R WHEELWELL ACCESS/SEE CHAPTER 91/. . .	1	740	
-J55	207810-1	RECEPTACLE HOUSING, NOSE GEAR LIMIT SWITCH . . .	1	131	
-J55	66103-2	PIN CONTACT	AR	131	
-J56	207440-1	RECEPTACLE HOUSING, LANDING GEAR LIMIT SWITCH. .	1	250	
-J56	66103-2	PIN CONTACT	AR	250	
-J59	207440-1	RECEPTACLE HOUSING, LANDING GEAR CONTROL SWITCH. .	1	231	
		AND POSITION LIGHTS ASSY			
-J59	66103-2	PIN CONTACT	AR	231	
-J85		RECEPTACLE, CROSSOVER/SEE CHAPTER 91/.	1	150	
-P55	207579-1	PLUG HOUSING, NOSE GEAR LIMIT SWITCH	1	131	
-P55	66105-2	SOCKET CONTACT.	AR	131	
-P56	207439-1	PLUG HOUSING, LANDING GEAR LIMIT SWITCH ASSY . . .	1	150	
-P56	66105-2	SOCKET CONTACT.	AR	150	
-P59	207439-1	PLUG HOUSING, LANDING GEAR CONTROL SWITCH ASSY . .	1	231	
-P59	66105-2	SOCKET CONTACT.	AR	231	
-P85		PLUG, CROSSOVER DISCONNECT/SEE CHAPTER 91/ . . .	1	150	
-S40	MS25026-1	SWITCH, LANDING GEAR DOWN POSITION LIGHT/PART. . .	1	150	
		OF THE LIMIT SWITCH ASSY/			
-S60	100-381006-1	SWITCH, LH LANDING GEAR UP LOCK.	1	730	
-S61	100-381006-1	SWITCH, LH LANDING GEAR DOWN LOCK.	1	730	
-S62	100-381006-1	SWITCH, NOSE GEAR UP LOCK.	1	131	
-S63	100-381006-1	SWITCH, NOSE GEAR DOWN LOCK.	1	131	
-S64	100-381006-1	SWITCH, RH LANDING GEAR UP LOCK.	1	740	
-S65	100-381006-1	SWITCH, RH LANDING GEAR DOWN LOCK.	1	740	
-XDS144	855SI-R2QB-P6	LAMP ASSY, GEAR IN TRANSIT/PART OF THE LANDING . .	1	240	
		GEAR CONTROL SWITCH ASSY/			
-DS144	MS25237-327	. BULB.	1	240	
-XDS145	855SI-G5QB-P6	LAMP ASSY, NOSE GEAR DOWN/PART OF THE LANDING. . .	1	240	
		GEAR CONTROL SWITCH ASSY/			
-DS145	MS25237-327	. BULB.	1	240	
-XDS146	855SI-G5QB-P6	LAMP ASSY, RH GEAR DOWN/PART OF THE LANDING. . .	1	240	
		GEAR CONTROL SWITCH ASSY/			
-DS146	MS25237-327	. BULB.	1	240	
-XDS147	855SI-G5QB-P6	LAMP ASSY, LH GEAR DOWN/PART OF THE LANDING. . .	1	240	
		GEAR CONTROL SWITCH ASSY/			
-DS147	MS25237-327	. BULB.	1	240	

**BEECHCRAFT
BARON 58P
WIRING DIAGRAM MANUAL**



POSITION & WARNING-LANDING GEAR POSITION IND

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33-43-01	1	12/09/83.	EXTERIOR-TAXI LIGHT/OPTIONAL/
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33-44-01	1	12/09/83.	EXTERIOR-ROTATING BEACON.
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33-47-01	3	12/09/83	

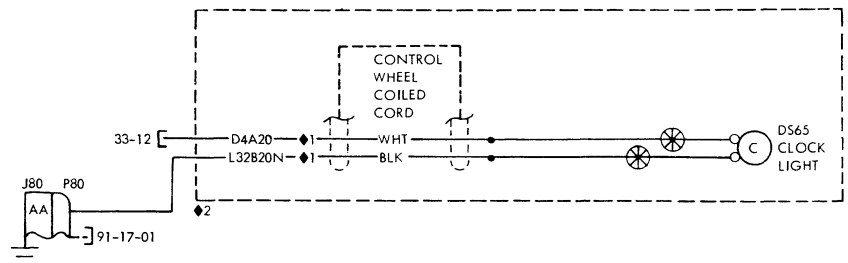
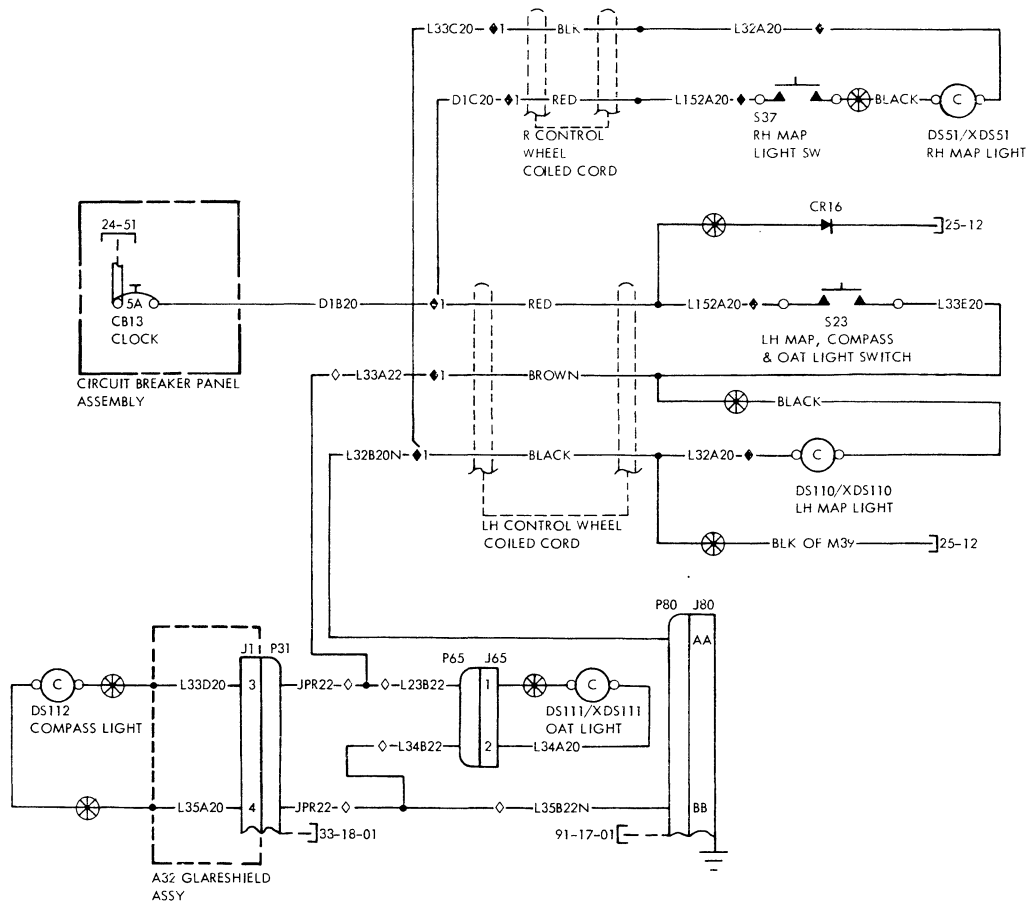
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FLIGHT COMPARTMENT-MAP,COMPASS & OAT LIGHTS

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			PER ASSY	INSTL ZONE	ON CODE	
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-CR16	1N4005	DIODE,CONTROL WHEEL DIGITAL CLOCK	1	251		
-DS51	1495	LAMP,RH MAP LIGHT	1	252		
-DS65	267	LAMP,CONTROL WHEEL CLOCK/OPTIONAL EIGHT DAY/.	1	251		
-DS110	1495	LAMP,LH MAP LIGHT	1	251		
-DS111	327	LAMP,OAT LIGHT.	1	252		
-DS112	MS25237-327	LAMP,COMPASS.	1	252		
-A32J1	207153-1	RECEPTACLE HOUSING,GLARESHIELD ASSY FLOOD	1	252		
		AND COMPASS LIGHTS				
-A32J1	66103-2	PIN CONTACT	AR	252		
-J65	1-480319	RECEPTACLE HOUSING,OAT LIGHT.	1	252		
-J65	60618-1	PIN CONTACT	AR	252		
-J80/P80		CONNECTOR,INST PANEL GROUNDING/SEE CH 91/.	1	251		
-P31	207152-1	PLUG HOUSING,GLARESHIELD FLOOD AND COMPASS LFS.	1	231		
-P31	66105-2	SOCKET CONTACT.	AR	231		
-P65	1-480318-0	PLUG HOUSING,OAT LIGHT.	1	252		
-P65	60617-1	SOCKET CONTACT.	AR	252		
-S23	J20125-03	SWITCH,LH MAP,COMPASS AND OAT LIGHT	1	251		
-S37	J20125-03	SWITCH,RH MAP LIGHT	1	252		
-XDS51	96-364090-4	BRACKET ASSY,RH MAP LIGHT	1	252		
-XDS51	96-364090-6	. BRACKET	1	252		
-XDS51	4165-261	. LAMPHOLDER.	1	252		
-XDS110	96-364090-3	BRACKET ASSY,LH MAP LIGHT	1	251		
-XDS110	96-364090-5	. BRACKET	1	251		
-XDS110	4165-261	. LAMPHOLDER.	1	251		
-XDS111	A67958	LAMPHOLDER,OAT LIGHT.	1	252		
	101-384118-1	COILED CORD,PILOT CONTROL WHEEL/ALTERNATE	1	240		
		FOR 101-384082-5 OR 101-384118-1/				
	8409	COILED CORD,COPILOT CONTROL WHEEL	1	240		
	RCN2774	COILED CORD/SPARES REPLACEMENT FOR EITHER	1	240		
		PILOT OR COPILOT COILED CORD/				

B E E C H C R A F T
BARON 58P
W I R I N G D I A G R A M M A N U A L



- ◆2 ON ACFT HAVING OPTIONAL EIGHT DAY WIND CLOCK INSTALLED.
- ◆1 FOR MODE OF CONNECTION SEE APPLICABLE AVIONICS DRAWING.
- ◆ WIRE DUPLICATED FOR LH & RH EASE OF INSTL.
- ◇ 22 AWG JUMPER.

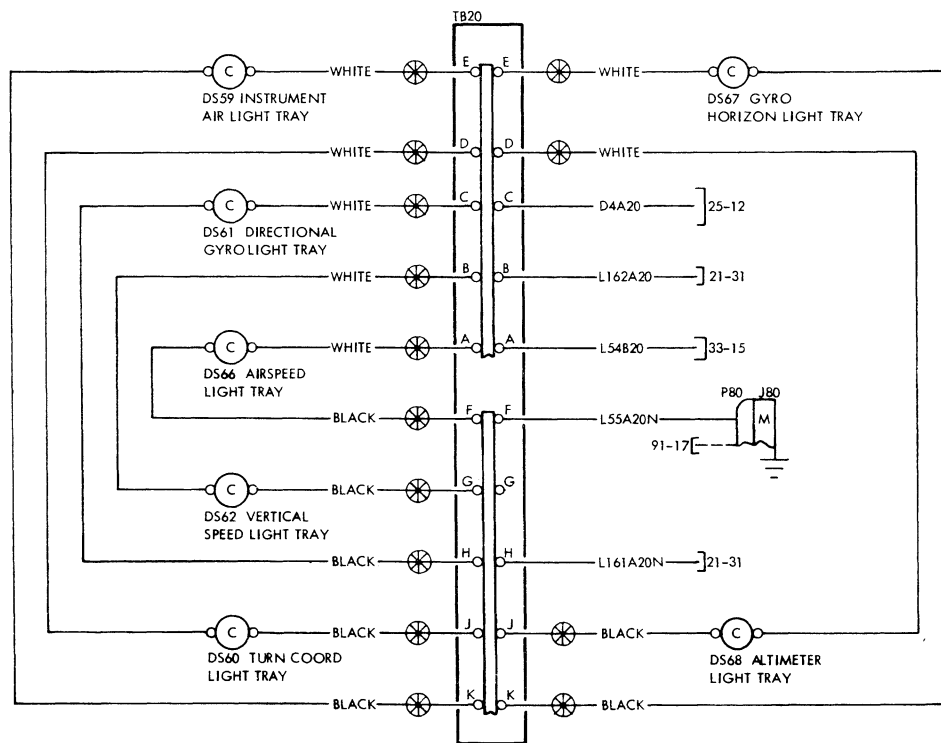
B E E C H C R A F T
BARON 58P
W I R I N G D I A G R A M M A N U A L

33-12-01
FLIGHT COMPARTMENT-FLIGHT INSTRUMENT LIGHTING

B E E C H C R A F T
BARON 58P
W I R I N G D I A G R A M M A N U A L

GAMA/ATA CODE & REF DES	PART NO.	DESCRIPTION	UNITS		USABLE
			PER	INSTL	
		1 2 3 4 5 6 7	ASSY	ZONE	ON CODE
12-01-DS59	58-380022-13	LIGHT TRAY ASSY,INSTRUMENT AIR.	1	240	
-DS59	267	. LAMP.	2	240	
-DS60	58-380022-13	LIGHT TRAY ASSY,TURN CORDINATOR	1	240	
-DS60	267	. LAMP.	2	240	
-DS61	58-380022-13	LIGHT TRAY ASSY,DIRECTIONAL GYRO.	1	240	
-DS61	267	. LAMP.	2	240	
-DS62	58-380022-13	LIGHT TRAY ASSY,VERTICAL SPEED.	1	240	
-DS62	267	. LAMP.	2	240	
-DSD66	58-380022-13	LIGHT TRAY ASSY,AIRSPEED.	1	240	
-DS66	267	. LAMP.	2	240	
-DS67	58-380022-13	LIGHT TRAY ASSY,GYRO HORIZON.	1	240	
-DS67	267	. LAMP.	2	240	
-DS68	58-380022-13	LIGHT TRAY ASSY,ALTIMETER	1	240	
-DS68	267	. LAMP.	2	240	
-J80/P80		CONNECTOR,INST PANEL GROUNDING/SEE CH 91/	1	231	
-TB20	M81714/7AB1	TERMINAL BOARD,INSTRUMENT LIGHTING.	1	231	
-TB20	M39029/1-16-20	PIN CONTACT	AR	231	

B E E C H C R A F T
BARON 58P
W I R I N G D I A G R A M M A N U A L



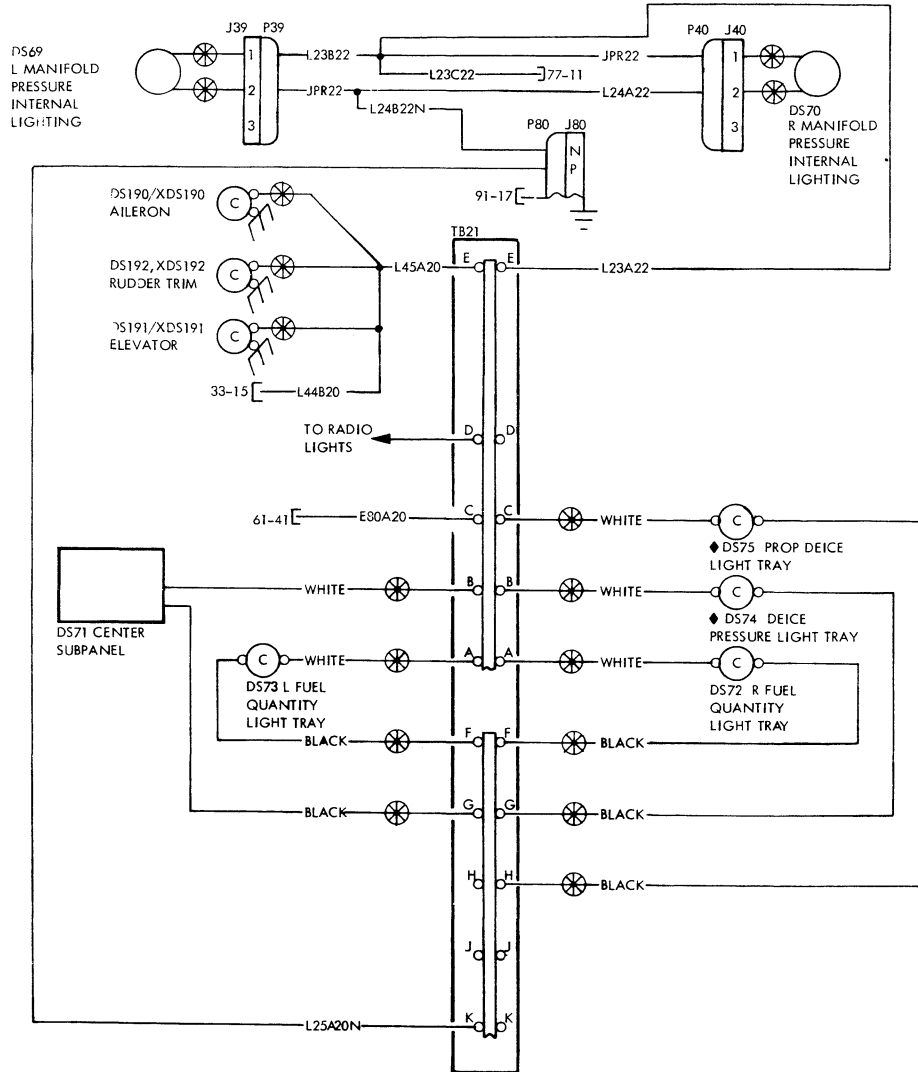
B E E C H C R A F T
BARON 58P
W I R I N G D I A G R A M M A N U A L

33-13-01
FLIGHT COMPARTMENT-ENGINE INSTRUMENT LIGHTING

B E E C H C R A F T
BARON 58P
W I R I N G D I A G R A M M A N U A L

GAMA/ATA CODE & REF DES	PART NO.	DESCRIPTION	UNITS		USABLE
			PER ASSY	INSTL ZONE	ON CODE
13-01-DS69		LAMP,LH MANIFOLD PRESSURE IND/PART OF THE . . .	1	240	
		102-380017-5 INTERNALLY LIT INDICATOR/			
-DS70		LAMP,RH MANIFOLD PRESSURE IND/PART OF THE . . .	1	240	
		102-380017-5 INTERNALLY LIT INDICATOR AND MUST BE REPLACED BY A CERTIFIED REPAIRMAN			
-DS71	102-384035-3	EDGE LIGHTED CENTER SUBPANEL	1	240	
-DS72	58-380022-13	LIGHT TRAY ASSY, RH FUEL QUANTITY	1	240	
-DS72	267	. LAMP.	1	240	
-DS73	58-380022-13	LIGHT TRAY ASSY,LH FUEL QUANTITY.	1	240	
-DS73	267	. LAMP.	1	240	
-DS74	58-380022-13	LIGHT TRAY ASSY,DEICE PRESSURE.	2	240	
-DS74	267	. LAMP.	1	240	
-DS75	58-380022-13	LIGHT TRAY ASSY,PROP DEICE.	1	240	
-DS75	267	. LAMP.	2	240	
-J39	207359-1	RECEPTACLE HOUSING,LH MANIFOLD PRESSURE IND LT.	1	231	
		/COMES AS PART OF THE INDICATOR/			
-J39	66103-2	PIN CONTACT	NP	231	
-J40	207359-1	RECEPTACLE HOUSING,RH MANIFOLD PRESSURE IND LT.	1	231	
		/COMES AS PART OF THE INDICATOR/			
-J40	66103-2	PIN CONTACT	NP	231	
-J80		GROUNDING BLOCK/SEE CHAPTER 91/	1	231	
-P39	207360-1	PLUG HOUSING,LH MANIFOLD PRESSURE LIGHT	1	231	
-P39	66105-2	SOCKET CONTACT.	AR	231	
-P40	207360-1	PLUG HOUSING,RH MANIFOLD PRESSURE LIGHT	1	231	
-P40	66105-2	SOCKET CONTACT.	AR	231	
-P80		PLUG,INSTRUMENT PANEL GROUNDING/SEE CHAPTER 91/	1	231	
-TB21	M81714/2AB1	TERMINAL BLOCK,ENGINE INSTRUMENT LIGHTING . . .	1	231	
-XDS190	A7195-4-334	LAMPHOLDER,AILERON TRIM LIGHT ASSY.	1	240	
-DS190	334	. LAMP.	1	240	
-XDS191	A1795-4-334	LAMPHOLDER,ELEVATOR TRIM LIGHT ASSY	1	240	
-DS191	334	. LAMP.	1	240	
-XDS192	A7195-4-334	LAMPHOLDER,RUDDER TRIM LIGHT ASSY	1	240	
-DS192	334	. LAMP.	1	240	

B E E C H C R A F T
B A R O N 5 8 P
W I R I N G D I A G R A M M A N U A L



NOTE: DUE TO PANEL MODIFICATIONS, LIGHTS MAY
BE MOVED TO DIFFERENT TERMINAL BLOCKS TO
MAINTAIN PROPER GROUP DIMMING.

◆ OPTIONAL EQUIPMENT.

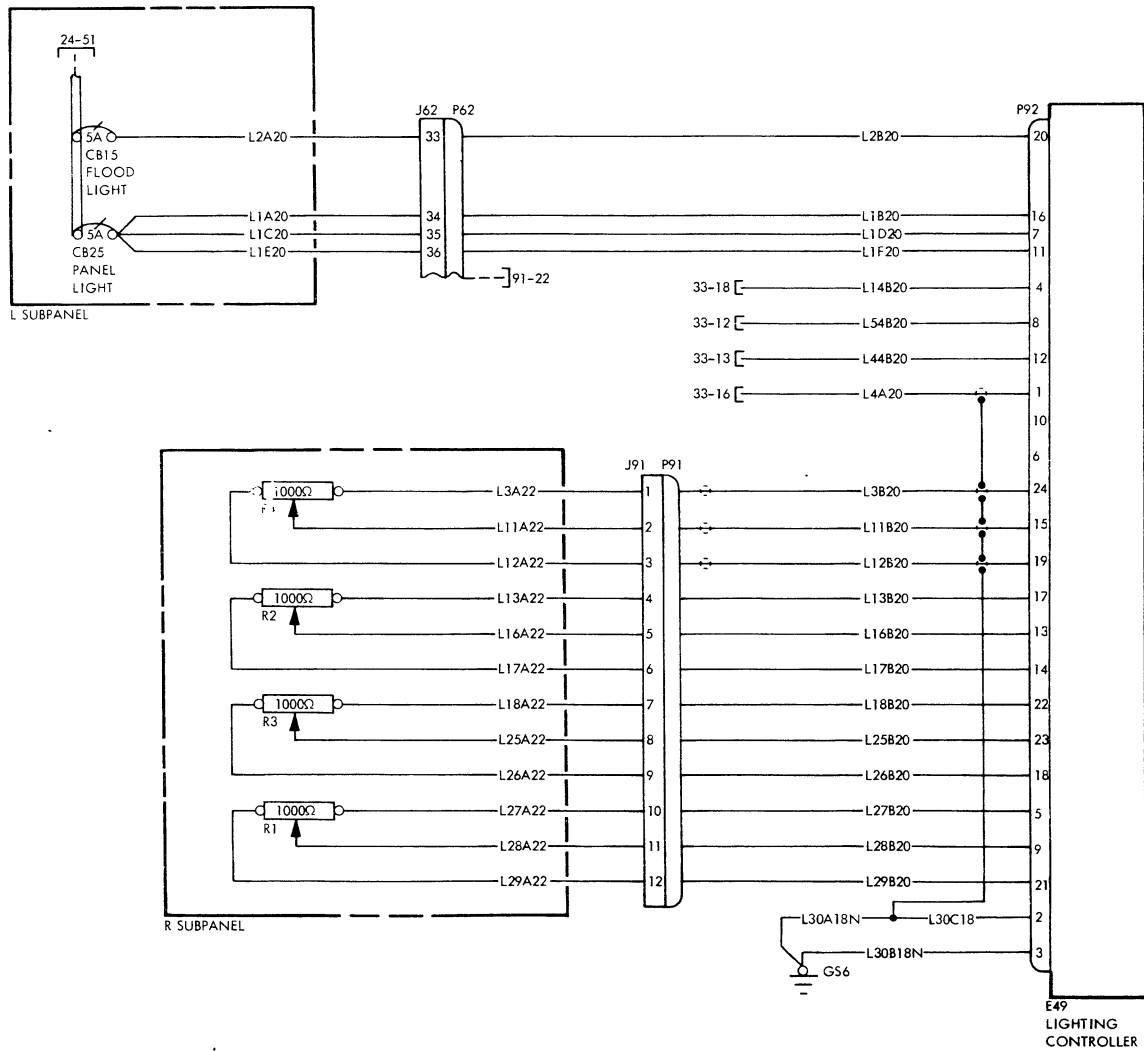
B E E C H C R A F T
BARON 58P
W I R I N G D I A G R A M M A N U A L

33-15-01
FLIGHT COMPARTMENT-LIGHT DIMMING

B E E C H C R A F T
BARON 58P
W I R I N G D I A G R A M M A N U A L

GAMA/ATA CODE & REF DES	PART NO.	DESCRIPTION	UNITS			USABLE ON CODE
			1	2	3	
15-01-CB15		CIRCUIT BREAKER SWITCH,FLOODLIGHTS/SEE CH 24/	.	1	240	
-CB25		CIRCUIT BREAKER SWITCH,PANEL LIGHTS/SEE CH 24/	.	1	240	
-E49	102-384039-1	LIGHTING CONTROLLER	.	1	150	
-E49	58-380101-1	. ELECTROLUMINESCENT INVERTER/ALT FOR 71254-8/	.	1	150	
-E49	71254-8	. ELECTROLUMINESCENT INV/ALT FOR 58-380101-1/	.	1	150	
-E49J92	50-364308-223	. RECEPTACLE/FURNISHED WITH LIGHT CONTROLLER/	.	1	150	
-GS6	131270-3	GROUNDING STUD.	.	1	270	
-J62		RECEPTACLE,SUBPANEL DISCONNECT/SEE CH 91/	.	1	231	
-J91	207018-1	RECEPTACLE HOUSING,LIGHT DIMMING ASSY	.	1	232	
-J91	66103-2	PIN CONTACT/24-20 AWG/.	.	AR	232	
-J91	66400-1	PIN CONTACT/24-20 AWG/.	.	AR	232	
-J91	66099-2	PIN CONTACT/18-16 AWG/.	.	AR	232	
-J91	66602-1	PIN CONTACT/18-14 AWG/.	.	AR	232	
-P62	RCR42G680KS	PLUG,SUBPANEL DISCONNECT/SEE CHAPTER 91/	.	1	231	
-P91	207017-1	PLUG HOUSING,LIGHT DIMMING ASSY	.	1	232	
-P91	66105-2	SOCKET CONTACT/24-20 AWG/	.	AR	232	
-P91	66101-1	SOCKET CONTACT/18-16 AWG/	.	AR	232	
-P91	66601-1	SOCKET CONTACT/18-14 AWG/	.	AR	232	
-P92	207304-1	PLUG HOUSING,LIGHTING CONTROLLER.	.	1	150	
-P92	66105-2	SOCKET CONTACT.	.	AR	150	
-P92	66101-1	SOCKET CONTACT.	.	AR	150	
-P92	66601-1	SOCKET CONTACT.	.	AR	150	
-J43	102-364001-59	LIGHTING DIMMER ASSY.	.	1	240	
-R1	VW1KSPB	. POTENTIOMETER,FLOODLIGHTS DIMMING	.	1	240	
-R2	VW1KSPB	. POTENTIOMETER,FLIGHT INST DIMMING	.	1	240	
-R3	VW1KSPB	. POTENTIOMETER,ENGINE AND AVIONICS INST DIM.	.	1	240	
-R4	VW1KSPB	. POTENTIOMETER,EDGE LIGHTED PANELS	.	1	240	

B E E C H C R A F T
B A R O N 5 8 P
W I R I N G D I A G R A M M A N U A L



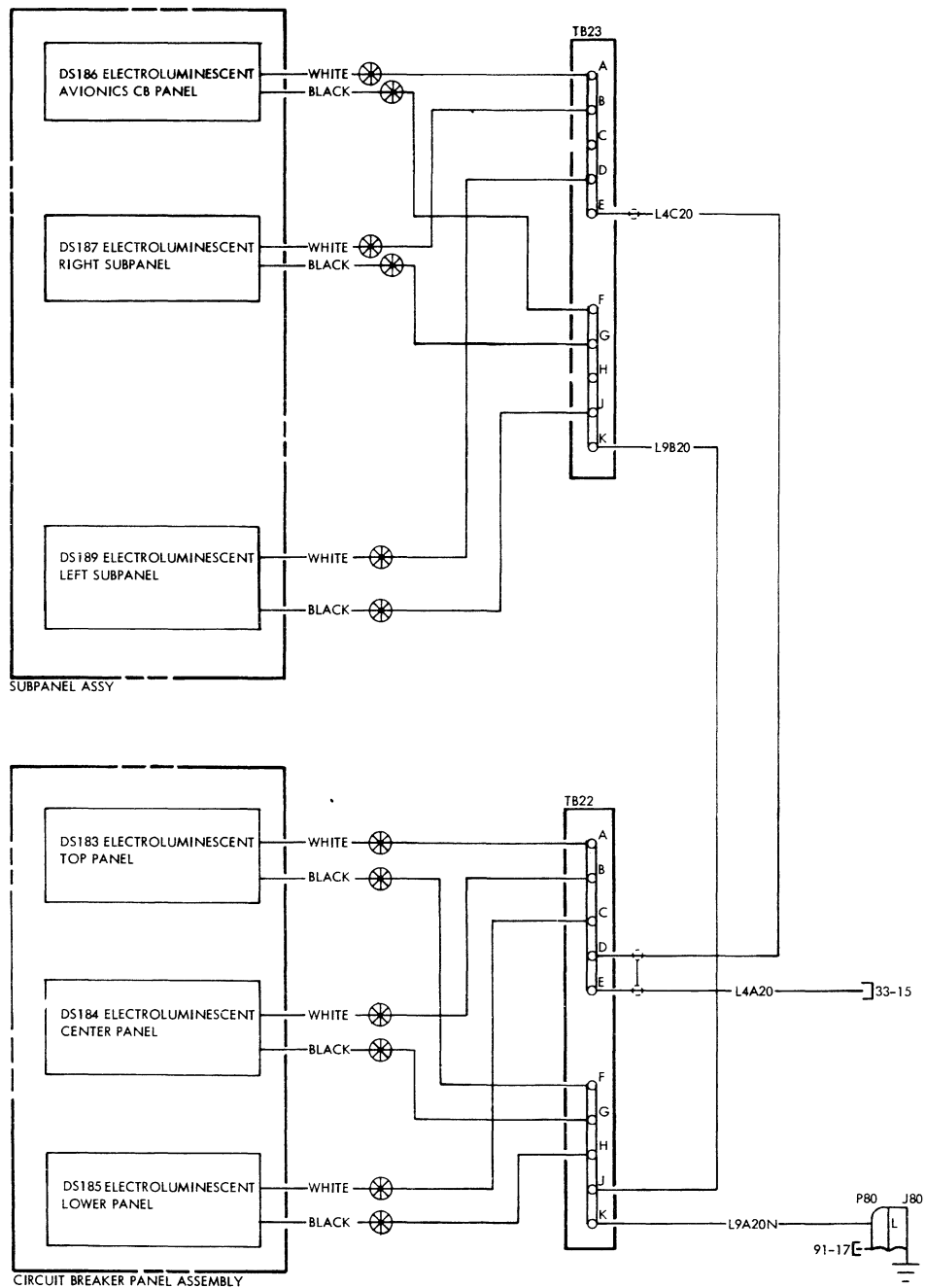
B E E C H C R A F T
BARON 58P
W I R I N G D I A G R A M M A N U A L

33-16-01
FLIGHT COMPARTMENT-ELECTROLUMINOUS
PANEL LIGHTING

B E E C H C R A F T
BARON 58P
W I R I N G D I A G R A M M A N U A L

GAMA/ATA CODE & REF DES	PART NO.	DESCRIPTION	UNITS		USABLE	
			PER	INSTL	ON	
		1 2 3 4 5 6 7	ASSY	ZONE	CODE	
16-01-DS183	102-384036-1	PANEL,ELECTROLUMINESCENT TOP CIRCUIT BREAKER.	1	251		
-DS184	102-384036-5	PANEL,ELECTROLUMINESCENT CENTER CB.	1	251		
-DS185	102-384036-7	PANEL,ELECTROLUMINESCENT BOTTOM CB.	1	251		
-DS186	58-340454	PANEL,ELECTROLUMINESCENT AVIONICS CB/DS186 IS	1	240		
		PART OF THE AVIONICS PACKAGE THAT COMES WITH YOUR AIRPLANE. CONSULT THE AVIONICS DRAWING PROVIDED FOR THE CORRECT PART NUMBER OF THE PANEL INSTALLED IN YOUR AIRPLANE.				
-DS187	106-384013-3	PANEL,ELECTROLUMINESCENT RH SUBPANEL.	1	240		
-DS189	106-384011-7	PANEL,ELECTROLUMINESCENT LH SUBPANEL.	1	240		
-J80		GROUNDING BLOCK/SEE CHAPTER 91/	1	231		
-P80		PLUG,INSTRUMENT PANEL GROUNDING/SEE CHAPTER 91/	1	231		
-TB22	M81714/2AB1	TERMINAL BLOCK,ELECTROLUMINESCENT PANEL LIGHTS.	1	251		
-TB22	MS9029/1-16-20	TERMINAL PIN/FURNISHED WITH BLOCK/.	AR	251		
-TB23	M81714/2AB1	TERMINAL BLOCK,ELECTROLUMINESCENT PANEL LIGHTS.	1	231		
-TB23	MS9029/1-16-20	TERMINAL PIN/FURNISHED WITH BLOCK/.	AR	232		

BEECHCRAFT
BARON 58P
WIRING DIAGRAM MANUAL



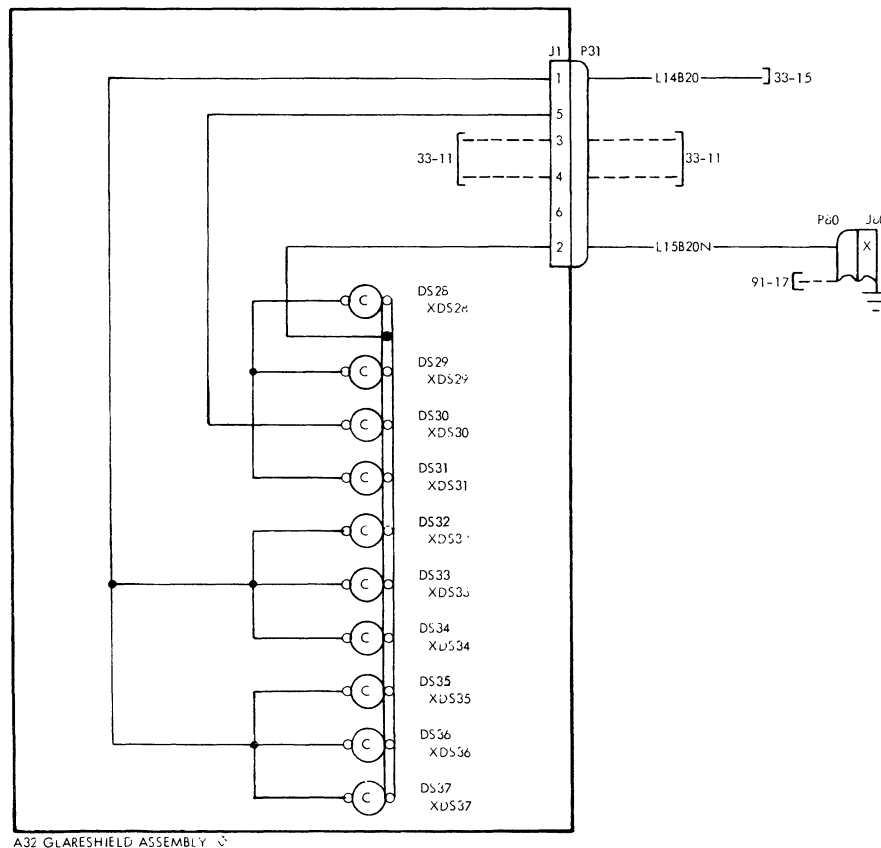
B E E C H C R A F T
BARON 58P
W I R I N G D I A G R A M M A N U A L

33-18-01
FLIGHT COMPARTMENT-FLOODLIGHTS

B E E C H C R A F T
BARON 58P
W I R I N G D I A G R A M M A N U A L

GAMA/ATA CODE & REF DES	PART NO.	DESCRIPTION	UNITS		USABLE ON CODE
			1 2 3 4 5 6 7	PER ASSY	INSTL ZONE
18-01-A32	2000-010	GLARESHIELD FLOODLIGHT ASSY		1	240
-A32	2000-012-2	. REFLECTOR		1	240
-XDS28	4169-143	. LAMP HOLDER/TYPICAL XDS28 THRU XDS39/		10	240
-DS28	313	. LAMP/TYPICAL DS28 THRU DS39/.		10	240
-A32J1	207153-1	. RECEPTACLE HOUSING.		1	240
-A32J1	66105-2	. PIN CONTACT		AR	240
-J80/P80	66105-2	CONNECTOR, INSTRUMENT PANEL GROUNDING/SEE CH 91/		1	231
-P31	207152-1	PLUG HOUSING, GLARESHIELD FLOODLIGHTS.		1	231
-P31	66105-2	SOCKET CONTACT.		AR	231

BEECHCRAFT
BARON 58P
WIRING DIAGRAM MANUAL



◇ FOR COMPLETE REF DES, PREFACE WITH A32.

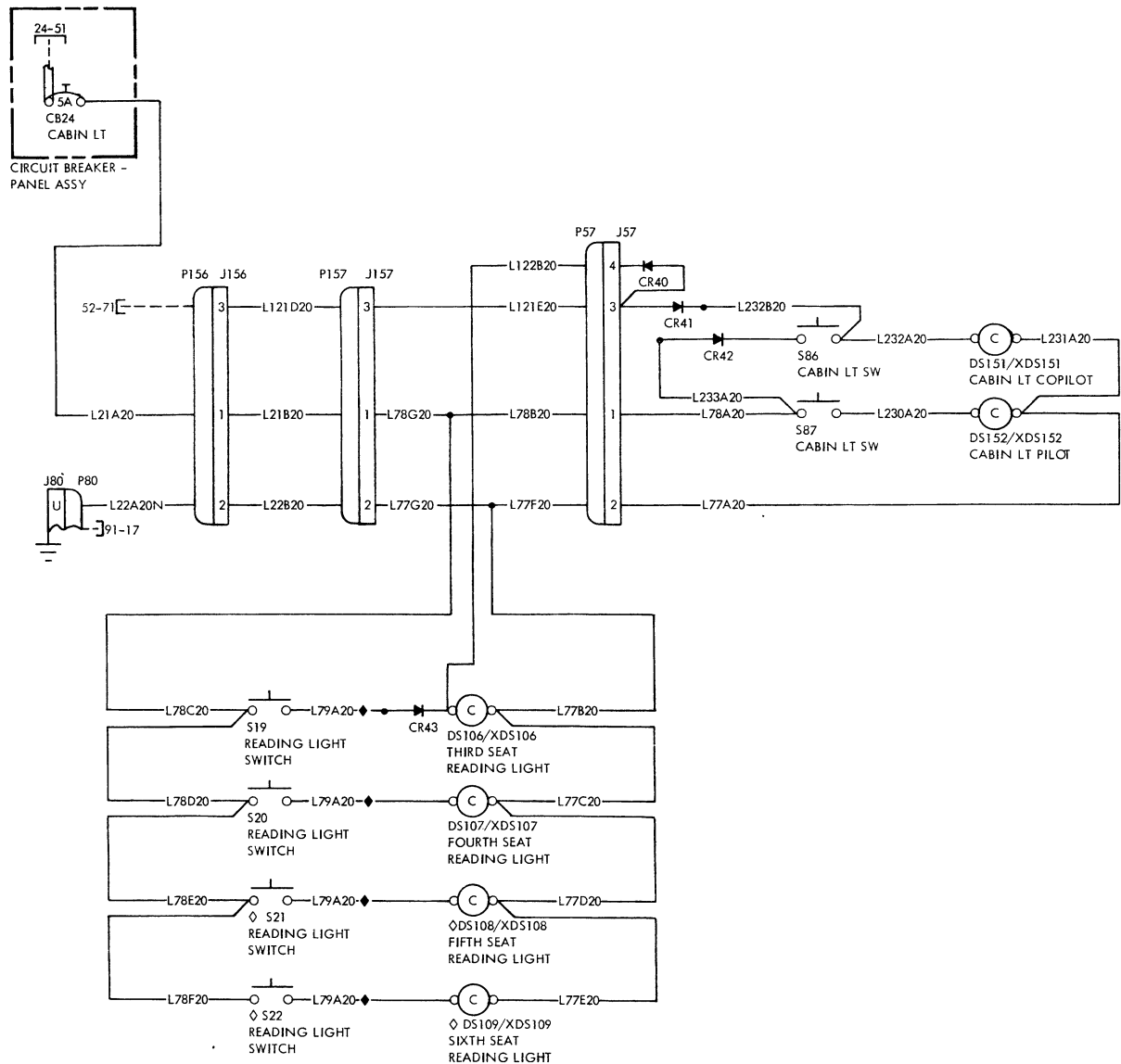
B E E C H C R A F T
BARON 58P
W I R I N G D I A G R A M M A N U A L

33-21-01
PASSENGER COMPARTMENT-CABIN LIGHTS

B E E C H C R A F T
BARON 58P
W I R I N G D I A G R A M M A N U A L

GAMA/ATA CODE & REF DES	PART NO.	DESCRIPTION	UNITS		USABLE ON CODE
			PER ASSY	INSTL ZONE	
21-01-CB24		CIRCUIT BREAKER,CABIN LIGHTS/SEE CH 24/	1	251	
	102-364001-51	CABIN LIGHT ASSY,PILOT AND COPILOT.	1	253	
-CR40	1N4005	. DIODE/TYPICAL CR40,CR41 AND CR42/	3	253	
-XDS151	2565-1	. LIGHT ASSY.	1	253	
-DS151	303	. LAMP.	1	253	
-XDS152	2565-1	. LIGHT ASSY.	1	253	
-DS152	303	. LAMP.	1	253	
-J57	207016-1	. RECEPTACLE HOUSING.	1	253	
-J57	66103-2	. PIN CONTACT	AR	253	
-J57	66400-1	. PIN CONTACT	AR	253	
-J57	66099-2	. PIN CONTACT	AR	253	
-J57	66602-1	. PIN CONTACT	AR	253	
-S86	J20154	. SWITCH.	1	253	
-S87	J20154	. SWITCH.	1	253	
-CR43	1N4005	DIODE,CABIN READING LIGHTS.	1	253	
-J80		GROUNDING BLOCK	1	231	
-J156	207359-1	RECEPTACLE HOUSING,CABIN LIGHTS	1	251	
-J156	66103-2	PIN CONTACT	AR	251	
-J157	207359-1	RECEPTACLE HOUSING,CABIN LIGHTS	1	253	
-J157	66103-2	PIN HOUSING	AR	253	
-P57	207015-1	PLUG HOUSING,CABIN LIGHT ASSY PILOT & COPILOT	1	253	
-P57	66105-2	SOCKET CONTACT.	AR	253	
-P156	207360-1	PLUG HOUSING,CABIN LIGHTS	1	251	
-P156	66105-2	SOCKET CONTACT.	AR	251	
-P157	207360-1	PLUG HOUSING,CABIN LIGHTS	1	253	
-P157	66105-2	SOCKET CONTACT.	AR	253	
-S19	J20154	SWITCH,READING LIGHT.	1	253	
-S20	J20154	SWITCH,READING LIGHT.	1	253	
-S21	J20154	SWITCH,READING LIGHTS	1	253	
-S22	J20154	SWITCH,READING LIGHTS	1	253	
-XDS106	2565-1	READING LIGHT ASSY,THIRD SEAT	1	253	
-DS106	303	. LAMP.	1	253	
-XDS107	2565-1	READING LIGHT ASSY,FOURTH SEAT.	1	253	
-DS107	303	. LAMP.	1	253	
-XDS108	2565-1	READING LIGHT ASSY,FIFTH SEAT	1	253	
-DS108	303	. LAMP.	1	253	
-XDS109	2565-1	READING LIGHT ASSY,SIXTH SEAT	1	253	
-DS109	303	. LAMP.	1	253	

B E E C H C R A F T
B A R O N 5 8 P
W I R I N G D I A G R A M M A N U A L



- ◆ WIRE NUMBER DUPLICATED FOR LEFT AND RIGHT WIRE HARNESS INTERCHANGEABILITY.
- ◇ OPTIONAL.

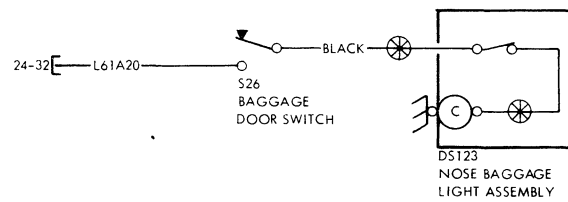
B E E C H C R A F T
BARON 58P
W I R I N G D I A G R A M M A N U A L

33-31-01
CARGO & SERVICE COMPARTMENT-BAGGAGE COMPARTMENT
LIGHT

B E E C H C R A F T
BARON 58P
W I R I N G D I A G R A M M A N U A L

GAMA/ATA CODE & REF DES	PART NO.	DESCRIPTION	UNITS		USABLE ON CODE
			PER ASSY	INSTL ZONE	
		1 2 3 4 5 6 7			
31-01-DS123	83555A307	LAMP ASSY, NOSE BAGGAGE COMPARTMENT.	1	210	
-DS123	307	. LAMP.	1	210	
-DS123	A3551	. LENS.	1	210	
-DS123	A3554	. CONTACT ASSY.	1	210	
-DS123	A3548A	. REFLECTOR & LAMPHOLDER ASSY	1	210	
-DS123	A3549A	. RETAINER.	1	210	
-DS123	A3657A	. GASKET.	1	210	
-DS123	A5804	. KNOB EXTENSION.	1	210	
-S26	8406K1	SWITCH, BAGGAGE DOOR	1	210	

B E E C H C R A F T
BARON 58P
W I R I N G D I A G R A M M A N U A L



B E E C H C R A F T
BARON 58P
W I R I N G D I A G R A M M A N U A L

33-41-01
EXTERIOR-THREE LIGHT STROBE/OPTIONAL/

B E E C H C R A F T
BARON 58P
W I R I N G D I A G R A M M A N U A L

GAMA/ATA CODE & REF DES	PART NO.	DESCRIPTION	UNITS		USABLE ON CODE
			PER ASSY	INSTL ZONE	
41-01-CB51	35-380132-43	CIRCUIT BREAKER SWITCH,STROBE LIGHT	1	240	
-DS11	A500B28	LIGHT ASSY,TAIL NAV/STROBE.	1	370	
-DS11	A457A	. LENS.	1	370	
-DS11	A455	. GASKET.	1	370	
-DS11	A510	. LAMP ASSY.	1	370	
-DS11	A508	. . LAMP,HALOGEN.	1	370	
-DS11	A509	. . SHIELD,LAMP	1	370	
-DS11	A506	. SOCKET ASSY,FLASHTUBE	1	370	
-DS11	A425	. RETAINER,LENS	1	370	
-J38	MS3101E10SL3P	. RECEPTACLE.	1	370	

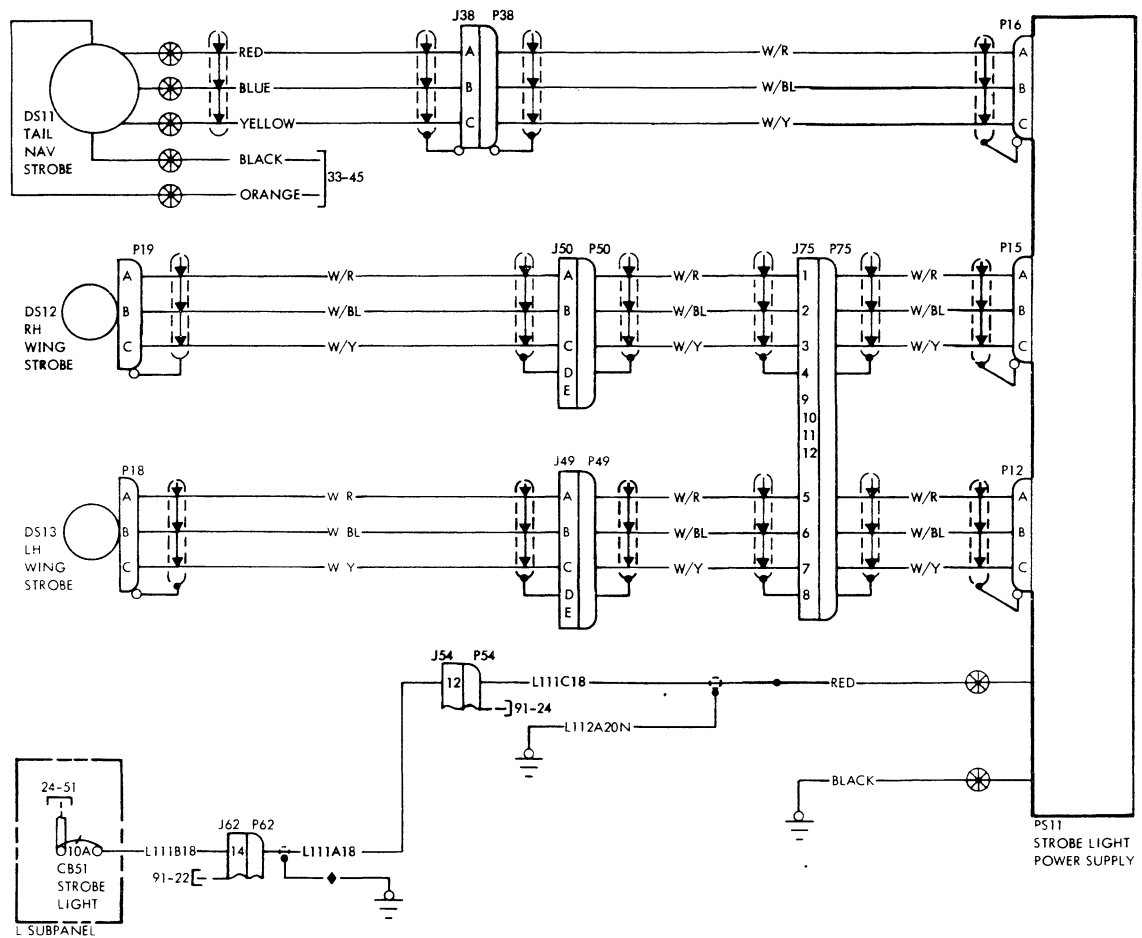
NOTE FOR THE NAVIGATION LIGHT WITHOUT A
STROBE SEE CHAPTER 33-45-01.

-DS12	30-1331-3	LIGHT ASSY,RH WING STROBE/ALTERNATE FOR	1	650	
		701148-7-2/			
-DS12	25-0491-1	. COVER	1	650	
-DS12	55-0221-1	. FLASHTUBE	1	650	
-DS12	30-1467-101	. RECEPTACLE.	1	650	
-DS12	701148-7-2	LIGHT ASSY,RIGHT WING STROBE/ALTERNATE FOR.	1	650	
		30-1331-3/			
-DS12	MS3102A10SL3P	. RECEPTACLE.	1	650	
-DS12	202331	. FLASHTUBE	1	650	
-DS12	202065	. LENS.	1	650	
-DS13	30-1331-3	LIGHT ASSY,LEFT WING STROBE/ALTERNATE FOR	1	550	
		701148-7-2/			
-DS13	701148-7-2	LIGHT ASSY,LH WING STROBE/ALTERNATE FOR	1	550	
		30-1331-3/			

NOTE DS13 IS THE SAME AS DS12,FOR A BREAKDOWN
OF DS13 SEE DS12.

-J49	CA3101E10SL3PF80	RECEPTACLE,LH STROBE LIGHT FUSELAGE	1	532	
-J50	CA3101E10SL3PF80	RECEPTACLE,RH STROBE LIGHT FUSELAGE	1	532	
-J54	DS04-1912S	RECEPTACLE,AFT FUSELAGE/PRESSURE BULKHEAD/.	1	160	
-J62/P62		CONNECTOR,SUBPANEL DISCONNECT/SEE CH 91/.	1	532	
-J75	DS04-1912S	RECEPTACLE,AFT FUSELAGE STROBE POWER SUPPLY	1	160	
-PS11	60-1750-3	POWER SUPPLY,STROBE LIGHT/ALTERNATE FOR	1	310	
		701571 POWER SUPPLY/			
-PS11	701571	POWER SUPPLY,STROBE LIGHT/ALTERNATE FOR	1	310	
		60-1750-3 POWER SUPPLY/			
-PS11	MS3102A10SL3P	. RECEPTACLE,STROBE LIGHT POWER SUPPLY/ALT.	1	310	
		. FOR CA3106E10SL3PF80/			
-PS11	CA3106E10SL3PF80	. RECEPTACLE,STROBE LIGHT POWER SUPPLY/ALT.	1	310	
		. FOR MS3102A10SL3P/			
-P12	MS3106E10SL3S	PLUG,STROBE LIGHT POWER SUPPLY/ALT FOR.	1	310	
		CA3106E10SL3SF80/			
-P12	CA3106E10SL3SF80	PLUG,STROBE LIGHT POWER SUPPLY/ALT FOR.	1	310	
		MS3106E10SL3S			
-P15	MS3106E10SL3S	PLUG,STROBE LIGHT POWER SUPPLY/ALT FOR.	1	310	
		CA3106E10SL3SF80/			
-P15	CA3106E10SL3SF80	PLUG,STROBE LIGHT POWER SUPPLY/ALT FOR.	1	310	
		MS3106E10SL3S/			
-P16	MS3106E10SL3S	PLUG,STROBE LIGHT POWER SUPPLY/ALT FOR.	1	310	
		CA3106E10SL3SF80/			
-P16	CA3106E10SL3SF80	PLUG,STROBE LIGHT POWER SUPPLY/ALT FOR.	1	310	
		MS3106E10SL3S/			
-P18	MS3106E10SL3S	PLUG,LEFT WING STROBE LIGHT/ALT FOR	1	550	
		CA3106E10SL3SF80/			
-P18	CA3106E10SL3SF80	PLUG,LEFT WING STROBE LIGHT/ALT FOR	1	550	
		MS3106E10SL3S/			

B E E C H C R A F T
B A R O N 5 8 P
W I R I N G D I A G R A M M A N U A L

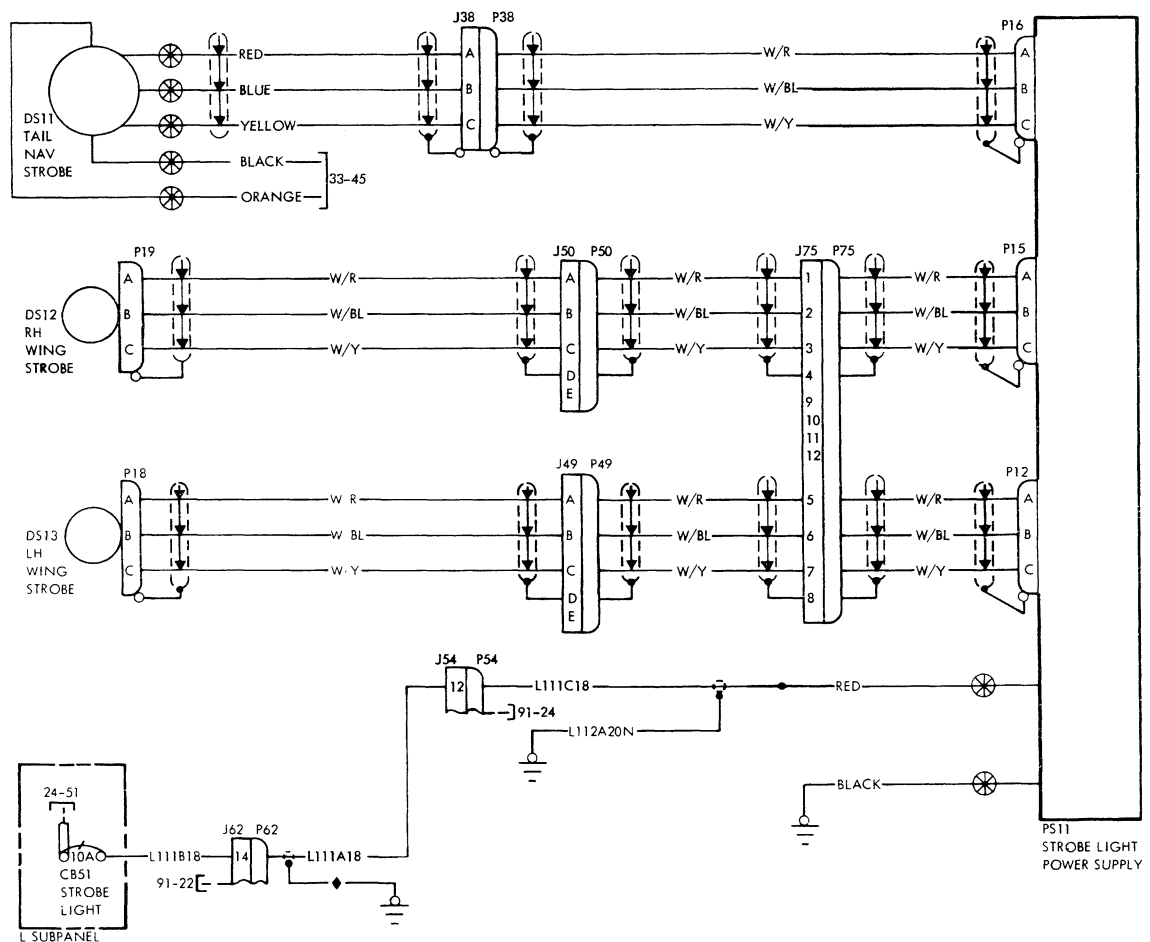


EXTERIOR-THREE LIGHT STROBE/OPTIONAL/

B E E C H C R A F T
BARON 58P
W I R I N G D I A G R A M M A N U A L

GAMA/ATA CODE & REF DES	PART NO.	DESCRIPTION	UNITS		USABLE ON CODE
			PER ASSY	INSTL ZONE	
41-01-P19	MS3106E10SL3S	PLUG,RIGHT WING STROBE LIGHT/ALT FOR.	1	650	
		CA3106E10SL3SF80/			
-P19	CA3106E10SL3SF80	PLUG,RIGHT WING STROBE LIGHT/ALT FOR.	1	650	
		MS3106E10SL3S/			
-P38	MS3101E10SL3S	PLUG,TAIL STROBE LIGHT.	1	370	
-P49	MS3106E10SL3S	PLUG,LEFT STROBE LIGHT FUSELAGE/ALT FOR.	1	150	
		CA3106E10SL3SF80/			
-P49	CA3106E10SL3SF80	PLUG,LEFT STROBE LIGHT FUSELAGE/ALT FOR.	1	150	
		MS3106E10SL3S/			
-P50	MS3106E10SL3S	PLUG,RIGHT STROBE LIGHT FUSELAGE/ALT FOR.	1	150	
		CA3106E10SL3SF80/			
-P50	CA3106E10SL3SF80	PLUG,RIGHT STROBE LIGHT FUSELAGE/ALT FOR.	1	150	
		MS3106E10SL3S/			
-P54	DS07-1912P	PLUG,AFT FUSELAGE ACCESS/PRESSURE BULKHEAD/	1	160	
-P75	DS07-1912P	PLUG,AFT FUSELAGE STROBE POWER SUPPLY	1	160	

B E E C H C R A F T
B A R O N 5 8 P
W I R I N G D I A G R A M M A N U A L



NOTE: STROBE SHIELDED CABLES SHALL MAINTAIN A MINIMUM DISTANCE OF 12 INCHES FROM AVIONICS COAXIAL CABLES AND 6 INCHES FROM ALL OTHER HARNESSSES. IF THEY MUST CROSS, IT SHALL BE AT RIGHT ANGLES TO EACH OTHER

◆ 18 AWG JUMPER WIRE.

EXTERIOR-THREE LIGHT STROBE/OPTIONAL/

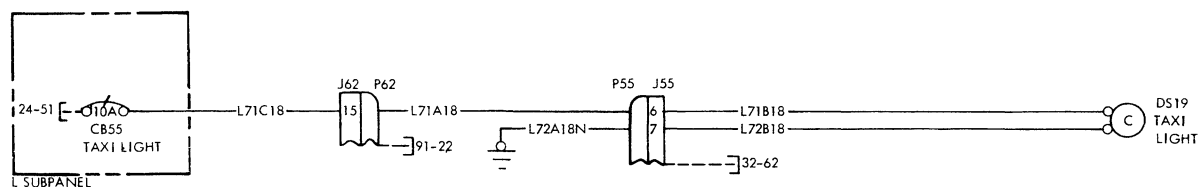
B E E C H C R A F T
BARON 58P
W I R I N G D I A G R A M M A N U A L

33-43-01
EXTERIOR-TAXI LIGHT/OPTIONAL/

B E E C H C R A F T
BARON 58P
W I R I N G D I A G R A M M A N U A L

GAMA/ATA CODE & REF DES	PART NO.	DESCRIPTION	UNITS		USABLE	
			PER ASSY	INSTL ZONE	ON CODE	
43-01-CB55	35-380132-43	CIRCUIT BREAKER, TAXI LIGHT.	1	240		
-DS19	4596	LAMP, TAXI LIGHT ASSY.	1	131		
-J55	207810-1	RECEPTACLE HOUSING, NOSE GEAR LIMIT SWITCH . . .	1	131		
-J55	66103-2	PIN CONTACT	AR	131		
-J62		RECEPTACLE, SUBPANEL DISCONNECT/SEE CHAPTER 91/. .	1	231		
-P55	207579-1	PLUG HOUSING, NOSE GEAR LIMIT SWITCH	1	131		
-P55	66105-2	SOCKET CONTACT.	AR	131		
-P62		PLUG, SUBPANEL DISCONNECT/SEE CHAPTER 91/. . . .	1	231		

B E E C H C R A F T
 BARON 58P
 W I R I N G D I A G R A M M A N U A L



EXTERIOR-TAXI LIGHT/OPTIONAL/

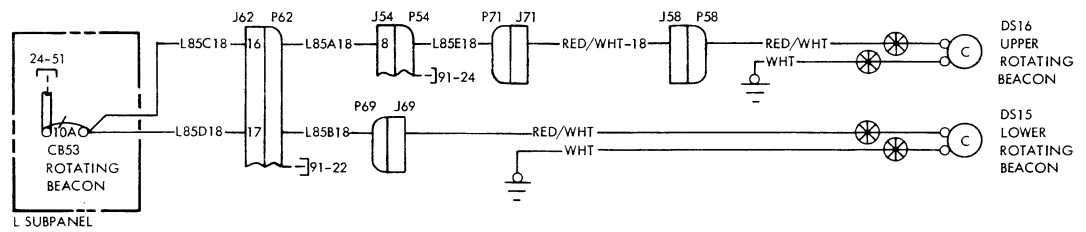
B E E C H C R A F T
BARON 58P
W I R I N G D I A G R A M M A N U A L

33-44-01
EXTERIOR-ROTATING BEACON

B E E C H C R A F T
BARON 58P
W I R I N G D I A G R A M M A N U A L

GAMA/ATA CODE & REF DES	PART NO.	DESCRIPTION	UNITS		USABLE	
			PER ASSY	INSTL ZONE	ON CODE	
44-01-CB53	35-380132-43	CIRCUIT BREAKER,ROTATING BEACON	1	240		
-DS15	102-364031-3	BEACON,LOWER ROTATING	1	150		
-DS15	40-0100-3C	. . LIGHT ASSY.	1	150		
-DS15	41-0832-9	. . MECHANISM ASSY.	1	150		
-DS15	A7079B24	. . LAMP/28V,40 WATT/	2	150		
-DS15	D9961-3	. . COVER ASSY.	1	150		
-DS16	102-364031-1	BEACON,UPPER ROTATING	1	340		
-DS16	40-0127-1C	. . LIGHT ASSY.	1	340		
-DS16	41-0832-3	. . MECHANISM ASSY.	1	340		
-DS16	A7079B24	. . LAMP.	2	340		
-DS16	D9961-3	. . COVER ASSY.	1	340		
-J54		RECEPTACLE,AFT FUSELAGE ACCESS/SEE CH 91/	1	160		
-J58	1-480350-0	RECEPTACLE HOUSING,UPPER ROTATING BEACON.	1	340		
-J58	60618-1	PIN CONTACT	AR	340		
-J62		RECEPTACLE,SUBPANEL DISCONNECT/SEE CH 91/	1	231		
-J69	1-480319-0	RECEPTACLE HOUSING,LOWER ROTATING BEACON.	1	150		
-J69	60618-1	PIN CONTACT	AR	150		
-J71	1-480350-0	RECEPTACLE HOUSING,UPPER ROTATING BEACON.	1	370		
-J71	60618-1	PIN CONTACT	AR	370		
-P54		PLUG,AFT FUSELAGE ACCESS/SEE CH 91/	1	310		
-P58	1-480349-0	PLUG HOUSING,UPPER ROTATING BEACON.	1	340		
-P58	60617-1	SOCKET CONTACT.	AR	340		
-P62		PLUG,SUBPANEL DISCONNECT/SEE CH 91/	1	231		
-P69	1-480318-0	PLUG HOUSING,LOWER ROTATING BEACON.	1	150		
-P69	60617-1	SOCKET CONTACT.	AR	150		
-P71	1-480349-0	PLUG HOUSING,UPPER ROTATING BEACON.	1	370		
-P71	60617-1	SOCKET CONTACT.	AR	370		

B E E C H C R A F T
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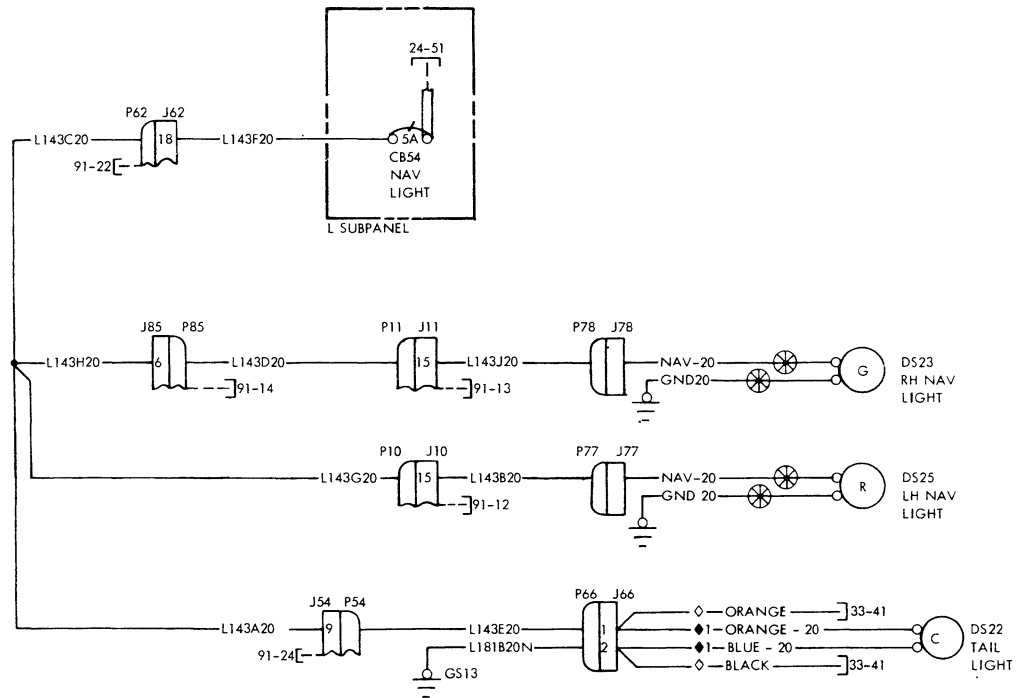
B E E C H C R A F T
B A R O N 5 8 P
W I R I N G D I A G R A M M A N U A L

33-45-01
EXTERIOR-NAVIGATION LIGHTS

B E E C H C R A F T
BARON 58P
W I R I N G D I A G R A M M A N U A L

GAMA/ATA CODE & REF DES	PART NO.	DESCRIPTION	UNITS			USABLE ON CODE
			1	2	3	
45-01-C854	35-380132-41	CIRCUIT BREAKER SWITCH,NAVIGATION LIGHTS.	1	240		
-DS22	36-364001-11	LIGHT ASSY,TAIL NAVIGATION.	1	370		
-DS22	A2064-1683	. LAMP ASSY	1	370		
-DS22	1683	. . LAMP.	1	370		
-J66	1-480319-0	. RECEPTACLE HOUSING.	1	370		
-J66	60618-1	. PIN CONTACT	AR	370		
-DS23	000-170000-38	HARNESS ASSY,RH NAV LIGHT	1	650		
-DS23	A1815A-G7512	. LAMP ASSY	1	650		
-DS23	A7512-24	. . LAMP.	1	650		
-J78	1-480351-0	. RECEPTACLE HOUSING.	1	650		
-J78	60618-1	. PIN CONTACT	AR	650		
-DS25	000-170000-37	HARNESS ASSY,LH NAV LIGHT	1	550		
-DS25	A1815A-R7512	. LAMP ASSY	1	550		
-DS25	A7512-24	. . LAMP.	1	550		
-J77	1-480351-0	. RECEPTACLE HOUSING.	1	550		
-J77	60618-1	. PIN CONTACT	AR	550		
-GS13	131270-3	GROUNDING STUD.	1	370		
-J10/P10		CONNECTOR,LH WING WHEELWELL ACCESS/SEE CH 91/	1	730		
-J11/P11		CONNECTOR,RH WING WHEELWELL ACCESS/SEE CH 91/	1	740		
-J54/P54		CONNECTOR,AFT FUSELAGE ACCESS/SEE CH 91/.	1	370		
-J62/P62		CONNECTOR,SUBPANEL DISCONNECT/SEE CH 91/.	1	231		
-J85/P85		CONNECTOR,CROSSOVER DISCONNECT/SEE CH 91/	1	150		
-P66	1-480318-0	PLUG HOUSING,TAIL NAVIGATION LIGHT.	1	370		
-P66	60617-1	SOCKET CONTACT.	AR	370		
-P77	1-480349-1	PLUG HOUSING,LH NAV LIGHT	1	550		
-P77	60617-1	SOCKET CONTACT.	AR	542		
-P78	1-480349-0	PLUG HOUSING,RH NAV LIGHT	1	642		
-P78	60617-1	SOCKET CONTACT.	AR	642		

B E E C H C R A F T
BARON 58P
W I R I N G D I A G R A M M A N U A L



◇ ON AIRCRAFT HAVING OPTIONAL STROBE LIGHTS
INSTALLED, CONNECTOR J66 AND WIRES ORANGE
AND BLACK ARE CONNECTED AS SHOWN.

◆ ON AIRCRAFT NOT HAVING OPTIONAL STROBE LIGHTS
INSTALLED, CONNECTOR J66 & WIRES ORANGE - 20 &
BLUE - 20 ARE CONNECTED AS SHOWN.

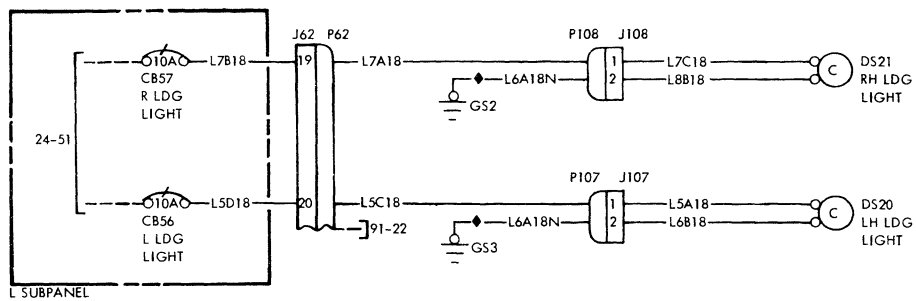
B E E C H C R A F T
BARON 58P
W I R I N G D I A G R A M M A N U A L

33-46-01
EXTERIOR-LANDING LIGHTS

B E E C H C R A F T
BARON 58P
W I R I N G D I A G R A M M A N U A L

GAMA/ATA CODE & REF DES	PART NO.	DESCRIPTION	UNITS		USABLE ON CODE
			PER ASSY	INSTL ZONE	
46-01-CB56	35-380132-43	CIRCUIT BREAKER SWITCH,LH LANDING LIGHT	1	240	
-CB57	35-380132-43	CIRCUIT BREAKER SWITCH,RH LANDING LIGHT	1	240	
-DS20	4596	LIGHT,LH LANDING.	1	410	
-DS21	4596	LIGHT,RH LANDING.	1	420	
-GS2	131270-3	GROUND STUD	1	621	
-GS3	131270-3	GROUND STUD	1	521	
-J62		RECEPTACLE,SUBPANEL DISCONNECT/SEE CHAPTER 91/.	1	231	
-J107	1-480319-0	RECEPTACLE HOUSING,LH LANDING LIGHT	1	410	
-J107	60618-1	PIN CONTACT	AR	410	
-J108	1-480319-0	RECEPTACLE HOUSING,RH LANDING LIGHT	1	420	
-J108	60618-1	PIN CONTACT	AR	420	
-P62		PLUG,SUBPANEL DISCONNECT/SEE CHAPTER 91/.	1	231	
-P107	1-480318-0	PLUG HOUSING,LH LANDING LIGHT	1	410	
-P107	60617-1	SOCKET CONTACT.	AR	410	
-P108	1-480318-0	PLUG HOUSING,RH LANDING LIGHT	1	420	
-P108	60617-1	SOCKET CONTACT.	AR	420	

B E E C H C R A F T
B A R O N 5 8 P
W I R I N G D I A G R A M M A N U A L



EXTERIOR-LANDING LIGHTS

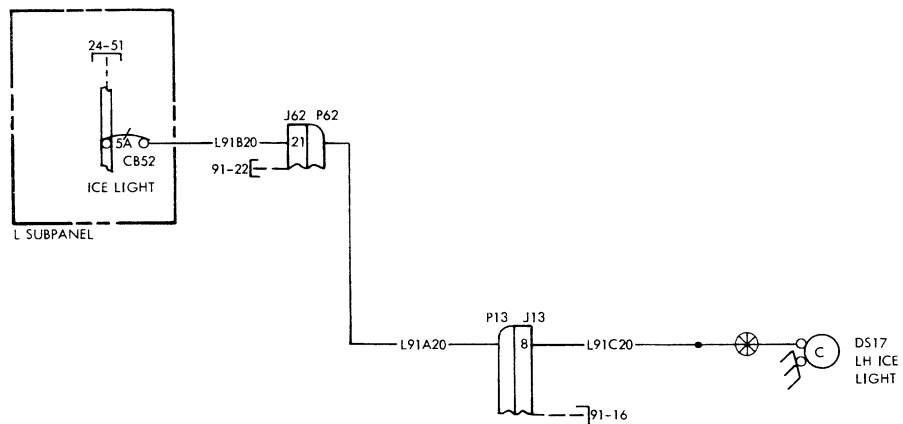
B E E C H C R A F T
BARON 58P
W I R I N G D I A G R A M M A N U A L

33-47-01
EXTERIOR-ICE LIGHT/OPTIONAL/

B E E C H C R A F T
BARON 58P
W I R I N G D I A G R A M M A N U A L

GAMA/ATA CODE & REF DES	PART NO.	DESCRIPTION	UNITS		USABLE ON CODE
			PER ASSY	INSTL ZONE	
		1 2 3 4 5 6 7			
47-01-CB52	35-380132-41	CIRCUIT BREAKER SWITCH, ICE LIGHT	1	240	
-DS17	002-361010-11	MOUNTING ASSY, ICE LIGHT	1	521	
-DS17	25047	• LAMP SOCKET	1	521	
-DS17	A7079824	LAMP	1	521	
-DS17	002-361010-7	LENS	1	521	
-J13/P13		CONNECTOR, LH LEADING EDGE/SEE CH 91/.	1	531	
-J62/P62		CONNECTOR, SUBPANEL DISCONNECT/SEE CH 91/.	1	231	

B E E C H C R A F T
B A R O N 5 8 P
W I R I N G D I A G R A M M A N U A L



EXTERIOR-ICE LIGHT/OPTIONAL/

B E E C H C R A F T
BARON 58P
W I R I N G D I A G R A M M A N U A L

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34-21-01	2	12/09/83	
34-21-01	3	12/09/83	

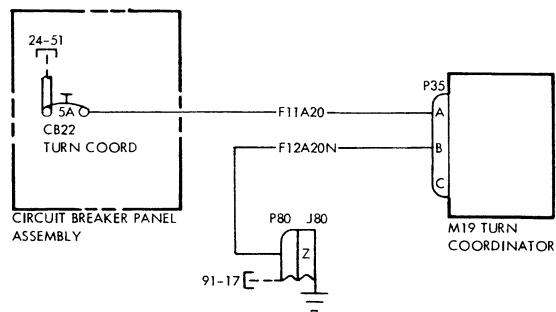
B E E C H C R A F T
BARON 58P
W I R I N G D I A G R A M M A N U A L

34-21-01
ATTITUDE & DIRECTION-TURN COORDINATOR

B E E C H C R A F T
BARON 58P
W I R I N G D I A G R A M M A N U A L

GAMA/ATA CODE & REF DES	PART NO.	DESCRIPTION	UNITS		USABLE ON CODE
			PER ASSY	INSTL ZONE	
21-01-CB22	7277-2-5	CIRCUIT BREAKER, TURN COORDINATOR.	1	251	
-J80/P80		CONNECTOR, INSTRUMENT PANEL GROUNDING/SEE.	1	231	
		CHAPTER 91/			
-M19	58-380085-3	TURN COORDINATOR.	1	240	
-M19	MS3102A10SL3P	. RECEPTACLE.	1	240	
-P35	MS3108A10SL3S	PLUG, TURN COORDINATOR/ALTERNATE FOR	1	231	
		MS3108B10SL3S/			
-P35	MS3108B10SL3S	PLUG, TURN COORDINATOR/ALTERNATE FOR	1	231	
		/MS3108A10SL3S/			

B E E C H C R A F T
 BARON 58P
 W I R I N G D I A G R A M M A N U A L



B E E C H C R A F T
BARON 58P
W I R I N G D I A G R A M M A N U A L

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52-71-01	2	12/09/83	
52-71-01	3	12/09/83	

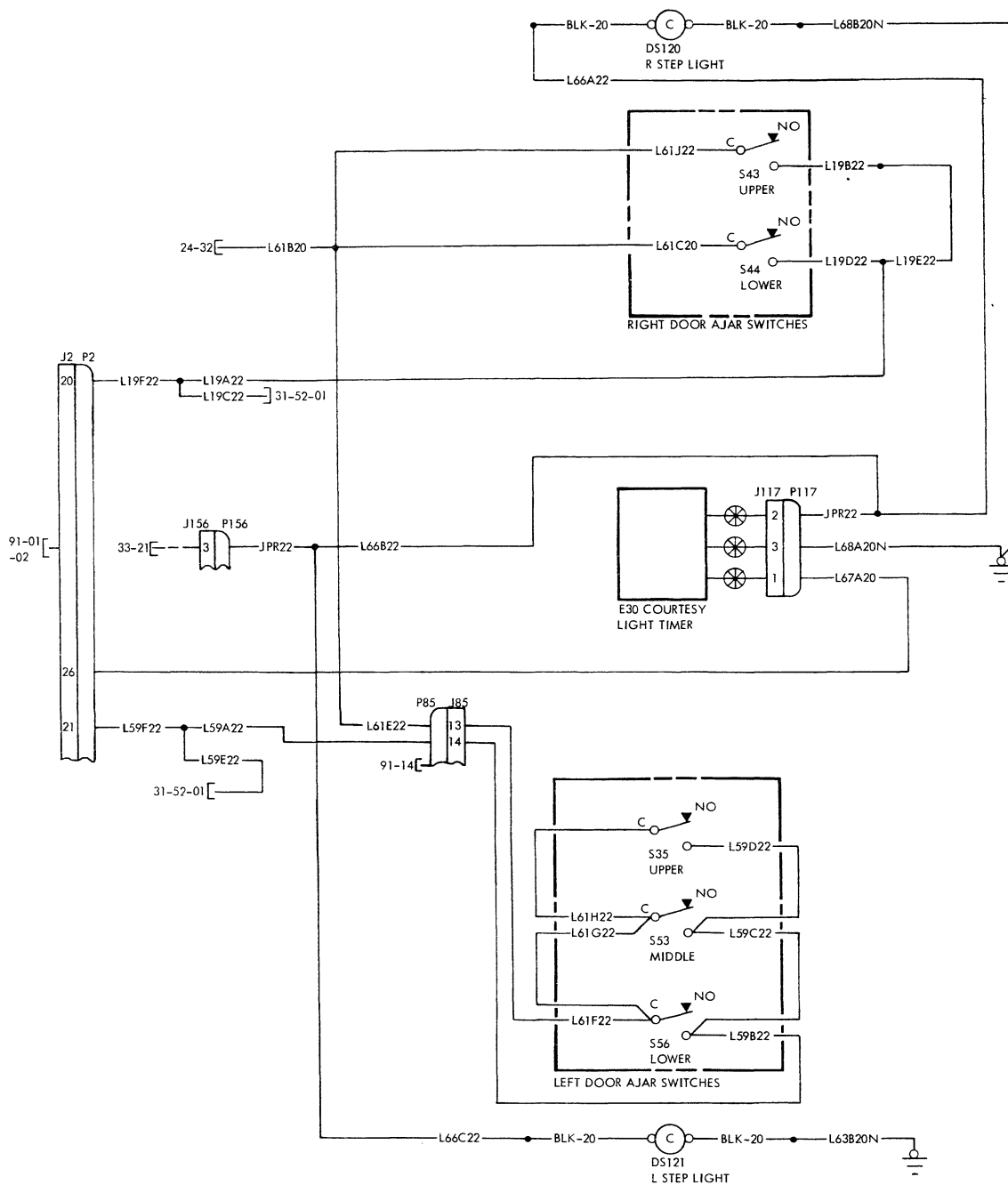
B E E C H C R A F T
BARON 58P
W I R I N G D I A G R A M M A N U A L

52-71-01
DOOR WARNING-CABIN & DOOR COURTESY LIGHTS

B E E C H C R A F T
BARON 58P
W I R I N G D I A G R A M M A N U A L

GAMA/ATA CODE & REF DES	PART NO.	DESCRIPTION	UNITS		USABLE ON CODE
			PER ASSY	INSTL ZONE	
		1 2 3 4 5 6 7			
71-01-DS120	2506	SOCKET,RH STEP LIGHT.	1	160	
-DS120	1475	LAMP.	1	160	
-DS120	102-364020-3	LENS.	1	160	
-DS121	2506	SOCKET,LH STEP LIGHT.	1	160	
-DS121	1475	LAMP.	1	160	
-DS121	102-364020-3	LENS.	1	160	
-E30	58-380105-1	TIMER,COURTESY LIGHT.	1	270	
-A19J2		RECEPTACLE,JUNCTION BOX/SEE CHAPTER 91/	1	232	
-J85		RECEPTACLE,CROSSOVER DISCONNECT/SEE CHAPTER 91/	1	150	
-J117	207359-1	RECEPTACLE HOUSING,COURTESY LIGHT TIMER	1	270	
-J117	66103-2	PIN CONTACT	AR	270	
-J156	207359-1	RECEPTACLE HOUSING,CABIN LIGHTS	1	231	
-J156	66103-2	PIN CONTACT	AR	231	
-A19P2		PLUG,JUNCTION BOX/SEE CHAPTER 91/	1	232	
-P85		PLUG,CROSSOVER DISCONNECT/SEE CHAPTER 91/	1	150	
-P117	207360-1	PLUG HOUSING,COURTESY LIGHT TIMER	1	270	
-P117	66105-2	SOCKET CONTACT.	AR	270	
-P156	207360-1	PLUG HOUSING,CABIN LIGHTS	1	231	
-P156	66105-2	SOCKET CONTACT.	AR	231	
-S35	102-364039-1	SWITCH ASSY,LH UPPER DOOR AJAR.	1	830	
-S35	MS25253-3	. SWITCH.	1	830	
-S35	102-364039-5	. ACTUATOR.	1	830	
-S43	102-364013-3	SWITCH ASSY,RH UPPER DOOR AJAR.	1	820	
-S43	ISM1-T	. SWITCH.	1	820	
-S43	JS221	. ACTUATOR.	1	820	
-S44	102-364013-3	SWITCH ASSY,RH LOWER DOOR AJAR.	1	820	
-S44	ISM1-T	. SWITCH.	1	820	
-S44	JS221	. ACTUATOR.	1	820	
-J53	MS25026-1	SWITCH,LH MIDDLE DOOR AJAR.	1	830	
-J56	MS25026-1	SWITCH,LH LOWER DOOR AJAR	1	830	

B E E C H C R A F T
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61-21-01	3	12/09/83	
61-41-01	1	12/09/83.	 INDICATING - PROPELLER SYNCHROSCOPE
61-41-01	2	12/09/83	
61-41-01	3	12/09/83	

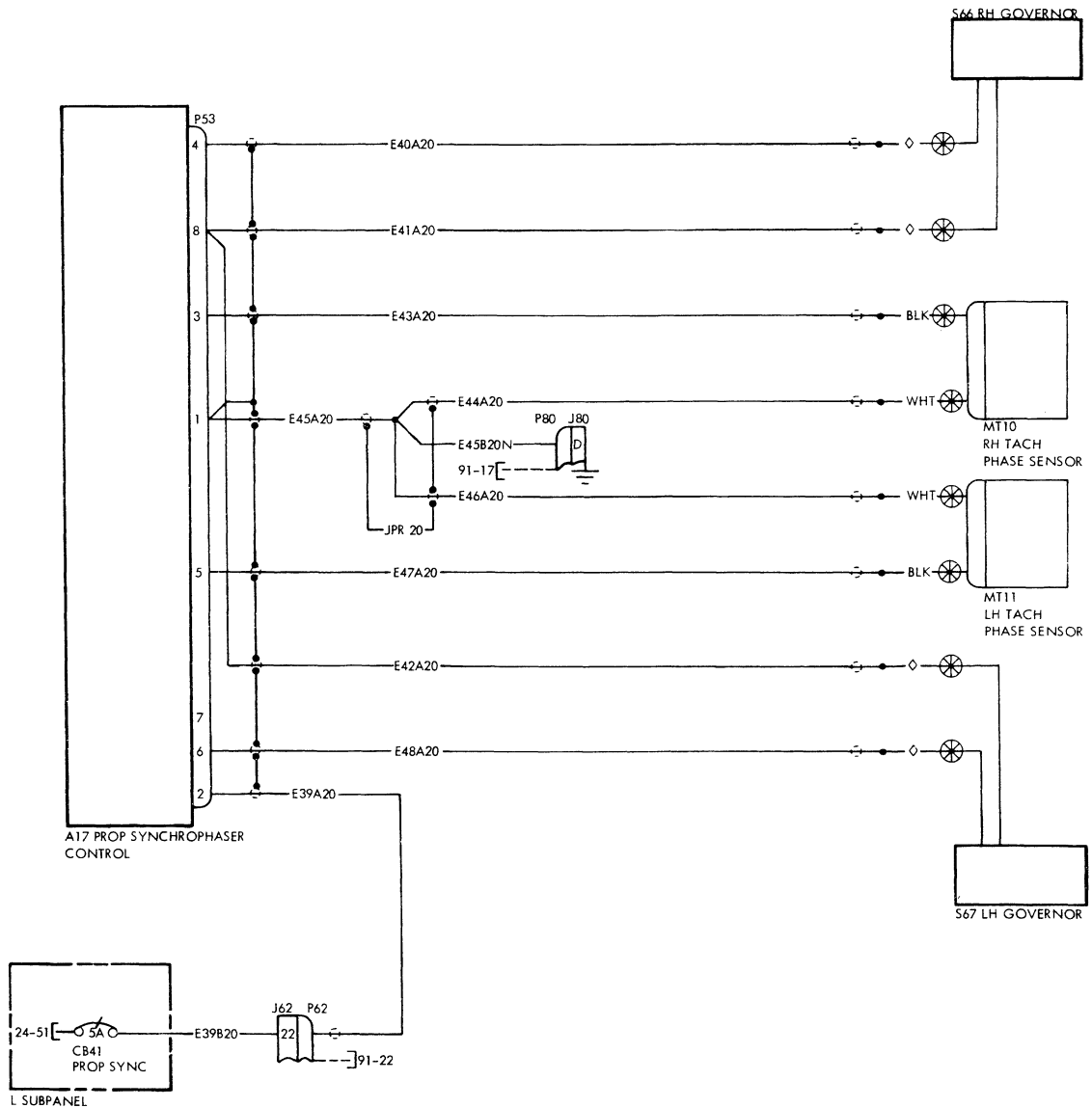
B E E C H C R A F T
BARON 58P
W I R I N G D I A G R A M M A N U A L

61-21-01
CONTROLLING,PROP SYNCHROPHASER

B E E C H C R A F T
BARON 58P
W I R I N G D I A G R A M M A N U A L

GAMA/ATA CODE & REF DES	PART NO.	DESCRIPTION	UNITS		USABLE ON CODE
			PER ASSY	INSTL ZONE	
21-01-A17	213762	CONTROL,PROP SYNC#ROPHASER.	1	232	
-CB41	35-380132-21	CIRCUIT BREAKER,PROP SYNC	1	240	
-J62		RECEPTACLE,SUBPANEL DISCONNECT/SEE CHAPTER 91/.	1	231	
-J80		GROUNDING BLOCK/SEE CHAPTER 91/	1	231	
-MT10	5430-952	SENSOR,RH TACH PHASE.	1	420	
-MT11	5430-952	SENSOR,LH TACH PHASE.	1	410	
-P53	1636-244	PLUG,PROP SYNCHROPHASER CONTROL	1	231	
-P62		PLUG,SUBPANEL DISCONNECT/SEE CHAPTER 91/.	1	231	
-P80		PLUG,INSTRUMENT PANEL GROUNDING/SEE CHAPTER 91/	1	231	
-S66	96-380030-7	GOVERNOR,RH	1	420	
-S67	96-380030-7	GOVERNOR,LH	1	410	

B E E C H C R A F T
B A R O N 5 8 P
W I R I N G D I A G R A M M A N U A L



CONTROLLING, PROP SYNCHROPHASER

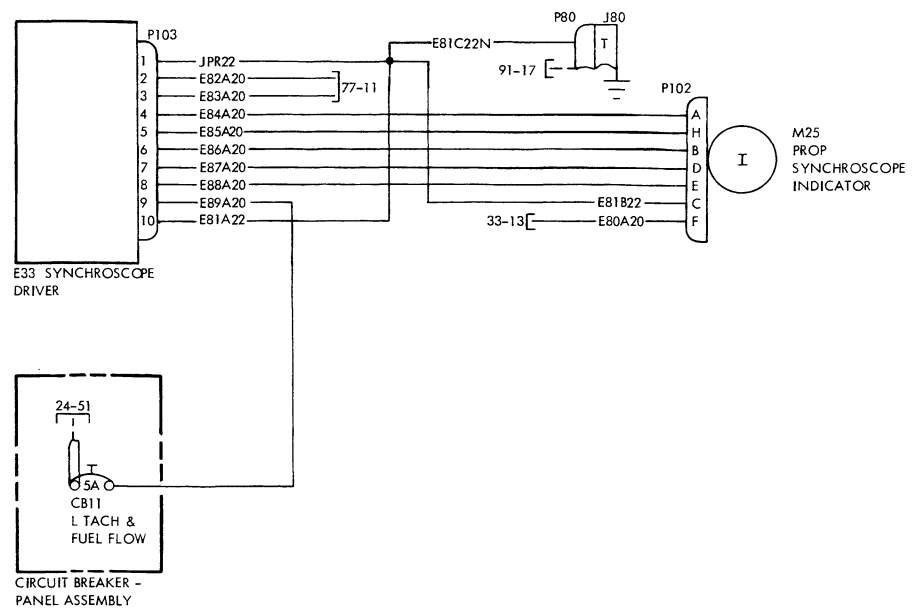
B E E C H C R A F T
BARON 58P
W I R I N G D I A G R A M M A N U A L

61-41-01
INDICATING - PROPELLER SYNCHROSCOPE

B E E C H C R A F T
BARON 58P
W I R I N G D I A G R A M M A N U A L

GAMA/ATA CODE & REF DES	PART NO.	DESCRIPTION	UNITS		USABLE	
			PER	INSTL	ON	
		1 2 3 4 5 6 7	ASSY	ZONE	CODE	
41-01-CB11	7277-2-5	CIRCUIT BREAKER,LH TACH AND FUEL FLOW	1	251		
-E33	EM2092-2	DRIVER,SYNCHROSCOPE	1	232		
-J80/P80		CONNECTOR,INSTRUMENT PANEL GROUNDING/SEE.	1	231		
		CHAPTER 91/				
-M25	102-380024-1	INDICATOR,PROP SYNCHROSCOPE	1	240		
-P102	126-196	PLUG,SYNCHROSCOPE INDICATOR	1	240		
-P103	20739601	PLUG HOUSING,SYNCHROSCOPE DRIVER.	1	232		
-P103	66105-2	SOCKET CONTACT.	AR	232		

B E E C H C R A F T
B A R O N 5 8 P
W I R I N G D I A G R A M M A N U A L



INDICATING-PROPELLER SYNCHROSCOPE

B E E C H C R A F T
BARON 58P
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71-11-01	3	12/09/83	

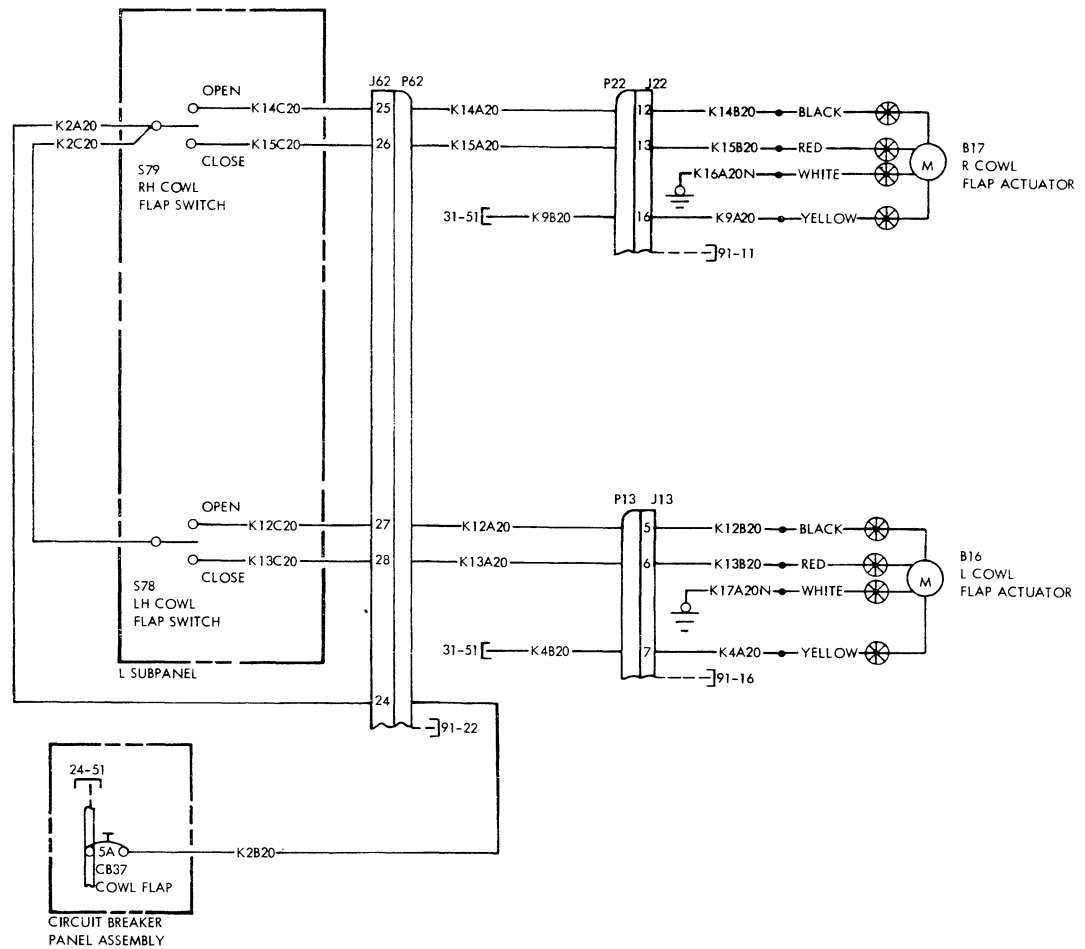
B E E C H C R A F T
BARON 58P
W I R I N G D I A G R A M M A N U A L

71-11-01
COWLING-FLAPS

B E E C H C R A F T
BARON 58P
W I R I N G D I A G R A M M A N U A L

GAMA/ATA CODE & REF DES	PART NO.	DESCRIPTION	UNITS		USABLE ON CODE
			PER ASSY	INSTL ZONE	
		1 2 3 4 5 6 7			
11-01-B16	102-389013-7	ACTUATOR,LH COWL FLAP	1	521	
-B17	102-389013-7	ACTUATOR,RH COWL FLAP	1	621	
-CB37	7277-2-5	CIRCUIT BREAKER,COWL FLAPS.	1	251	
-J13		RECEPTACLE,LH LEADING EDGE/SEE CHAPTER 91/.	1	521	
-J22		RECEPTACLE,RH LEADING EDGE/SEE CHAPTER 91/.	1	621	
-J62		RECEPTACLE,SUBPANEL DISCONNECT/SEE CHAPTER 91/.	1	231	
-P13		PLUG,LH LEADING EDGE/SEE CHAPTER 91/.	1	521	
-P22		PLUG,RH LEADING EDGE/SEE CHAPTER 91/.	1	621	
-P62		PLUG,SUBPANEL DISCONNECT/SEE CHAPTER 91/.	1	231	
-S78	35-380053-27	SWITCH,LH COWL FLAP	1	240	
-S79	35-380053-27	SWITCH,RH COWL FLAP	1	240	

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COWLING-FLAPS

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73-31-01	1	12/09/83.	 INDICATING-FUEL FLOW SYSTEM
73-31-01	2	12/09/83	
73-31-01	3	12/09/83	

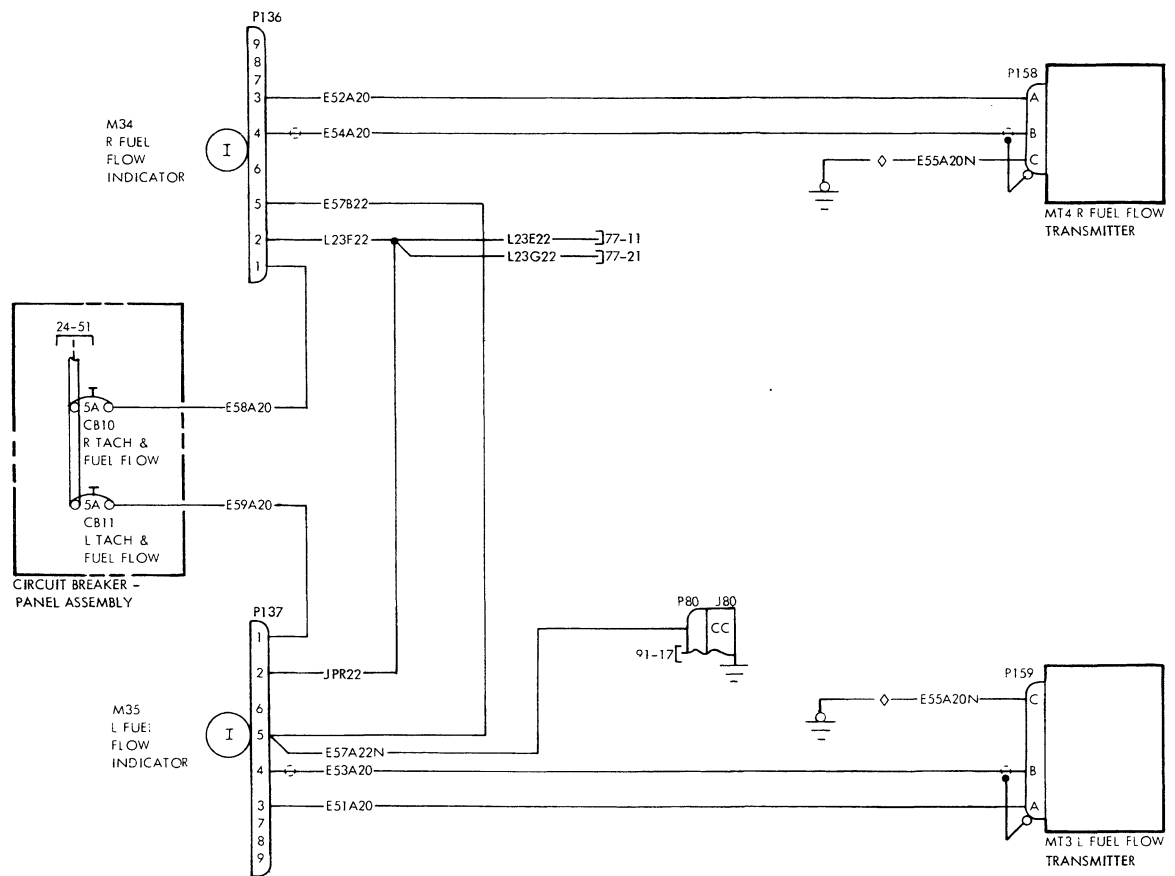
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73-31-01
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GAMA/ATA CODE & REF DES	PART NO.	DESCRIPTION	UNITS			USABLE ON CODE
			1 2 3 4 5 6 7	PER ASSY	INSTL ZONE	
31-01-CB10	7277-2-5	CIRCUIT BREAKER,RH TACH & FUEL FLOW		1	251	
-CB11	7277-2-5	CIRCUIT BREAKER,LH TACH & FUEL FLOW		1	251	
-J80		GROUNDING BLOCK/SEE CHAPTER 91/		1	231	
-M34	102-380012-1	INDICATOR,RH FUEL FLOW.		1	240	
-M35	102-380012-1	INDICATOR,LH FUEL FLOW.		1	240	
-MT3	102-389034-1	TRANSDUCER,LH FUEL FLOW		1	410	
-MT4	102-389034-1	TRANSDUCER,RH FUEL FLOW		1	420	
-P80		PLUG,INSTRUMENT PANEL GROUNDING/SEE CHAPTER 91/		1	231	
-P136	206708-1	PLUG HOUSING,RH FUEL FLOW INDICATOR		1	231	
-P136	66105-2	SOCKET CONTACT.		AR	231	
-P136	206966-1	CLAMP,STRAIN RELIEF		1	231	
-P137	206708-1	PLUG HOUSING,LH FUEL FLOW INDICATOR		1	231	
-P137	66105-2	SOCKET CONTACT.		AR	231	
-P137	206966-1	CLAMP,STRAIN RELIEF		1	231	
-P158	MS3456L10SL3S	PLUG,RH FUEL FLOW TRANSDUCER.		1	420	
-P158	MS3418-10N	CLAMP,STRAIN RELIEF		1	420	
-P159	MS3456L10SL3S	PLUG,LH FUEL FLOW TRANSDUCER.		1	410	
-P159	MS3418-10N	CLAMP,STRAIN RELIEF		1	410	

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INDICATING-FUEL FLOW SYSTEM

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74-31-01	1	12/09/83.	SWITCHING-IGNITION.
74-31-01	2	12/09/83	
74-31-01	3	12/09/83	

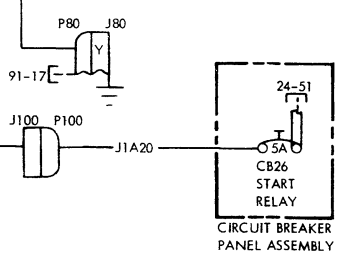
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74-31-01
SWITCHING-IGNITION

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GAMA/ATA CODE & REF DES	PART NO.	DESCRIPTION	UNITS		USABLE ON CODE
			PER ASSY	INSTL ZONE	
		1 2 3 4 5 6 7			
31-01-B14	637847	STARTER,LH/SEE CONTINENTAL PARTS CATALOG/ . . .	1	410	
-B15	637847	STARTER,RH/SEE CONTINENTAL PARTS CATALOG/ . . .	1	420	
-CB26	7277-2-5	CIRCUIT BREAKER,START RELAY	1	251	
-CR56	1.5KE51CA	TRANSZORB,RH STARTER RELAY.	1	132	
-CR57	1.5KE51CA	TRANSZORB,LH STARTER RELAY.	1	132	
-E19	S6RN1201	MAGNETO,LH/LH ENGINE/SEE ENGINE VENDOR PTS LIST	1	410	
-E20	S6RN1205	MAGNETO,RH/LH ENGINE/SEE ENGINE VENDOR PTS LIST	1	410	
-E21	S6RN1201	MAGNETO,LH/RH ENGINE/SEE ENGINE VENDOR PTS LIST	1	420	
-E22	S6RN1205	MAGNETO,RH/RH ENGINE/SEE ENGINE VENDOR PTS LIST	1	420	
-E34	10-357487-242	VIBRATOR,STARTER.	1	231	
-GS4/GS5	131270-3	GROUND STUD/GS4 & GS5/.	2	132	
-F25	AGC5	FUSE,START ANNUNCIATOR.	1	132	
-F26	AGC5	FUSE,START ANNUNCIATOR.	1	132	
-A19J1		RECEPTACLE,JUNCTION BOX ASSY/SEE CHAPTER 91/. .	1	232	
-J80		GROUNDING BLOCK/SEE CHAPTER 91/	1	231	
-J100	207535-1	RECEPTACLE HOUSING,STARTER SWITCH	1	231	
-J100	66103-2	PIN CONTACT/24-20 AWG/.	AR	231	
-J100	66400-1	PIN CONTACT/24-20 AWG/.	AR	231	
-J100	66099-2	PIN CONTACT/18-16 AWG/.	AR	231	
-J100	66602-1	PIN CONTACT/18-14 AWG/.	AR	231	
-K13/K14	6041H190	RELAY,LH & RH STARTER/K13 & K14/.	1	132	
-A19P1		PLUG,JUNCTION BOX ASSY/SEE CHAPTER 91/.	1	232	
-P80		PLUG,INSTRUMENT PANEL GROUNDING/SEE CHAPTER 91/	1	231	
-P100	207535-1	PLUG HOUSING,STARTER SWITCH	1	231	
-P100	66105-2	SOCKET CONTACT/24-20 AWG/	AR	231	
-P100	66101-1	SOCKET CONTACT/18-16 AWG/	AR	231	
-P100	66101-1	SOCKET CONTACT/18-14 AWG/	AR	231	
-S14	10-357230-1	SWITCH,LH ENGINE.	1	240	
-S15	10-357230-1	SWITCH,RH ENGINE.	1	240	
-W27	002-361016-17	BUS BAR	1	132	
-XF25	4532	FUSEHOLDER.	1	132	

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77-11-01	3	12/09/83	
77-21-01	1	12/09/83.	TEMPERATURE-CYLINDER HEAD & TURBINE INLET
77-21-01	2	12/09/83	
77-21-01	3	12/09/83	
77-22-01	1	12/09/83.	TEMPERATURE & PRESSURE-OIL.
77-22-01	2	12/09/83	
77-22-01	3	12/09/83	

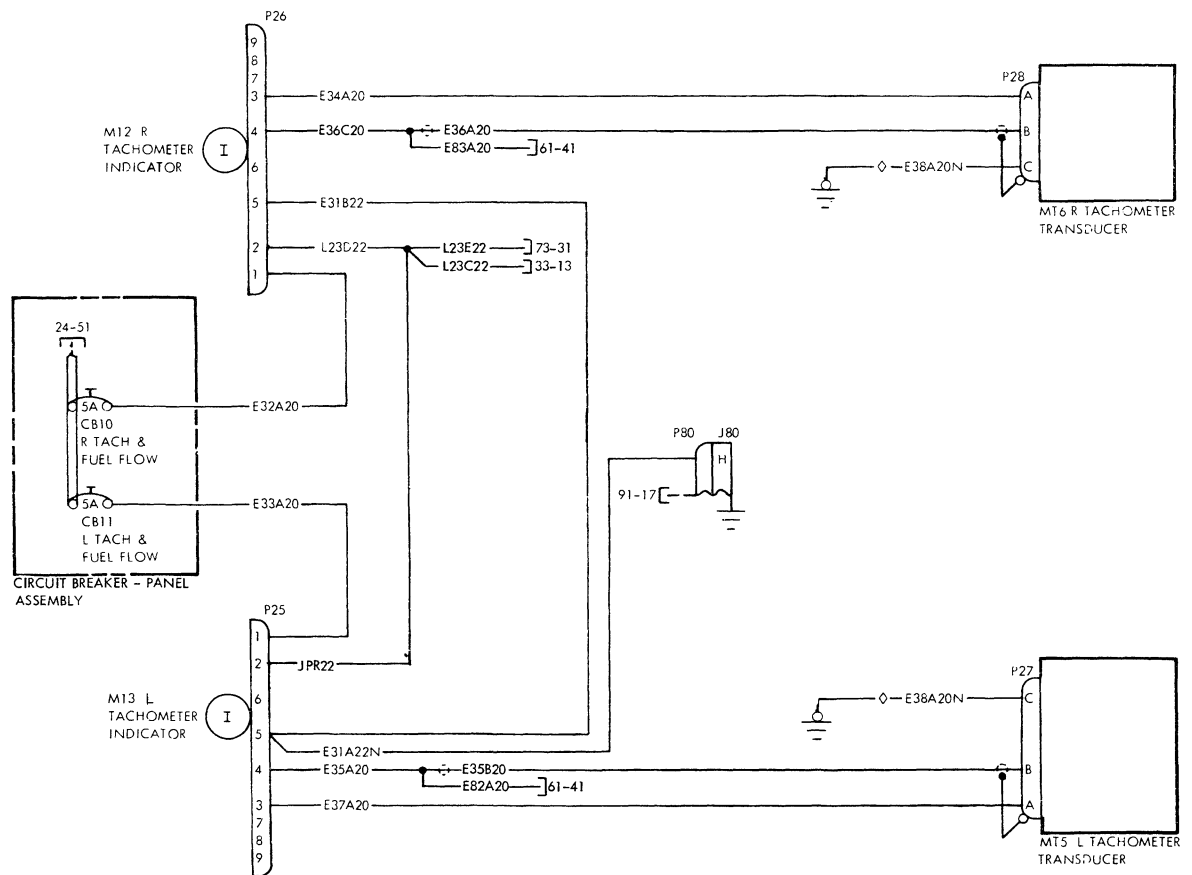
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77-11-01
POWER-TACHOMETER

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GAMA/ATA CODE & REF DES	PART NO.	DESCRIPTION	1 2 3 4 5 6 7							UNITS		USABLE	
										PER ASSY	INSTL ZONE	ON CODE	
11-01-CB10	7277-2-5	CIRCUIT BREAKER,RH TACH & FUEL FLOW								1	251		
-CB11	7277-2-5	CIRCUIT BREAKER,LH TACH & FUEL FLOW								1	251		
-J80		GROUNDING BLOCK/SEE CHAPTER 91/								1	231		
-M12	102-380011-25	INDICATOR,RH TACHOMETER								1	240		
-M13	102-380011-25	INDICATOR,LH TACHOMETER								1	240		
-MT5	102-389015-3	TRANSDUCER,LH TACHOMETER.								1	410		
-MT6	102-389015-3	TRANSDUCER,RH TACHOMETER.								1	420		
-P25	206708-1	PLUG HOUSING,RH TACHOMETER.								1	231		
-P25	66105-2	SOCKET CONTACT.								AR	231		
-P25	206966-1	CABLE CLAMP								1	231		
-P26	206708-1	PLUG HOUSING,RH TACHOMETER.								1	231		
-P26	66105-2	SOCKET CONTACT.								AR	231		
-P26	206966-1	CABLE CLAMP								1	231		
-P27	MS3106E10SL3S	PLUG,LH TACHOMETER TRANSDUCER/ALTERNATE FOR								1	410		
		/CA3106E10SL3S-F80/											
-P27	CA3106E10SL3SF80	PLUG,LH TACHOMETER TRANSDUCER/ALTERNATE FOR								1	410		
		/MS3106E10SL3S/											
-P28	MS3106E10SL3S	PLUG,RH TACHOMETER TRANSDUCER/ALTERNATE FOR								1	420		
		/CA3106E10SL3S-F80/											
-P28	CA3106E10SL3SF80	PLUG,RH TACHOMETER TRANSDUCER/ALTERNATE FOR								1	420		
		/MS3106E10SL3S/											
-P80		PLUG,INSTRUMENT PANEL GROUNDING/SEE CH 91/.								1	231		

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◇ WIRE NUMBER DUPLICATED FOR LEFT AND RIGHT
WIRE HARNESS INTERCHANGEABILITY.

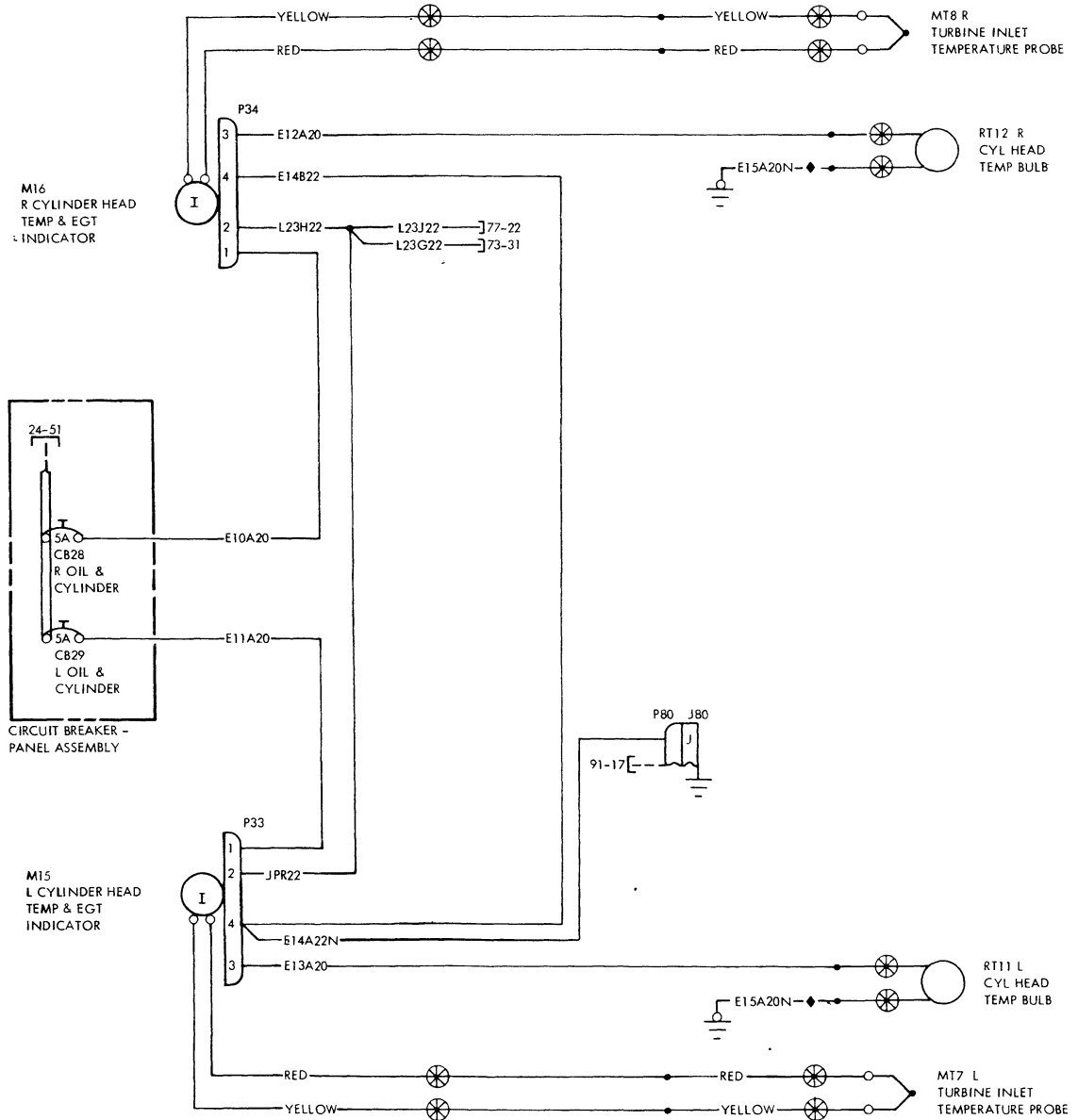
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77-21-01
TEMPERATURE-CYLINDER HEAD & TURBINE INLET

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GAMA/ATA CODE & REF DES	PART NO.	DESCRIPTION	UNITS		USABLE ON CODE
			PER ASSY	INSTL ZONE	
21-01-CB28	7277-2-5	CIRCUIT BREAKER,RIGHT OIL AND CYLINDER.	1	251	
-CB29	7277-2-5	CIRCUIT BREAKER,LEFT OIL AND CYLINDER	1	251	
-J80		INSTRUMENT PANEL GROUNDING BLOCK/SEE CH 91/ . . .	1	231	
-M15	102-380013-3	INDICATOR,LEFT CYL HD TEMP AND TIT.	1	240	
-M16	102-380013-3	INDICATOR,RIGHT CHT AND TIT	1	240	
-MT7	MC1-A106J1	PROBE,LH TURBINE INLET TEMPERATURE.	1	410	
-MT8	MC1-A106J1	PROBE,RH TURBINE INLET TEMPERATURE.	1	420	
-P33	206060-1	PLUG HOUSING,LEFT CHT AND TIT INDICATOR	1	231	
-P33	66105-2	SOCKET CONTACT.	AR	231	
-P33	206062-1	CABLE CLAMP	1	231	
-P34	206060-1	PLUG HOUSING,RIGHT CHT AND TIT INDICATOR. . . .	1	231	
-P34	66105-2	SOCKET CONTACT.	AR	231	
-P34	206062-1	CABLE CLAMP	1	231	
-P80		PLUG,INSTRUMENT PANEL GROUNDING/SEE CHAPTER 91/	1	231	
-RT11	AN5546-1	BULB,LEFT CYLINDER HEAD TEMPERATURE	1	410	
-RT12	AN5546-1	BULB,RIGHT CYLINDER HEAD TEMPERATURE.	1	420	

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W I R I N G D I A G R A M M A N U A L



◆ WIRE NUMBERS DUPLICATED FOR LEFT AND RIGHT
 ENGINE WIRE HARNESS INTERCHANGEABILITY.

TEMPERATURE-CYLINDER HEAD & TURBINE INLET

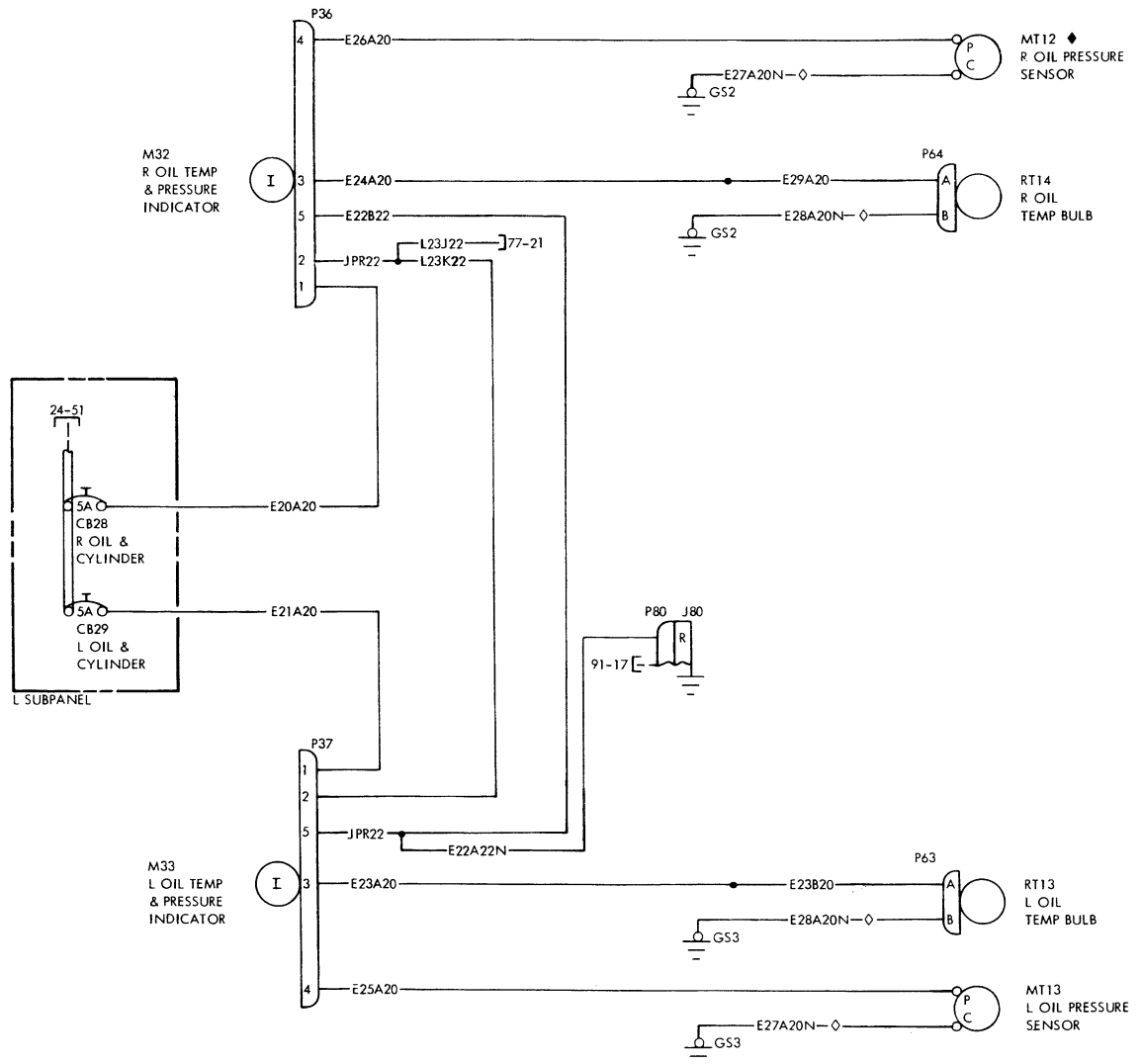
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77-22-01
TEMPERATURE & PRESSURE-OIL

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GAMA/ATA CODE & REF DES	PART NO.	DESCRIPTION	UNITS		USABLE ON CODE
			PER ASSY	INSTL ZONE	
		1 2 3 4 5 6 7			
22-01-CB28	7277-2-5	CIRCUIT BREAKER,RIGHT OIL AND CYLINDER.	1	251	
-CB29	7277-2-5	CIRCUIT BREAKER,LEFT OIL AND CYLINDER	1	251	
-J80		CONNECTOR,INST PANEL GROUNDING/SEE CH 91/	1	231	
-M32	102-380014-7	INDICATOR,RIGHT OIL TEMP AND PRESSURE	1	240	
-M33	102-380014-7	INDICATOR,LEFT OIL TEMP AND PRESSURE.	1	240	
-MT12	102-389017-1	SENSOR,RIGHT OIL PRESSURE	1	420	
-MT13	102-389017-1	SENSOR,LEFT OIL PRESSURE.	1	410	
-P36	206708-1	PLUG HOUSING,RIGHT OIL TEMP AND PRESSURE IND.	1	231	
-P36	66105-2	SOCKET CONTACT.	AR	231	
-P36	206966-1	CABLE CLAMP	1	231	
-P37	206708-1	PLUG HOUSING,LEFT OIL TEMP AND PRESSURE IND	1	231	
-P37	66105-2	SOCKET CONTACT.	AR	231	
-P37	206966-1	CABLE CLAMP	1	231	
-P63	MS3106E12S3S	PLUG,LH OIL TEMP BULB/ALTERNATE FOR	1	410	
		CA3106E12S3S-F80/			
-P63	CA3106E12S3S-F80	PLUG,LH OIL TEMP BULB/ALTERNATE FOR	1	410	
		MS3106E12S3S/			
-P64	MS3106E12S3S	PLUG,RH OIL TEMP BULB/ALTERNATE FOR	1	420	
		CA3106E12S3S-F80/			
-P64	CA3106E12S3S-F80	PLUG,RH OIL TEMP BULB/ALTERNATE FOR	1	420	
		MS3106E12S3S			
-RT13	MS28034-1	BULB,LH OIL TEMP.	1	410	
-RT14	MS28034-1	BULB,RH OIL TEMP.	1	420	

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- ◇ WIRE NUMBER DUPLICATED FOR LEFT AND RIGHT WIRE HARNESS INTERCHANGEABILITY.
- ◆ WHEN ENGINE HOUR METER OPTION IS INSTALLED REF 31-22-01.

TEMPERATURE & PRESSURE-OIL

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91-01-02	1	12/09/83.	SCHEMATIC-ELECTRICAL EQUIPMENT JUNCTION BOX . . .
91-01-02	2	12/09/83	
91-01-02	3	12/09/83	
91-02-01	1	12/09/83.	SCHEMATIC-ELECTRICAL EQUIPMENT FLAP RELAY
91-02-01	2	12/09/83	
91-02-01	3	12/09/83	
91-11-01	1	12/09/83.	RH LEADING EDGE CONNECTOR-P22/J22
91-11-01	2	12/09/83	
91-11-01	3	12/09/83	
91-12-01	1	12/09/83.	LH WING-WHEELWELL ACCESS CONNECTOR P10/J10. . . .
91-12-01	2	12/09/83	
91-12-01	3	12/09/83	
91-13-01	1	12/09/83.	RH WING-WHEELWELL ACCESS CONNECTOR P11/J11. . . .
91-13-01	2	12/09/83	
91-13-01	3	12/09/83	
91-14-01	1	12/09/83.	CROSSOVER DISCONNECT P85/J85.
91-14-01	2	12/09/83	
91-14-01	3	12/09/83	
91-15-01	1	12/09/83.	LH LEADING EDGE CONNECTOR P14/J14
91-15-01	2	12/09/83	
91-15-01	3	12/09/83	
91-16-01	1	12/09/83.	LH LEADING EDGE CONNECTOR P13/J13
91-16-01	2	12/09/83	
91-16-01	3	12/09/83	
91-17-01	1	12/09/83.	INSTRUMENT PANEL GROUNDING CONNECTOR P80/J80. . .
91-17-01	2	12/09/83	
91-17-01	3	12/09/83	
91-20-01	1	12/09/83.	SUBPANEL DISCONNECT P60/J60
91-20-01	2	12/09/83	
91-20-01	3	12/09/83	
91-21-01	1	12/09/83.	SUBPANEL DISCONNECT P61/J61
91-21-01	2	12/09/83	
91-21-01	3	12/09/83	
91-22-01	1	12/09/83.	SUBPANEL DISCONNECT P62/J62
91-22-01	2	12/09/83	
91-22-01	3	12/09/83	
91-23-01	1	12/09/83.	INSTRUMENT PANEL DISCONNECT P51/J51
91-23-01	2	12/09/83	
91-23-01	3	12/09/83	
91-24-01	1	12/09/83.	CONNECTOR-AFT FUSELAGE ACCESS P54/J54
91-24-01	2	12/09/83	
91-24-01	3	12/09/83	

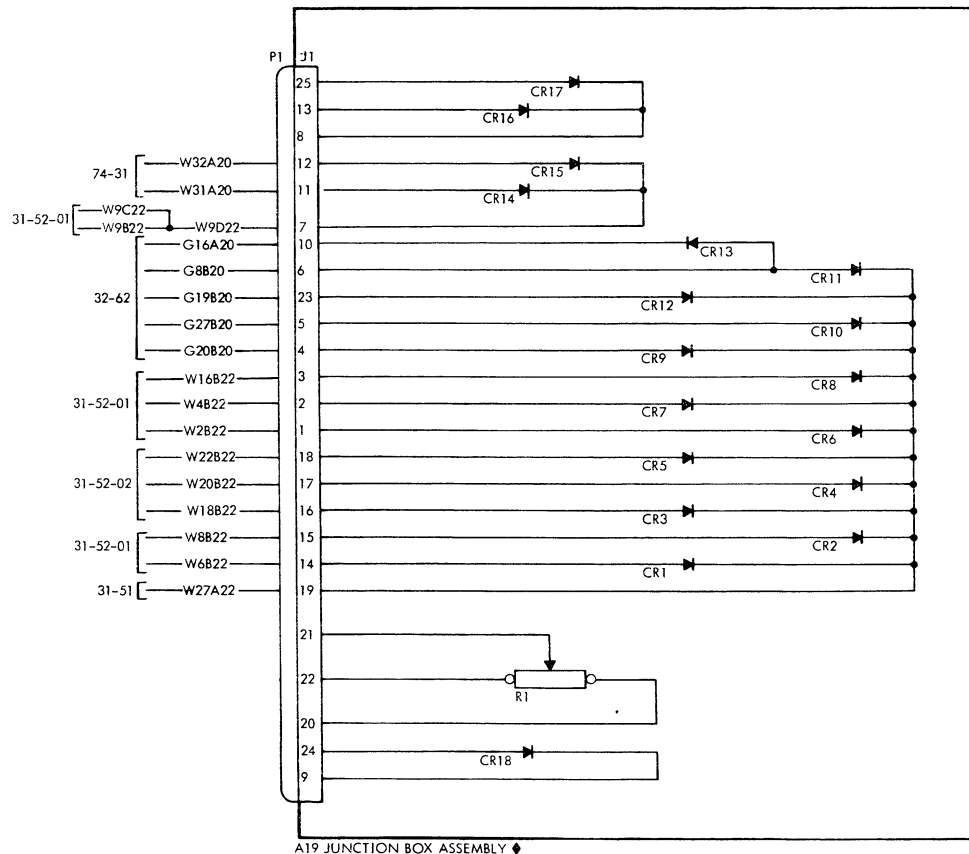
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GAMA/ATA CODE & REF DES	PART NO.	DESCRIPTION	UNITS		USABLE ON CODE
			PER ASSY	INSTL ZONE	
01-01-A19	58-364064-3	JUNCTION BOX ASSY	1	232	
-A19	58-364063-1	. PC BOARD/LESS COMPONENT PARTS/.	1	232	
-A19CR1	1N4005	. DIODE/A19CR1 THRU A19CR18/.	18	232	
-A19J1	205857-1	. RECEPTACLE,JUNCTION BOX ASSY.	1	232	
-A19R1	RT22C2W202	. POTENTIOMETER	1	232	
-P1	205207-1	PLUG HOUSING,JUNCTION BOX ASSY.	1	232	
-P1	205201-5	SOCKET CONTACT.	AR	232	
-P1	130104M1	LOCK ASSY	1	232	
-P1	D820962	BACKSHELL	1	232	

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♦ FOR COMPLETE REF DES PREFACE WITH A19A1.

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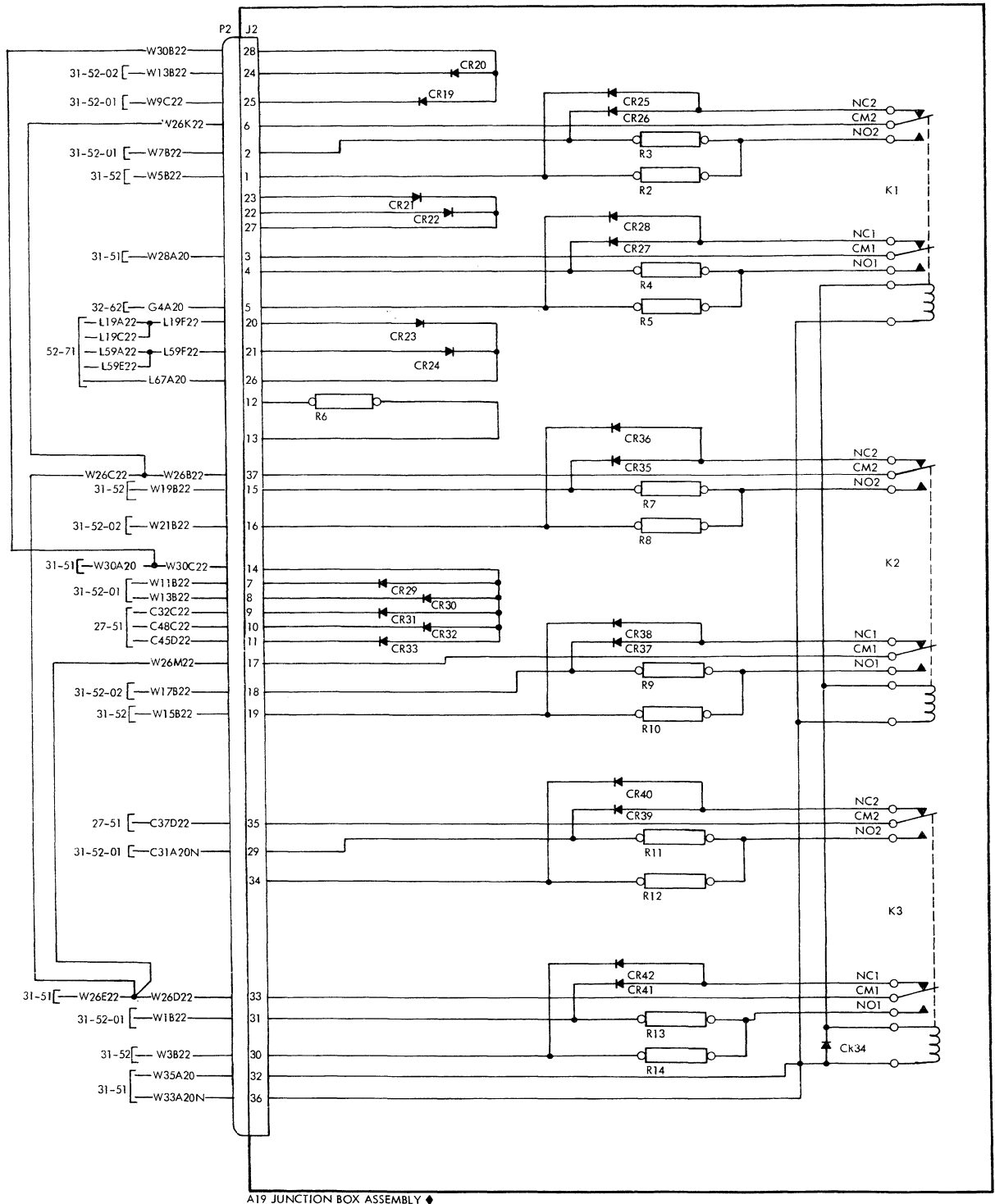
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91-01-02
SCHEMATIC-ELECTRICAL EQUIPMENT JUNCTION BOX

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			PER ASSY	INSTL ZONE	
01-02-A19	58-364064-3	JUNCTION BOX ASSY	1	232	
-A19	58-364063-1	. PC BOARD/LESS COMPONENT PARTS/.	1	232	
-A19CR19	1N4005	. DIODE/A19CR19 THRU A19CR42/	24	232	
-A19J2	205859-1	. PIN BLOCK	1	232	
-A19K1	50-384112-1	. RELAY/A19K1 THRU A19K3/	3	232	
-A19R2	RCR20G511JS	. RESISTOR/A19R2 THRU A19R4/.	3	232	
-A19R5	RCR42G151JS	. RESISTOR.	1	232	
-A19R6	RCR42G202JS	. RESISTOR.	1	232	
-A19R7	RCR20G511JS	. RESISTOR/A19R7 THRU A 19R14/.	8	232	
-P2	205209-1	PLUG HOUSING,JUNCTION BOX ASSY.	1	232	
-P2	205201-5	SOCKET CONTACT.	AR	232	

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♦ FOR COMPLETE REF DES PREFACE WITH A19A1.

SCHEMATIC-ELECTRICAL EQUIPMENT JUNCTION BOX

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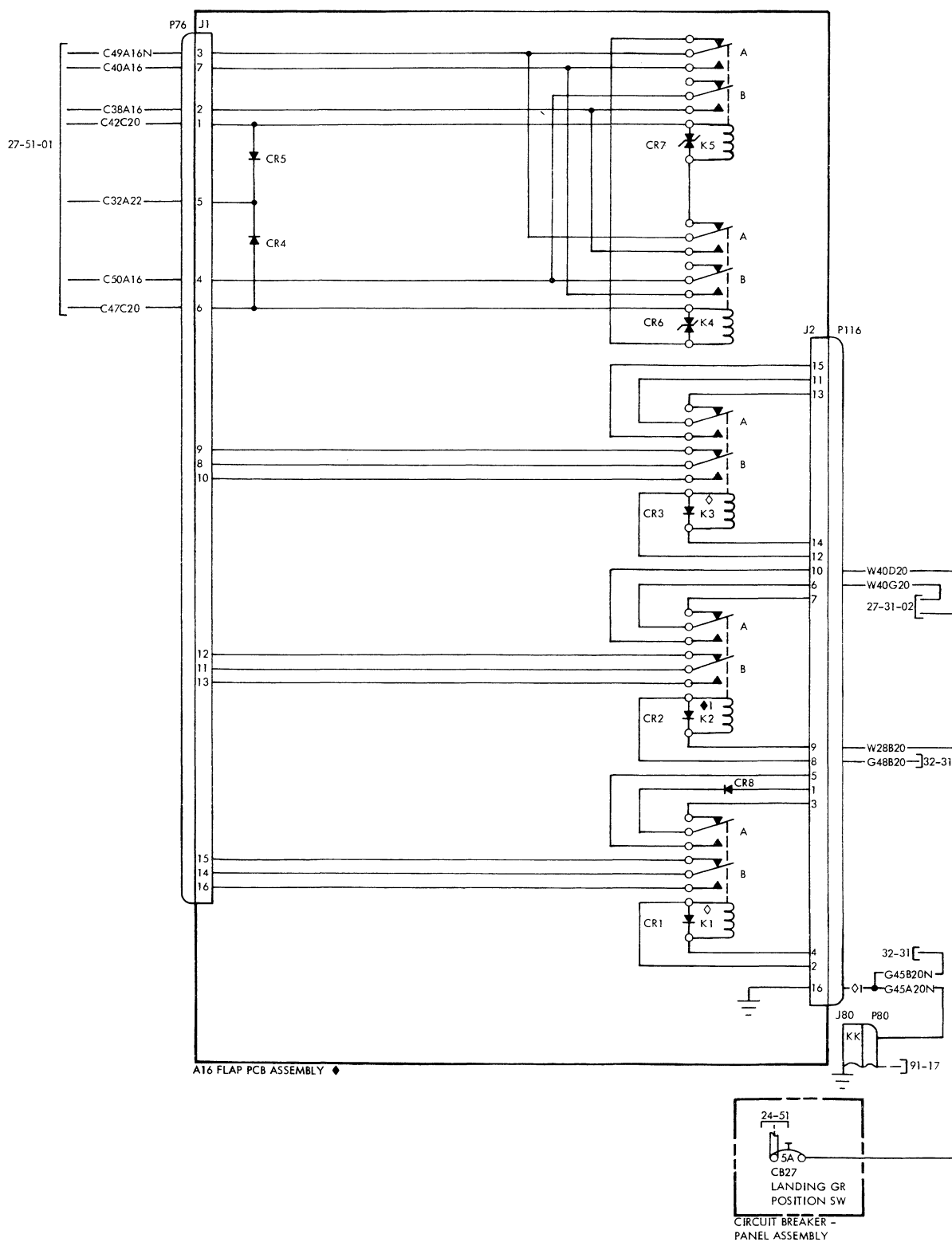
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SCHEMATIC-ELECTRICAL EQUIPMENT FLAP RELAY

B E E C H C R A F T
BARON 58P
W I R I N G D I A G R A M M A N U A L

GAMA/ATA CODE & REF DES	PART NO.	DESCRIPTION	UNITS		USABLE ON CODE
			1 2 3 4 5 6 7	PER ASSY	
02-01-A16	102-364059-1	PRINTED CIRCUIT BOARD ASSY,FLAP RELAY	.	.	1 231
-A16	102-364058-1	. PC BOARD/LESS COMPONENT PARTS/	.	.	1 231
-A16CR1	1N4005	. DIODE/A16CR1 THRU A 16CR5/	.	.	5 231
-A16CR6	1.5KE51CA	. TRANSZORB/A16CR6 & A16CR7/	.	.	2 231
-A16CR8	1N5404	. DIODE	.	.	1 231
-A16J1	207599-1	. PIN HEADER/CONNECTOR/	.	.	1 231
-A16J2	207599-1	. PIN HEADER/CONNECTOR/	.	.	1 231
-A16K1	50-380048-11	. RELAY/A16K1 THRU A16K5/	.	.	5 231
-CB27	7277-2-5	CIRCUIT BREAKER,LANDING GEAR POSITION SWITCH.	.	.	1 251
-J80	204814-1	RECEPTACLE,INSTRUMENT PANEL GROUNDING	.	.	1 231
-P76	207542-1	PLUG HOUSING,FLAP PCB ASSY.	.	.	1 231
-P76	66105-2	SOCKET CONTACT.	.	AR	231
-P80	200838-3	PLUG HOUSING,INST PANEL GROUNDING	.	.	1 231
-P80	201580-1	SOCKET CONTACT.	.	.	1 231

B E E C H C R A F T
BARON 58P
W I R I N G D I A G R A M M A N U A L



- ◇1 20 AWG JUMPER WIRE.
- ◇ COMPONENT IS NOT INSTALLED, SPACE PROVIDED FOR FURTHER GROWTH.
- ◆ FOR COMPLETE REF DES PREFACE WITH A16A1.
- ◇1 OPTIONAL EQUIPMENT.

SCHEMATIC-ELECTRICAL EQUIPMENT FLAP RELAY

B E E C H C R A F T
BARON 58P
W I R I N G D I A G R A M M A N U A L

91-11-01
RH LEADING EDGE CONNECTOR-P22/J22

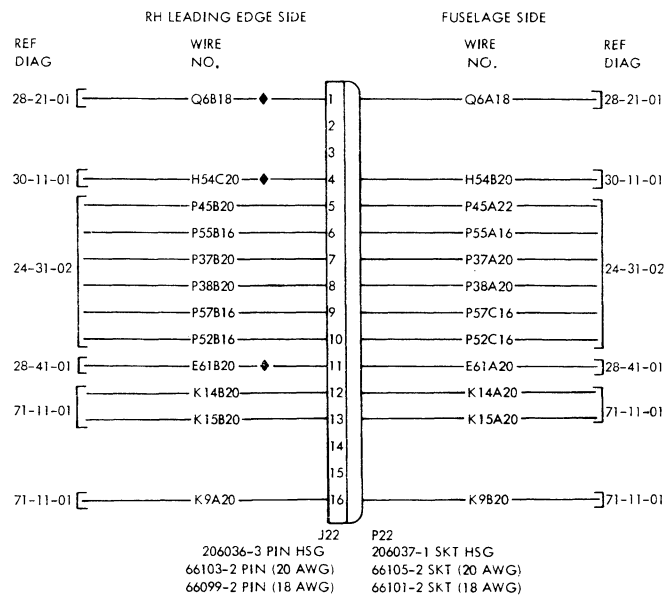
B E E C H C R A F T
BARON 58P
W I R I N G D I A G R A M M A N U A L

GAMA/ATA CODE & REF DES	PART NO.	DESCRIPTION	UNITS			USABLE ON CODE
			1 2 3 4 5 6 7	PER ASSY	INSTL ZONE	
11-01-J22	206036-1	RECEPTACLE HOUSING,RH LEADING EDGE.		1	621	
-J22	66103-2	PIN CONTACT		AR	621	
-J22	66099-2	PIN CONTACT		AR	621	
-J22	606070-1	STRAIN RELIEF		1	621	
-P22	206037-1	PLUG HOUSING,RH LEADING EDGE.		1	621	
-P22	66101-2	SOCKET CONTACT.		AR	621	
-P22	66105-2	SOCKET CONTACT.		AR	621	
-P22	206070-1	STRAIN RELIEF		1	621	

B E E C H C R A F T
BARON 58P
W I R I N G D I A G R A M M A N U A L



VIEW FROM BACK OF CONNECTOR



USE OF FOLLOWING TOOLS REQUIRED:

INSERTION TOOL:	91002-1 (18 & 20 AWG)
EXTRACTION TOOL:	305183 (18 & 20 AWG)
CRIMPING TOOL:	90277-1 (18 & 20 AWG)
STRAIN RELIEF:	206070-1 (AMP INC)

◆ WIRE NUMBER DUPLICATED FOR LEFT AND RIGHT
WIRE HARNESS INTERCHANGEABILITY.

RH LEADING EDGE CONNECTOR-P22/J22

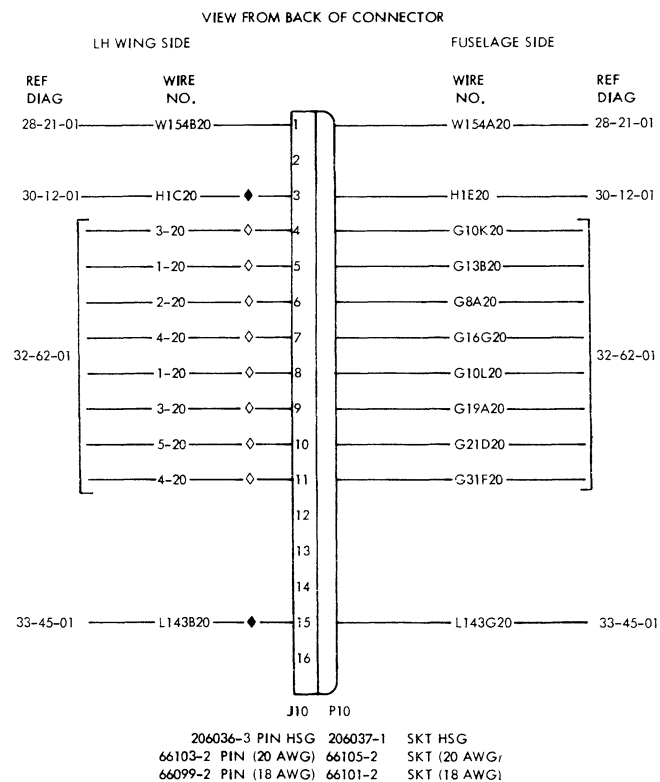
B E E C H C R A F T
BARON 58P
W I R I N G D I A G R A M M A N U A L

91-12-01
LH WING→WHEELWELL ACCESS CONNECTOR P10/J10

B E E C H C R A F T
BARON 58P
W I R I N G D I A G R A M M A N U A L

GAMA/ATA CODE & REF DES	PART NO.	DESCRIPTION	UNITS		USABLE ON CODE
			PER ASSY	INSTL ZONE	
12-01-J10	206036-3	RECEPTACLE HOUSING,LH WING WHEELWELL ACCESS . . .	1	730	
-J10	66103-2	PIN CONTACT	AR	730	
-J10	66099-2	PIN CONTACT	AR	730	
-J10	206070-1	STRAIN RELIEF	1	730	
-P10	206037-1	PLUG HOUSING,LH WING WHEELWELL ACCESS	1	730	
-P10	66101-2	SOCKET CONTACT.	AR	730	
-P10	66105-2	SOCKET CONTACT.	AR	730	
-P10	206070-1	STRAIN RELIEF	1	730	

B E E C H C R A F T
BARON 58P
W I R I N G D I A G R A M M A N U A L



USE OF FOLLOWING TOOLS REQUIRED:

INSERTION TOOL: 91002-1 (18 & 20 AWG).
 EXTRACTION TOOL: 305183 (18 & 20 AWG).
 CRIMPING TOOL: 90277-1 (18 & 20 AWG).
 STRAIN RELIEF: 206070-1 (AMP, INC).

- ◆ WIRE NUMBER DUPLICATED FOR LEFT AND RIGHT WIRE HARNESS INTERCHANGEABILITY.
- ◇ STAMP REF DES OF APPLICABLE SWITCH ON HEAT SHRINKABLE TUBING & INSTALL ON WIRE FURNISHED WITH EQUIPMENT.

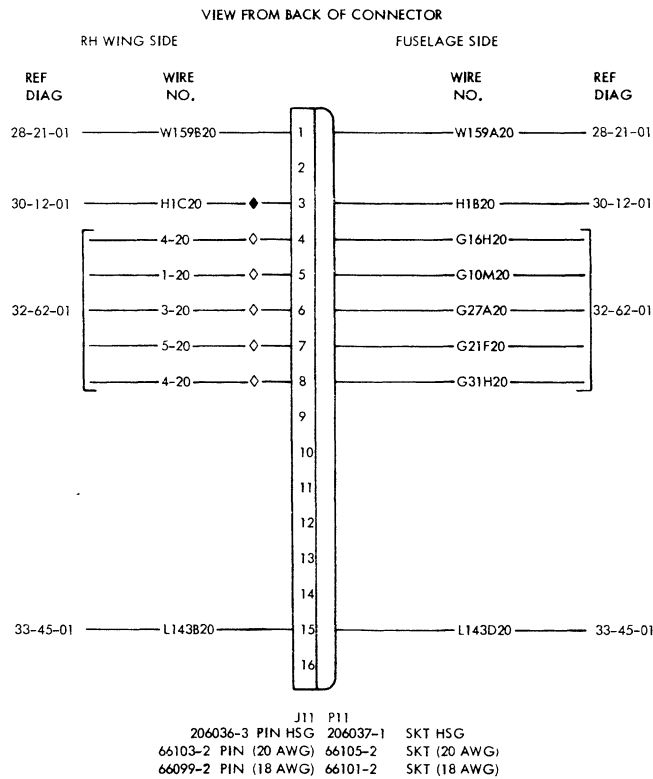
B E E C H C R A F T
BARON 58P
W I R I N G D I A G R A M M A N U A L

91-13-01
RH WING-WHEELWELL ACCESS CONNECTOR P11/J11

B E E C H C R A F T
BARON 58P
W I R I N G D I A G R A M M A N U A L

GAMA/ATA CODE & REF DES	PART NO.	DESCRIPTION	UNITS		USABLE ON CODE
			PER ASSY	INSTL ZONE	
		1 2 3 4 5 6 7			
13-01-J11	206036-3	RECEPTACLE HOUSING,RH WING WHEELWELL ACCESS . .	1	740	
-J11	66103-2	PIN CONTACT	AR	740	
-J11	66099-2	PIN CONTACT	AR	740	
-J11	606070-1	STRAIN RELIEF	1	740	
-P11	206037-1	PLUG HOUSING,RH WING WHEELWELL ACCESS	1	740	
-P11	66105-2	SOCKET CONTACT.	AR	740	
-P11	66101-2	SOCKET CONTACT.	AR	740	
-P11	206070-1	STRAIN RELIEF	1	740	

B E E C H C R A F T
BARON 58P
W I R I N G D I A G R A M M A N U A L



USE OF FOLLOWING TOOLS REQUIRED:

INSERTION TOOL: 91002-1 (18 & 20 AWG).
EXTRACTION TOOL: 305183 (18 & 20 AWG).
CRIMPING TOOL: 90277-1 (18 & 20 AWG).
STRAIN RELIEF: 206070-1 (AMP, INC).

- ◆ WIRE NUMBER DUPLICATED FOR LEFT AND RIGHT WIRE HARNESS INTERCHANGEABILITY.
- ◇ STAMP REF DES OF APPLICABLE SWITCH ON HEAT SHRINKABLE TUBING & INSTALL ON WIRE FURNISHED WITH EQUIPMENT.

RH WING-WHEELWELL ACCESS CONNECTOR P11/J11

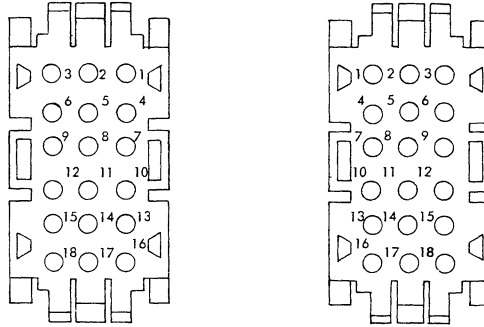
B E E C H C R A F T
BARON 58P
W I R I N G D I A G R A M M A N U A L

91-14-01
CROSSOVER DISCONNECT P85/J85

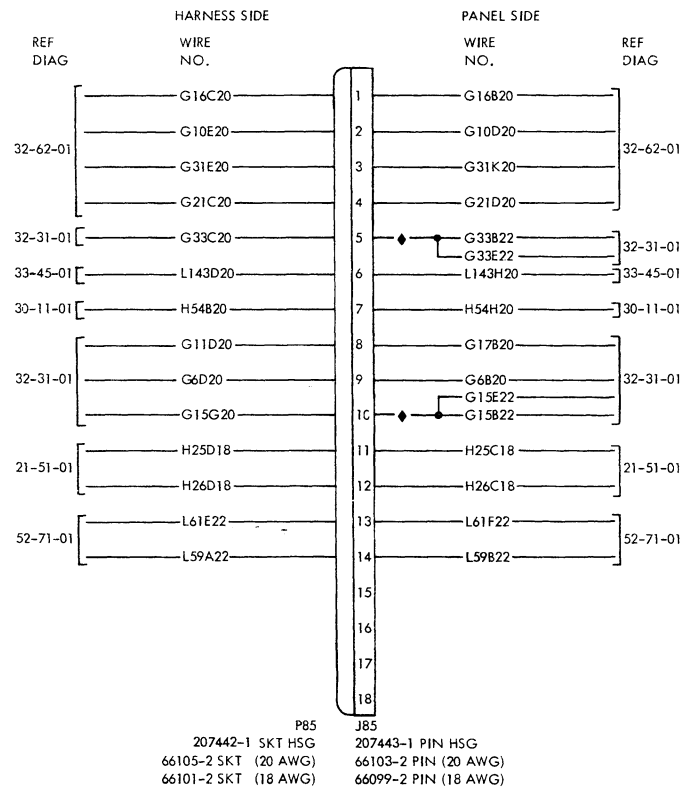
B E E C H C R A F T
BARON 58P
W I R I N G D I A G R A M M A N U A L

GAMA/ATA CODE & REF DES	PART NO.	DESCRIPTION	UNITS		USABLE	
			PER ASSY	INSTL ZONE	ON CODE	
		1 2 3 4 5 6 7				
14-01-J85	207443-1	RECEPTACLE HOUSING,CROSSOVER DISCONNECT	1	150		
-J85	66103-2	PIN CONTACT	AR	150		
-J85	66099-2	PIN CONTACT	AR	150		
-P85	207442-1	PLUG HOUSING,CROSSOVER DISCONNECT	1	150		
-P85	66105-2	SOCKET CONTACT.	AR	150		
-P85	66101-2	SOCKET CONTACT.	AR	150		

B E E C H C R A F T BARON 58P W I R I N G D I A G R A M M A N U A L



VIEW FROM BACK OF CONNECTOR



USE OF FOLLOWING TOOLS REQUIRED:

INSERTION TOOL: 91002-1 (18 & 20 AWG).
 EXTRACTION TOOL: 305183 (18 & 20 AWG).
 CRIMPING TOOL: 90277-1 (18 & 20 AWG).

♦ 22 AWG JUMPER WIRE.

CROSSOVER DISCONNECT P85/J85

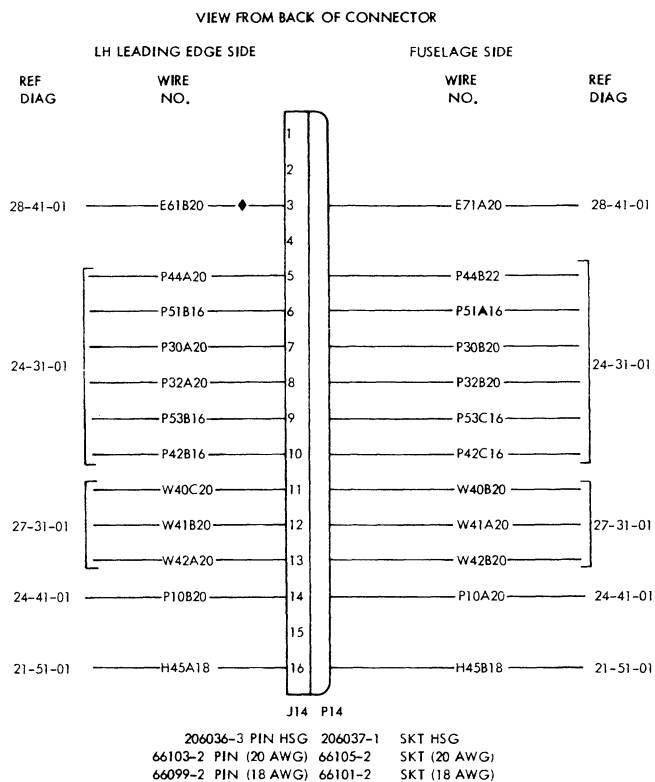
B E E C H C R A F T
BARON 58P
W I R I N G D I A G R A M M A N U A L

91-15-01
LH LEADING EDGE CONNECTOR P14/J14

B E E C H C R A F T
BARON 58P
W I R I N G D I A G R A M M A N U A L

GAMA/ATA CODE & REF DES	PART NO.	DESCRIPTION	UNITS		USABLE ON CODE
			PER ASSY	INSTL ZONE	
15-01-J14	206036-3	RECEPTACLE HOUSING,LH LEADING EDGE.	1	521	
-J14	66103-2	PIN CONTACT	AR	521	
-J14	66099-2	PIN CONTACT	AR	521	
-J14	206070-1	STRAIN RELIEF	1	521	
-P14	206037-1	PLUG HOUSING,LH LEADING EDGE.	1	521	
-P14	66105-2	SOCKET CONTACT.	AR	521	
-P14	66101-2	SOCKET CONTACT.	AR	521	
-P14	206070-1	STRAIN RELIEF	1	521	

BEECHCRAFT BARON 58P WIRING DIAGRAM MANUAL



USE OF FOLLOWING TOOLS REQUIRED:

INSERTION TOOL: 91002-1 (18 & 20 AWG).
 EXTRACTION TOOL: 305183 (18 & 20 AWG).
 CRIMPING TOOL: 90277-1 (18 & 20 AWG).
 STRAIN RELIEF: 206070-1 (AMP, INC).

♦ WIRE NUMBER DUPLICATED FOR LEFT & RIGHT WIRE
HARNES INTERCHANGEABILITY.

LH LEADING EDGE CONNECTOR P14/J14

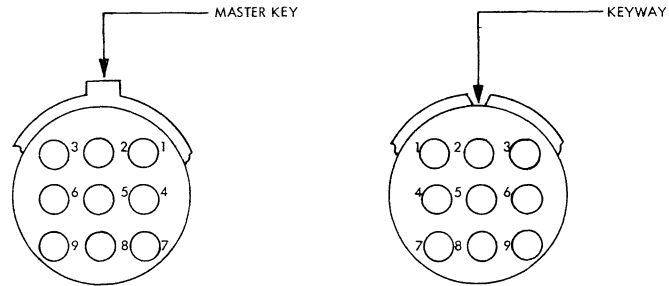
B E E C H C R A F T
BARON 58P
W I R I N G D I A G R A M M A N U A L

91-16-01
LH LEADING EDGE CONNECTOR P13/J13

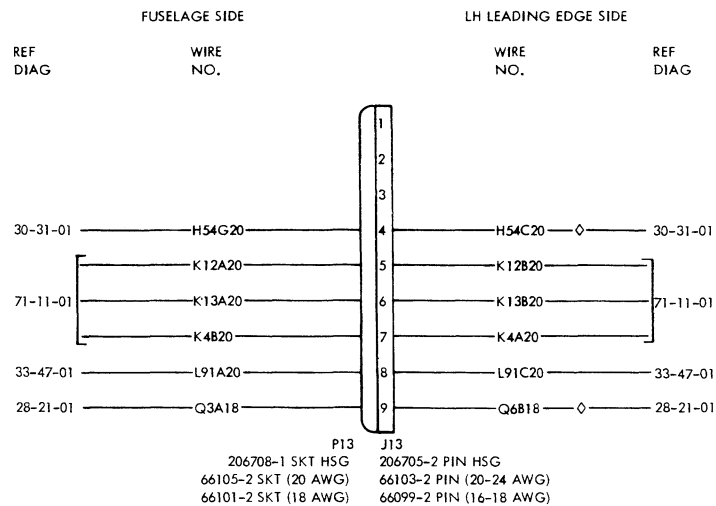
B E E C H C R A F T
BARON 58P
W I R I N G D I A G R A M M A N U A L

GAMA/ATA CODE & REF DES	PART NO.	DESCRIPTION	UNITS		USABLE ON CODE
			PER ASSY	INSTL ZONE	
16-01-J13	206705-2	RECEPTACLE HOUSING,LH LEADING EDGE.	1	521	
-J13	66103-2	PIN CONTACT	AR	521	
-J13	66099-2	PIN CONTACT	AR	521	
-J13	206966-1	STRAIN RELIEF	1	521	
-P13	206708-1	PLUG HOUSING,LH LEADING EDGE.	1	521	
-P13	66101-2	SOCKET CONTACT.	AR	521	
-P13	66105-2	SOCKET CONTACT.	AR	521	
-P13	206966-1	STRAIN RELIEF	1	521	

B E E C H C R A F T BARON 58P W I R I N G D I A G R A M M A N U A L



VIEW FROM BACK OF CONNECTOR



USE OF FOLLOWING TOOLS REQUIRED:

INSERTION TOOL: 200878-2 (14 AWG)
91002-1 (18 & 20 AWG)
EXTRACTION TOOL: 305183 (14, 18 & 20 AWG)
CRIMPING TOOL: 90277-1

◇ WIRE NUMBERS DUPLICATED FOR LEFT AND RIGHT
WIRE HARNESS INTERCHANGEABILITY.

LH LEADING EDGE CONNECTOR P13/J13

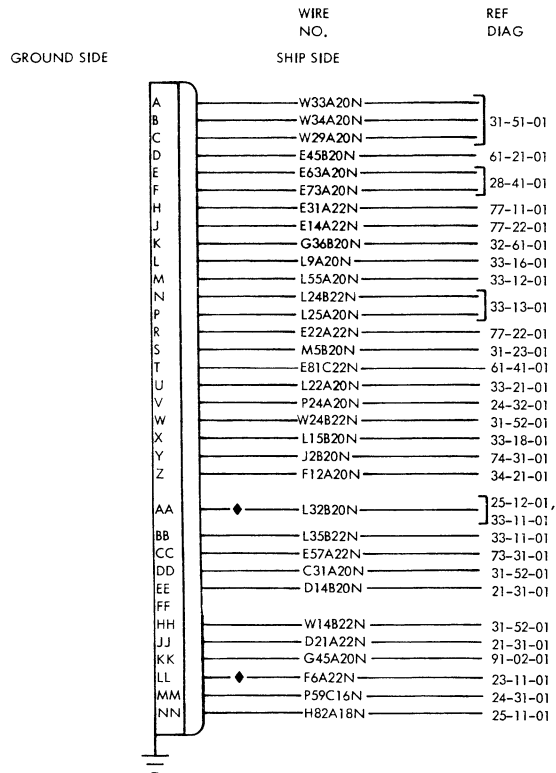
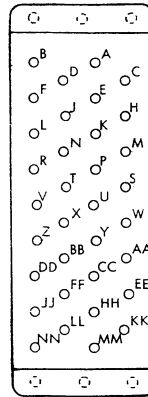
B E E C H C R A F T
BARON 58P
W I R I N G D I A G R A M M A N U A L

91-17-01
INSTRUMENT PANEL GROUNDING CONNECTOR P80/J80

B E E C H C R A F T
BARON 58P
W I R I N G D I A G R A M M A N U A L

GAMA/ATA CODE & REF DES	PART NO.	DESCRIPTION	UNITS		USABLE	
			PER	INSTL	ON	
		1 2 3 4 5 6 7	ASSY	ZONE	CODE	
17-01-J80	204814-1	GROUNDING BLOCK	1	231		
-P80	200838-3	PLUG HOUSING, INSTRUMENT PANEL GROUNDING	1	231		
-P80	201328-1	SOCKET CONTACT.	AR	231		
-P80	200333-1	SOCKET CONTACT.	AR	231		
-P80	201224-1	STRAIN RELIEF CLAMP	1	231		
-P80	203618-1	JACKSCREW CONTACTS.	2	231		

BEECHCRAFT BARON 58P WIRING DIAGRAM MANUAL



J80
204814-1
GROUNDING BLOCK

P80
200836-3 PLUG SOCKET HOUSING
201328-1 SOCKET CONTACTS (20-22 AWG)
200333-1 SOCKET CONTACTS (16-18 AWG)
203618-1 JACKSCREW CONTACTS
201224-1 STRAIN RELIEF CLAMP

USE OF FOLLOWING TOOLS REQUIRED:

45099 (20-24 GAGE) (CRIMP)
200893-2 (INSERTION)
305183 (EXTRACTION)

◆ FOR MODE OF CONNECTION TO COILED CORD,
REFER TO APPLICABLE AVIONICS DWGS.

INSTRUMENT PANEL GROUNDING CONNECTOR P80/J80

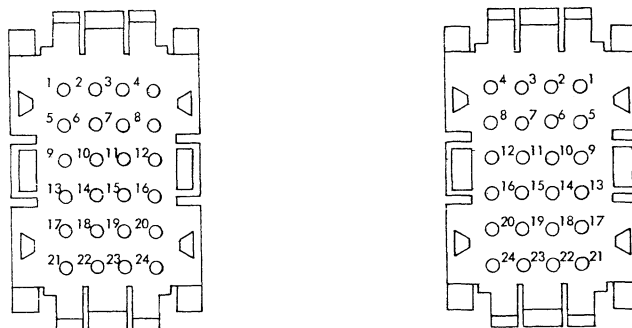
B E E C H C R A F T
BARON 58P
W I R I N G D I A G R A M M A N U A L

91-20-01
SUBPANEL DISCONNECT P60/J60

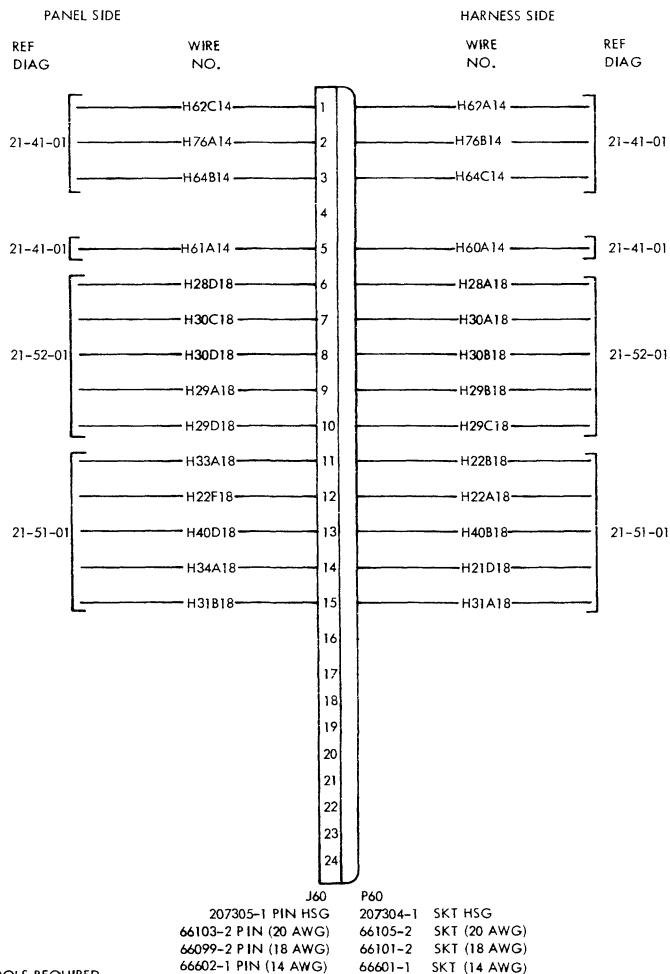
B E E C H C R A F T
BARON 58P
W I R I N G D I A G R A M M A N U A L

GAMA/ATA CODE & REF DES	PART NO.	DESCRIPTION	UNITS			USA3LE ON CODE
			PER ASSY	INSTL ZONE		
		1 2 3 4 5 6 7				
20-01-J60	207305-1	RECEPTACLE HOUSING, SUBPANEL DISCONNECT.	1	231		
-J60	66103-2	PIN CONTACT	AR	231		
-J60	66099-2	PIN CONTACT	AR	231		
-J60	66602-2	PIN CONTACT	AR	231		
-P60	207304-1	PLUG HOUSING, SUBPANEL DISCONNECT.	1	231		
-P60	66105-2	SOCKET CONTACT.	AR	231		
-P60	66101-2	SOCKET CONTACT.	AR	231		
-P60	66601-1	SOCKET CONTACT.	AR	231		

BEECHCRAFT BARON 58P WIRING DIAGRAM MANUAL



VIEW FROM BACK SIDE OF CONNECTOR



USE OF FOLLOWING TOOLS REQUIRED:

INSERTION TOOL: 91002-1 (18 & 20 AWG).
 EXTRACTION TOOL: 305183 (18 & 20 AWG).
 CRIMPING TOOL: 90277-1 (18 & 20 AWG).
 90310-1 (14 AWG)

J60	P60
207305-1 PIN HSG	207304-1 SKT HSG
66103-2 PIN (20 AWG)	66105-2 SKT (20 AWG)
66099-2 PIN (18 AWG)	66101-2 SKT (18 AWG)
66602-1 PIN (14 AWG)	66601-1 SKT (14 AWG)

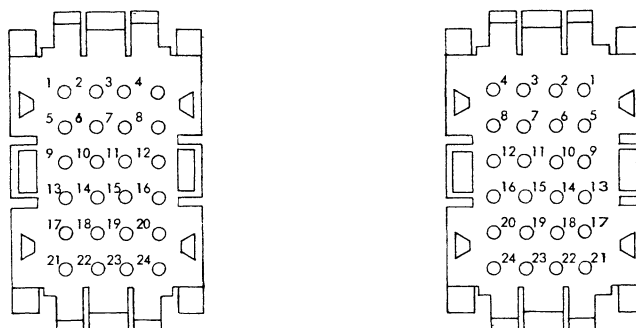
B E E C H C R A F T
BARON 58P
W I R I N G D I A G R A M M A N U A L

91-21-01
SUBPANEL DISCONNECT P61/J61

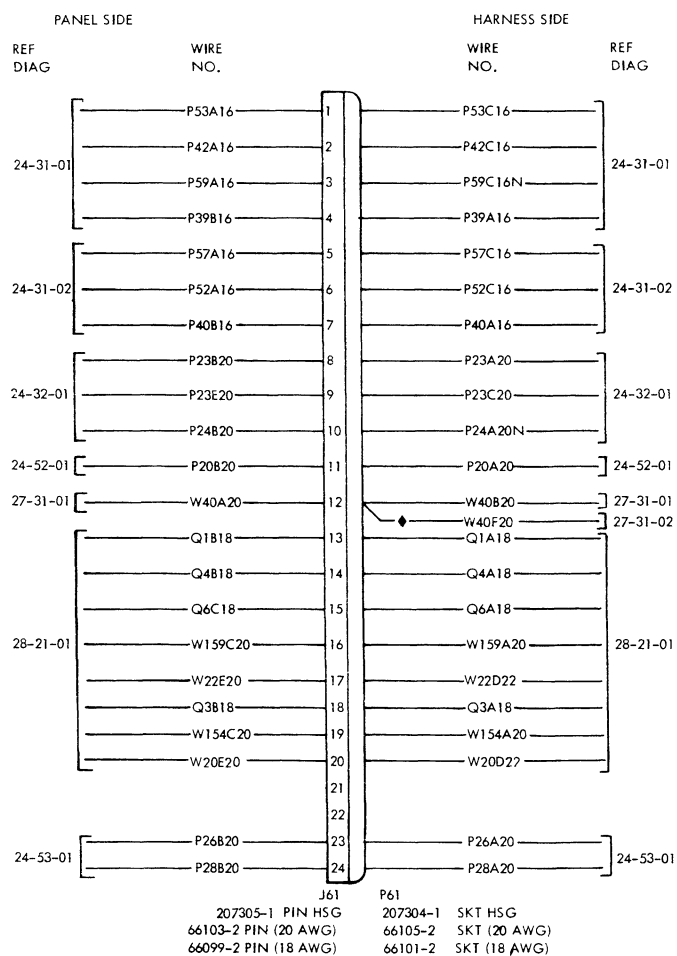
B E E C H C R A F T
BARON 58P
W I R I N G D I A G R A M M A N U A L

GAMA/ATA CODE & REF DES	PART NO.	DESCRIPTION	UNITS		USABLE ON CODE
			PER ASSY	INSTL ZONE	
		1 2 3 4 5 6 7			
21-01-J61	207305-1	RECEPTACLE HOUSING,SUBPANEL DISCONNECT.	1	231	
-J61	66103-2	PIN CONTACT	AR	231	
-J61	66099-2	PIN CONTACT	AR	231	
-J61	66602-2	PIN CONTACT	AR	231	
-P61	207304-1	PLUG HOUSING,SUBPANEL DISCONNECT.	1	231	
-P61	66105-2	SOCKET CONTACT.	AR	231	
-P61	66101-2	SOCKET CONTACT.	AR	231	
-P61	66601-2	SOCKET CONTACT.	AR	231	

BEECHCRAFT BARON 58P WIRING DIAGRAM MANUAL



VIEW FROM BACK SIDE OF CONNECTOR



USE OF FOLLOWING TOOLS REQUIRED:

INSERTION TOOL: 91002-1 (18 & 20 AWG).

EXTRACTION TOOL: 305183 (18 & 20 AWG).

CRIMPING TOOL: 90277-1 (18 & 20 AWG).

♦ WIRE USED ONLY WHEN OPTIONAL STALL WARNING IS INSTALLED.

SUBPANEL DISCONNECT P61/J61

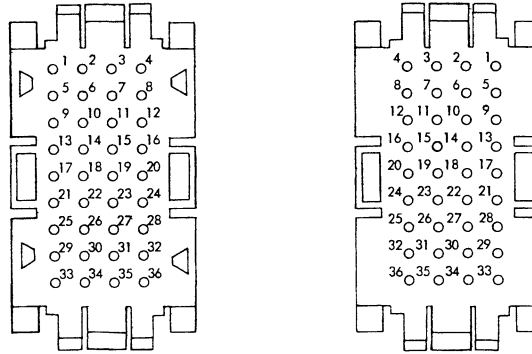
B E E C H C R A F T
BARON 58P
W I R I N G D I A G R A M M A N U A L

91-22-01
SUBPANEL DISCONNECT P62/J62

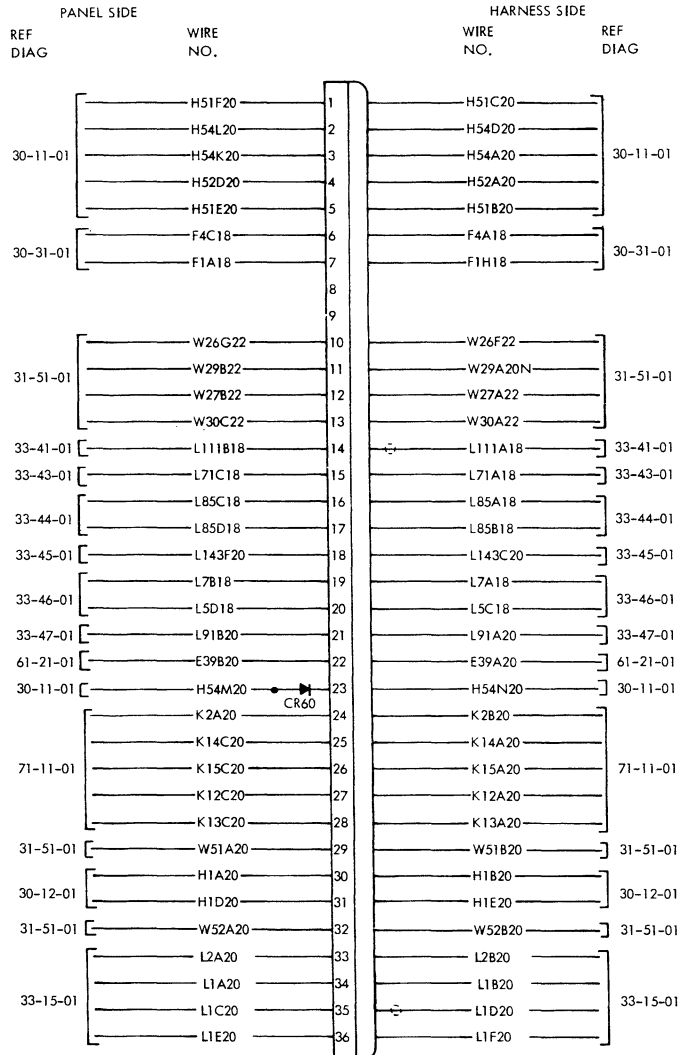
B E E C H C R A F T
BARON 58P
W I R I N G D I A G R A M M A N U A L

GAMA/ATA CODE & REF DES	PART NO.	DESCRIPTION	UNITS		USABLE ON CODE
			PER ASSY	INSTL ZONE	
22-01-J62	207020-1	RECEPTACLE HOUSING,SUBPANEL DISCONNECT.	1	231	
-J62	66103-2	PIN CONTACT	AR	231	
-J62	66099-2	PIN CONTACT	AR	231	
-J62	66602-2	PIN CONTACT	AR	231	
-P62	207019-1	PLUG HOUSING,SUBPANEL DISCONNECT.	1	231	
-P62	66105-2	SOCKET CONTACT.	AR	231	
-P62	66101-2	SOCKET CONTACT.	AR	231	
-P62	66601-2	SOCKET CONTACT.	AR	231	

B E E C H C R A F T BARON 58P W I R I N G D I A G R A M M A N U A L



VIEW FROM BACK SIDE OF CONNECTOR



USE OF FOLLOWING TOOLS REQUIRED:

INSERTION TOOL: 91002-1 (18 & 20 AWG)

EXTRACTION TOOL: 305183 (18 & 20 AWG)

CRIMPING TOOL: 90277-1 (18 & 20 AWG)

90310-1 (14 AWG)

207020-1 PIN HSG

66103-1 PIN (20 AWG)

66099-2 PIN (18 AWG)

66602-1 PIN (14 AWG)

J62

207019-1 SKT HSG

66105-2 SKT (20 AWG)

66101-2 SKT (18 AWG)

66601-1 SKT (14 AWG)

SUBPANEL DISCONNECT P62/J62

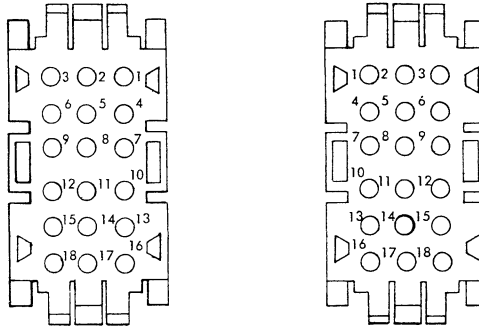
B E E C H C R A F T
BARON 58P
W I R I N G D I A G R A M M A N U A L

91-23-01
INSTRUMENT PANEL DISCONNECT P51/J51

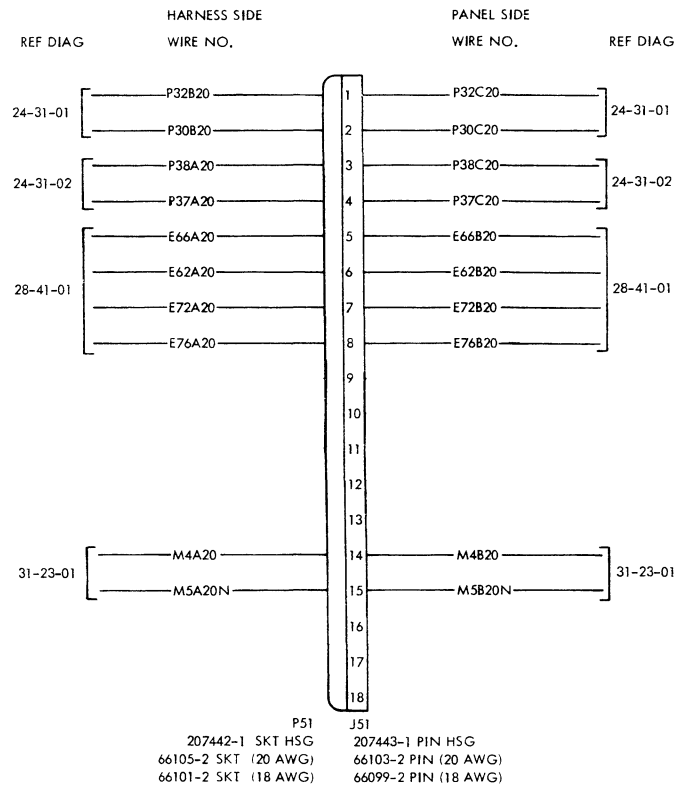
B E E C H C R A F T
BARON 58P
W I R I N G D I A G R A M M A N U A L

GAMA/ATA CODE & REF DES	PART NO.	DESCRIPTION	UNITS		USABLE	
			PER ASSY	INSTL ZONE	ON CODE	
		1 2 3 4 5 6 7				
23-01-J51	207443-1	RECEPTACLE HOUSING,INSTRUMENT PANEL DISCONNECT.	1	231		
-J51	66103-2	PIN CONTACT	AR	231		
-J51	66099-2	PIN CONTACT	AR	231		
-P51	207442-1	PLUG HOUSING,INSTRUMENT PANEL DISCONNECT. . . .	1	231		
-P51	66105-2	SOCKET CONTACT.	AR	231		
-P51	66101-2	SOCKET CONTACT.	AR	231		

B E E C H C R A F T
BARON 58P
W I R I N G D I A G R A M M A N U A L



VIEW FROM BACK OF CONNECTOR



USE OF FOLLOWING TOOLS REQUIRED:

INSERTION TOOL: 91002-1 (18 & 20 AWG).
 EXTRACTION TOOL: 305183 (18 & 20 AWG).
 CRIMPING TOOL: 90277-1 (18 & 20 AWG).

INSTRUMENT PANEL DISCONNECT P51/J51

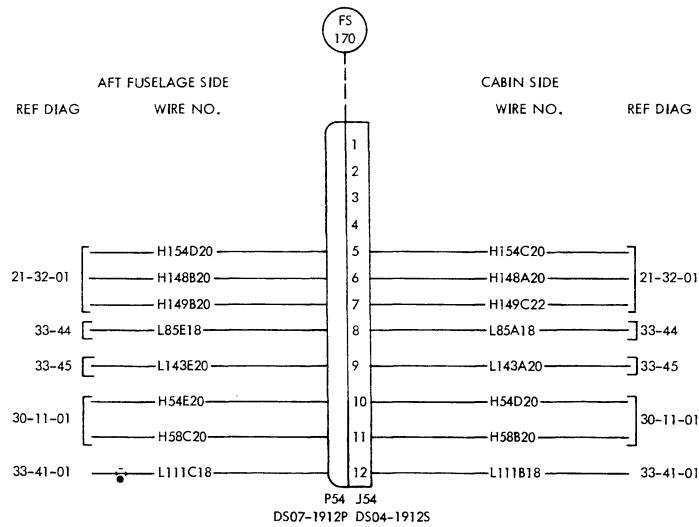
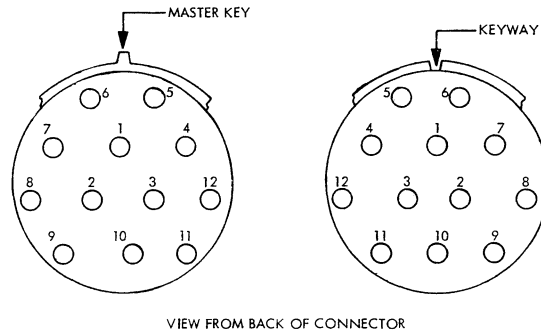
B E E C H C R A F T
BARON 58P
W I R I N G D I A G R A M M A N U A L

91-24-01
CONNECTOR-AFT FUSELAGE ACCESS P54/J54

B E E C H C R A F T
BARON 58P
W I R I N G D I A G R A M M A N U A L

GAMA/ATA CODE & REF DES	PART NO.	1 2 3 4 5 6 7	DESCRIPTION	UNITS		USABLE	
				PER ASSY	INSTL ZONE	ON CODE	
24-01-J54	DS04-1912S		RECEPTACLE,AFT FUSELAGE ACCESS.	1	160		
-P54	DS07-1912P		PLUG,AFT FUSELAGE ACCESS.	1	160		

B E E C H C R A F T
BARON 58P
W I R I N G D I A G R A M M A N U A L



CONNECTOR-AFT FUSELAGE ACCESS P54/J54

