

NOTES:

- 1) THE CONTENTS OF THIS DRAWING ARE FOR REFERENCE ONLY. IF THERE IS A CONFLICT BETWEEN THE CONTENTS OF THIS DRAWING AND A CABLE ASSY FOR A PARTICULAR AIRCRAFT, THE CONTENTS OF THE CABLE ASSY SHALL TAKE PRIORITY.
- 2) ALL OTHER NOTES PERTAINING TO A PARTICULAR SHEET SHALL BE FOUND ON THAT SHEET.
- 3) THIS DRAWING IS FILED IN PROCADAM.

A₃

REVISIONS			
SHEET	REV	DESCRIPTION	DATE APPROVED
ALL	A	REDRAWN WITH CHANGES:	04/15/98 SEA
		1) COMPLETELY REDRAWN WITH CHANGES	
		2) ADDED NEW PAGE 14, THEREFORE, PAGE 15 BECAME 16 PAGE 14 BECAME 15	
1		3) ADDED NOTE 3: WAS FILED IN CADAM, NOW FILED IN PROCADAM	
			EFF: 34158

SHEET SUBJECT

- | | |
|----|--|
| 1 | INDEX SHEET |
| 2 | 560 EXCEL PRIMUS 1000 DISPLAY/GUIDANCE SYSTEM BLOCK DIAGRAM |
| 3 | J-BOX/LOGIC BOX COVERS |
| 4 | B CARD NOSE J-BOX-JUMPER BOARD |
| 5 | B CARD NOSE J-BOX-JUMPER BOARD |
| 6 | D CARD NOSE J-BOX-SWITCHING/JUMPER BOARD |
| 7 | D CARD NOSE J-BOX-SWITCHING/JUMPER BOARD |
| 8 | E CARD NOSE J-BOX-LIGHTING/DIM/TEST PCB |
| 9 | F CARD NOSE J-BOX-SWITCHING/JUMPER BOARD |
| 10 | F CARD SCHEMATIC SHEET 1 |
| 11 | F CARD SCHEMATIC SHEET 2 |
| 12 | FAN FAIL/SENSE LOGIC BOARD (LOCATED IN CABIN AVIONICS LOGIC BOX) |
| 13 | EFIS INTERFACE BOARD (LOCATED IN CABIN AVIONICS LOGIC BOX) |
| 14 | STDBY CTRL HEAD LTG BOARD (LOCATED IN CABIN AVIONICS LOGIC BOX) |
| 15 | FMS INTERFACE BOARD (LOCATED IN CABIN AVIONICS LOGIC BOX) |
| 16 | OPTIONAL HF/FLITEFONE VI INTERFACE BOARD (LOCATED IN HF/FLITEFONE INTERFACE BOX) |

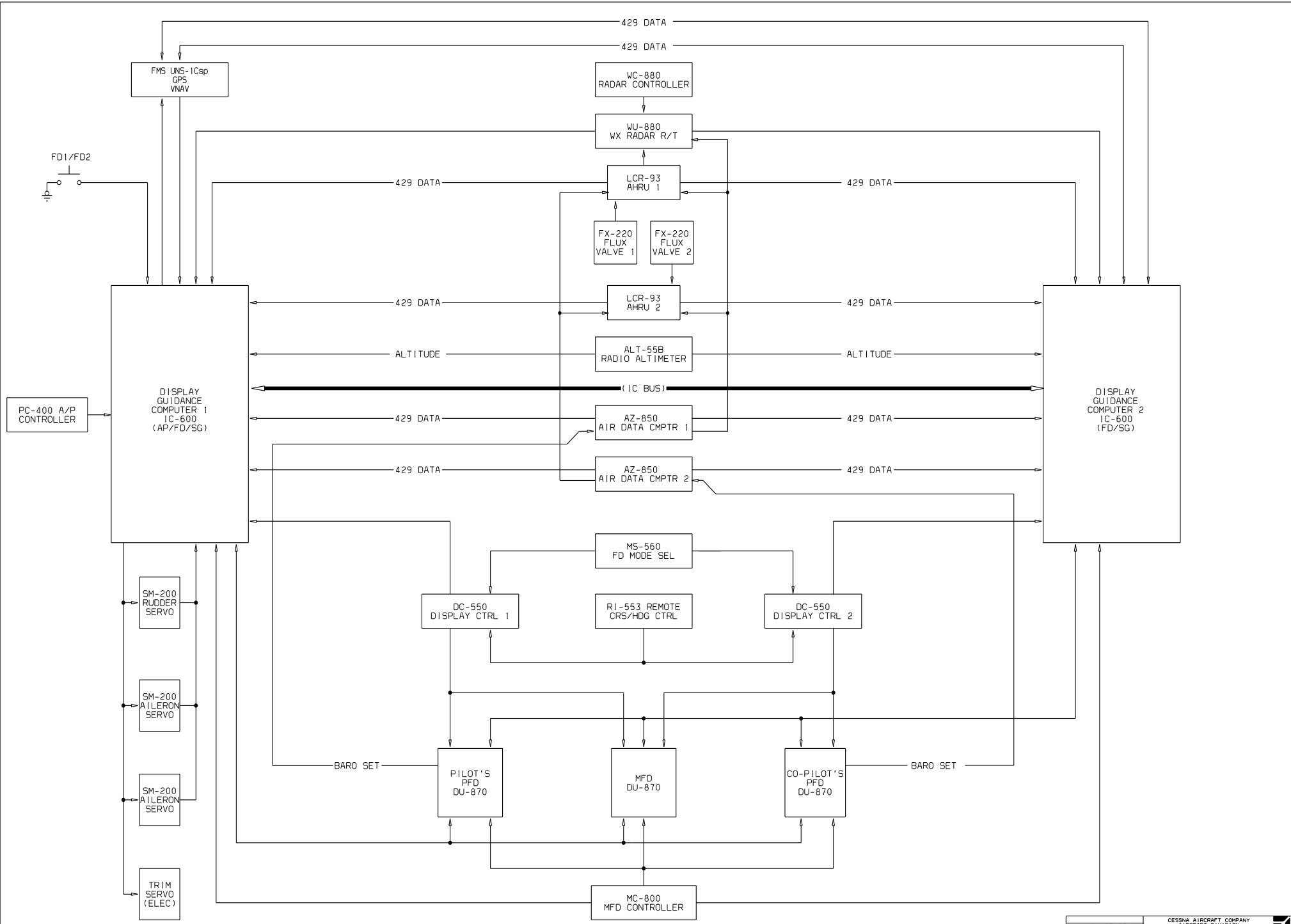
INDEX SHEET

FOR REFERENCE ONLY

DATE	01/27/97	CESSNA AIRCRAFT COMPANY	AIRCRAFT DIVISION P.O. BOX 7704 WICHITA, KANSAS 67277
DRAWN	STEVEN AKER		
GROUP			
CHECK			
SECT			
PROJ			
M. E.			
OTHER			
FABRICATE PER	CES260A	SIZE	FSO# NO. DWG NO.
PROCESS PER	XXXXXXXXXXXXXX	F 71379	*****
WIRE TERMINATION PER	CES271E	SCALE	NONE
			SHEET 1 OF 16

A
B
C
D
E
F
G
H
I
J
K
L
M
N
O
P
Q
R
S
T
U
V
W
X
Y
Z

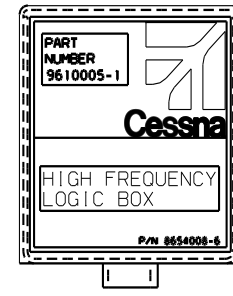
EC34158



560-XL PRIMUS 1000 DISPLAY/GUIDANCE SYSTEM BLOCK DIAGRAM

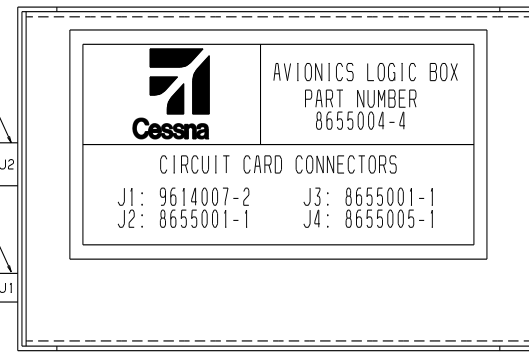
DATE	01/27/97	CESNA AIRCRAFT COMPANY	
GROUP		AIRCRAFT DIVISION	
DESIGN		P.O. BOX 7704	
CHECK		WICHITA, KANSAS 67277	
SECT.			
PROJ.			
M.E.			
OTHER			
FABRICATE PER CES2600	F 71379	FIG. NO.	
PROCESS PER CES2200		SCALE NONE	
WIRE TERMINATION PER CES2716		SHEET 2 OF 16	

EC34156



HIGH FREQUENCY LOGIC BOX ASSY P/N 9610005-1
CONTAINS 9601160-1 HF/FLITEPHONE LOGIC BOARD PF506

HIGH FREQUENCY LOGIC BOX (OPTIONAL INSTALLATION)



8655001-1 PC BOARD ASSY
PF427

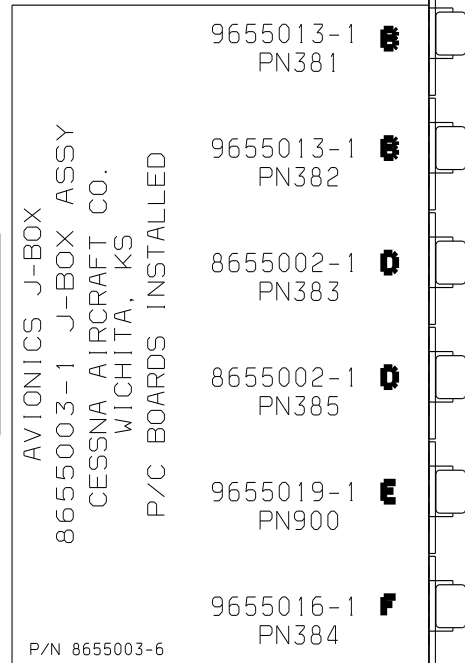
9614007-2 PC BOARD ASSY
PF301

8655001-1 PC BOARD ASSY
PF701

8655005-1 PC BOARD ASSY
PF505

CABIN AVIONICS LOGIC BOX ASSY P/N 8655004-4
CONTAINS J1:9614007-2 FAN SENSE LOGIC BOARD
J2:8655001-1 EFIS INTERFACE BOARD
J3:8655001-1 FMS INTERFACE BOARD
J4:8655005-1 STDBY CTRL HEAD LTG BOARD

CABIN AVIONICS LOGIC BOX



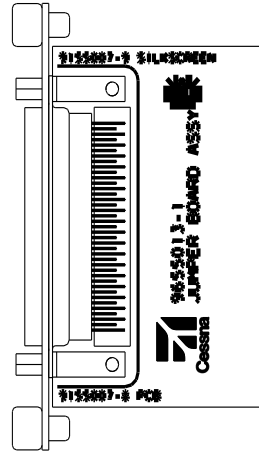
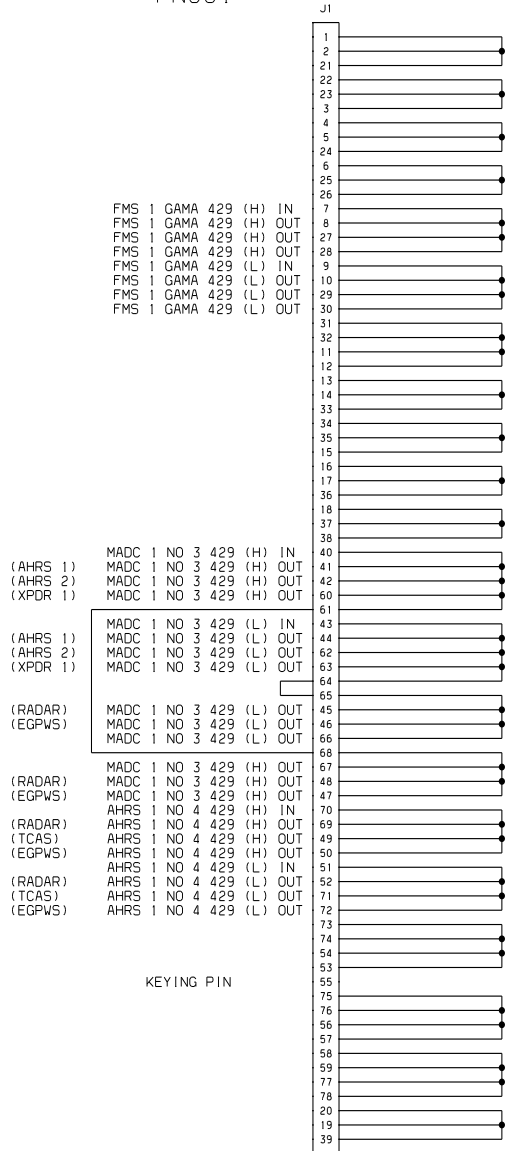
AVIONICS J-BOX
8655003-1 J-BOX ASSY
CESSNA AIRCRAFT CO.
WICHITA, KS
P/C BOARDS INSTALLED
P/N 8655003-6

- 9655013-1 PN381 **A**
- 9655013-1 PN382 **B**
- 8655002-1 PN383 **C**
- 8655002-1 PN385 **D**
- 9655019-1 PN900 **E**
- 9655016-1 PN384 **F**

NOSE AVIONICS J-BOX

DATE	01/27/97	CESSNA AIRCRAFT COMPANY AIRCRAFT DIVISION P.O. BOX 7704 WICHITA, KANSAS 67277		
DRN	STEVEN AKER			
GROUP		AVIONICS SYSTEM REFERENCE INFORMATION		
CHECK				
SECT				
PRD J				
M. E.				
OTHER		SIZE	FSOJ NO.	DWG NO.
FABRICATE PER_CES2604		F71379		
PROCESS PER_XXXXXXX		*****		
WIRE TERMINATION PER_CES2716		SCALE	SCL	SHEET 3 OF 16

PN381

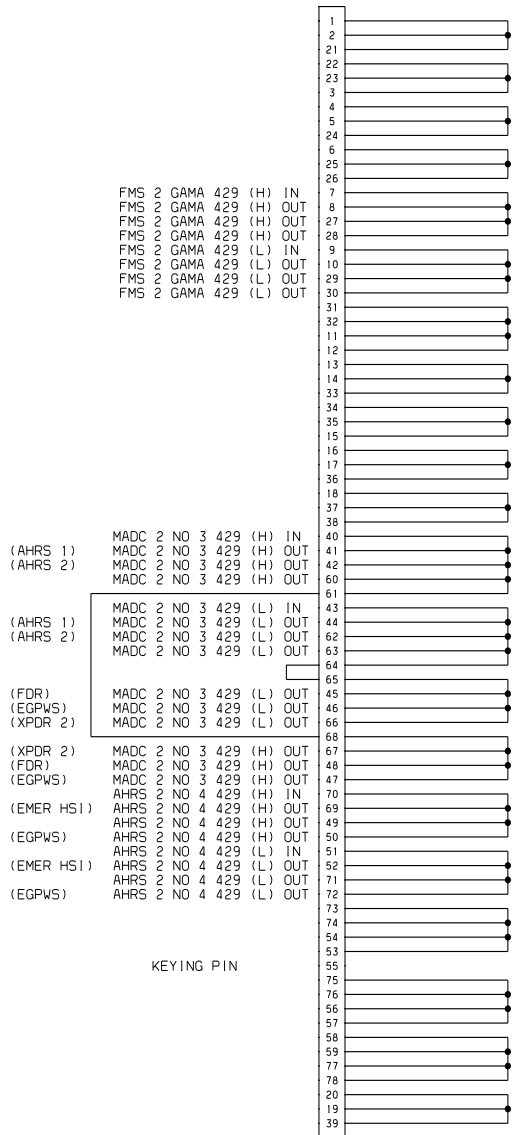


NOSE J-BOX
B CARD SCHEMATIC
JUMPER BOARD ASSY

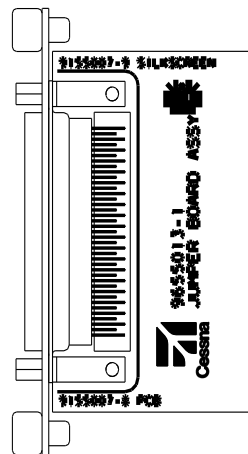
DATE	01/27/97	CESSNA AIRCRAFT COMPANY	
DRAWN	STEVEN AKER	AIRCRAFT DIVISION	
GROUP		P.O. BOX 7704	
CHECK		WICHITA, KANSAS 67277	
DECT			
PROJ			
M.E.			
OTHER			
FABRICATE PER_CES2606		SIZE/FSM NO.	DWG NO.
PROCESS PER_CES2606		F 71379	*****
WIRE TERMINATION PER_CES2716		SCALE: SCL	SHEET 4 OF 16

PN382

J1



KEYING PIN

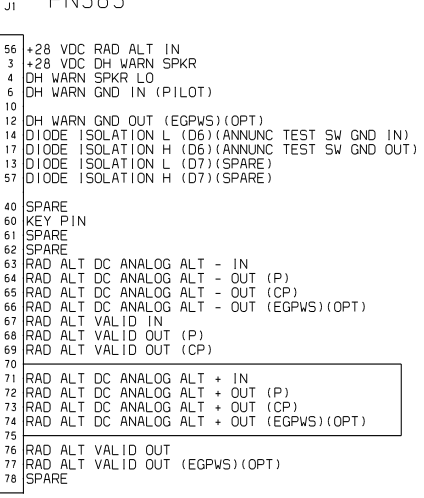
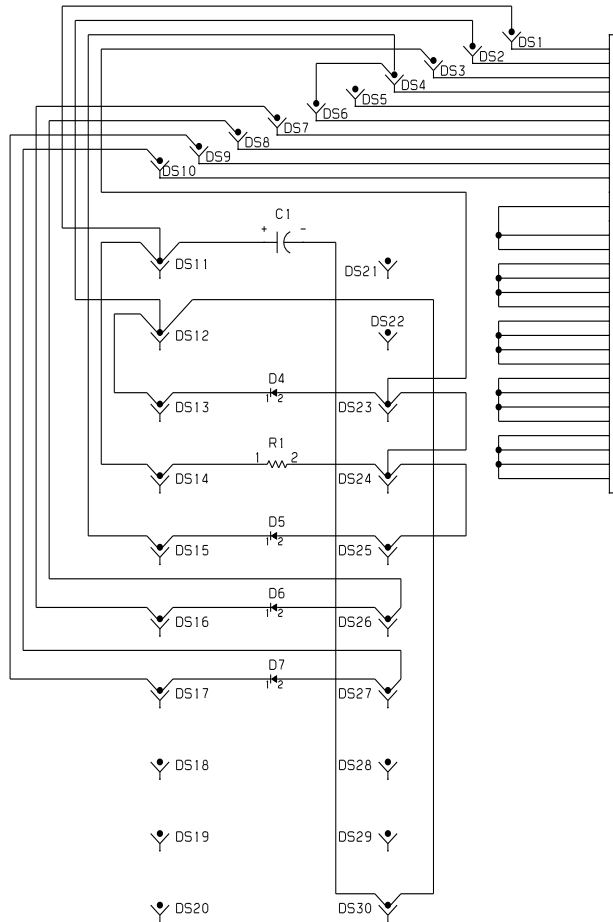
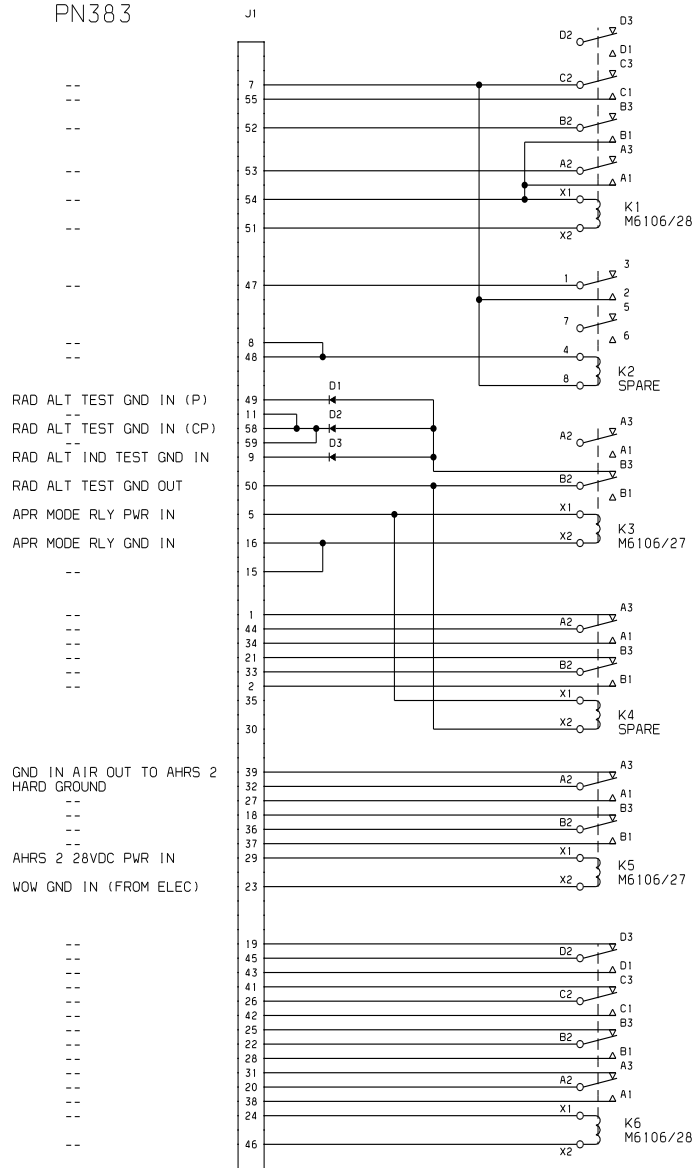


NOSE J-BOX
B CARD SCHEMATIC
JUMPER BOARD ASSY

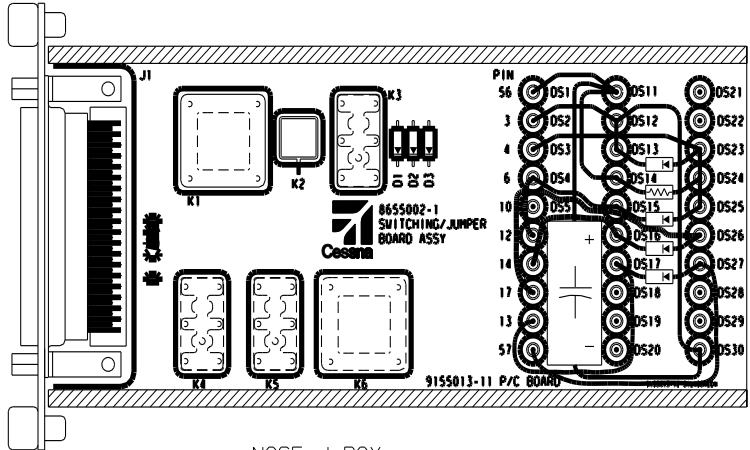
DATE	01/27/97	CESSNA AIRCRAFT COMPANY AIRCRAFT DIVISION P.O. BOX 7704 WICHITA, KANSAS 67277
DRAWN	STEVEN AKER	
GROUP		AVIONICS SYSTEM REFERENCE INFORMATION
CHECK		
DECT		
PROJ		
M. E.		
OTHER		SIZE: FSCM NO. DWG NO.
FABRICATE PER_CES2606		F 71379 *****
PROCESS PER_X333333333333		SCALE: SCL SHEET 5 OF 16
WIRE TERMINATION PER_CES2716		

PN383

PN383



REF DES	PART NUMBER	DESCRIPTION
C1	TVA1312	CAPACITOR
D1	1N4006	DIODE
D2	1N4006	DIODE
D3	1N4006	DIODE
D4	1N4006	DIODE
D5	1N4006	DIODE
D6	1N4006	DIODE
D7	1N4006	DIODE
DS1	1559-2	TURRET POST
DS2	1559-2	TURRET POST
DS3	1559-2	TURRET POST
DS4	1559-2	TURRET POST
DS5	1559-2	TURRET POST
DS6	1559-2	TURRET POST
DS7	1559-2	TURRET POST
DS8	1559-2	TURRET POST
DS9	1559-2	TURRET POST
DS10	1559-2	TURRET POST
DS11	1559-2	TURRET POST
DS12	1559-2	TURRET POST
DS13	1559-2	TURRET POST
DS14	1559-2	TURRET POST
DS15	1559-2	TURRET POST
DS16	1559-2	TURRET POST
DS17	1559-2	TURRET POST
DS18	1559-2	TURRET POST
DS19	1559-2	TURRET POST
DS20	1559-2	TURRET POST
DS21	1559-2	TURRET POST
DS22	1559-2	TURRET POST
DS23	1559-2	TURRET POST
DS24	1559-2	TURRET POST
DS25	1559-2	TURRET POST
DS26	1559-2	TURRET POST
DS27	1559-2	TURRET POST
DS28	1559-2	TURRET POST
DS29	1559-2	TURRET POST
DS30	1559-2	TURRET POST
J1	S2968-60	CONNECTOR
	DD78M4R7NT2C1235.4	REF P/N FOR J1 CONNECTOR
K1	M6106/28-003	RELAY
K2	NOT INSTALLED	RELAY
K3	M6106/27-003	RELAY
K4	NOT INSTALLED	RELAY
K5	M6106/27-003	RELAY
K6	M6106/28-003	RELAY
R1	CM3908-472G	RESISTOR



NOSE J-BOX
D CARD SWITCHING/JUMPER PCB ASSY

DATE	01/27/97
DRN	STEVEN AKER
GROUP	
CHECK	
SECT	
PRD.J	
M.E.	
OTHER	

CESSNA AIRCRAFT COMPANY AIRCRAFT DIVISION P.O. BOX 7704 WICHITA, KANSAS 67277	
AVIONICS SYSTEM REFERENCE INFORMATION	
FABRICATE PER CES2606 PROCESS PER XXXXXXXXXXXXX WIRE TERMINATION PER CES2116	SIZE (FSO) NO. DWG NO. F71379 *****
SCALE: SCL	SHEET 6 OF 16

EC34158

PN385

PN385

7
55
52
53
54
51
47
8
48
49
58
59
9
50
16
15
1
44
34
21
33
2
35
30
39
32
27
18
36
37
29
23
19
45
43
41
42
25
22
28
31
20
38
24
46

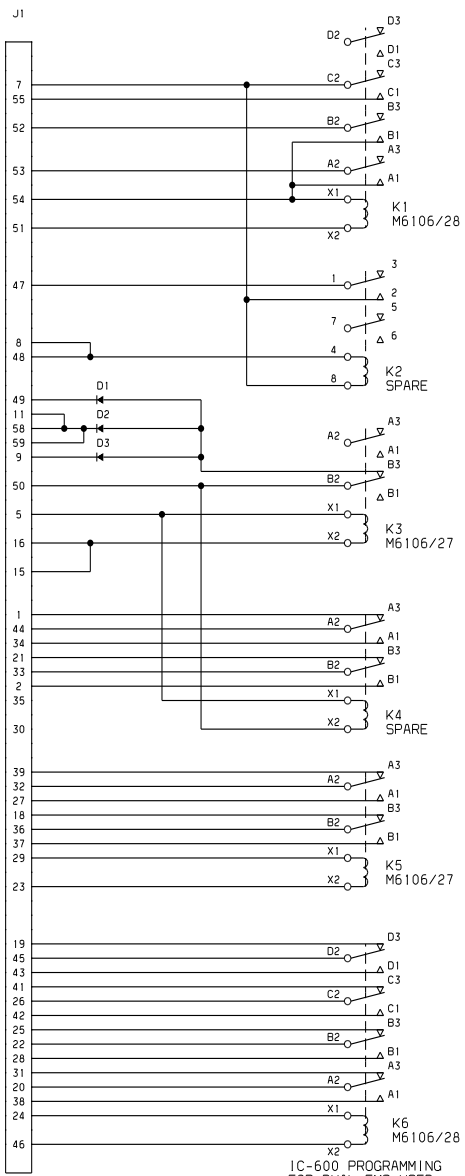
STICK SHAKER PWR OUT
STICK SHAKER PWR IN
STICK SHAKER RELAY GND

GND IN AIR OUT TO AHRS 1
HARD GROUND

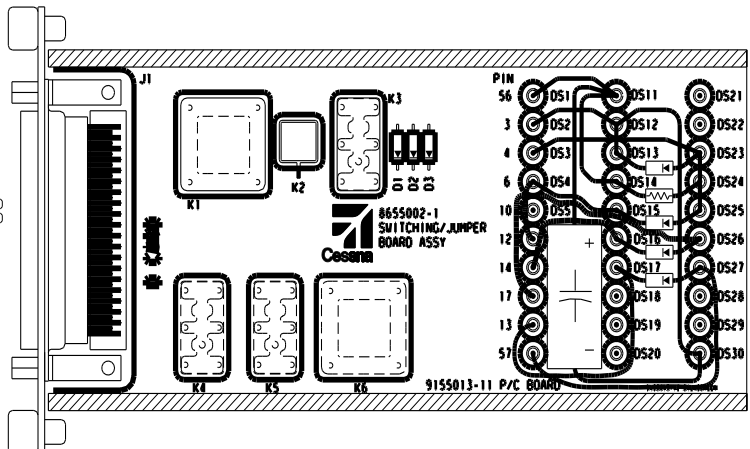
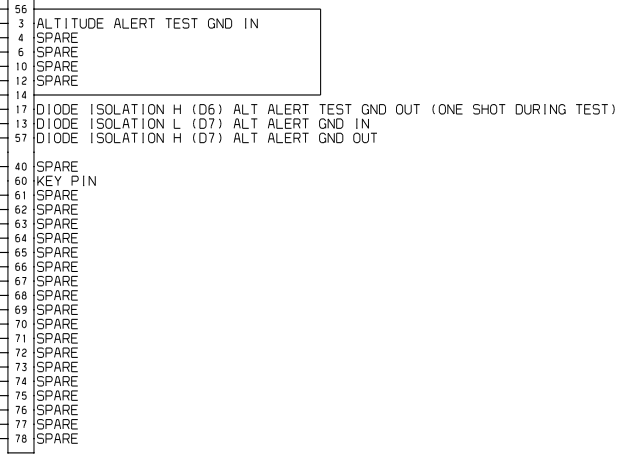
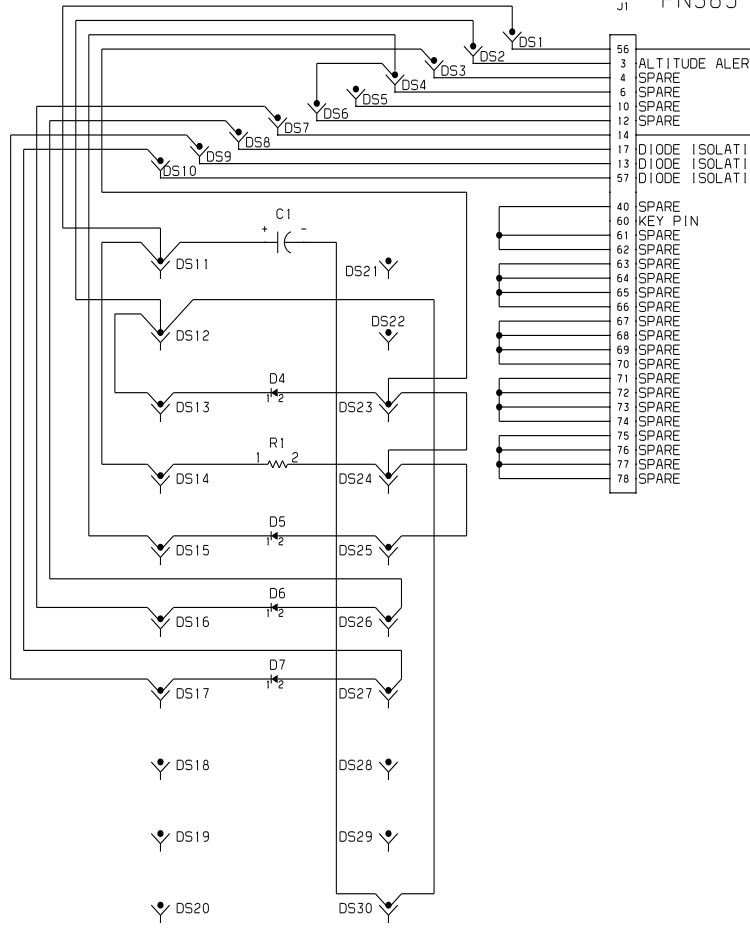
AHRS 1 28VDC PWR IN
WOW GND IN (FROM ELEC)

HARD GROUND
DUAL FMS SEL PROG GND OUT TO IC1

HARD GROUND
DUAL FMS SEL PROG GND OUT TO IC2
FMS1 429 LRN DATA L IN
FMS1 OR FMS2 429 LRN DATA L TO IC2
FMS2 429 LRN DATA L IN
FMS1 429 LRN DATA H IN
FMS1 OR FMS2 429 LRN DATA H TO IC2
FMS2 429 LRN DATA H IN
DUAL FMS SELECT PWR IN (FMS2)
DUAL FMS SELECT RLY HARD GND IN



IC-600 PROGRAMMING FOR DUAL FMS USED WITH OPTIONAL FMS2
CONNECTS FMS2 DATA TO IC2 WHEN FMS2 INSTL'D FOR SINGLE FMS INSTL CONNECTS FMS1 TO IC2



REF DES	PART NUMBER	DESCRIPTION
C1	TVA1312	CAPACITOR
D1	1N4006	DIODE
D2	1N4006	DIODE
D3	1N4006	DIODE
D4	1N4006	DIODE
D5	1N4006	DIODE
D6	1N4006	DIODE
D7	1N4006	DIODE
DS1	1559-2	TURRET POST
DS2	1559-2	TURRET POST
DS3	1559-2	TURRET POST
DS4	1559-2	TURRET POST
DS5	1559-2	TURRET POST
DS6	1559-2	TURRET POST
DS7	1559-2	TURRET POST
DS8	1559-2	TURRET POST
DS9	1559-2	TURRET POST
DS10	1559-2	TURRET POST
DS11	1559-2	TURRET POST
DS12	1559-2	TURRET POST
DS13	1559-2	TURRET POST
DS14	1559-2	TURRET POST
DS15	1559-2	TURRET POST
DS16	1559-2	TURRET POST
DS17	1559-2	TURRET POST
DS18	1559-2	TURRET POST
DS19	1559-2	TURRET POST
DS20	1559-2	TURRET POST
DS21	1559-2	TURRET POST
DS22	1559-2	TURRET POST
DS23	1559-2	TURRET POST
DS24	1559-2	TURRET POST
DS25	1559-2	TURRET POST
DS26	1559-2	TURRET POST
DS27	1559-2	TURRET POST
DS28	1559-2	TURRET POST
DS29	1559-2	TURRET POST
DS30	1559-2	TURRET POST
J1	S2968-60 DD78M4R7NT2C1235.4	CONNECTOR REF P/N FOR J1 CONNECTOR
K1	M6106/28-003	RELAY
K2	NOT INSTALLED	RELAY
K3	M6106/27-003	RELAY
K4	NOT INSTALLED	RELAY
K5	M6106/27-003	RELAY
K6	M6106/28-003	RELAY
R1	CM3908-472G	RESISTOR

DATE 01/27/97
DRAWN STEVEN AKER
GROUP
CHECK
SECT
PRD J
M. E.
OTHER

CESSNA AIRCRAFT COMPANY
AIRCRAFT DIVISION
P.O. BOX 7704
WICHITA, KANSAS 67277

AVIONICS SYSTEM
REFERENCE
INFORMATION

FABRICATE PER CES2606
PROCESS PER XXXXXXXXXX
WIRE TERMINATION PER CES2718

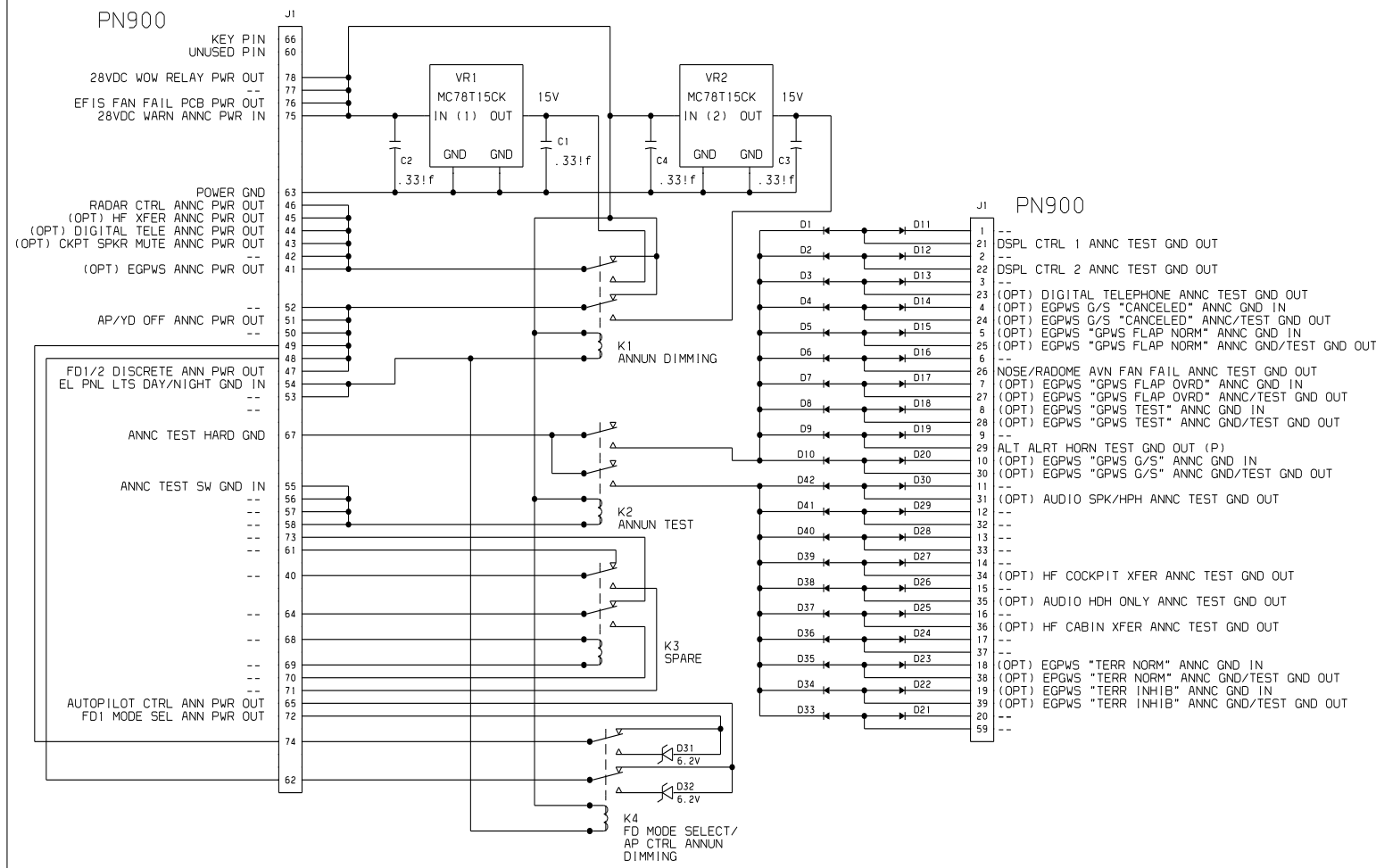
SIZE F50N NO. DWG NO.
F71379

SCALE: SCL SHEET 7 OF 16

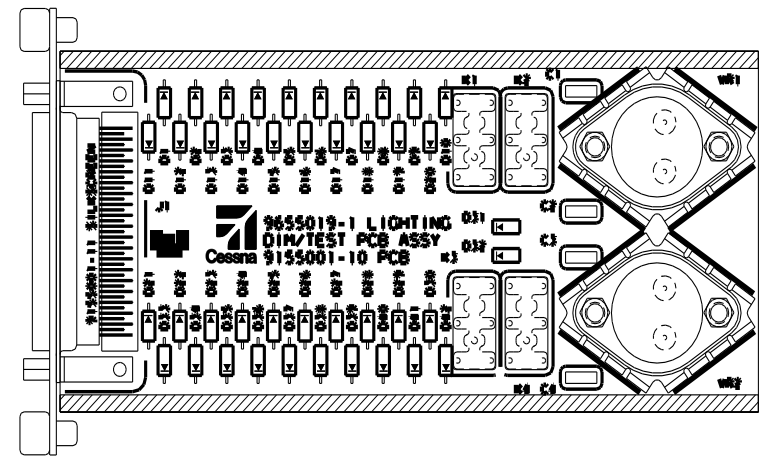
NOSE J-BOX
D CARD SWITCHING/JUMPER PCB ASSY

EC34158

PN900



REF DES	PART NUMBER	DESCRIPTION	NOTE
C1	CK06BX334K	CAPACITOR .331f	
C2	CK06BX334K	CAPACITOR .331f	
C3	CK06BX334K	CAPACITOR .331f	
C4	CK06BX334K	CAPACITOR .331f	
D1	1N4006	DIODE	
D2	1N4006	DIODE	
D3	1N4006	DIODE	
D4	1N4006	DIODE	
D5	1N4006	DIODE	
D6	1N4006	DIODE	
D7	1N4006	DIODE	
D8	1N4006	DIODE	
D9	1N4006	DIODE	
D10	1N4006	DIODE	
D11	1N4006	DIODE	
D12	1N4006	DIODE	
D13	1N4006	DIODE	
D14	1N4006	DIODE	
D15	1N4006	DIODE	
D16	1N4006	DIODE	
D17	1N4006	DIODE	
D18	1N4006	DIODE	
D19	1N4006	DIODE	
D20	1N4006	DIODE	
D21	1N4006	DIODE	
D22	1N4006	DIODE	
D23	1N4006	DIODE	
D24	1N4006	DIODE	
D25	1N4006	DIODE	
D26	1N4006	DIODE	
D27	1N4006	DIODE	
D28	1N4006	DIODE	
D29	1N4006	DIODE	
D30	1N4006	DIODE	
D31	1N5341B	DIODE 6.2V ZENNER 5W	
D32	1N5341B	DIODE 6.2V ZENNER 5W	
D33	1N4006	DIODE	
D34	1N4006	DIODE	
D35	1N4006	DIODE	
D36	1N4006	DIODE	
D37	1N4006	DIODE	
D38	1N4006	DIODE	
D39	1N4006	DIODE	
D40	1N4006	DIODE	
D41	1N4006	DIODE	
D42	1N4006	DIODE	
J1	S2968-66	CONNECTOR	
	DD78M4R7NT2C1235.5	REF CONNECTOR FOR J1	
K1	M6106/27-003	RELAY	
K2	M6106/27-003	RELAY	
K3	M6106/27-003	RELAY	
K4	M6106/27-003	RELAY	
VR1	MC78T15CK	VOLT REG.	
VR2	MC78T15CK	VOLT REG.	



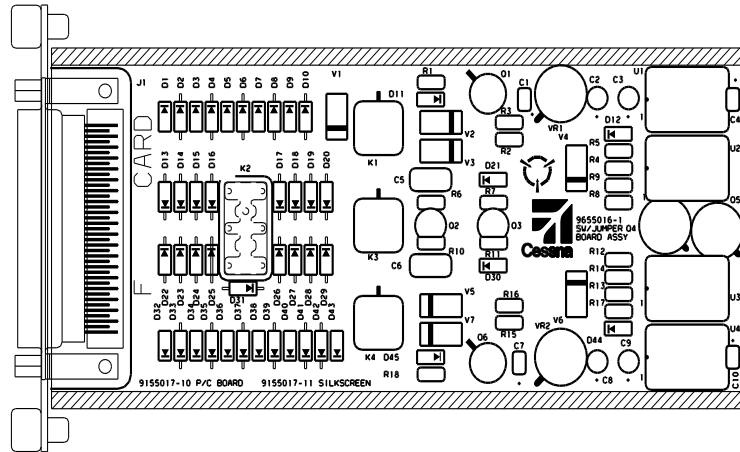
NOSE J-BOX
E CARD
LIGHTING DIM/TEST

DATE	01/27/97	CESSNA AIRCRAFT COMPANY AIRCRAFT DIVISION P.O. BOX 7704 WICHITA, KANSAS 67277		
DRAWN	STEVEN AKER			
GROUP		AVIONICS SYSTEM REFERENCE INFORMATION		
CHECK				
SECT				
PRD.J				
M.E.				
OTHER		SIZE	FSO.N.	DWG NO.
FABRICATE PER CES2606		F71379		
PROCESS PER XXXXXXXXXXXXX		*****		
WIRE TERMINATION PER CES2718		SCALE	SCL	SHEET 6 OF 16

REF DES	PART NUMBER	DESCRIPTION	NOTE
C1	NOT INSTALLED	CAPACITOR, .1 1F	
C2	NOT INSTALLED	CAPACITOR, .331F 50V	
C3	NOT INSTALLED	CAPACITOR, .331F 50V	
C4	NOT INSTALLED	CAPACITOR, .1 1F	
C5	NOT INSTALLED	CAPACITOR, 1.01F	
C6	NOT INSTALLED	CAPACITOR, 1.01F	
C7	NOT INSTALLED	CAPACITOR, .1 1F	
C8	NOT INSTALLED	CAPACITOR, .331F 50V	
C9	NOT INSTALLED	CAPACITOR, .331F 50V	
C10	NOT INSTALLED	CAPACITOR, .1 1F	
D1	NOT INSTALLED	DIODE	
D2	1N4006	DIODE	
D3	NOT INSTALLED	DIODE	
D4	1N4006	DIODE	
D5	NOT INSTALLED	DIODE	
D6	1N4006	DIODE	
D7	NOT INSTALLED	DIODE	
D8	1N4006	DIODE	
D9	NOT INSTALLED	DIODE	
D10	1N4006	DIODE	
D11	NOT INSTALLED	DIODE	
D12	NOT INSTALLED	DIODE	
D13	1N4006	DIODE	
D14	1N4006	DIODE	
D15	1N4006	DIODE	
D16	1N4006	DIODE	

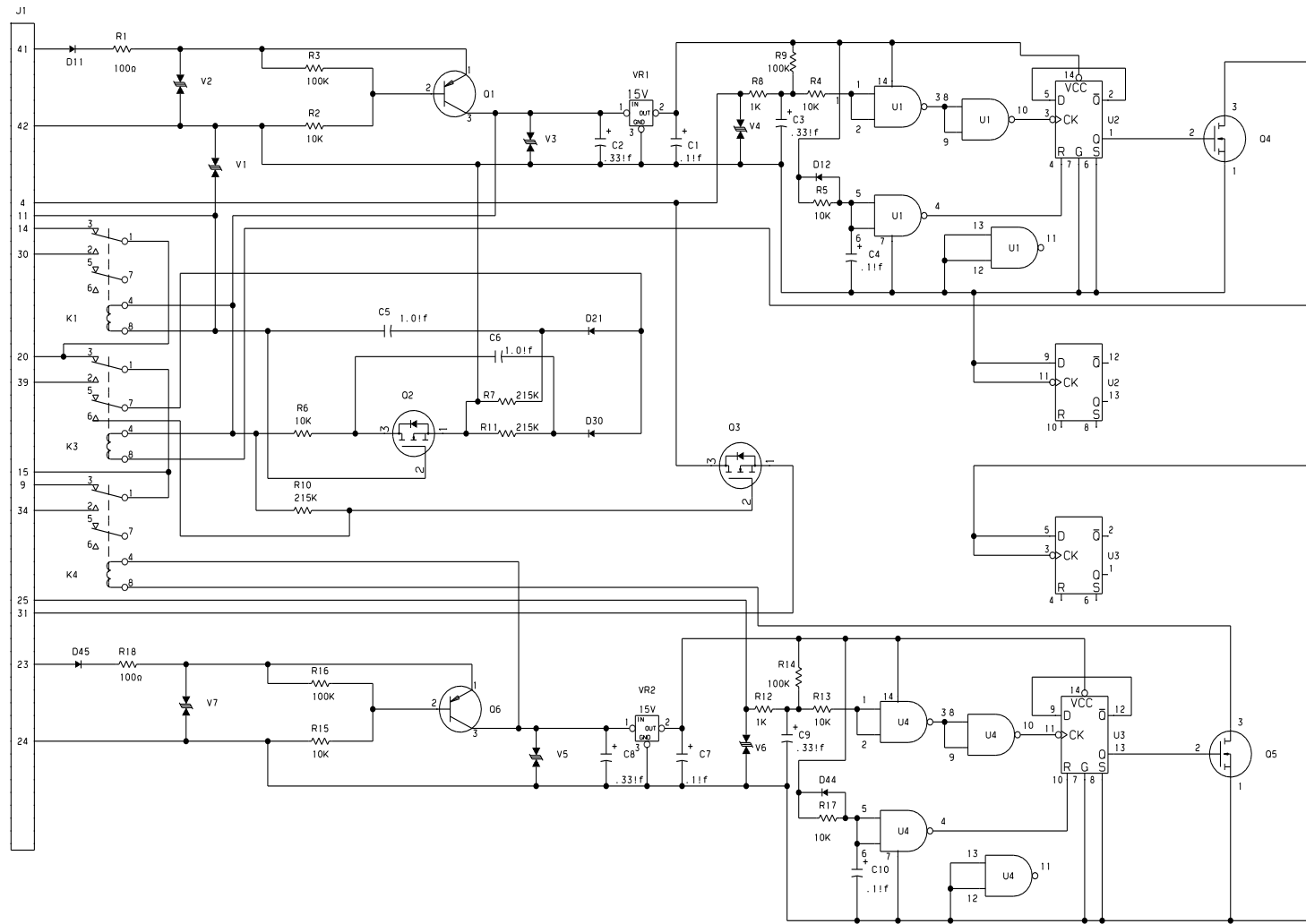
REF DES	PART NUMBER	DESCRIPTION	NOTE
D17	1N4006	DIODE	
D18	1N4006	DIODE	
D19	1N4006	DIODE	
D20	1N4006	DIODE	
D21	NOT INSTALLED	DIODE	
D22	1N4006	DIODE	
D23	1N4006	DIODE	
D24	1N4006	DIODE	
D25	NOT INSTALLED	DIODE	
D26	1N4006	DIODE	
D27	1N4006	DIODE	
D28	1N4006	DIODE	
D29	1N4006	DIODE	
D30	NOT INSTALLED	DIODE	
D31	1N4006	DIODE	
D32	NOT INSTALLED	DIODE	
D33	1N4006	DIODE	
D34	NOT INSTALLED	DIODE	
D35	1N4006	DIODE	
D36	NOT INSTALLED	DIODE	
D37	1N4006	DIODE	
D38	NOT INSTALLED	DIODE	
D39	1N4006	DIODE	
D40	NOT INSTALLED	DIODE	
D41	1N4006	DIODE	

REF DES	PART NUMBER	DESCRIPTION	NOTE
D42	1N4006	DIODE	
D43	NOT INSTALLED	DIODE	
D44	NOT INSTALLED	DIODE	
D45	NOT INSTALLED	DIODE	
J1	S2968-50 DD78M4R7NT2C1235	CONNECTOR REF CONNECTOR FOR J1	
K1	NOT INSTALLED	RELAY	
K2	M6106/27-003	RELAY	
K3	NOT INSTALLED	RELAY	
K4	NOT INSTALLED	RELAY	
O1	NOT INSTALLED	TRANSISTOR, PNP	
O2	NOT INSTALLED	TRANSISTOR, PNP	
O3	NOT INSTALLED	TRANSISTOR, PNP	
O4	NOT INSTALLED	TRANSISTOR, PNP	
O5	NOT INSTALLED	TRANSISTOR, PNP	
O6	NOT INSTALLED	TRANSISTOR, PNP	
R1	NOT INSTALLED	RESISTOR, 1/4W 100 Ω	
R2	NOT INSTALLED	RESISTOR, 1/4W 10 KΩ	
R3	NOT INSTALLED	RESISTOR, 1/4W 100 KΩ	
R4	NOT INSTALLED	RESISTOR, 1/4W 10 KΩ	
R5	NOT INSTALLED	RESISTOR, 1/4W 10 KΩ	
R6	NOT INSTALLED	RESISTOR, 1/4W 10 KΩ	
R7	NOT INSTALLED	RESISTOR, 1/4W 215 KΩ	
R8	NOT INSTALLED	RESISTOR, 1/4W 1 KΩ	
R9	NOT INSTALLED	RESISTOR, 1/4W 100 KΩ	
R10	NOT INSTALLED	RESISTOR, 1/4W 215 KΩ	
R11	NOT INSTALLED	RESISTOR, 1/4W 215 KΩ	
R12	NOT INSTALLED	RESISTOR, 1/4W 1 KΩ	
R13	NOT INSTALLED	RESISTOR, 1/4W 10 KΩ	
R14	NOT INSTALLED	RESISTOR, 1/4W 100 KΩ	
R15	NOT INSTALLED	RESISTOR, 1/4W 10 KΩ	
R16	NOT INSTALLED	RESISTOR, 1/4W 100 KΩ	
R17	NOT INSTALLED	RESISTOR, 1/4W 10 KΩ	
R18	NOT INSTALLED	RESISTOR, 1/4W 100 Ω	
U1	NOT INSTALLED	QUAD 2 INPUT SCHMITT TRIG.	
U2	NOT INSTALLED	DUAL D FLIP/FLOP	
U3	NOT INSTALLED	DUAL D FLIP/FLOP	
U4	NOT INSTALLED	QUAD 2 INPUT SCHMITT TRIG.	
V1	NOT INSTALLED	TRANSORB	
V2	NOT INSTALLED	TRANSORB	
V3	NOT INSTALLED	TRANSORB	
V4	NOT INSTALLED	TRANSORB	
V5	NOT INSTALLED	TRANSORB	
V6	NOT INSTALLED	TRANSORB	
V7	NOT INSTALLED	TRANSORB	
VR1	NOT INSTALLED	VOLTAGE REGULATOR, 15V	
VR2	NOT INSTALLED	VOLTAGE REGULATOR, 15V	



DATE	01/27/97	CESSNA AIRCRAFT COMPANY AIRCRAFT DIVISION P.O. BOX 7704 WICHITA, KANSAS 67277 CEAS001	
DRAWN	STEVEN AKER		
GROUP			
CHECK			
SECT			
PROJ			
M.E.			
OTHER	SEE S10. SHEET	AVIONICS SYSTEM REFERENCE INFORMATION	
FABRICATE PER	CESS260	SIZE / FSOM NO.	ENG NO.
PROCESS PER	XXXXXXXXXXXXXX	F 71379	*****
WIRE TERMINATION PER	CESS2716	SCALE: SCL	SHEET 9 OF 16

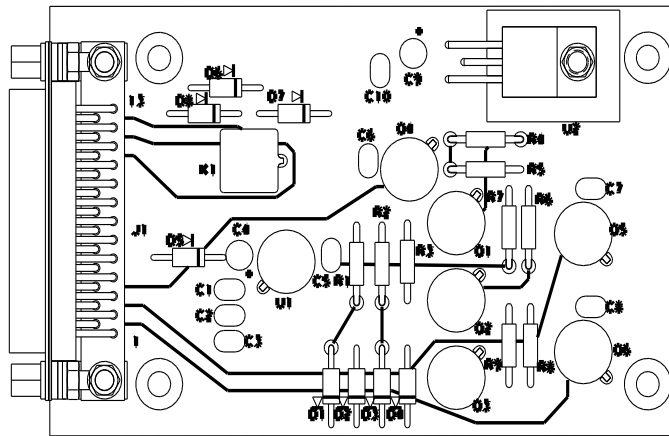
PN384



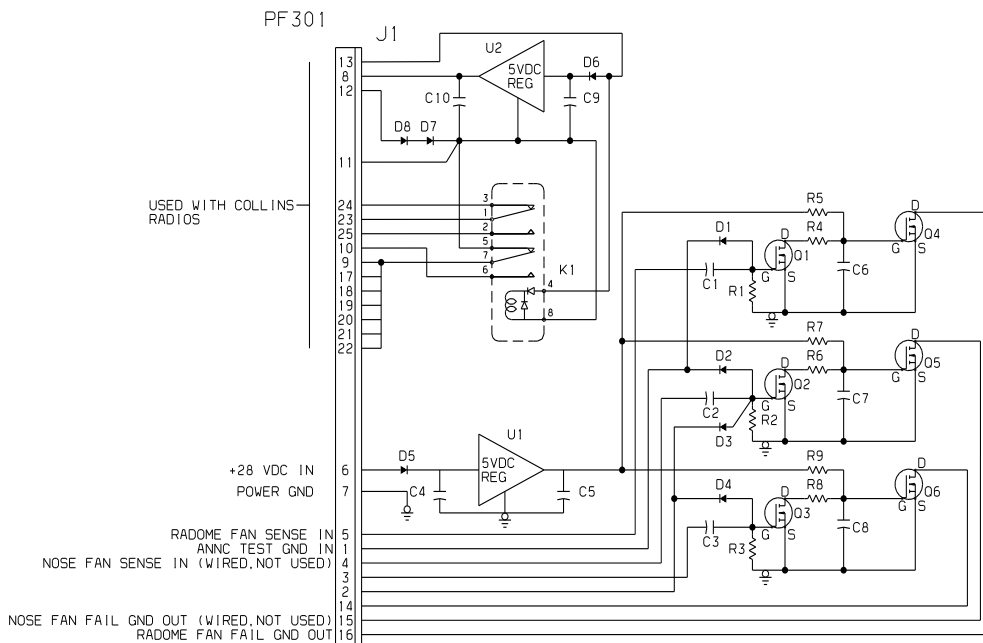
CIRCUIT IS NOT USED &
COMPONENTS ARE NOT INSTALLED
SHEET 2

DATE	01/27/97	CESSNA AIRCRAFT COMPANY
DRAWN	STEVEN AKER	AIRCRAFT DIVISION
GROUP		P. O. BOX 7704
CHECK		WICHITA, KANSAS 67277
DECT		
PROJ		AVIONICS SYSTEM
M. E.		REFERENCE
OTHER		INFORMATION
FABRICATE PER	CES2606	SIZE/FSM NO.
PROCESS PER	XXXXXX32XXXXX	DWG NO.
WIRE TERMINATION PER	CES2716	F 71379
		SCALE: SCL
		SHEET 11 OF 16

9614007-2 LOGIC BOARD



DES.	PART NUMBER	DESCRIPTION	NOTES
C1	CY20C104M	CAPACITOR .1!FD	
C2	CY20C104M	CAPACITOR .1!FD	
C3	CY20C104M	CAPACITOR .1!FD	
C4	TDC334M050NLE	CAPACITOR .33!FD	
C5	CY20C104M	CAPACITOR .1!FD	
C6	CY20C154M	CAPACITOR .15!FD	
C7	CY20C154M	CAPACITOR .15!FD	
C8	CY20C154M	CAPACITOR .15!FD	
C9	TDC334M050NLE	CAPACITOR .33!FD	
C10	CY20C104M	CAPACITOR .1!FD	
D1	1N4006	DIODE	
D2	1N4006	DIODE	
D3	1N4006	DIODE	
D4	1N4006	DIODE	
D5	1N4006	DIODE	
D6	1N4006	DIODE	
D7	1N4006	DIODE	
D8	1N4006	DIODE	
J1	M24308/23-51	CONNECTOR	
K1	J114DD-26WL	RELAY	
Q1	VN67AB	MOS-FET TRANSISTOR	
Q2	VN67AB	MOS-FET TRANSISTOR	
Q3	VN67AB	MOS-FET TRANSISTOR	
Q4	VN67AB	MOS-FET TRANSISTOR	
Q5	VN67AB	MOS-FET TRANSISTOR	
Q6	VN67AB	MOS-FET TRANSISTOR	
R1	CM3908-103G	RESISTOR 10K Ω	
R2	CM3908-103G	RESISTOR 10K Ω	
R3	CM3908-103G	RESISTOR 10K Ω	
R4	CM3908-101G	RESISTOR 100 Ω	
R5	CM3908-334G	RESISTOR 330K Ω	
R6	CM3908-101G	RESISTOR 100 Ω	
R7	CM3908-334G	RESISTOR 330K Ω	
R8	CM3908-101G	RESISTOR 100 Ω	
R9	CM3908-334G	RESISTOR 330K Ω	
U1	!A78M05HM	REGULATOR 5 VOLT	
U2	!A7805CKC	REGULATOR 5 VOLT	



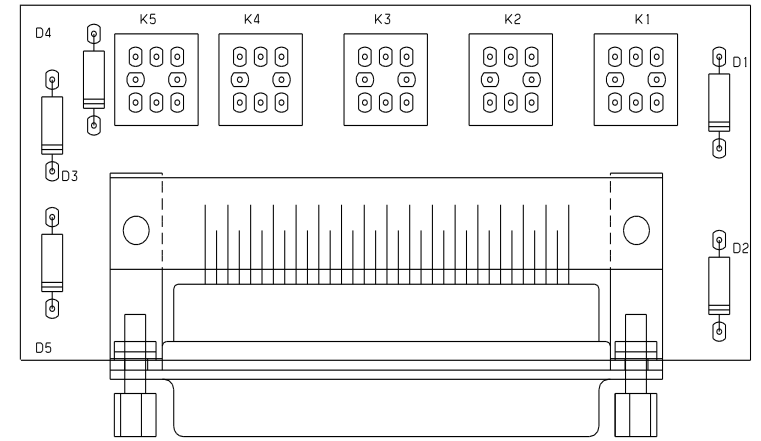
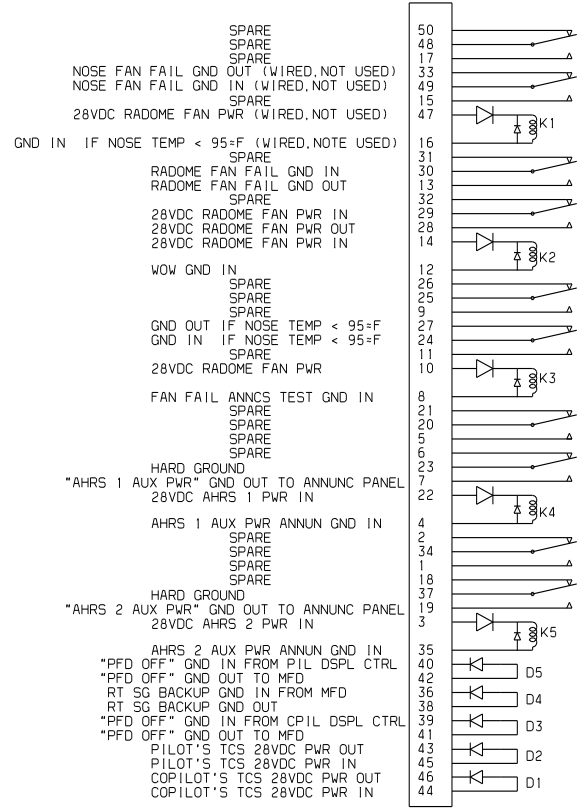
8655004-4 CABIN AVIONICS LOGIC BOX
9614007-2 FAN SENSE LOGIC BOARD ASSY
AND SCHEMATIC

DATE	01/27/97	CESSNA AIRCRAFT COMPANY AIRCRAFT DIVISION P.O. BOX 7704 WICHITA, KANSAS 67277
GROUP	STEVEN AKER	
CHECK		AVIONICS SYSTEM REFERENCE INFORMATION
SECT		
PRD J		
M. E.		
OTHER		SIZE F50N NO. DWG NO. F71379 ***** FABRICATE PER_CES260A PROCESS PER_XXXXXXX WIRE TERMINATION PER_CES271E
SCALE-SCL		SHEET 12 OF 16

EC34158

REF DES	PART NUMBER	NOMENCLATURE	NOTES
D1	1N4006	DIODE	
D2	1N4006	DIODE	
D3	1N4006	DIODE	
D4	1N4006	DIODE	
D5	1N4006	DIODE	
K1	114DD26A	RELAY	1 AMP
K2	114DD26A	RELAY	1 AMP
K3	114DD26A	RELAY	1 AMP
K4	114DD26A </td <td>RELAY</td> <td>1 AMP</td>	RELAY	1 AMP
K5	114DD26A	RELAY	1 AMP
J1	205869-2	PLUG	7 AMPS

PF427



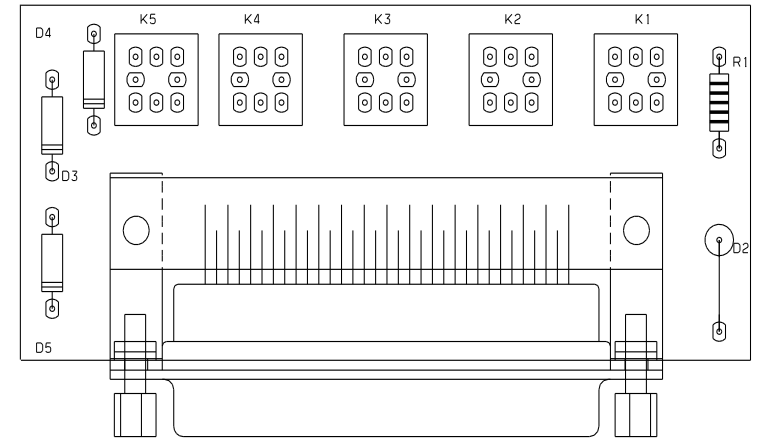
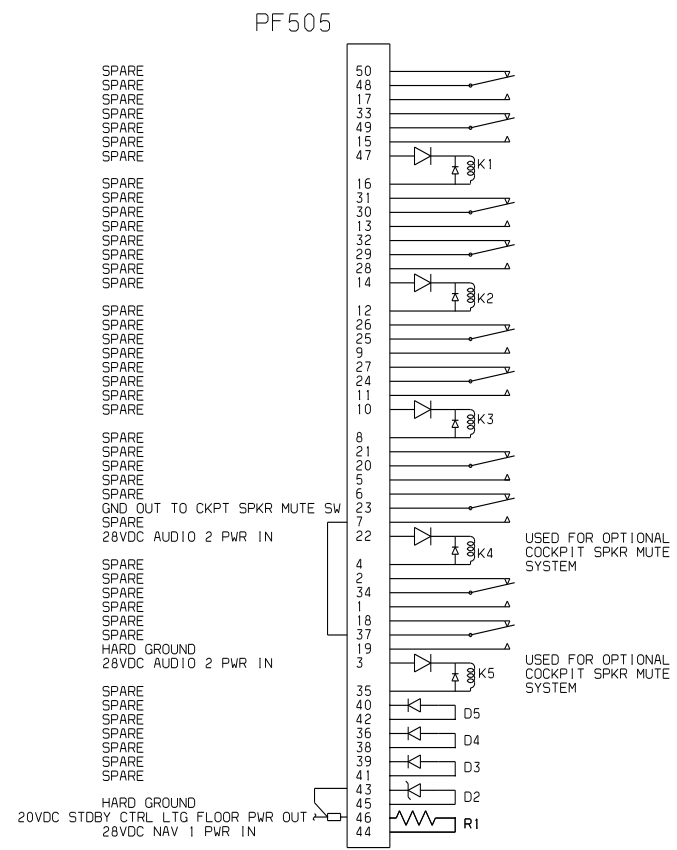
8655001-1 BOARD ASSY

8655004-4 CABIN AVIONICS LOGIC BOX
8655001-1 EFIS INTERFACE BOARD ASSY AND SCHEMATIC

DATE	01/27/97	CESSNA AIRCRAFT COMPANY AIRCRAFT DIVISION P.O. BOX 7704 WICHITA, KANSAS 67277
DRAWN	STEVEN AKER	
GROUP		AVIONICS SYSTEM REFERENCE INFORMATION
CHECK		
SECT		
PRD J		
M. E.		
OTHER		SIZE F50N NO. DWG NO.
FABRICATE PER CES2606		F71379
PROCESS PER XXXXXXXXXXXXX		
WIRE TERMINATION PER CES2716		
SCALE SCL		SHEET 13 OF 16

EC34158

REF DES	PART NUMBER	NOMENCLATURE	NOTES
R1	RCR07G102JP	RESISTOR	1K 0.25 WATT
D2	1N5357B	ZENNER DIODE	20V 5 WATT
D3	1N4006	DIODE	
D4	1N4006	DIODE	
D5	1N4006	DIODE	
K1	114DD26A	RELAY	1 AMP
K2	114DD26A	RELAY	1 AMP
K3	114DD26A	RELAY	1 AMP
K4	114DD26A </td <td>RELAY</td> <td>1 AMP</td>	RELAY	1 AMP
K5	114DD26A	RELAY	1 AMP
J1	205869-2	PLUG	7 AMPS



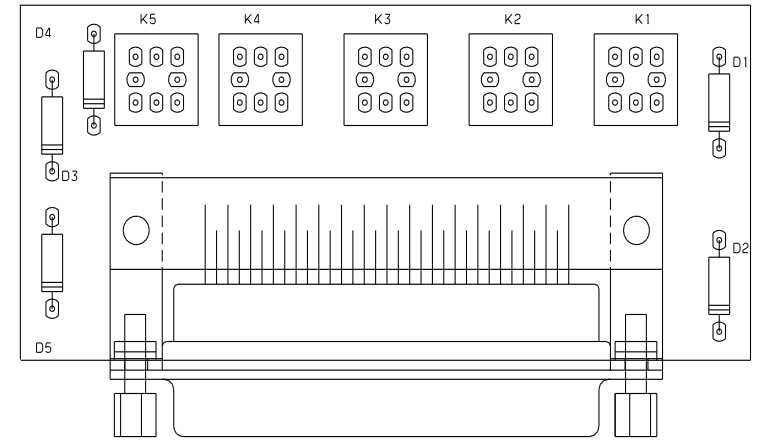
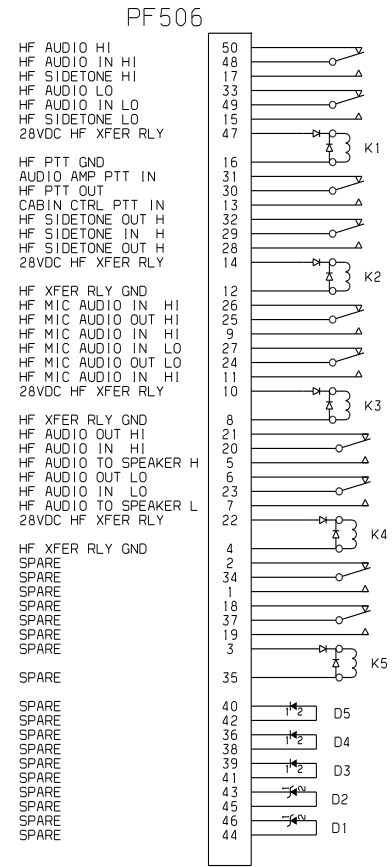
8655005-1 BOARD ASSY

8655004-4 CABIN AVIONICS LOGIC BOX
8655005-1 STDBY CTRL HEAD LTG BOARD AND SCHEMATIC

DATE	01/27/97	CESSNA AIRCRAFT COMPANY AIRCRAFT DIVISION P.O. BOX 7704 WICHITA, KANSAS 67277		
DRAWN	STEVEN AKER			
GROUP		AVIONICS SYSTEM REFERENCE INFORMATION		
CHECK				
SECT				
PROJ				
M. E.				
OTHER		SIZE	FSOJ NO.	DWG NO.
FABRICATE PER_CES260A		F 71379		
PROCESS PER_XXXXXXX/XXXXXX		*****		
WIRE TERMINATION PER_CES271B		SCALE	SCL	SHEET 14 OF 16

EC34158
CES FORM 1872

REF DES	PART NUMBER	NOMENCLATURE	NOTES
D1	1N4743A	ZENER DIODE	13VDC, 1 WATT
D2	1N4743A	ZENER DIODE	13VDC, 1 WATT
D3	1N4006	DIODE	
D4	1N4006	DIODE	
D5	1N4006	DIODE	
K1	114DD26A	RELAY	1 AMP
K2	114DD26A	RELAY	1 AMP
K3	114DD26A	RELAY	1 AMP
K4	114DD26A </td <td>RELAY</td> <td>1 AMP</td>	RELAY	1 AMP
K5	114DD26A	RELAY	1 AMP
J1	205869-2	PLUG	7 AMPS



9601160-1 BOARD ASSY

OPTIONAL 9610005-1 HF/FLITEFONE VI INTERFACE RELAY BOX ASSY
9601160-1 HF/FLITEFONE VI INTERFACE BOARD ASSY
AND SCHEMATIC

DATE	01/27/97	CESSNA AIRCRAFT COMPANY AIRCRAFT DIVISION P.O. BOX 7704 WICHITA, KANSAS 67277		
DRWN	STEVEN AKER			
GROUP		AVIONICS SYSTEM REFERENCE INFORMATION		
CHECK				
SECT				
PRD J				
M. E.				
OTHER		SIZE	FSO N NO.	DWG NO.
FABRICATE PER_CES2606		F71379		
PROCESS PER_XXXXXXX		*****		
WIRE TERMINATION PER_CES2716		SCALE	SCL	SHEET 16 OF 16

EC34158
US G
B A
CES FORM 1872