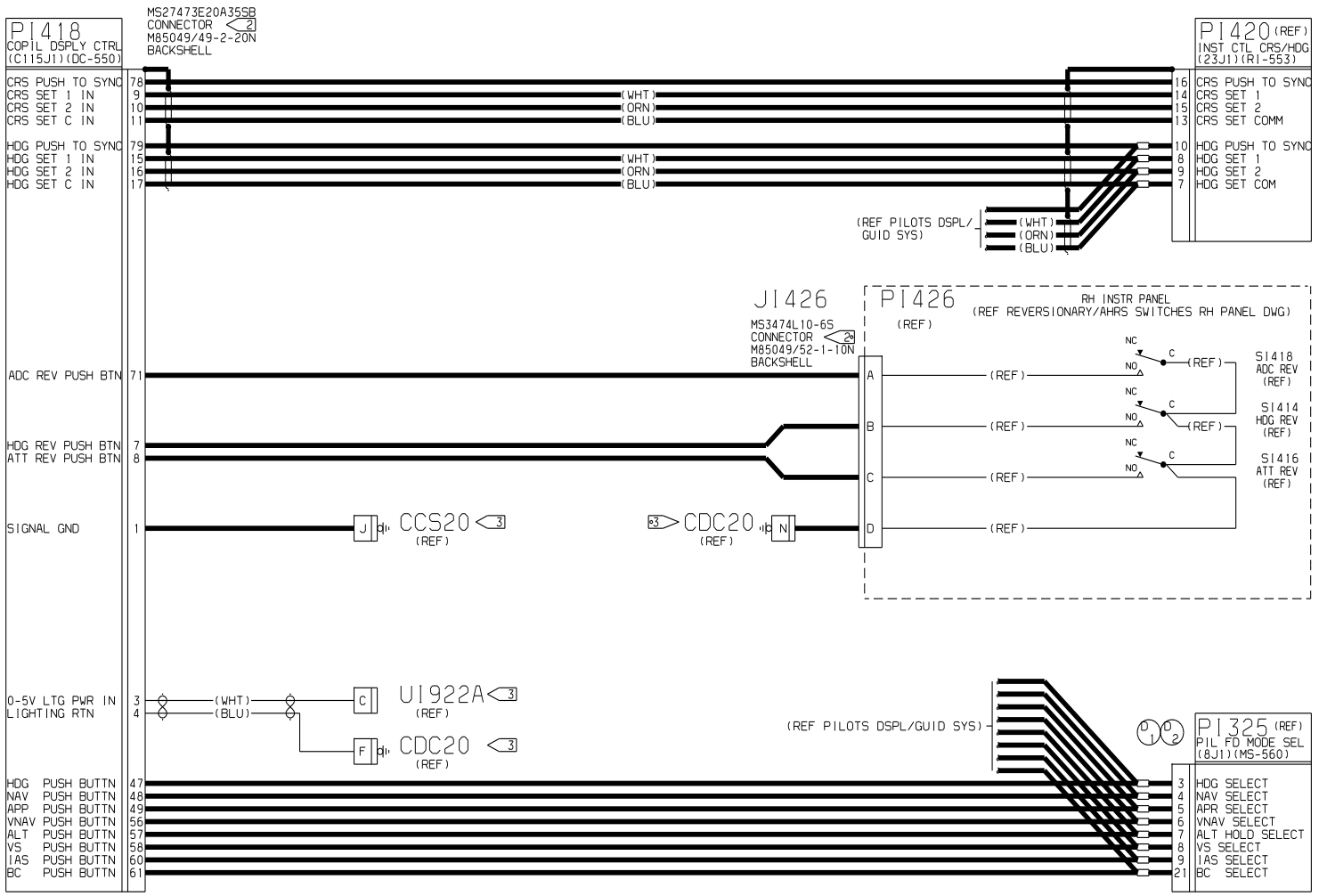
NOTES:

1. ALL WIRE PER MIL-W-81044/12, 22 AWG, EXCEPT AS NOTED.
2. AFFIX CM2987-5 ID TAG NEAR PLUG.
3. REFER TO 8654500 FOR LIGHTING AND GROUND BLOCK/STUD LOCATIONS.
4. TRI-STAR ELECTRONICS INC., PASO ROBLES, CA.
5. AEROSPACE OPTICS INC., FT. WORTH, TX., CI 32245.
6. AMP INC., HARRISBURG, PA., CI 32245.
7. AN ASTERISK PRECEDING A LETTER INDICATES LOWER CASE.
8. THE POLARIZING POSTS ARE INCLUDED WITH THE CONNECTOR AS LOOSE EQUIPMENT. THEY ARE TO BE INSTALLED IN THE CONNECTOR DURING ASSEMBLY. THE POLARIZATION POSITION IS TO BE THE SAME AS THE MATING CONNECTOR ON THE ASSOCIATED VENDOR BOX.
9. POSITRONIC IND INC., SPRINGFIELD, MO., CI 28198
10. MASON ELECTRIC CO INC., GLENDALE, CA.
11. TWO CONDUCTOR SHIELDED WIRE PER M27500-**ML2T08. THREE CONDUCTOR SHIELDED WIRE PER M27500-**ML3T08. TWISTED PAIR PER M27500-XXML2U00 (** AWG 22 EXCEPT AS NOTED)
12. MISC HARDWARE:

M81824/1-1	SPLICE
D436-38	SPLICE
S1367-1-6	TERMINAL
S1367-1-8	TERMINAL
S2974N3	SOLDER SLEEVE
S2974-3	SHIELD TERMINATION

13. LINES SHOWN AS BOLD SHALL MEET THE HIRF GUIDELINES AS SPELLED OUT ON THE AVIONICS CABLE KIT, AND MANUFACTURED IN ACCORDANCE WITH CESSNA SPECIFICATION CSAM012.
14. SUNBANK ELECTRONICS INC., PASO ROBLES, CA.
15. ITT CANNON, SANTA ANA, CALIF.
16. FOR 20 AWG WIRE USE, TRISTAR PIN P/N 219-2220-079 WITH EXTRACTION TOOL: M81969/14-01.



REVISIONS

SHEET	REV	DESCRIPTION	DATE	APPROVED
	A	BY REVISION:	07/26/96 SEA	
2		1)REF SC314: CHANGED WIRES TO REF & COLORED: A1304-BNC SC314 A1305 - BNO SC314		
3		2)REF PF909: CHANGED PINS FROM *P TO *B, *K TO *F		
		EFF: EC34158 WO XL-0150		
	B	BY REVISION:	09/13/96 CRV	
2		1)REF PC005: CHANGED PIN TO *I WAS *M		
		EFF: EC34158 WO XL-0681		
	C	BY REVISION:	01/20/97 CRV	
2		1)REF PN366: EGPWS SELECT WIRE 28PN366-MNLG20 MOVED TO EGPWS DWG 8616102 REV C. ACFT COMPLIES. NO WIRING CHANGES REQUIRED		
		EFF: EC34158 WO XL-809		
	D	BY REVISION:	06/06/97 SEA	
1		1)IMPLEMENTED THE SYNC'D FD'S WITH A SINGLE FD MODE SELECTOR BY DELETING THE NO 2 FD MODE SELECT REF DES P1326 ASSOC WIRING & PARTS AS FOLLOWS: 3P1326 - 47P1418, 4P1326 - 48P1418 5P1326 - 49P1418, 6P1326 - 56P1418 7P1326 - 57P1418, 8P1326 - 58P1418 9P1326 - 60P1418, 21P1326 - 61P1418 17P1326 - FU1922A, 19P1326 - HCDC20 DELETED M24308/2-283F CONN, M39029/63-368 SOCKETS, M24308/25-9 SCREWLOCKS, & DB20962 BAKSHELL		
1		2)ADDED THE NO 1 FD MODE SELECTOR P1325 & ASSOC WIRING AS FOLLOWS: 3P1325 - 47P1418, 4P1325 - 48P1418 5P1325 - 49P1418, 6P1325 - 56P1418 7P1325 - 57P1418, 8P1325 - 58P1418 9P1325 - 60P1418, 21P1325 - 61P1418		
2		3)DELETED REF DES P1326 & ASSOC WIRING AS FOLLOWS: 2P1326 - 30JB326, 30PB326 - 65PN900, 22P1326 - 1JB326, 1PB326 - 35PN366 1P1326 - TCDC20		
3		4)DELETED REF DES P1326 & ASSOC WIRING AS FOLLOWS: 12P1326 - 13JB326, 13PB326 - 71PN384, 11P1326 - 14JB326, 14PB326 - 105PN368 10P1326 - 17JB326, 17PB326 - 106PN368 13P1326 - 18JB326, 18PB326 - 100PN368 14P1326 - 19JB326, 19PB326 - 103PN368 15P1326 - 20JB326, 20PB326 - 101PN368, 16P1326 - 21JB326, 21PB326 - 102PN368 16PN383 - 68PN384, 49/52PN384 - 104PN368		
1		5)CHANGED ID TAG: WAS CM2987-1		
		EFF: EC34158 WO XL-1422		
	E	BY REVISION:	07/08/97 SEA	
2		1)CHANGED LENS CAP (REF) P/N DUE TO IMPLEMENTATION OF SYNC'D FD'S: P/N WAS 95XX156B-53335, NOW 95XX156B-62547		
		EFF: EC34158 WO XL-1422		

DATE	02/06/96
DRAWN	STEVEN AKER
GROUP	
CHECK	
SECT	
PROJ	
M.E.	
OTHER	
	SEE SIG. SHEET

FABRICATE PER CES2606
PROCESS PER XXXXXXXXXXXX
WIRE TERMINATION PER CES2716

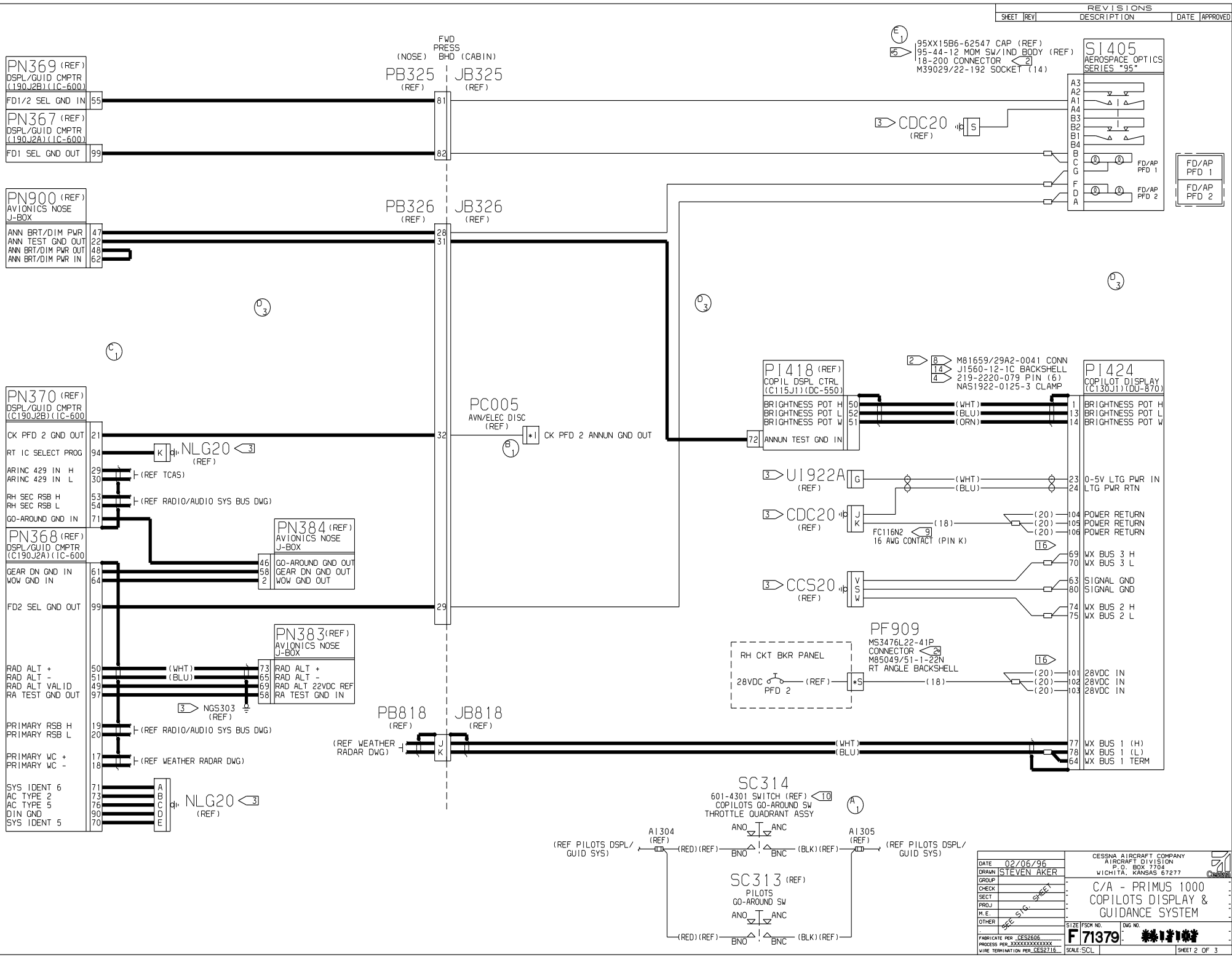
CESSNA AIRCRAFT COMPANY
AIRCRAFT DIVISION
P.O. BOX 7704
WICHITA, KANSAS 67277

C/A - PRIMUS 1000 COPILOTS DISPLAY & GUIDANCE SYSTEM

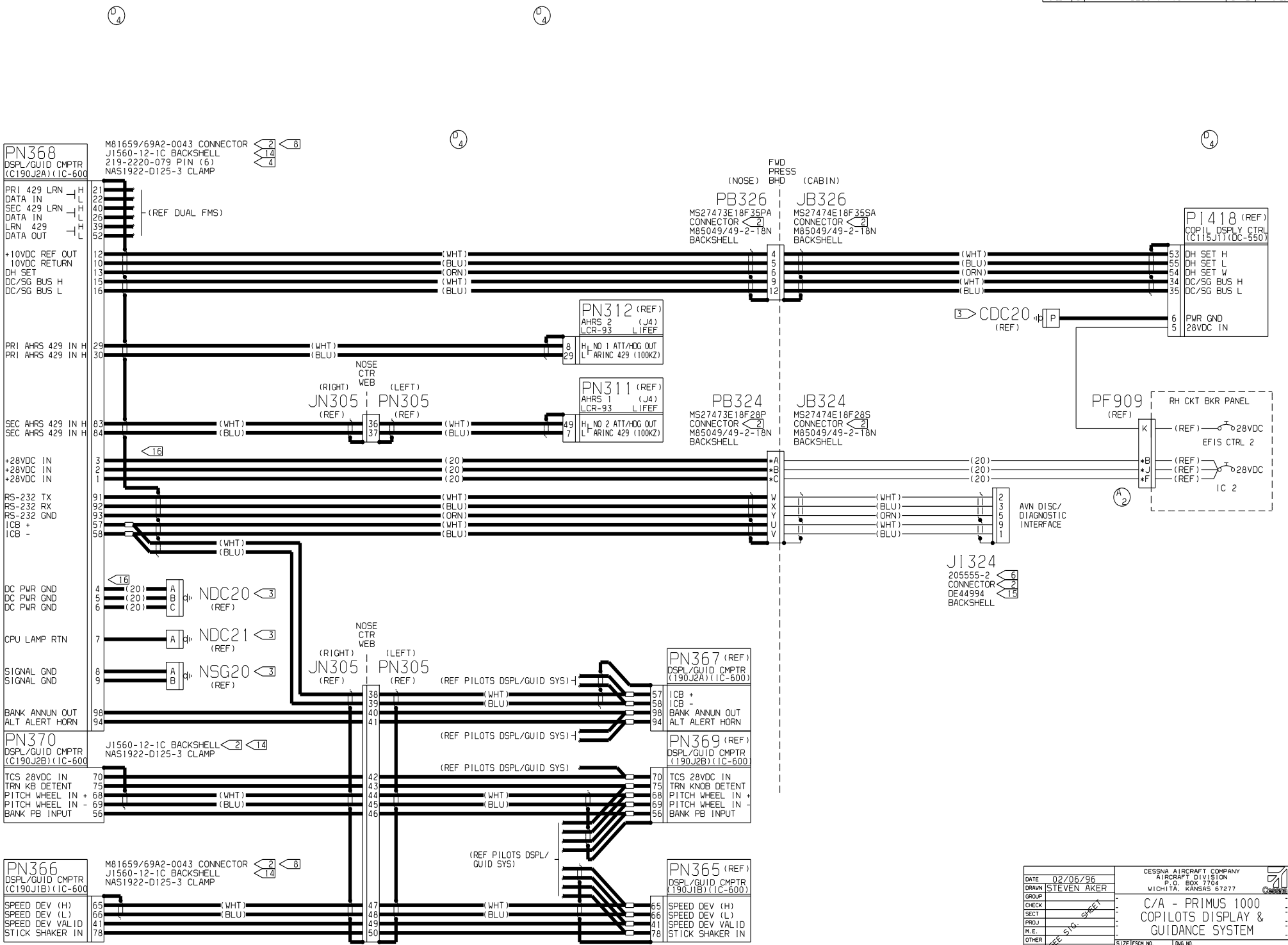
SIZE F | FSCM NO. 71379 | DWG NO. [redacted]
SCALE: SCL | SHEET 1 OF 3

EC34158

CES FORM 1872


REVISIONS
SHEET REV DESCRIPTION DATE APPROVED
FWD PRESS BHD (CABIN)
(NOSE)
PN369 (REF) DSPL/GUID CMPTR (190J2B)(IC-600)
FD1/2 SEL GND IN 55
PN367 (REF) DSPL/GUID CMPTR (190J2A)(IC-600)
FD1 SEL GND OUT 99
PB325 (REF) 81 82
JB325 (REF)
95XX15B6-62547 CAP (REF)
95-44-12 MOM SW/IND BODY (REF)
18-200 CONNECTOR 2
M39029/22-192 SOCKET (14)
S1405 AEROSPACE OPTICS SERIES "95"
A3 A2 A1 A4 B3 B2 B1 B4 B C G F D A
FD/AP PFD 1
FD/AP PFD 2
CDC20 (REF)
PN900 (REF) AVIONICS NOSE J-BOX
ANN BRT/DIM PWR 47
ANN TEST GND OUT 22
ANN BRT/DIM PWR OUT 48
ANN BRT/DIM PWR IN 62
PB326 (REF) 28 31
JB326 (REF)
PN370 (REF) DSPL/GUID CMPTR (C190J2B)(IC-600
CK PFD 2 GND OUT 21
RT IC SELECT PROG 94
NLG20 (REF)
ARINC 429 IN H 29
ARINC 429 IN L 30
(REF TCAS)
RH SEC RSB H 53
RH SEC RSB L 54
(REF RADIO/AUDIO SYS BUS DWG)
GO-AROUND GND IN 71
PC005 AVN/ELEC DISC (REF)
CK PFD 2 ANNUN GND OUT
32
PI418 (REF) COPIL DSPL CTRL (C115J1)(DC-550)
BRIGHTNESS POT H 50
BRIGHTNESS POT L 52
BRIGHTNESS POT W 51
ANNUN TEST GND IN 72
M81659/29A2-0041 CONN
J1560-12-1C BACKSHELL
219-2220-079 PIN (6)
NAS1922-0125-3 CLAMP
PI424 COPILOT DISPLAY (C130J1)(DU-870)
(WHT) (BLU) (ORN)
1 BRIGHTNESS POT H
13 BRIGHTNESS POT L
14 BRIGHTNESS POT W
UI922A (REF)
(WHT) (BLU)
23 0-5V LTG PWR IN
24 LTG PWR RTN
CDC20 (REF)
FC116N2 9
16 AWG CONTACT (PIN K)
(18)
(20) (20) (20)
104 POWER RETURN
105 POWER RETURN
106 POWER RETURN
16
69 WX BUS 3 H
70 WX BUS 3 L
CCS20 (REF)
63 SIGNAL GND
80 SIGNAL GND
74 WX BUS 2 H
75 WX BUS 2 L
PN368 (REF) DSPL/GUID CMPTR (C190J2A)(IC-600
GEAR DN GND IN 61
WOW GND IN 64
FD2 SEL GND OUT 99
29
PN384 (REF) AVIONICS NOSE J-BOX
46 GO-AROUND GND OUT
58 GEAR DN GND OUT
2 WOW GND OUT
PN383 (REF) AVIONICS NOSE J-BOX
RAD ALT + 50 (WHT)
RAD ALT - 51 (BLU)
RAD ALT VALID 49
RA TEST GND OUT 97
73 RAD ALT +
65 RAD ALT -
69 RAD ALT 22VDC REF
58 RA TEST GND IN
NGS303 (REF)
PF909 MS3476L22-41P CONNECTOR 2 M85049/51-1-22N RT ANGLE BACKSHELL
RH CKT BKR PANEL
28VDC PFD 2 (REF)
(18)
(20) (20) (20)
101 28VDC IN
102 28VDC IN
103 28VDC IN
PRIMARY RSB H 19
PRIMARY RSB L 20
(REF RADIO/AUDIO SYS BUS DWG)
PRIMARY WC + 17
PRIMARY WC - 18
(REF WEATHER RADAR DWG)
PB818 (REF)
JB818 (REF)
(REF WEATHER RADAR DWG)
(WHT) (BLU)
77 WX BUS 1 (H)
78 WX BUS 1 (L)
64 WX BUS 1 TERM
SYS IDENT 6 71
AC TYPE 2 73
AC TYPE 5 76
DIN GND 90
SYS IDENT 5 70
A B C D E
NLG20 (REF)
SC314 601-4301 SWITCH (REF) 10 COPILOTS GO-AROUND SW THROTTLE QUADRANT ASSY
ANO ANC BNO BNC
AI304 (REF)
AI305 (REF)
(REF PILOTS DSPL/ GUID SYS)
(RED)(REF)
(BLK)(REF)
SC313 (REF) PILOTS GO-AROUND SW
DATE 02/06/96
DRAWN STEVEN AKER
GROUP
CHECK
SECT
PROJ
M.E.
OTHER
SEE SIG. SHEET
FABRICATE PER CES2606
PROCESS PER XXXXXXXXXXXX
WIRE TERMINATION PER CES2716
CESSNA AIRCRAFT COMPANY
AIRCRAFT DIVISION
P.O. BOX 7704
WICHITA, KANSAS 67277
C/A - PRIMUS 1000
COPILOTS DISPLAY &
GUIDANCE SYSTEM
SIZE F FSCM NO. 71379
DWG NO.
SCALE: SCL
SHEET 2 OF 3
EC34158
CES FORM 1872

REVISIONS				
SHEET	REV	DESCRIPTION	DATE	APPROVED



DATE	02/06/96	CESSNA AIRCRAFT COMPANY AIRCRAFT DIVISION P.O. BOX 7704 WICHITA, KANSAS 67277
DRAWN	STEVEN AKER	
GROUP		C/A - PRIMUS 1000 COPILOTS DISPLAY & GUIDANCE SYSTEM
CHECK		
SECT		
PROJ		
M.E.		
OTHER		
FABRICATE PER CES2606		SIZE F FSCM NO. 71379 DWG NO. [redacted]
PROCESS PER XXXXXXXXXXXX		
WIRE TERMINATION PER CES2716		SCALE: SCL SHEET 3 OF 3

SEE SIG. SHEET

EC34158

CES FORM 1872