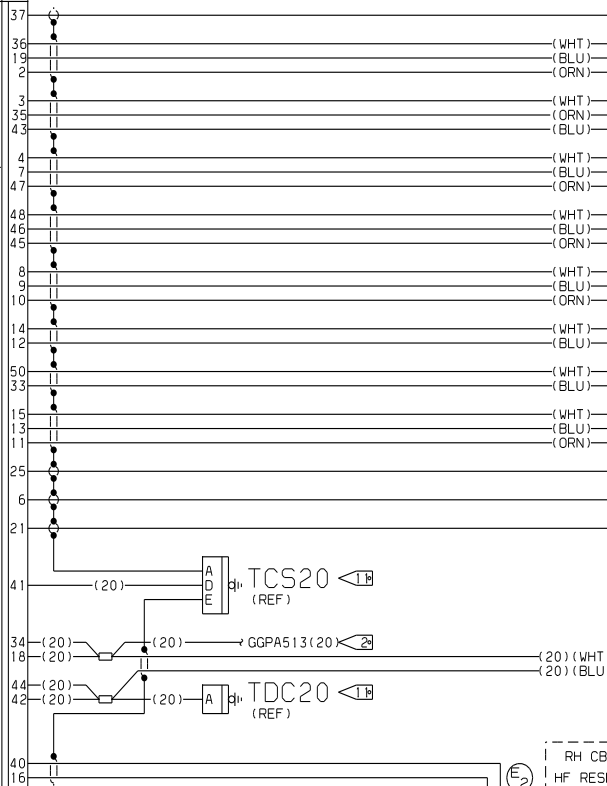


PT502

RCVR/EXC  
KTR-953

030-01176-0000 CONNECTOR (REF)  
030-01157-0011 SOCKET (REF)  
030-02351-0004 HOOD & LEVER (REF)

AGC  
-26VDC  
A3A  
ON/OFF  
+12VDC  
+5VDC  
LOGIC GND  
POWER ON RESET  
CLARIFIR ON/OFF  
OVEN & SYN RDY  
RCVR BB0  
RCVR BB1  
RCVR BB2  
RCVR AM  
RCVR XMT  
RCVR TUNE  
RCVR AUDIO (HI)  
RCVR AUDIO (LO)  
MIC AUDIO (HI)  
MIC AUDIO (LO)  
SQUELCH  
VOL & SOUL REF  
VOL VAR  
SYN STROBE  
SYN DATA  
SYN CLK  
CHASIS GND  
28VDC  
28VDC  
POWER GND  
POWER GND  
ALC  
ALC REF-PWR OFF

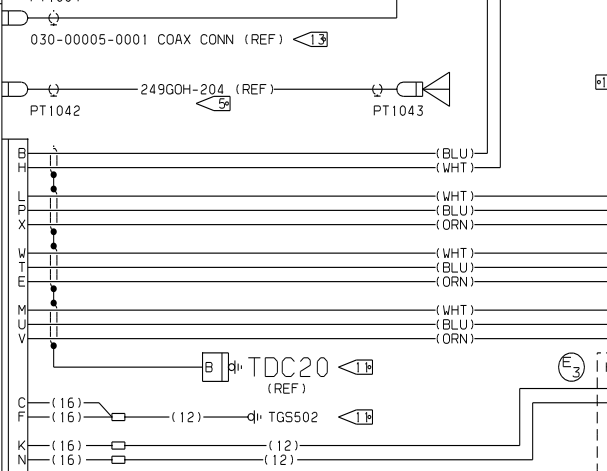


PT504

PA/CPLR  
KAC-952

030-02364-0000 CONNECTOR (REF)  
030-01080-0000 20AWG SOCKETS (REF)  
030-01085-0000 16AWG SOCKETS (REF)

POWER OFF SENSE  
ALC  
PA BB0  
PA BB1  
PA BB2  
CPLR BYPASS  
PA TUNE  
PA XMT  
CPLR RDY  
CPLR FAULT  
PA LOGIC REF  
DC GND  
DC GND  
28VDC  
28VDC



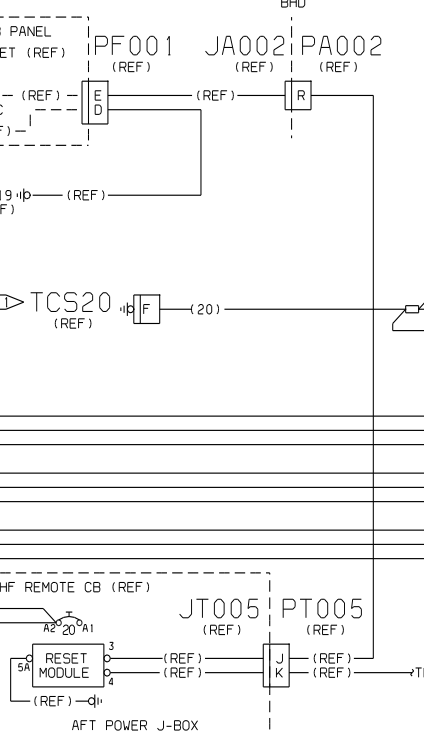
42  
46

030-01176-0000 CONNECTOR (REF)  
030-01157-0011 SOCKET (REF)  
030-01188-0000 POLAR SOCKET (REF)  
030-02351-0004 HOOD & LEVER (REF)

PT506

ADAPTER  
KA 594

AGC  
-26VDC  
A3A 0/9  
ON/OFF  
+12VDC  
+5VDC  
LOGIC GND  
LSB DISABLE  
POWER ON RESET  
CLARIFY ON/OFF  
OVEN & SYN RDY  
RX BB0  
RX BB1  
RX BB2  
RX AM  
RX XMT  
RX TUNE  
AUDIO OUT (HI)  
AUDIO OUT (LO)  
MIC AUDIO (HI)  
MIC AUDIO (LO)  
SQUELCH  
VOL & SQUELCH  
VOL VAR  
SYN STROBE  
SYN DATA  
SYN CLOCK  
POLARIZING SOCKET  
+28VDC  
GND  
PA BB0  
PA BB1  
PA BB2  
CPLR BYPASS  
PA TUNE  
PA XMT  
CPLR RDY  
CPLR FAULT  
PA LOGIC (REF)

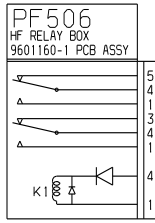


REVISIONS				
SHEET	REV	DESCRIPTION	DATE	APPROVED
1	E	REDRAWN WITH CHANGES:	02/02/98	CGS
1	1	1) ADDED NOTE 19. WAS: FILED IN CADAM NOW: FILED IN PROCADAM		
1	1	2) REMOVED HF RESET CB* REFERENCE.		
1	1	3) REMOVED HF REMOTE CB* REFERENCE.		
2	2	4) REMOVED HF CB* REFERENCE. EFF: EC34169		

NOTES:

- SEE SHEET 1.
- SEE SHEET 2.
- AMP INC., HARRISBURG, PA.
- AN ASTERISK PRECEDING A LETTER INDICATES LOWER CASE.
- ELECTRONIC CABLE SPECIALISTS (ECS), FRANKLIN, WI.
- ALLIED SIGNAL, OLATHE, KS.
- ITT CANNON, SANTA ANA, CA.
- MISC HARDWARE:
  - M81824/1-1 SPLICE
  - M81824/1-2 SPLICE
  - D436-38 SPLICE
  - S-1367-1-6 TERMINAL
  - S-1367-1-8 TERMINAL
  - S-1367-3-10 TERMINAL
  - S2974N2 SOLDER SLEEVE
  - S2974N3 SOLDER SLEEVE
- ALL WIRES TO BE PER MIL-W-81044/12, 22 AWG, EXCEPT AS NOTED.
- SINGLE CONDUCTOR SHIELDED WIRE PER M27500-\*\*ML1T08  
TWO CONDUCTOR SHIELDED WIRE PER M27500-\*\*ML2T08  
THREE CONDUCTOR SHIELDED WIRE PER M27500-\*\*ML3T08  
TWO CONDUCTOR TWISTED WIRE PER M27500-\*\*ML2U00  
\*\* INDICATES 22 AWG, EXCEPT AS NOTED.
- REFER TO 8654500 FOR LIGHTING AND GROUND BLOCK/STUD LOCATIONS.
- AFFIX CM2987-5 ID TAG NEAR PLUG.
- PART OF A/S INSTL KIT KPN 050-01847-0001
- PART OF A/S INSTL KIT KPN 050-01848-0001
- PART OF A/S INSTL KIT KPN 050-01986-0001
- PART OF A/S INSTL KIT KPN 050-01993-0001
- S3070-10, CESSNA CODE FOR VENDOR P/N LMD4003P PIN MODULE AND LMD4022-36LJ PIN CONTACT
- PYLE NATIONAL CORP., CHICAGO, IL.
- PINS 4, 5, AND 6 OF JF558 ONLY USED WITH OPTIONAL AVTECH AUDIO.
- THIS DRAWING FILED IN PROCADAM.

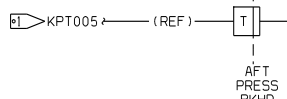
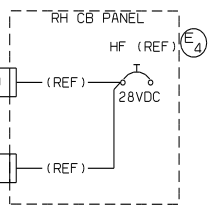
DATE	12/13/96	CESSNA AIRCRAFT COMPANY
DRAWN	ROBERT SCOTT	AIRCRAFT DIVISION
GROUP		P.O. BOX 7704
CHECK		WICHITA, KANSAS 67277
SECT		CABLE ASSY
PROJ		KHF-950 HF COMM
M.E.		
OTHER		
FABRICATE PER	DES2606	SIZE (FSON NO.)
PROCESS PER	XXXXXXXXXXXXXX	DWG NO.
WIRE TERMINATION PER	DES2716	<b>F71379</b>
		SIZE (SCL)
		SHEET 1 OF 2



DDMA505 CONNECTOR (REF)   
205980-1 RETAINER ASSY (REF)   
DD20964 BACKSHELL (REF)

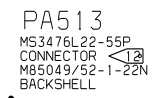
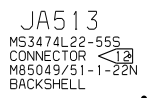


(WHT) (REF AUDIO)  
(ORN)  
(BLU)  
(WHT)  
(BLU)

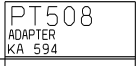


AFT PRESS BKHD

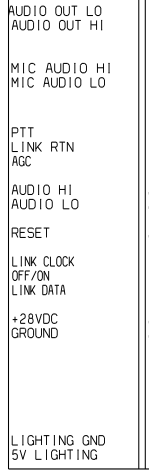
AFT PRESS BHD  
CABIN TAIL



030-01159-0000 CONNECTOR (REF)  
 030-01184-0011 20AWG PIN (REF)  
 030-02351-0001 HOOD & LEVER (REF)



030-01174-0000 CONNECTOR (REF)   
030-01157-0011 20AWG SOCKET (REF)   
030-01222-0000 HOOD & LEVER (REF)   
092-00052-0002 NUT ANCHOR (REF)



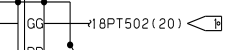
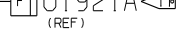
(BLU)  
(WHT)

(WHT)  
(BLU)  
(ORN)

(WHT)  
(BLU)

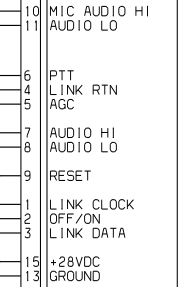
(WHT)  
(BLU)  
(ORN)

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(WHT)



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(BLU)  
(WHT)  
(BLU)  
(ORN)  
(WHT)  
(BLU)

(WHT)  
(BLU)  
(ORN)  
(20)  
(20)



DATE	12/13/96
DRWN	ROBERT SCOTT
GROUP	
CHECK	
SECT	
PROJ	
M. E.	
OTHER	

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

**CABLE ASSY**  
**KHF-950 HF COMM**

FABRICATE PER CES260A  
PROCESS PER XXXXXXXXXXXXX  
WIRE TERMINATION PER CES271E

SIZE F50N NO. DWG NO.  
**F71379**

SCALE: SCL SHEET 2 OF 2

EC 34169