

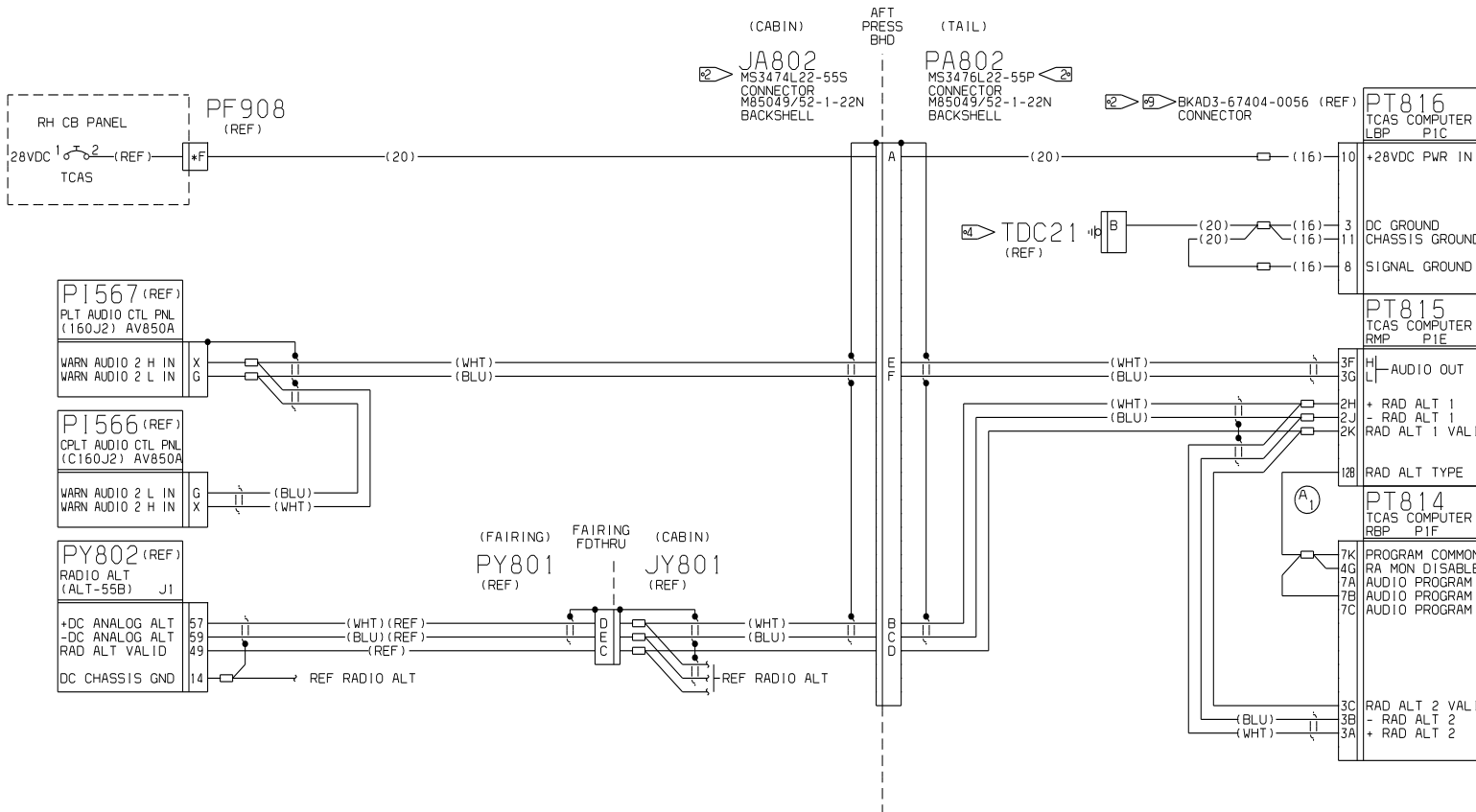
NOTES:

1. THIS DRAWING FILED IN PROCADAM.
- 2 AFFIX CM2987-5 ID TAG NEAR CONNECTOR.
3. LINES SHOWN AS BOLD SHALL MEET THE HIRF GUIDLINES AS SPELLED OUT ON THE AVIONICS CABLE KIT, AND MANUFACTURED IN ACCORDANCE WITH CESSNA SPECIFICATION CSAM012.
- 4 REFER TO DRAWING 8654500 FOR GND BLOCK/STUD LOCATION.
5. ALL WIRE PER MIL-W-81044/12, 22 AWG EXCEPT AS NOTED.
6. ONE CONDUCTOR SHIELDED WIRE PER M27500-***ML1T08 TWO CONDUCTOR SHIELDED WIRE PER M27500-***ML2T08 (** - 22AWG EXCEPT AS NOTED)
- 7 ELECTRONIC CABLE SPECIALISTS (ECS) FRANKLIN, WI.
8. MISC. HARDWARE
 - S2974-7 SHIELD TERMINATION S1367-1-8 TERMINAL
 - S2974N2 SOLDER SLEEVE S1367-1-10 TERMINAL
 - S2974-3 SHIELD TERMINATION M7928/1-14 22GA NO. 8 TERMINAL
 - S2974N3 SOLDER SLEEVE
 - M81824/1-1 SPLICE
 - M81824/1-3 SPLICE

- 9 PART OF ECS HARDWARE KIT, 970H01-900-108 (REF). REFER TO TCAS COMPUTER INSTALLATION DRAWING FOR KIT REQUIREMENTS.
10. AN ASTERISK PRECEDING A LETTER INDICATES LOWER CASE.
- 11 PART OF ECS TCAS RF COAX KIT 999LE-503-101 (REF). REFER TO TCAS COMPUTER INSTALLATION DRAWING FOR KIT REQUIREMENTS.
- 12 A BTF101 FEEDTHRU CONNECTOR IS SUPPLIED WITH EACH COAX ASSY.
- 13 AMPHENOL, DANBURY, CT.
- 14 KINGS ELECTRONICS, TUCKAHOE, NY.
- 15 USE ONLY WHEN TERMINATING SHIELD BRAIDS MULTIPLE WIRES. FOR SINGLE WIRE TERMINATIONS, USE M7928/1-XX TERMINAL.
- 16 AUDIO LEVEL PROGRAM PINS CONTROL THE OUTPUT LEVELS OF BOTH SYNTHESIZED VOICE OUTPUTS (PIE-2F, 2G, 3F, 3G).

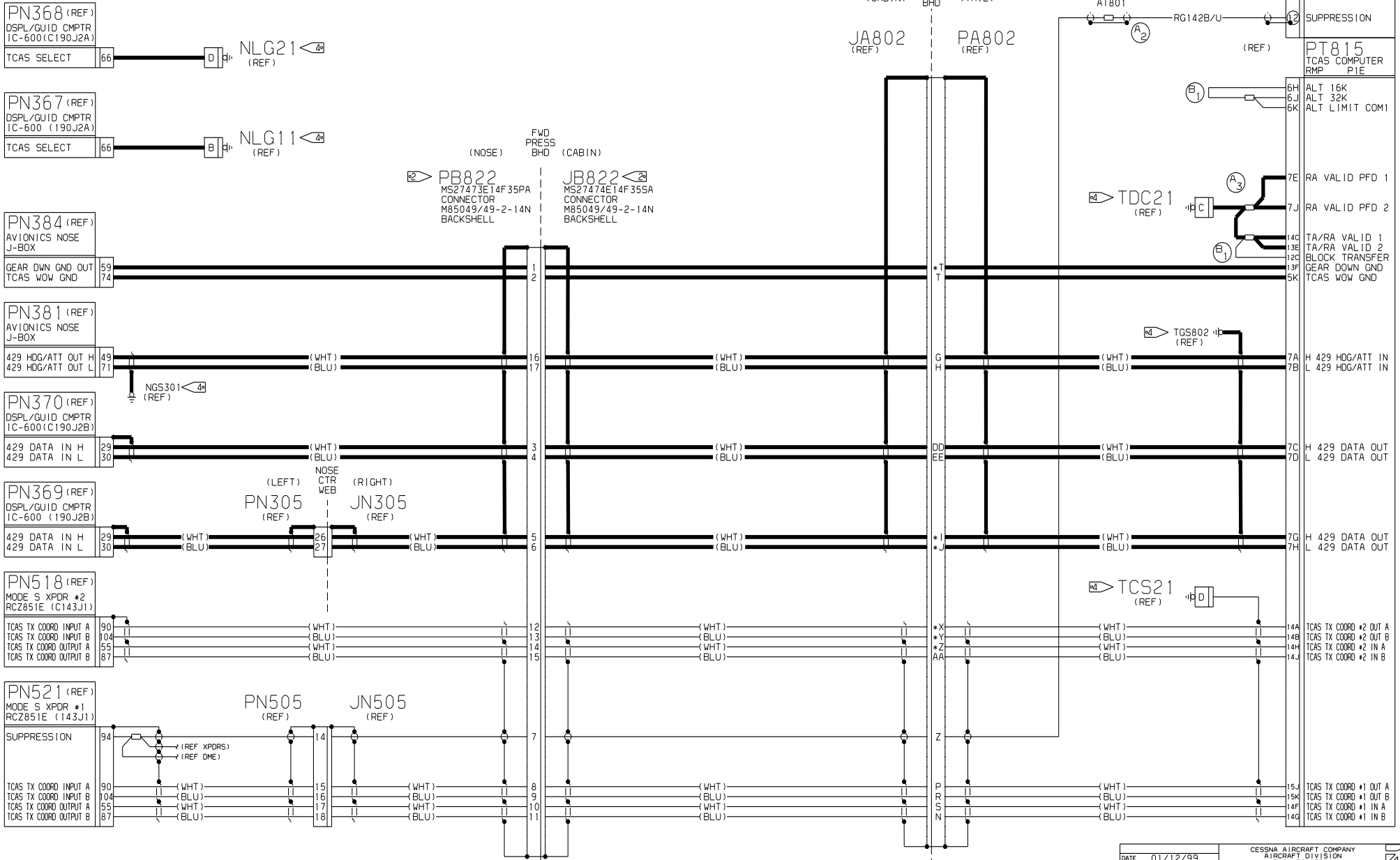
PIN (PIF-)			LOW LEVEL OUTPUT		HIGH LEVEL OUTPUT	
7A	7B	7C	dBm	mW	dBW	W
OPEN	OPEN	OPEN	16	40	6	4
OPEN	OPEN	GROUND	13	20	3	2
OPEN	GROUND	OPEN	10	10	0	1
OPEN	GROUND	GROUND	7	5	-3	0.5
GROUND	OPEN	OPEN	4	2.5	-6	0.25
GROUND	OPEN	GROUND	1	1.25	-9	0.125
GROUND	GROUND	OPEN	-2	0.625	-12	0.0625
GROUND	GROUND	GROUND	19	80	9	8

REVISIONS				
SHEET	REV	DESCRIPTION	DATE	APPROVED
SHT 1	A	BY REVISION:	03/10/99	RFF
		1) ADDED JUMPER 7BPT814-BPT		
SHT 2		2) ADDED SPLICE AT801		
		ADDED RG-142B/U FROM AT801 TO 12-PT816		
SHT 2	B	3) DELETED PI423, PI424, AND PI422	04/19/99	SPH
		AND ASSOCIATED WIRING ADDED TOC21 AND ASSOCIATED WIRING		
		EC: 42132		
		BY REVISION:		
		2) ADDED PINS 6H, 6J, 6K AND 12C TO PT815.		
		EFF: ECA2132		

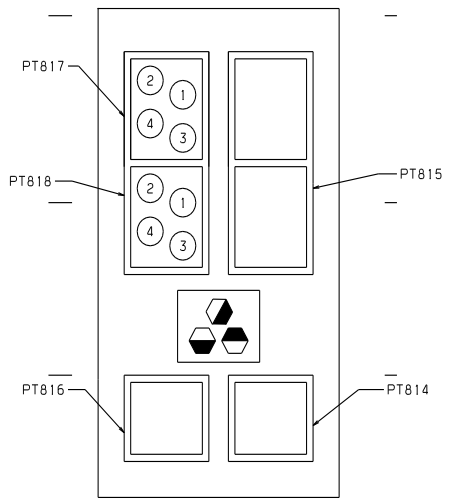
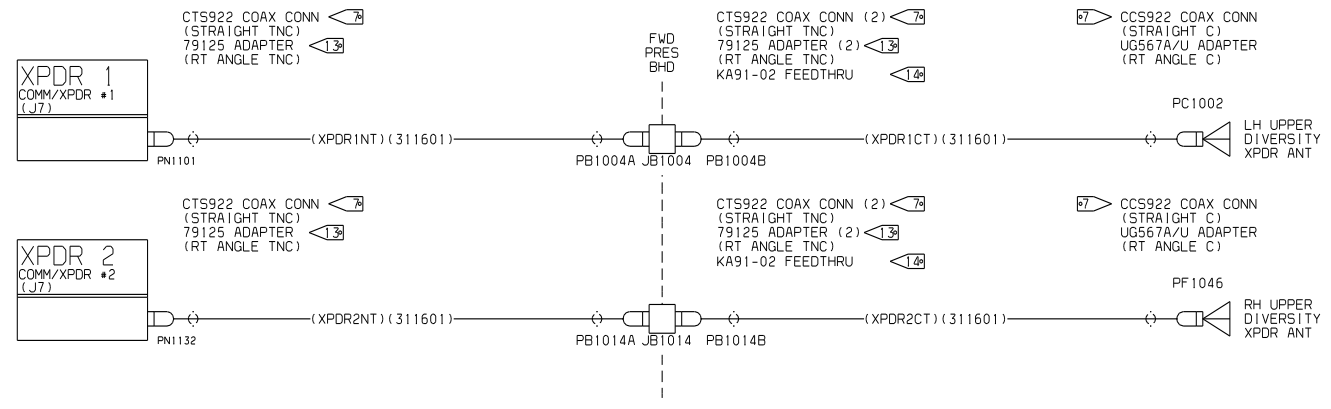


DATE	01/12/99	CESSNA AIRCRAFT COMPANY AIRCRAFT DIVISION P.O. BOX 7704 WICHITA, KANSAS 67277	CABLE ASSEMBLY HONEYWELL TCAS 2000 W/HONEYWELL RADIOS
GROUP	FITZPATRICK		
CHECK		SCALE: NONE PARENT: 8608110 SHEET 1 OF 3	CEC FORM 1872
SEC			
PROJ		FABRICATE PER CES2604	
M.E.		PROCESS PER XXXXXXXXXXXXX	
OTHER		WIRE TERMINATION PER CES2718	

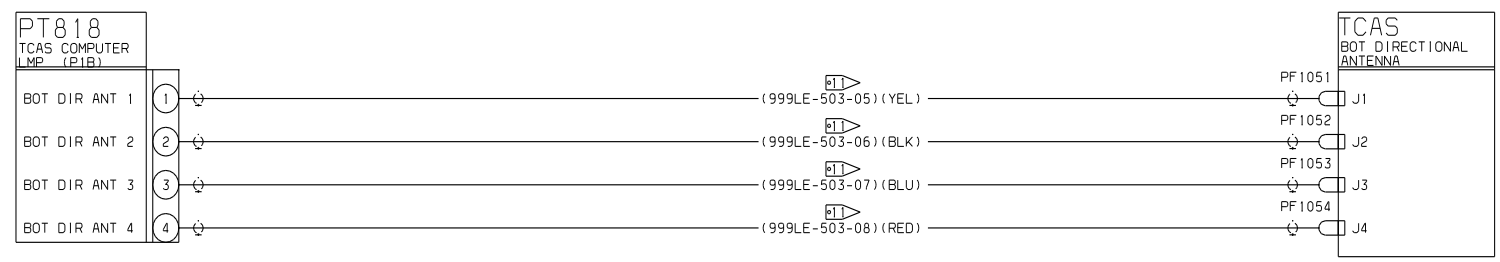
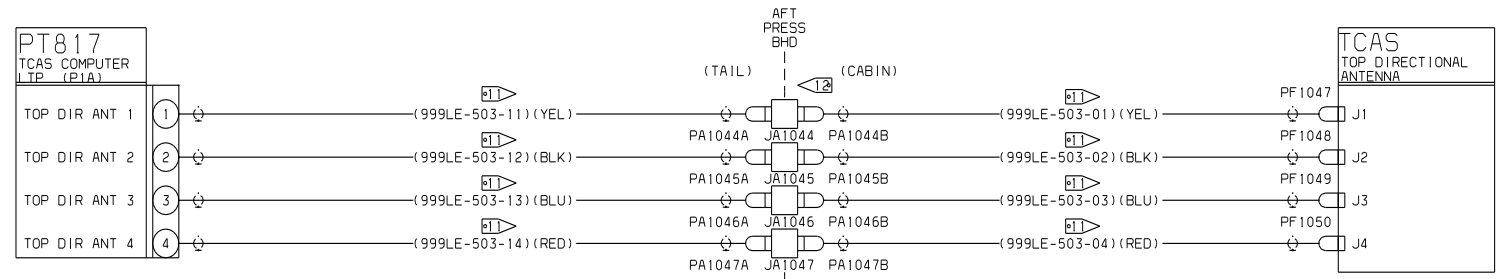
EC 042132



DATE	01/12/99	CESSNA AIRCRAFT COMPANY AIRCRAFT DIVISION P.O. BOX 7704 WICHITA, KANSAS 67277
DRN	FITZPATRICK	
GROUP		CABLE ASSEMBLY HONEYWELL TCAS 2000 W/HONEYWELL RADIOS
CHECK		
SECT		
PROJ		
M.E.		
OTHER		SCALE: NONE PARENT: 8608110 SHEET 2 OF 3
FABRICATE PER CES260A		
PROCESS PER XXXXXXXXXXXXX		
WIRE TERMINATION PER CES271E		



CONNECTOR KEYING AND CONN LOCATION
(AFT VIEW OF RACK CONNECTOR)



DATE	01/12/99	CESSNA AIRCRAFT COMPANY AIRCRAFT DIVISION P.O. BOX 7704 WICHITA, KANSAS 67277		
DRAWN	FITZPATRICK			
GROUP		CABLE ASSEMBLY HONEYWELL TCAS 2000 W/HONEYWELL RADIOS		
CHECK				
SECT				
PROJ				
M. E.				
OTHER		SIZE	FSCM NO.	DWG NO.
FABRICATE PER CES2200				
PROCESS PER CES2216		SCALE: NONE PARENT: 6608110 SHEET 3 OF 3		
WIRE TERMINATION PER CES2716		CES FORM 1872		