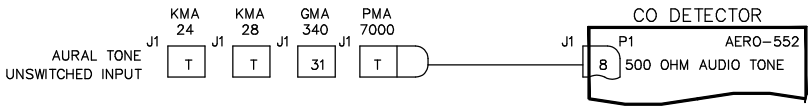
REVISIONS			
REV	DESCRIPTION	DATE	APVD

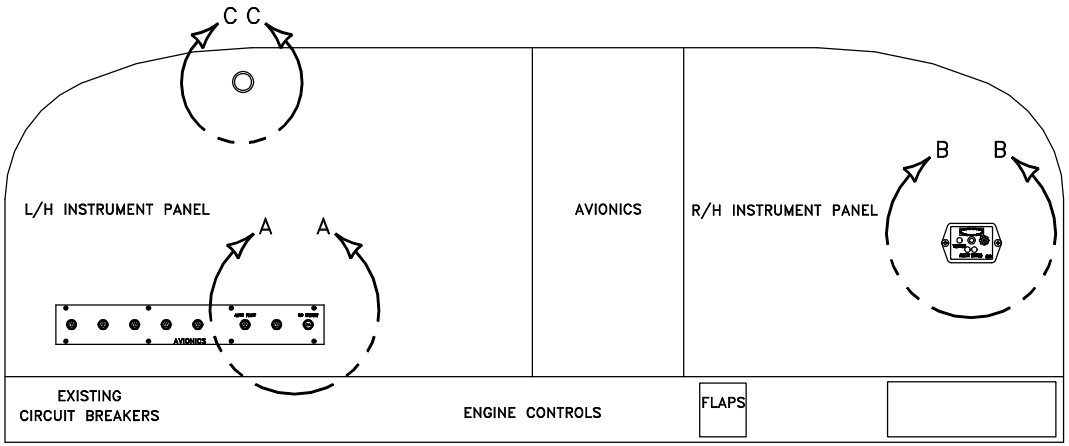
NOTES:

1. EXISTING EQUIPMENT.
2. PERMISSIBLE TO TRIM PARTS CREATED BY THIS DRAWING ON INSTALLATION AS REQUIRED.
3. TOUCH UP ALL BARE ALUMINUM SURFACES WITH ALODINE PER MIL-C-5541 CLASS 3.
4. PARENTHETICAL ENTITIES, ( ), ARE FOR REFERENCE ONLY.
5. LOCATE CIRCUIT BREAKER IN THE SAME GENERAL AREA WITH EXISTING CIRCUIT BREAKERS. LABEL AS SHOWN USING STANDARD ENGRAVING, SILKSCREEN, OR OTHER TECHNIQUES. LETTERING TO BE SAME HEIGHT AS EXISTING C/B LETTERING.
6. — — — — DENOTES EXISTING WIRES.
7. GROUND TWISTED-PAIR POWER RETURN WIRE NEAR CIRCUIT BREAKER PANEL. TWISTED-PAIR TO BE 6 TURNS PER FOOT OR GREATER.
8. TIE INTO EXISTING BUS BAR NEAR LOCATION OF NEW CIRCUIT BREAKER. IF A JUMPER WIRE IS REQUIRED, USE 20 GAUGE MIL-W-22759/XX TYPE.
9. BEST COMMERCIAL EQUIVALENT MAY BE SUBSTITUTED FOR THIS PART.
10. THE INSTALLATION OF WIRING TO BE PERFORMED IN ACCORDANCE WITH AC 43.13-1B, 2A, ACCEPTABLE METHODS, TECHNIQUES, AND PRACTICES – AIRCRAFT ALTERATIONS, CHAPTER 11. ALL WIRE TO BE MIL-W-22759/16 OR EQUIVALENT.
11. LETTERING TO BE .10 HIGH MINIMUM, WHITE, HELVETICA, LOCATED APPROX AS SHOWN. USE STANDARD SILKSCREENING, ENGRAVING OR PLACARD TECHNIQUES.
12. OPTIONAL MOUNTING SCREW / MOUNTING HOLE.
13. SEE OWNERS MANUAL 03-353-201 FOR INSTALLATION CRITERIA.
14. SEE MFG INSTALLATION MANUAL FOR RS-232 HOOKUPS (OPTIONAL).
15. THE FOLLOWING IS A GUIDE FOR UNSWITCHED AUDIO PINOUTS. PINOUTS MUST BE VERIFIED WITH LATEST MANUFACTURER DRAWINGS.



LOC: LH INSTRUMENT PANEL

16. ACTIVATE VOICE SYNTHESIZED AUDIO PANELS ON PRODUCTS SUCH AS PS ENGINEERING MODEL PMA 7000B PIN 20.
17. OPTIONAL IF DETECTOR IS INSTALLED AWAY FROM THE PILOTS REACH OR INSTALLED IN A REMOTE APPLICATION.
18. SPARE GROUND USED BY GARMIN 900 AND G1000. SEE GARMIN INSTALLATION MANUAL.
19. MFD CONTROLLED BY RS232 REMOTE TEST/RESET.
20. TEMP OUTPUT (0-5V) SEE MFG INSTALLATION MANUAL.
21. CO OUTPUT (0-5V) SEE MFG INSTALLATION MANUAL.



TYPICAL INSTRUMENT PANEL

VIEW LOOKING FWD

ITEM	QTY	PART NUMBER	DESCRIPTION	VENDOR
6	3	205204-1	9 PIN D-SUB	AMP
5	3	MS35214-44	SCREW	QPL
4	1	164566	MOMENTARY SWITCH	DIGI KEY
3	1	855SI-A-3-DDS	LAMP	SOLAN
2	1	7277-2-2	CIRCUIT BREAKER	KLIXON
1	1	353-***	C O DETECTOR	C O GUARDIAN

9

PROPRIETARY NOTICE

This drawing contains specifications and/or data, technical material, proprietary designs and information that are the sole property of C O Guardian, LLC., and treated by its recipient on a confidential basis, and is not to be shown or disclosed to any unauthorized organization or person.

RIVET CODES PER NAS523
BB = MS20426AD
BJ = MS20470AD

UNLESS OTHERWISE NOTED; ALL BEND RAD TO BE 3 x MATL THICKNESS

DASH | NEXT ASSY

APPROVALS		DATE
DESIGN		
DRAWN	ERIC WILSON	02/21/06
CHECK	SCOTT BILLINGS	02/21/06
INSP.		
PROJ.		
REL.	ASH VIJ	02/22/06

UNLESS OTHERWISE NOTED ALL DIM ARE IN INCHES

TOLERANCES
.XXX ±.010 ANGLES
.XX ±.03 ±1/2°
.X ±.1

FINISH NONE

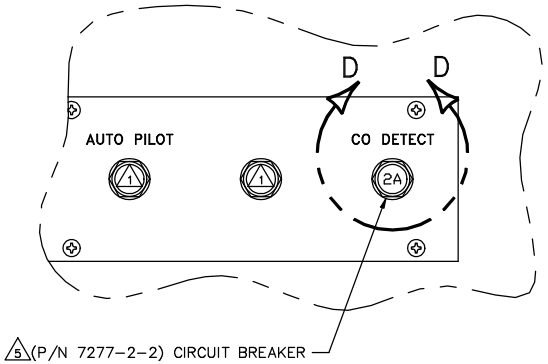
SCALE NONE

C O GUARDIAN
1961 East Airport Drive
Tucson, AZ 85706

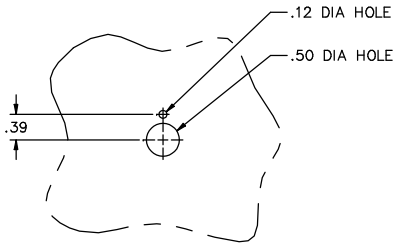
TITLE: CO DETECTOR INSTL.

DRAWING NO. 353-001 | SH 1 OF 7 | REV A

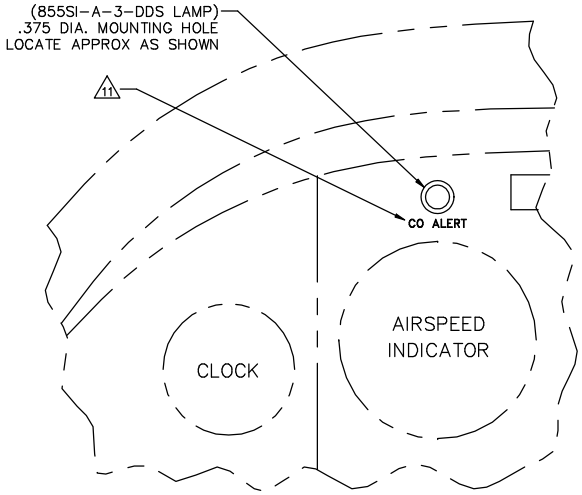
FILENAME: 353-001IR



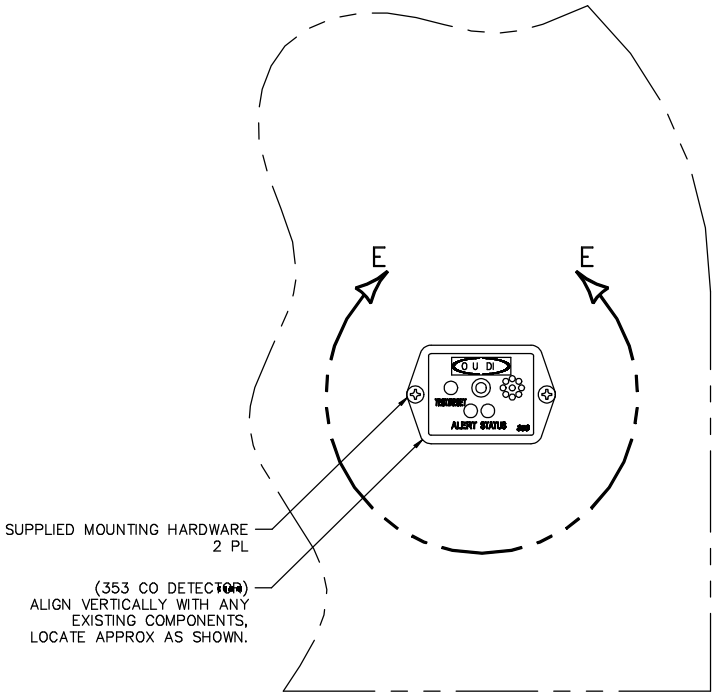
SECTION A–A



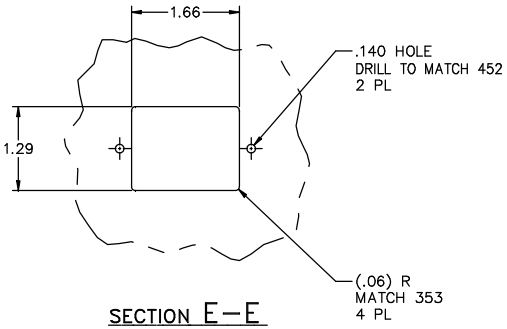
SECTION D–D
C/B REMOVED FOR CLARITY



SECTION C–C

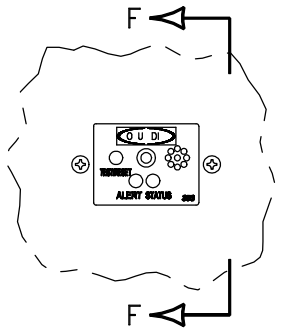


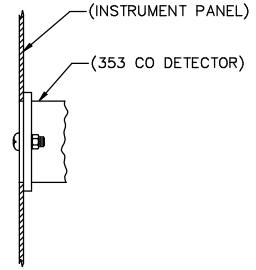
SECTION B–B



SECTION E–E
353 REMOVED FOR CLARITY

NOTE:
OPTIONAL FLUSH MOUNT INSTALLATION: MOUNT 353 CO DETECTOR BEHIND MOUNTING HOLE IN INSTRUMENT PANEL.



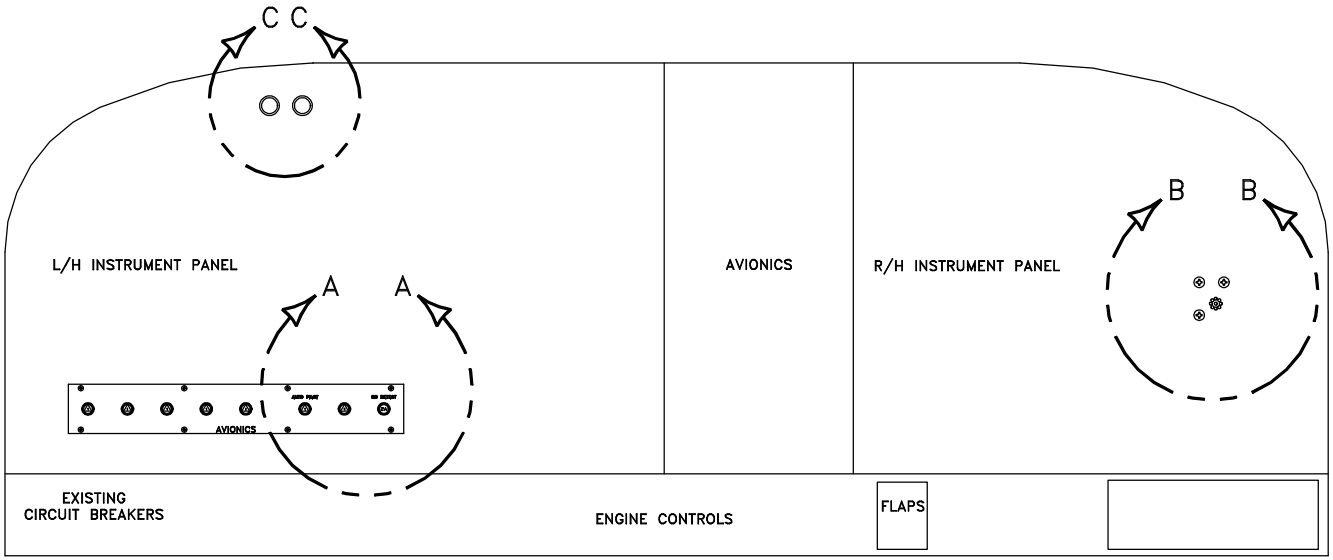


SECTION F–F
FWD

COGUARDIAN 1951 East Airport Drive Tucson, AZ 85706

TITLE: CO DETECTOR INSTL.

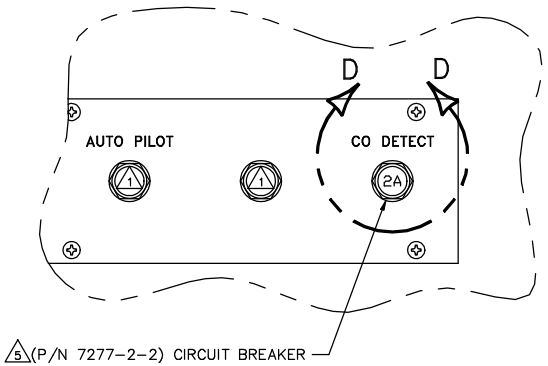
DRAWING NO. 353-001 | SH 2 OF 7 | REV A



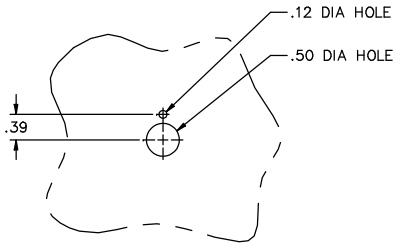
TYPICAL INSTRUMENT PANEL

VIEW LOOKING FWD

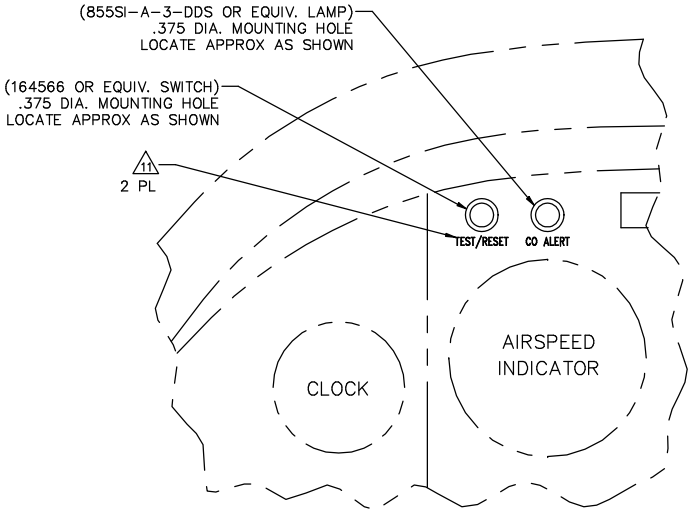
CO GUARDIAN 1951 East Airport Drive Tucson, AZ 85706		
TITLE: CO DETECTOR INSTL.		
DRAWING NO.: 353-001	SH 3 OF 7	REV A



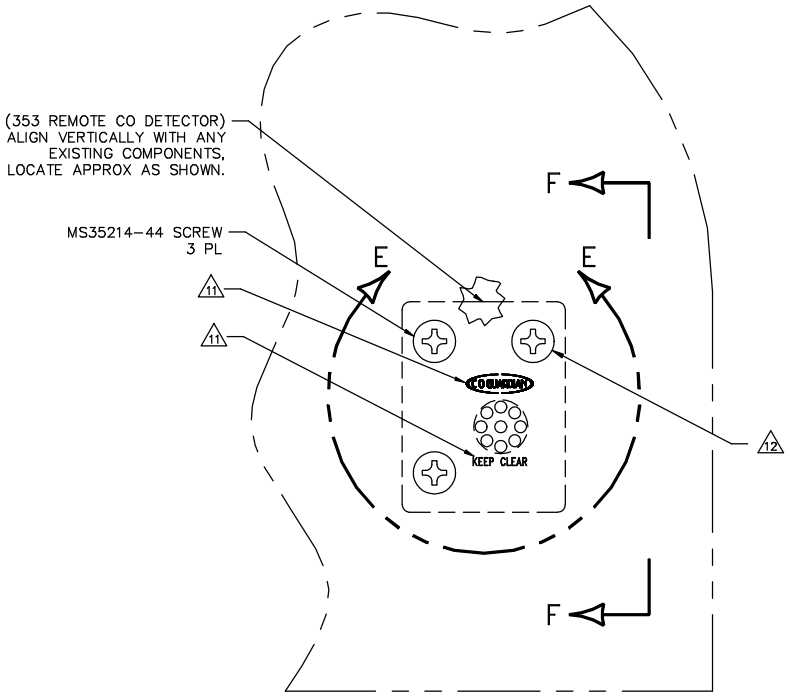
SECTION A–A



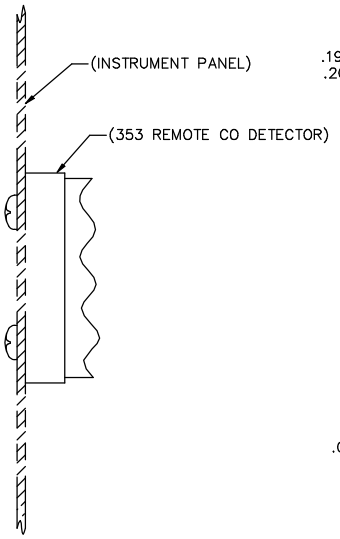
SECTION D–D
C/B REMOVED FOR CLARITY



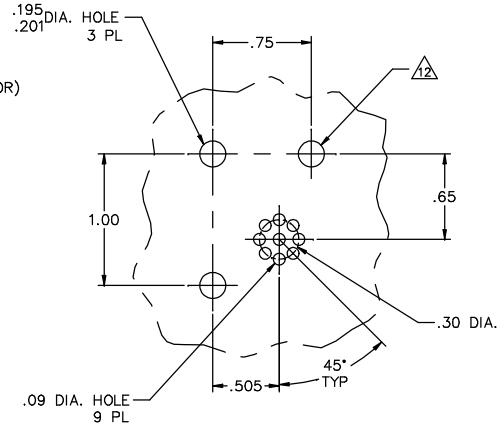
SECTION C–C



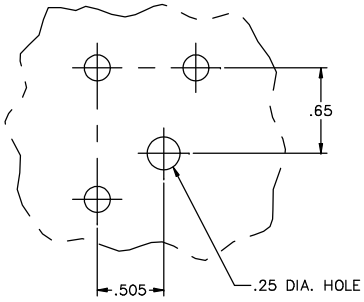
SECTION B–B



SECTION F–F
FWD



SECTION E–E
MOUNTING HARDWARE REMOVED FOR CLARITY

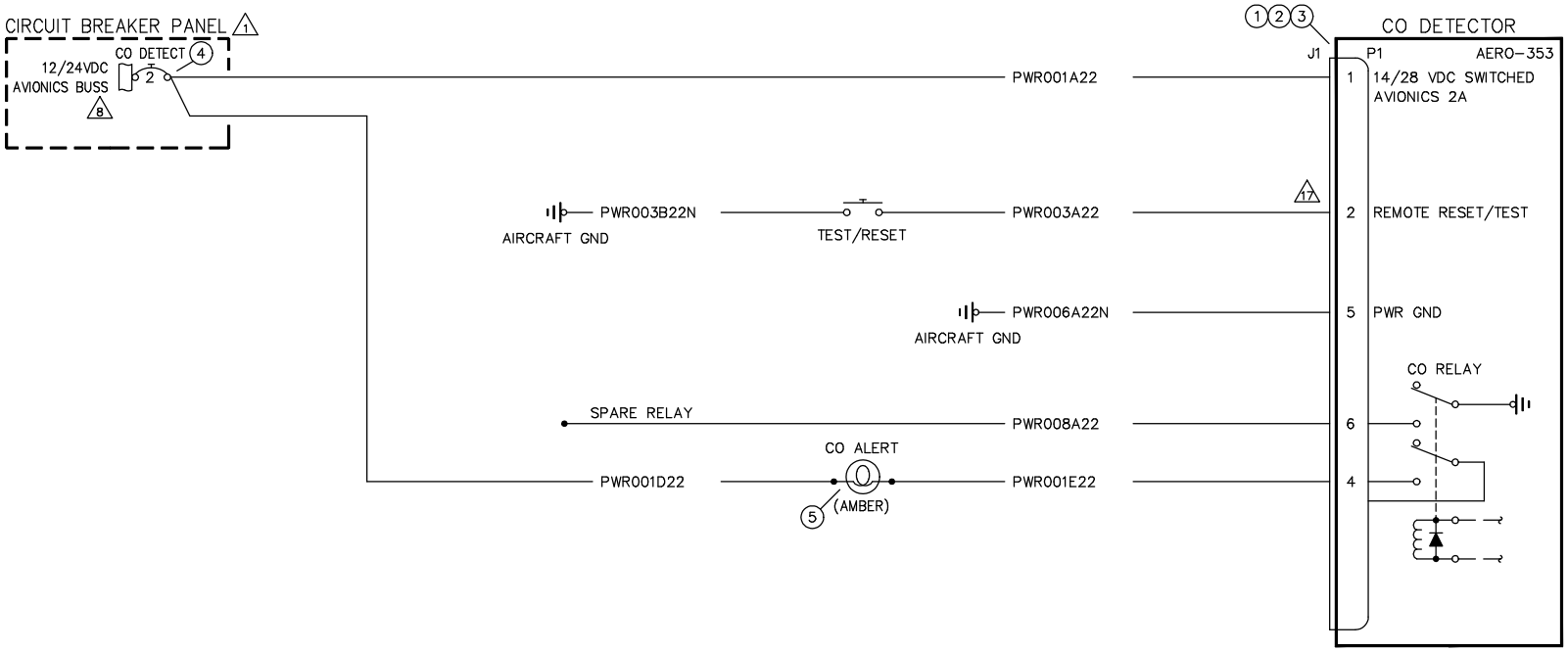


OPTIONAL HOLE PATTERN

COGUARDIAN 1951 East Airport Drive Tucson, AZ 85706

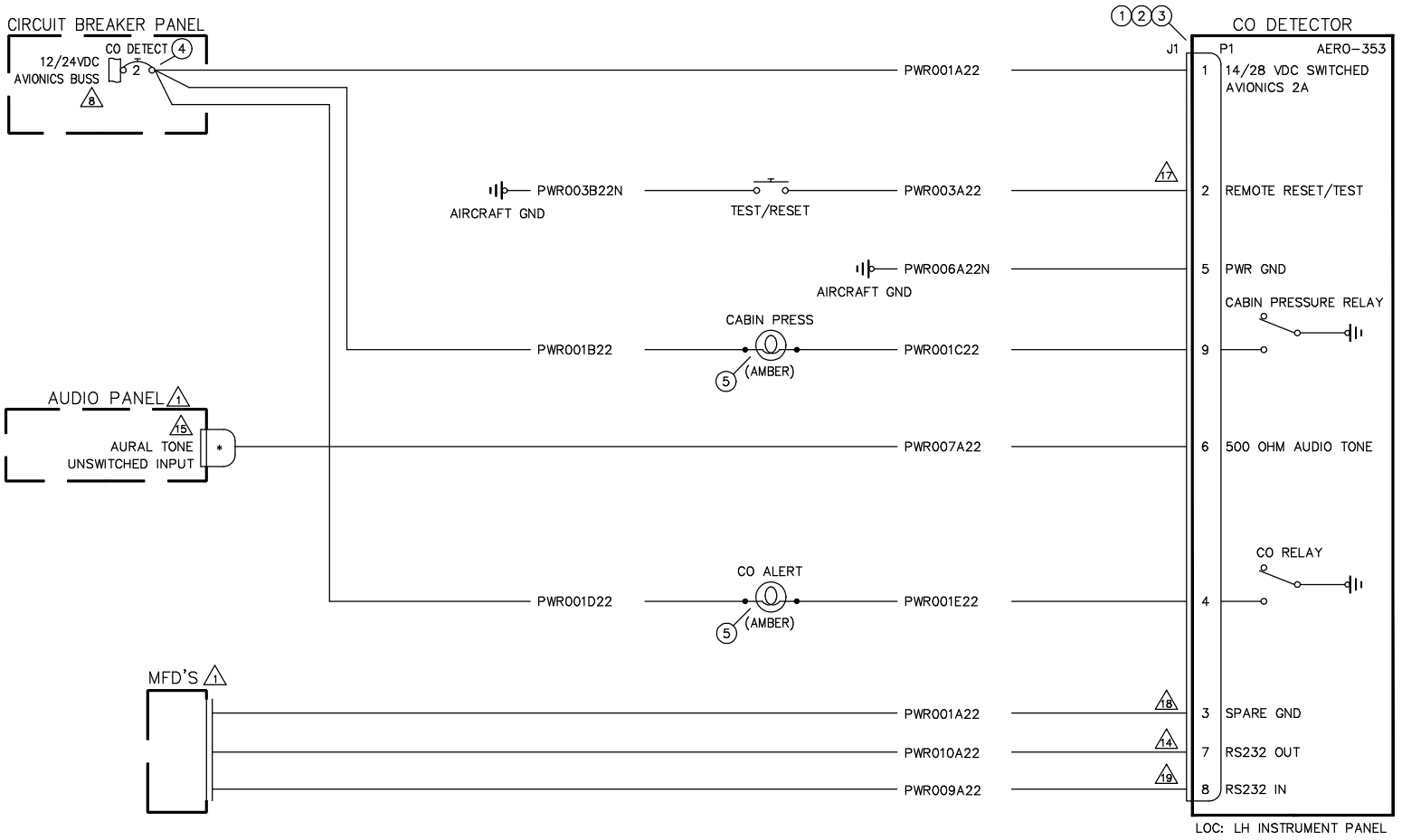
TITLE: CO DETECTOR INSTL.

DRAWING NO. 353-001 | SH 4 OF 7 | REV A



353-101 AND 353-201

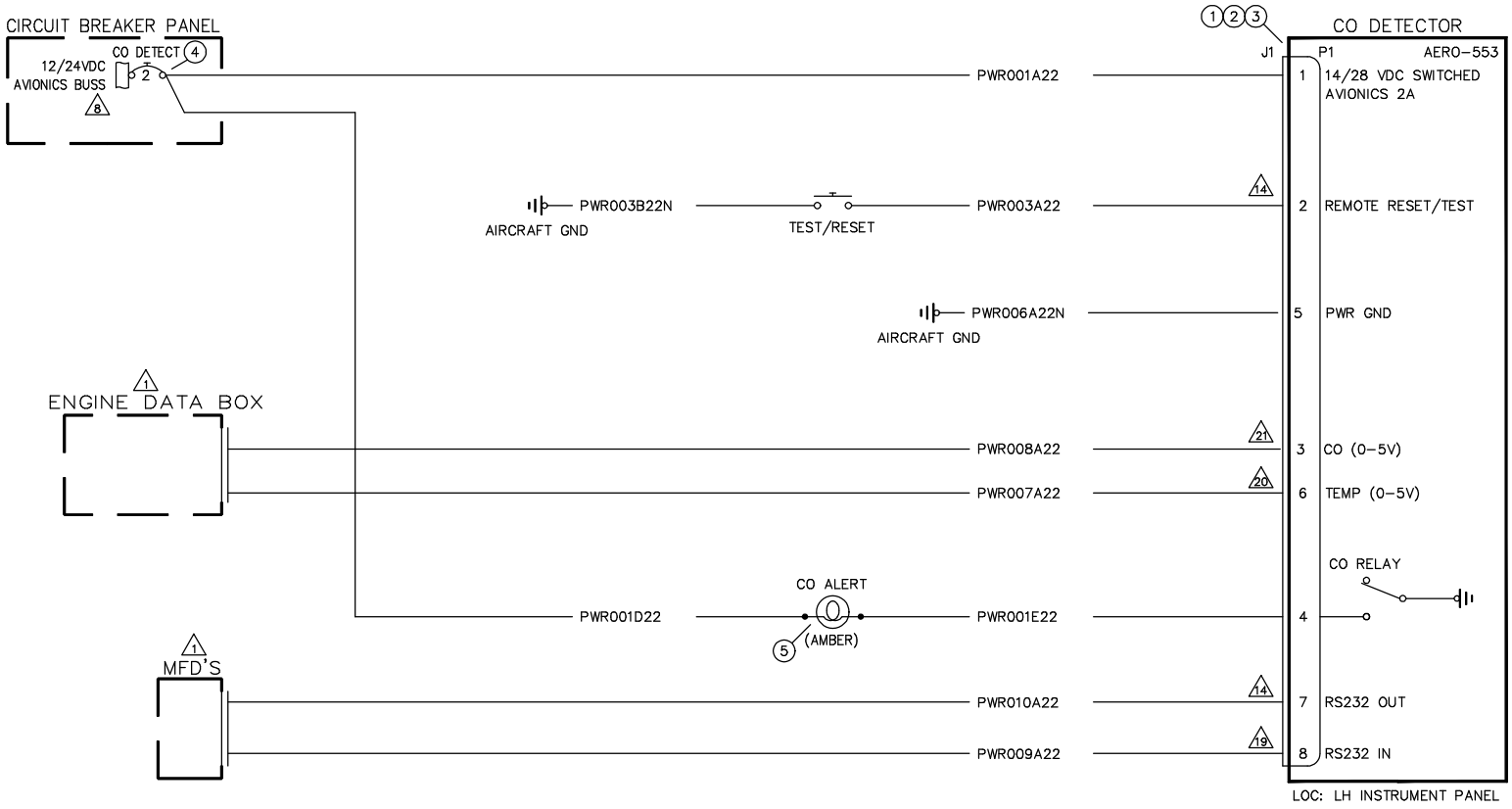
COGUARDIAN 1951 East Airport Drive Tucson, AZ 85706			
TITLE: CO DETECTOR INSTL.			
DRAWING NO.: 353-001	SH 5 OF 7	REV A	



C O DETECTOR INSTALLATION WIRING DIAGRAM

353P-101 AND 353P-201

COGUARDIAN	1951 East Airport Drive Tucson, AZ 85706	
TITLE: CO DETECTOR INSTL.		
DRAWING NO.: 353-001	SH 6 OF 7	REV A



C O DETECTOR INSTALLATION WIRING DIAGRAM

353N-101 AND 353N-201

COGUARDIAN	1951 East Airport Drive Tucson, AZ 85706
TITLE	CO DETECTOR INSTL.
DRAWING NO.	353-001
SH 7 OF 7	REV A