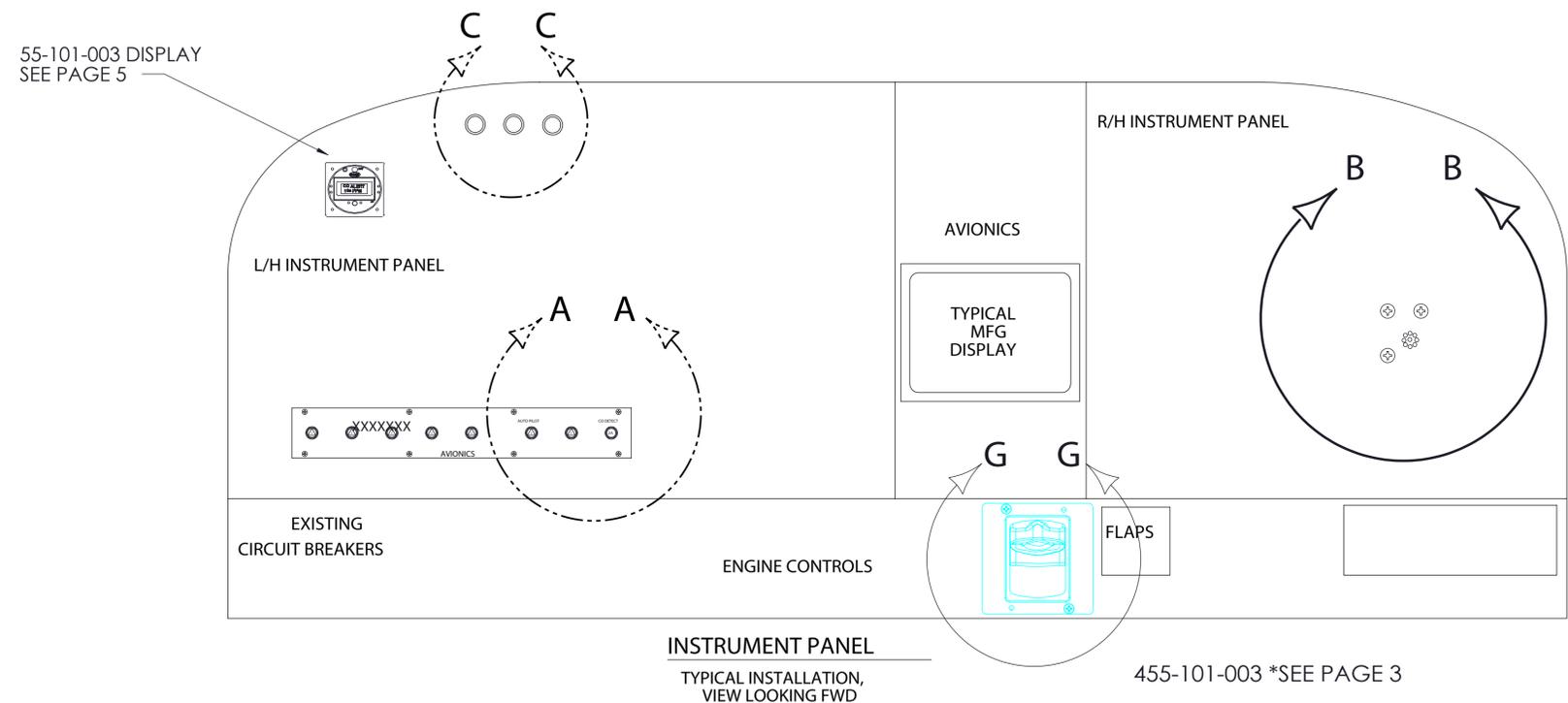


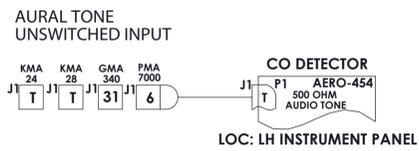
NOTES:

- 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 22 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 454-201 FOR INSTALLATION CRITERIA.
- 14. SEE MFG INSTALLATION MANUAL FOR RS-232 HOOKUPS (OPTIONAL).
- 15. SPARE GROUND USED BY GARMIN 900 AND G1000. SEE GARMIN INSTALLATION MANUAL AND SPO2 SENSOR.
- 16. MFD CONTROLLED BY RS232 REMOTE TEST/RESET.
- 17. UNIT CAN BE INSTALLED BEHIND INSTRUMENT PANEL OR OTHER AREAS WHERE A 1/2 SAMPLING AND MONITORING IS SUFFICIENT OR REQUIRED.
- 18. LIGHT LOCATION IN THE AREA OF PILOTS VIEW. CAN BE INTEGRATED TO MASTER CAUTION PANEL LIGHTS.
- 19. OPTIONAL LIGHTS.
- 20. 455-101-003 PULSE OXIMETER.
- 21. G1000 FAMILY - CONNECT EXTERNAL GROUND WIRE AS SOFTWARE RESET IS LOST FROM THE GIA63 DURING SETUP.

REVISIONS			
REV	DESCRIPTION	DATE	APVD
A	INITIAL RELEASE	5/6/11	
B	ADDED FLAGNOTES 21-22 AND PAGES 6 & 7	3/12/12	

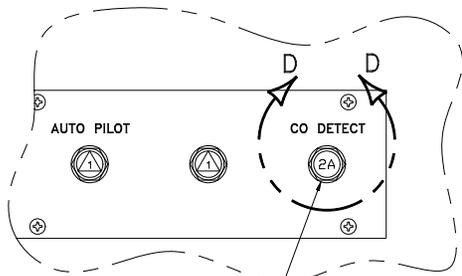


22 THE FOLLOWING IS A GUIDE FOR UNSWITCHED AUDIO PINOUTS. PINOUTS MUST BE VERIFIED WITH LATEST MANUFACTURING DRAWINGS.



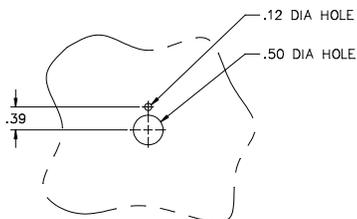
ITEM	QTY	PART NUMBER	DESCRIPTION	VENDOR
6	3	205204-1	9 PIN D-SUB	AMP
5	3	MS35214-44	SCREW	QPL
4			NOT USED	
3	1	855SI-A-3-DDS	LAMP	SOLAN
2	1	7277-2-2	CIRCUIT BREAKER	KLIXON
1	1	454-***	C O DETECTOR	C O GUARDIAN

<p>PROPRIETARY NOTICE</p> <p>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.</p>	<p>RIVET CODES PER NASS23 BB = MS20426AD BJ = MS20470AD</p>	<p>APPROVALS</p> <p>DESIGN: J. LARIOS</p> <p>DRAWN: A. VIJ</p> <p>CHECK: A. VIJ</p>		<p>DATE</p> <p>5/6/11</p> <p>5/6/11</p>	<p>UNLESS OTHERWISE NOTED ALL DIM ARE IN INCHES</p> <p>TOLERANCES</p> <p>.XXX ±.010 ANGLES ±1/2°</p> <p>.XX ±.03</p> <p>X ±.1</p>	<p>C O GUARDIAN</p>	
	<p>UNLESS OTHERWISE NOTED: ALL BEND RAD TO BE 3 x MATL THICKNESS</p>	<p>INSP.</p> <p>PROJ.</p> <p>REL.</p>	<p>FINISH</p> <p>NONE</p>	<p>TITLE</p> <p>CO DETECTOR INSTL.</p>			
	<p>DASH</p> <p>NEXT ASSY</p>	<p>SCALE</p> <p>NONE</p>	<p>DRAWING NO.</p> <p>454-202</p>	<p>SH OF</p> <p>1 6</p>			<p>REV</p> <p>B</p>
	<p>DATE</p> <p>5/6/11</p>		<p>SCALE</p> <p>NONE</p>				<p>DRAWING NO.</p> <p>454-202</p>

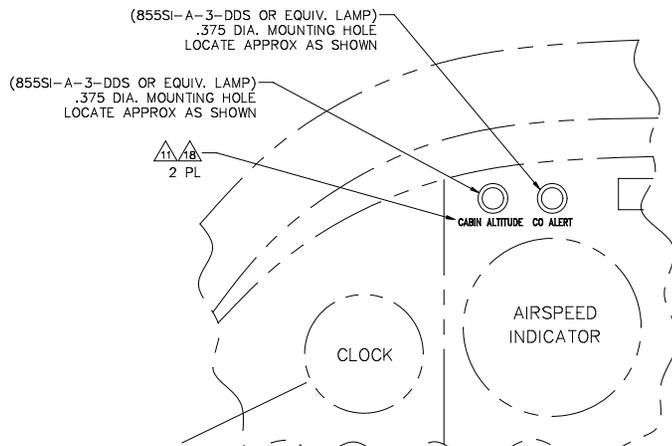


▲ (P/N 7277-2-2) CIRCUIT BREAKER
 ▲ (P/N 7277-1-1) CIRCUIT BREAKER

SECTION A-A

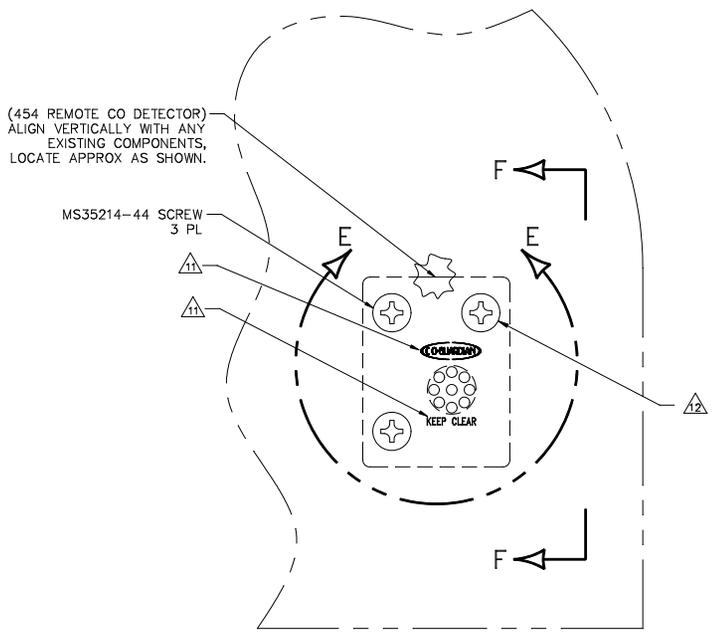


SECTION D-D
C/B REMOVED FOR CLARITY

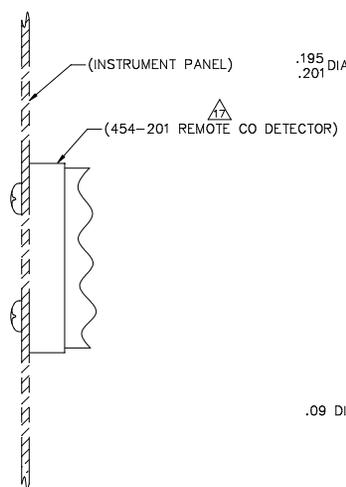


55-101-003 DISPLAY

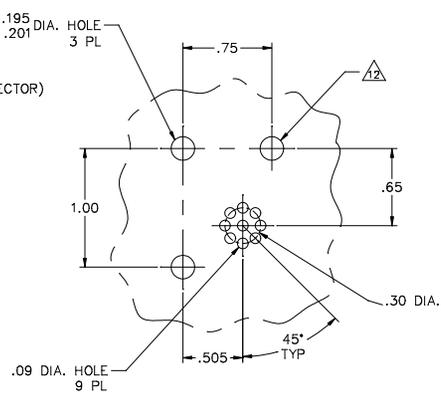
SECTION C-C



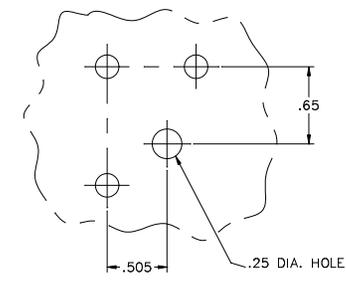
SECTION B-B



SECTION F-F
FWD



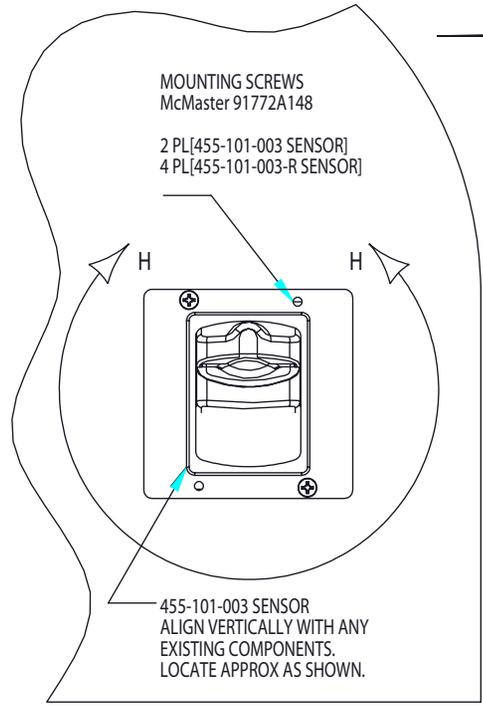
SECTION E-E
MOUNTING HARDWARE REMOVED FOR CLARITY



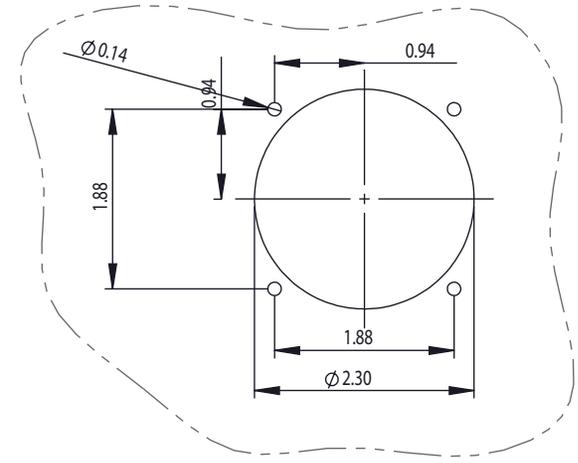
OPTIONAL HOLE PATTERN

C O GUARDIAN		1881 East Airport Drive Tucson, AZ 85706	
TITLE CO DETECTOR INSTL.			
DRAWING NO.	454-202	SH	REV
		2	6
		OF	B

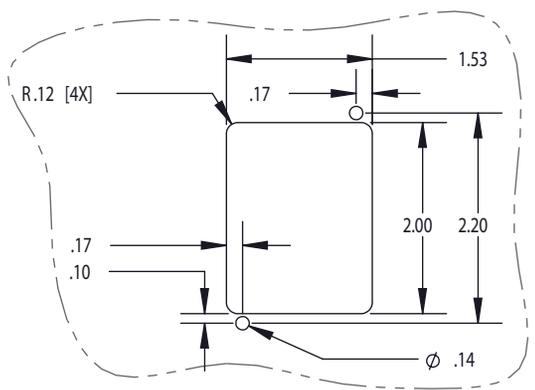
455-101-003 SPO2 SENSOR



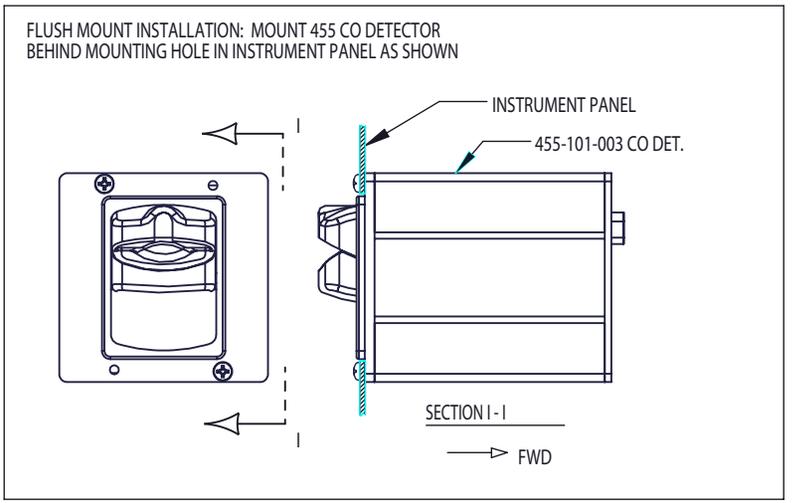
SECTION G - G



Optional 2.25" Round Hole Mount
455-101-003R AND FOR 55-101-003



455-101-003
SECTION H - H
455-101-003 REMOVED FOR CLARITY



1951 EAST AIRPORT DR.
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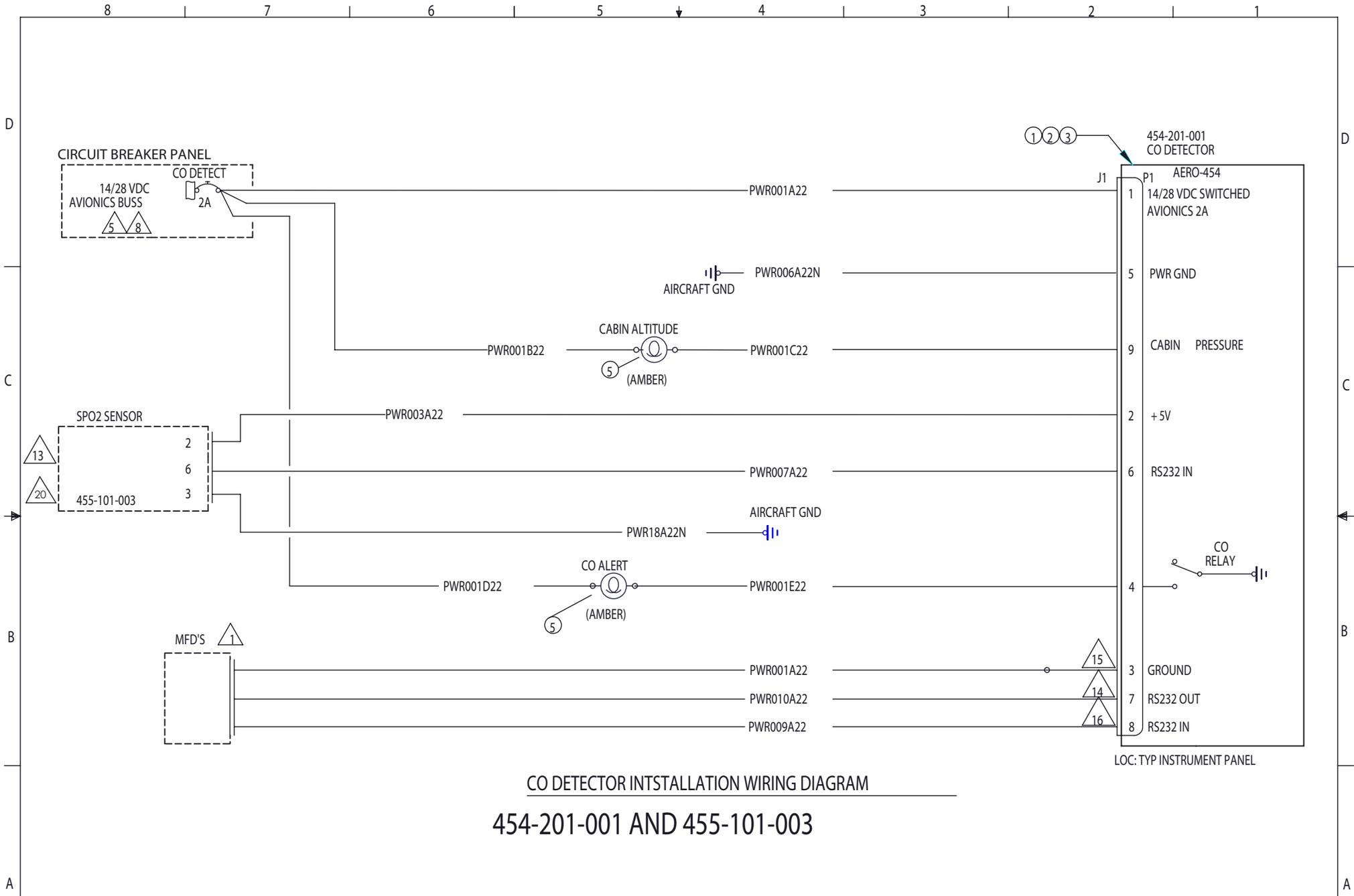
DO NOT SCALE DRAWING		± 1°
TOLERANCES UNLESS OTHERWISE SPECIFIED:		
METRIC	IMPERIAL	ANGLES
X ± 1.00mm	.X	± .05°
.X ± 3mm	.XX	± .01°
.XX ± .1mm	.XXX	± .005°

DESIGN: J. LARIOS	APPROV: A. VIJ [5-6-11]
SCALE: N/A	DWG # 454-202

DRAWING NAME: CO DETECTOR INSTL.
REVISION B

NEXT ASSY 454-100

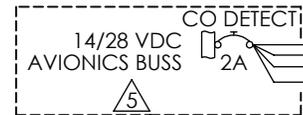
SHEET: 3 of 6



CO DETECTOR INTSTALLATION WIRING DIAGRAM
454-201-001 AND 455-101-003

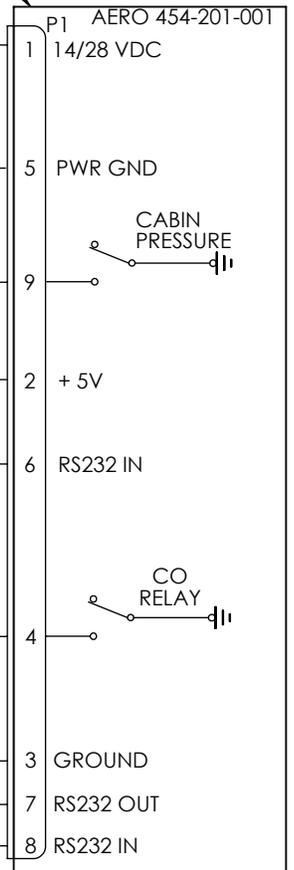
 1951 EAST AIRPORT DR. TUCSON, AZ 85756-6902	© COPYRIGHT CO GUARDIAN LLC THE INFORMATION IN THIS DRAWING IS CONFIDENTIAL AND IS THE INTELLECTUAL PROPERTY OF CO GUARDIAN LLC. REPRODUCTION IN WHOLE OR IN PART WITHOUT WRITTEN PERMISSION OF CO GUARDIAN LLC IS PROHIBITED.	DO NOT SCALE DRAWING TOLERANCES UNLESS OTHERWISE SPECIFIED: METRIC IMPERIAL ANGLES X ± 1.00mm .X ± .05° .X ± 3mm .XX ± .01° .XX ± .1mm .XXX ± .005°		DESIGN: B. FALK [2-1-10]	APPROV: A. VIJ [2-4-10]	DRAWING NAME: SPO2-CO Sensor Installation		
		SCALE: N/A	DWG #: 455-001	REVISION B	NEXT ASSY	SHEET: 4 of 6		

CIRCUIT BREAKER PANEL



①②③

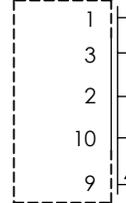
CO DETECTOR



SPO2-CO DETECTOR



55-101-003



AVIONICS GROUND

SPO2/CO DETECTOR INSTALLATION WIRING DIAGRAM
454-201-001, 455-101-003, AND 55-101-003 INSTALLATION

LOC: TYP INSTRUMENT PANEL



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DO NOT SCALE DRAWING
TOLERANCES UNLESS
OTHERWISE SPECIFIED:
METRIC IMPERIAL ANGLES
X ±1.00mm .X ±.05"
.X ±.3mm .XX ±.01" ±1°
.XX ±.1mm .XXX ±.005"

DESIGN:
J.LARIOS [5-6-11]

APPRVD:
A. VIJ [5-6-11]

DRAWING NAME:
CO Detector Installation

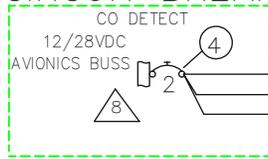
SCALE: N/A
DWG #: 454-202

REVISION
B

NEXT ASSY
454-100

SHEET:
5 of 6

CIRCUIT BREAKER PANEL



AUDIO PANEL

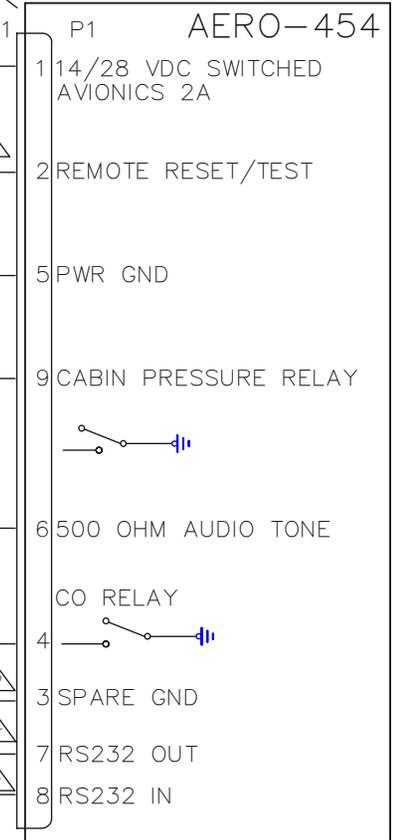


MFD'S



1 2 3

CO DETECTOR



BEHIND INSTRUMENT PANEL

PWR003B22N
AIRCRAFT GND

TEST/RESET

PWR006A22N
AIRCRAFT GND

CABIN PRESS

(AMBER)

CO ALERT

(AMBER)

C O DETECTOR INSTALLATION WIRING DIAGRAM

454-201-002B

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TITLE
CO DETECTOR INSTL.

DRAWING NO. 454-202 SH 6 OF 6 REV B