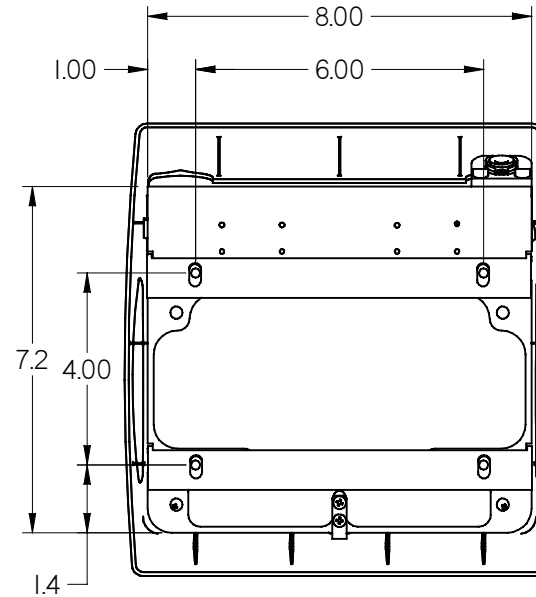
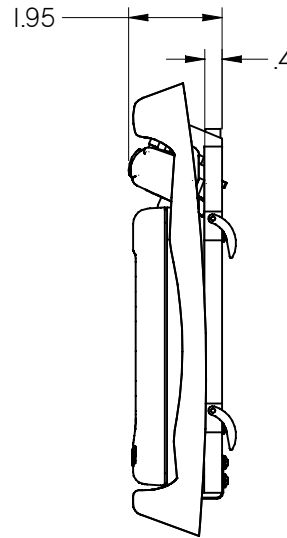
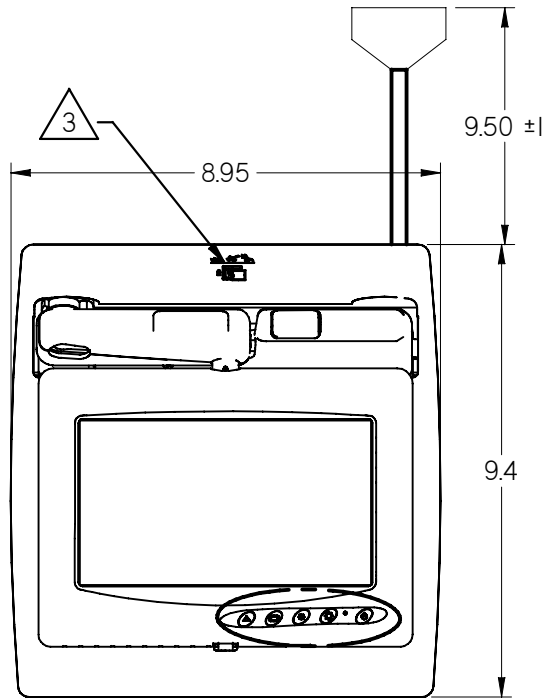
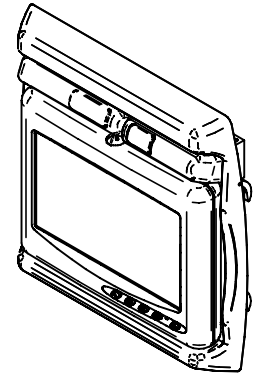


NOTES: (unless otherwise specified)

1. COMPONENT WEIGHT: 3.75 LBS. ±5%
2. LABELS, SHIPPING PACKAGE, AND SOME MINOR PARTS OMITTED FROM SOME DRAWING VIEWS FOR CLARITY.
3. REFER TO DRAWINGS 0500-001 AND 9002583 FOR PLACEMENT AND PLACARD INFORMATION. PLACARD NOT SHOWN IN ALL VIEWS.

REVISIONS						
ZONE	REV	DESCRIPTION	DATE	BY	CHG NO	APRV
-	A	INITIAL DRAWING RELEASE	12/09/05	GJH	EC05025	-
	B	ADD VIEWS AND CONNECTOR INFO pg 4	03/06/06	GJH	EC06053	SDS

FOR REFERENCE ONLY

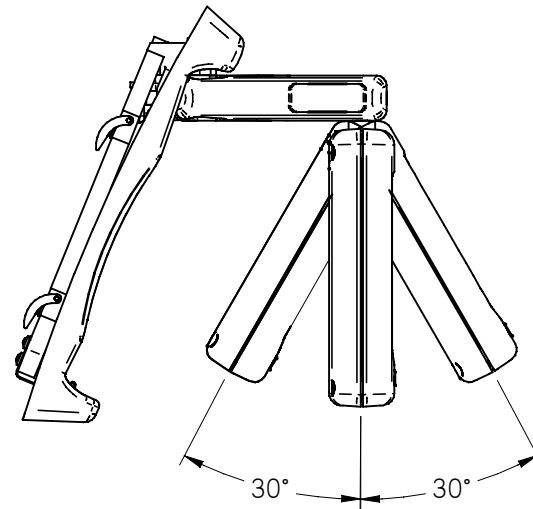
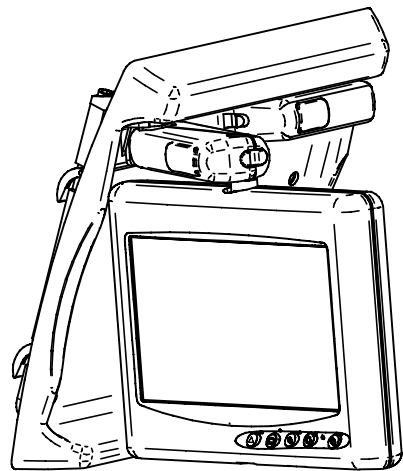
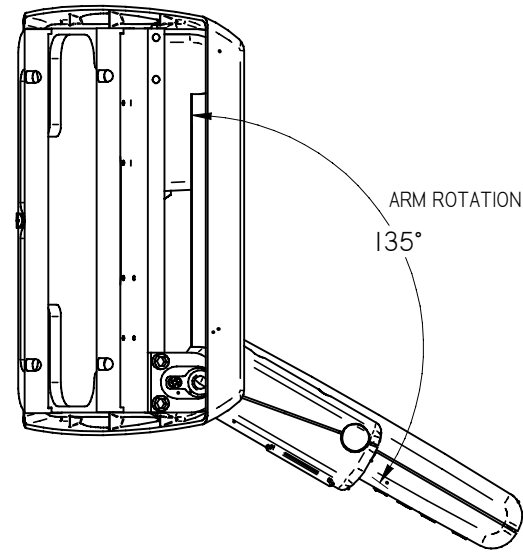
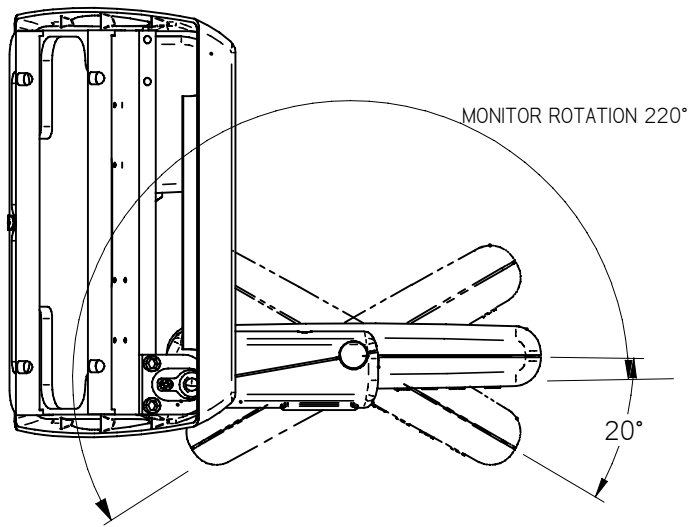


A - SEE SHEET 4

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Rosen AVIATION 1020 OWEN LOOP SOUTH EUGENE, OREGON 97402 TEL: (541) 342-3802 FAX: (541) 342-4912	APPROVALS	INITIAL	DATE
	DRAWN BY	GJH	12/09/05
TITLE OUTLINE AND INSTALLATION w / SELECT SWITCH	CHECKER	SC	12/08/05
	ENGINEER	SDS	12/09/05
DWG NO 7001-008-CD	SIZE A	REV B	
FIRST CALLED FOR: (FCF) 7" WIDESCREEN SIDEWALL	SCALE 1:4	SHEET 1	OF 4

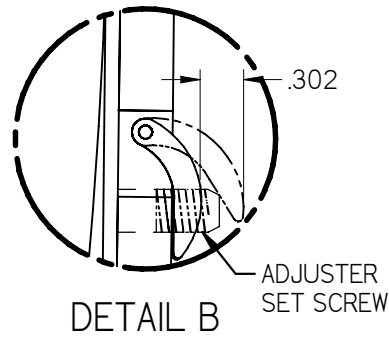
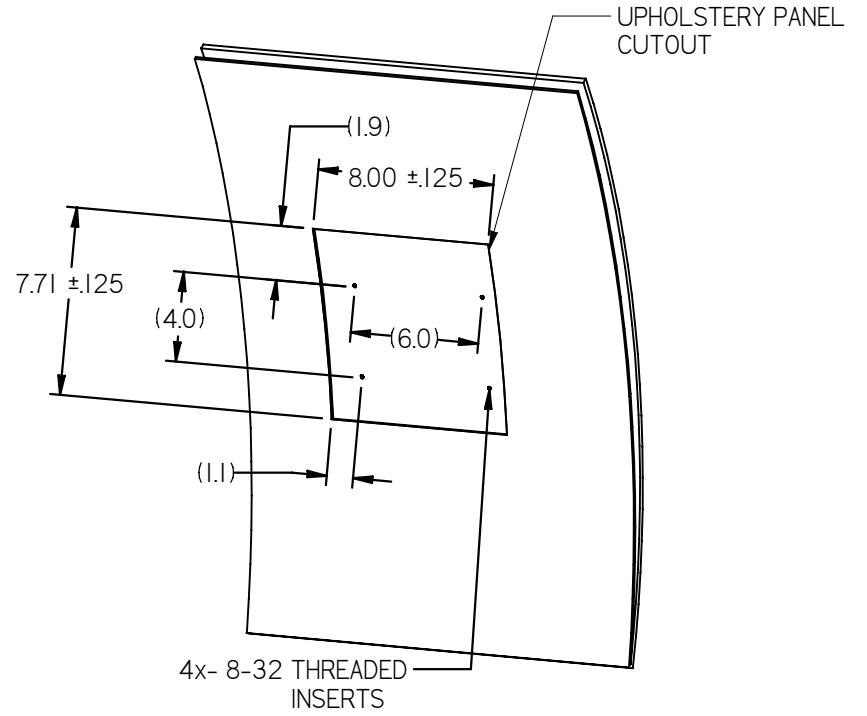
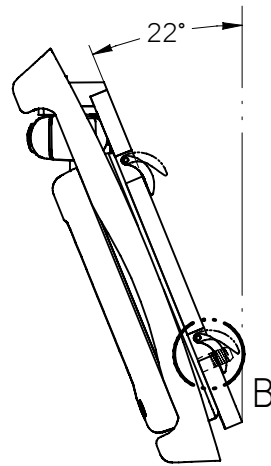
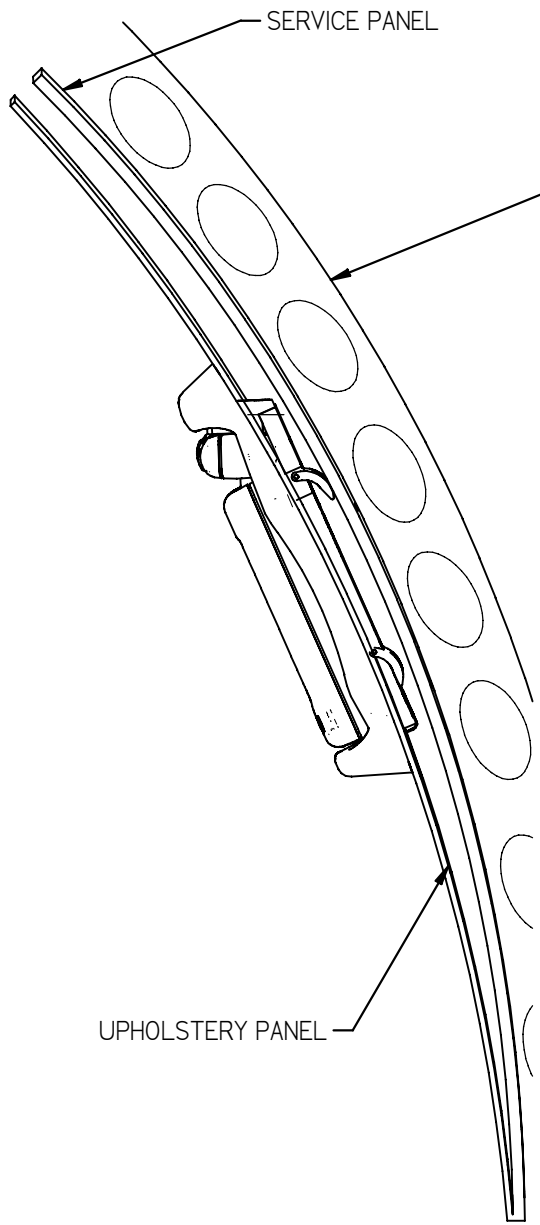
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
 .XX = ± .03
 = ± 3.0°
 INTERPRET DIM AND TOL PER ASME Y14.5M - 1994



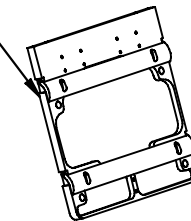
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		A	7001-008-CD	B
SCALE NONE		SHEET 2 OF 4		

TYPICAL INSTALLATION



ACCESS ADJUSTER SCREWS FROM FRONT OF MOUNTING PLATE



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		SCALE NONE	SHEET 3 OF 4	

Performance Specifications (Reference)

LCD Performance

Screen Resolution (pixels)	480 x 234
Video Standards supported	NTSC
Display Viewing Area (in)	6.07 x 3.43
Vertical Viewing Angle	+45°(up), -60°(down)
Horizontal Viewing Angle	±60°
Contrast Ratio	60 MIN
Backlight Lamp Life	10,000 hours
Screen Brightness	350 cd/m ² typ 260 cd/m ² min

Power Requirements

Nominal Voltage	28VDC
Nominal Current	.31 A
Current Max	.40 A

Environmental Specifications

Operating Temperature	0°C - 60°C
Altitude	15,000ft
Humidity	95%RH
Vibration	1.48 grms
Power Input	DO-160D Cat AB
RF Susceptibility	DO-160D Cat TT
Emission of RF Energy	DO-160D Cat B

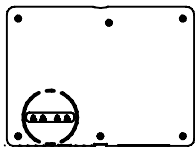
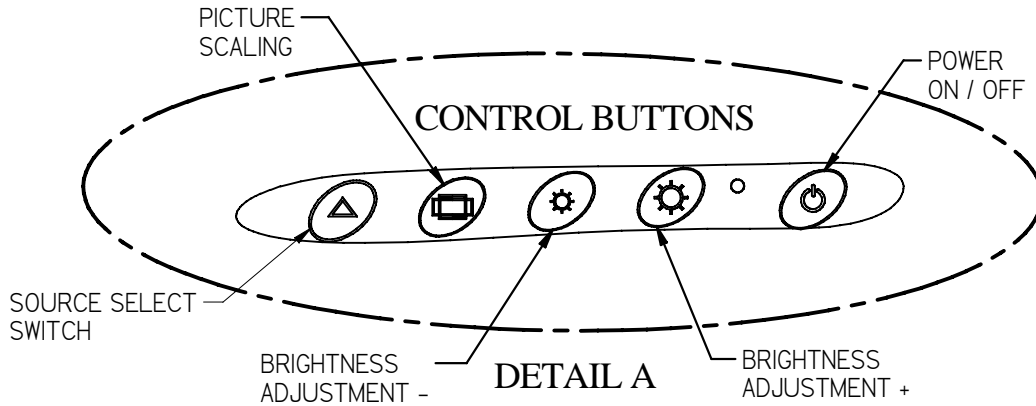
MTBF Prediction

1,785 hours

Main Connector Pinout

Connector: 5W1 COMBO-D MALE
ITT Cannon - DEME5W1PK87
Coax Contact: ITT Cannon - D130322-2
Mate: 5W1 COMBO-D FEMALE
ITT Cannon - DEMM5W1S
Mating Coax Contact: ITT Cannon - D130344-1

Pin #	Monitor signal
1	SELECT SWITCH RETURN
2	+28VDC
3	SELECT SWITCH
4	DC RETURN
A1 SIGNAL	VIDEO SIGNAL
A1 SHIELD	VIDEO RETURN
SHELL	CHASSIS GROUND



C - VIEW LOOKING AT MONITOR'S BACK CASE.
CONTROLS LOCATED UNDER ADHESIVE COVER.



DETAIL C

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		A	7001-008-CD	B
SCALE NONE		SHEET 4 OF 4		