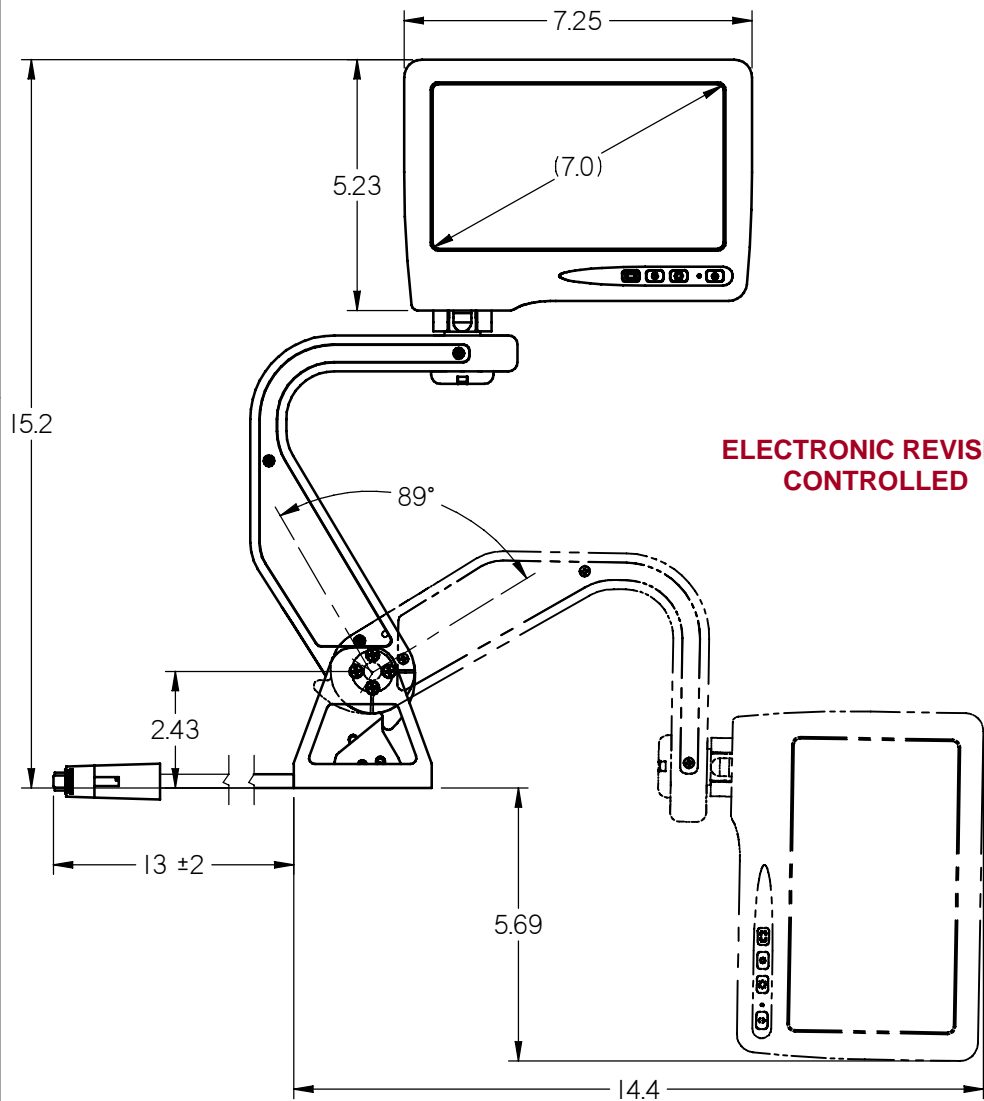
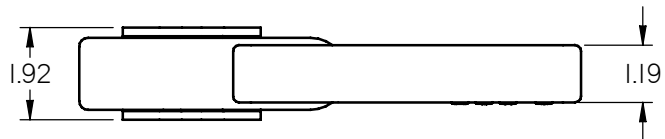


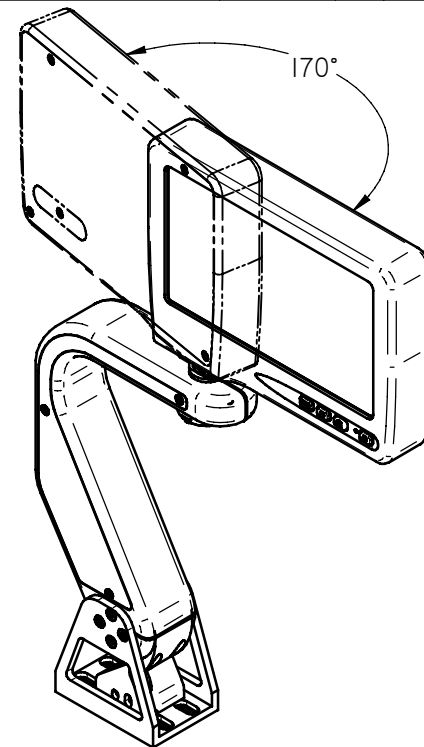
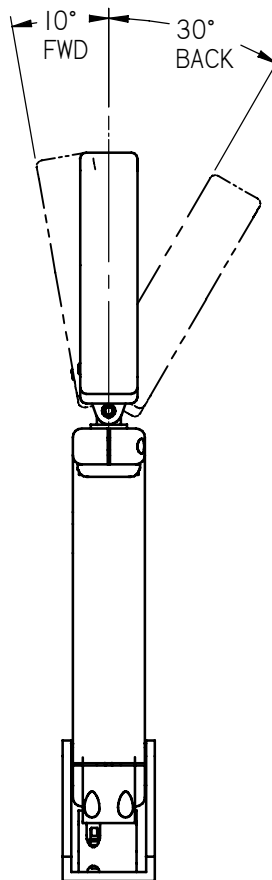
NOTES: (unless otherwise specified)

1. MATERIALS: SEE SEPARATE BOM
2. COMPONENT WEIGHT: 4.2 LBS. MAX
3. LABELS, SHIPPING PACKAGE, AND SOME MINOR PARTS OMITTED FROM DRAWING FOR CLARITY.
4. CONNECTOR KIT 0300-022, SUPPLIED

REVISIONS						
ZONE	REV	DESCRIPTION	DATE	BY	CHG NO	APRV
-	A	PRODUCTION RELEASE	04/29/02	JEA	02330	-
-	B	CHANGE TLA PART NUMBER TO MODEL NUMBER, UPDATE BORDER	05/19/03	JEA	03071	JW
-	C	ADD CONN KIT 0300-022 TO BOM	05/10/04	GJH	04124	JW
A2	D	RECONFIGURE BOM, CHG ANGLE TOL FROM 3° TO 5°	05/17/05	GJH	05111	JW
	F	CHG TO AW HARNESS	09/18/06	GJH	EC06196	JW
	G	REPLACE ARM TO USE 9200-0130-001	08/02/07	DRF	EC07319	DRF



**ELECTRONIC REVISION CONTROLLED**



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<b>ROSEN AVIATION</b> 1020 OWEN LOOP SOUTH EUGENE, OREGON 97402 TEL: (541) 342-3802 FAX: (541) 342-4912	APPROVALS	INITIAL	DATE
	DRAWN BY	JEA	04/29/02
	CHECKER	JW	05/15/02
	ENGINEER	CT	05/16/02
TITLE	DWG NO		
LEFT MOUNT, RGD9L ARM	7000-120		
FIRST CALLED FOR: (FCF)	SIZE	REV	
7" WIDESCREEN	A	G	
	SCALE	SHEET	1 OF 2
	1 : 4		

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES  
 .X = ± .1  
 .XX = ± .03  
 ∠ = ± 5°  
 INTERPRET DIM AND TOL PER ASME Y14.5M - 1994

## 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/m2 typ 260 cd/m2 min

### Power Requirements

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

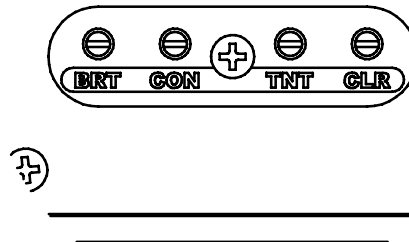
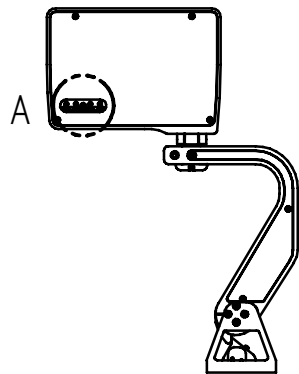
### Environmental Specifications

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 TTT
Emission of RF Energy	DO-160D Cat B

<b>MTBF Prediction</b>	1,785 hours
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## DB9 Pinout

Connector: 9 Pin Male D-Subminiature Positronic SDM0000Z	
Mate: 9 Pin Female D-Subminiature Positronic SD9F0000X	
Pin #	Monitor signal
1	Chassis Ground
2	+28V DC
3	DC Return
4	Connected to pin 5
5	Connected to pin 4
6	Reserved
7	Video Signal Input
8	Video Ground
9	Reserved



## Notes:

\*\* FINE TUNING ADJUSTMENT OF DISPLAY AVAILABLE BY REMOVING ACCESS PANEL ON BACK OF MONITOR (DETAIL A).

DETAIL A \*\*

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<b>ROSEN AVIATION</b>	1020 OWEN LOOP SOUTH EUGENE, OREGON 97402 TEL: (541) 342-3802 FAX: (541) 342-4912	SIZE A	DWG NO 7000-120	REV G
SCALE NONE		SHEET 2 OF 2		