

DATE	SYM	REVISION RECORD	AUTH	DR	CK
11-20-03	B	DCN 2329	DQ	RJ	CL
04-26-05	B	DCN 2576	DF	CL	GW
06-24-05	B	DCN 2604	<i>wpm</i>	<i>df</i>	<i>DE</i>

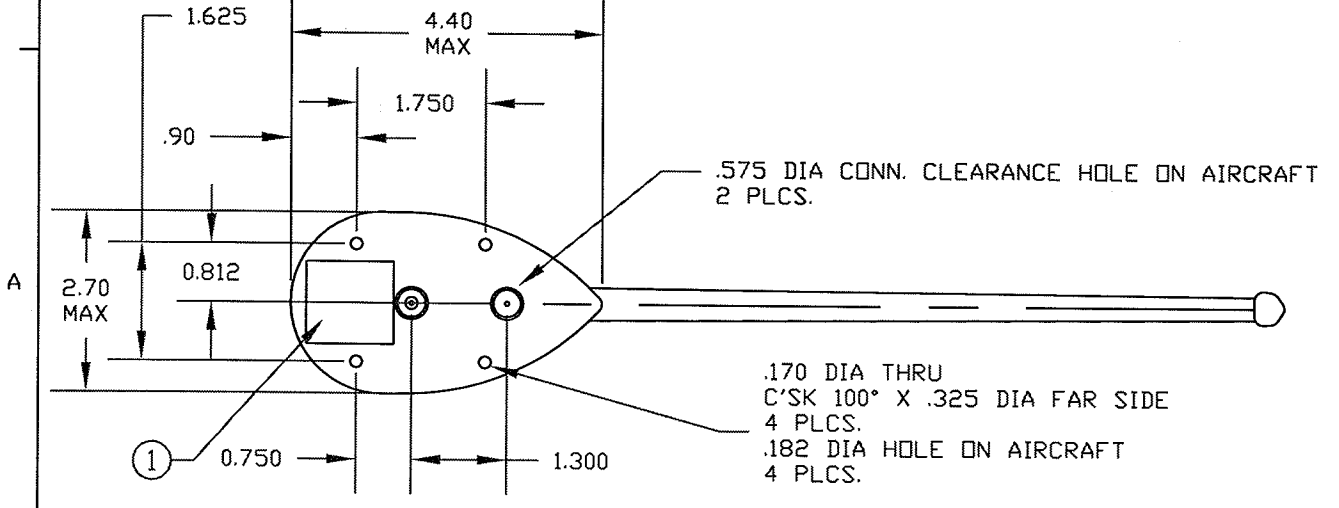
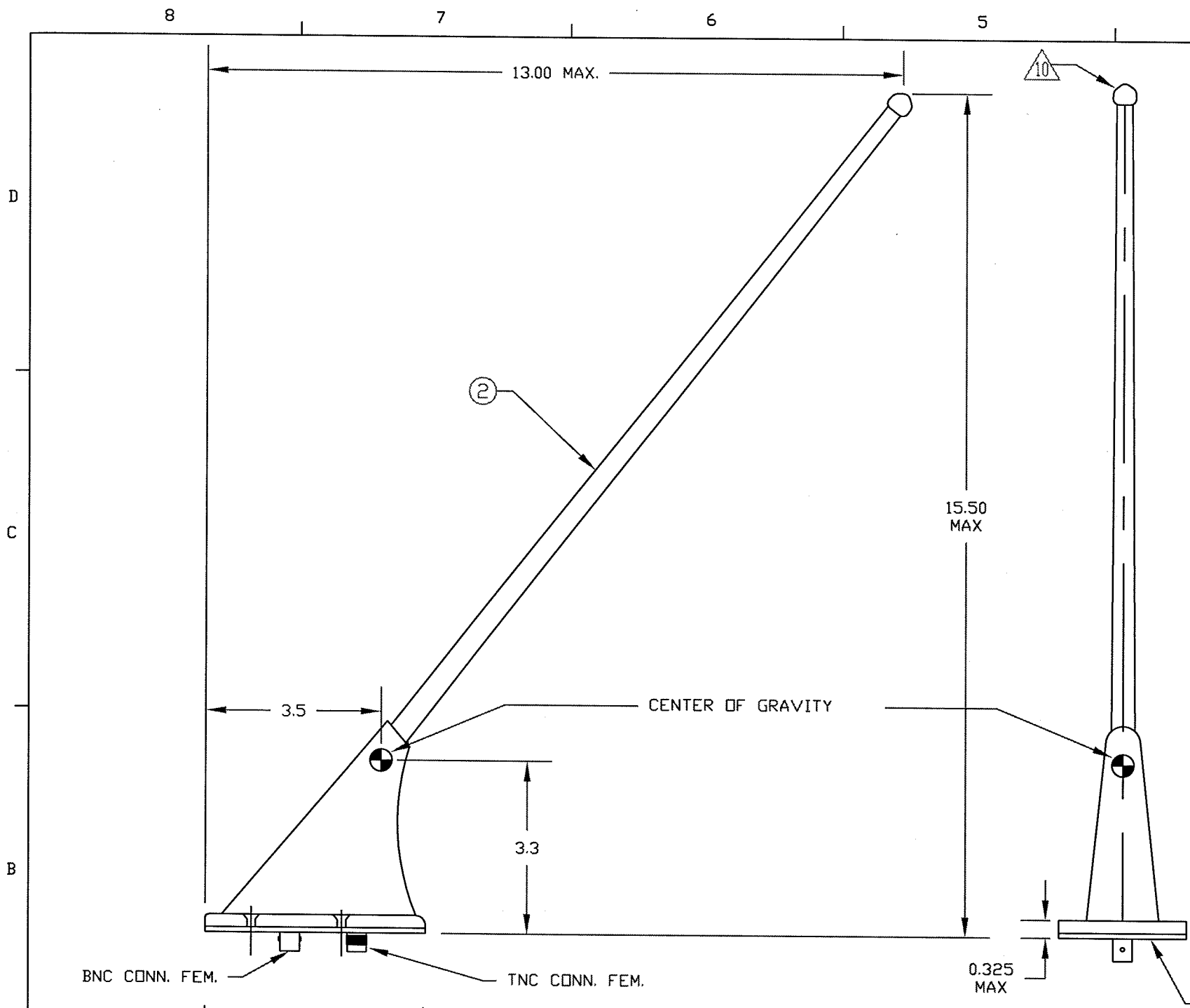
**NOTES:**

1. RF CHARACTERISTICS
 

1.1 FREQUENCY	121.5, 243, AND 406 MHz
1.2 VSWR	2.0:1 MAX FOR 121.5/243 MHz 1.5:1 MAX FOR 406 MHz
1.3 POLARIZATION	VERTICAL
1.4 POWER RATING	25 WATTS
1.5 RADIATION PATTERN	OMNI-DIRECTIONAL
1.6 IMPEDANCE	50 OHMS NOMINAL
1.7 ISOLATION	10dB BETWEEN PORTS
2. FINISH: WHITE GLOSSY, NON-YELLOWING PAINT.
3. MOUNTING SURFACE, CONNECTOR AND MOUNTING HOLES ARE FREE OF PAINT.
4. WEIGHT: .45 LBS.
5. AIR SPEED RATING: 350 KNOTS TAS @ 25,000 FT.
6. CONNECTOR: BNC(F) FOR 121.5, 243 MHz  
TNC(F) FOR 406 MHz
7. DRAG: 2.9LBS MAX @ 350 KNOTS, 25,000 FT.
8. RECESSED TUNING SCREW WITH B-LAM SEALING FLUSH WITH THE BASE OF THE ANTENNA.
9. GASKET OPTIONAL: 280-0320
10. VINYL TIP, WHITE AFFIXED WITH ADHESIVE.
11. APPLY LABEL (ITEM 1) OVER MANUFACTURER'S LABEL AS SHOWN.

**INSTALLATION INSTRUCTIONS:**

1. MOUNT ANTENNA USING #8-32 STAINLESS MACHINE SCREWS AND ASSOCIATED HARDWARE AND TORQUE TO 20 IN-POUNDS (MAX).



TOLERANCE TABLE	
UNLESS OTHERWISE SPECIFIED	.XX ±.03
TOLERANCES ARE:	.XXX ±.010
	.XXXX ±.0050
	XX* ±1*
UNLESS OTHERWISE SPECIFIED	DIMENSIONS ARE IN INCHES & PER ASME Y14.5M

REVISION HISTORY ON SHEET 1

PROPRIETARY INFORMATION  
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ITEM	PART NO.	REV	DESCRIPTION	QTY
2	870-0317	B	ANTENNA, CI-317 RD	1
1	591-0317	-	LABEL, CI-317 RD ANT.	1

**ARTEX AIRCRAFT SUPPLIES, INC.**  
14405 KEIL ROAD NE, AURORA, OR. 97002

SCALE: NONE  
APPROVED BY: *Wendell Neumaier*  
REVISED BY: DF  
ORG. DR. BY: RJ  
ORG. DATE: 05-26-98  
REV. DATE: 06-24-05

**TRI-BAND ROD ANTENNA**

SIZE **B** SHEET 1 OF 1 DRAWING NUMBER: 110-320 REV. B