

THIS DOCUMENT AND THE DATA DISCLOSED HEREIN OR HEREWITH IS PROPERTY OF AND BELONGS TO ACR ELECTRONICS, INC. FT LAUDERDALE FL. IT IS FURNISHED IN CONFIDENCE SOLELY FOR INFORMATIONAL PURPOSES. IT IS NOT TO BE REPRODUCED, USED OR DISCLOSED IN WHOLE OR IN PART TO ANYONE WITHOUT THE PERMISSION OF ACR ELECTRONICS, INC.

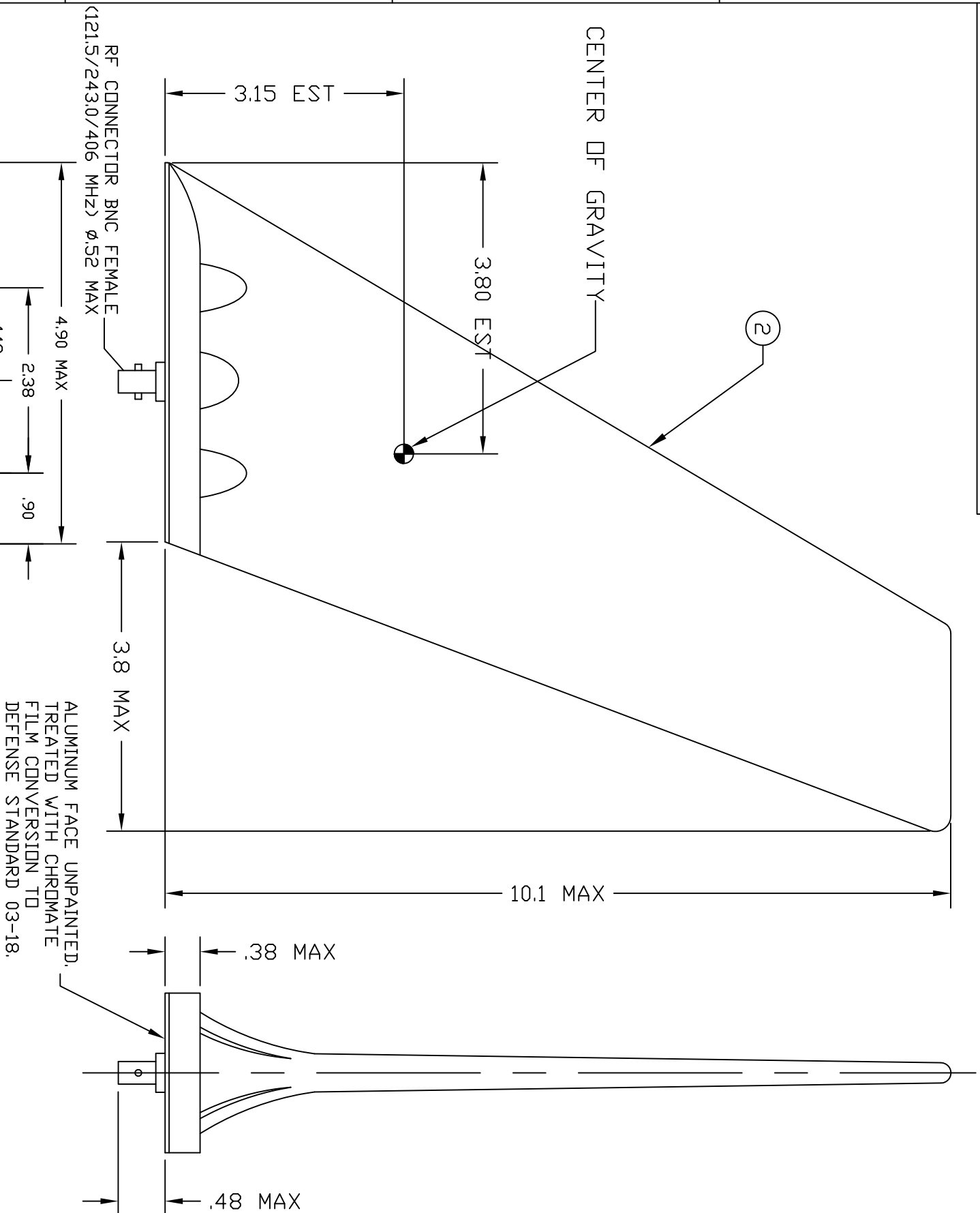
DATE	SYM	REVISION RECORD	AUTH	DR
12-01-04	-	DCN 2515	V/DN	DF
03-07-05	-	DCN 2551	DA	RB
01-04-10	-	DCN 3566	V/DN	DA
09-28-11	A	ECD 14818	ME	CW

NOTES:

1. WEIGHT: .80 LBS. +/- .08 LBS.
2. FINISH: GLOSS WHITE TO DEFENSE STANDARD 80-161.
3. RF CHARACTERISTICS:
 - 3.1 FREQUENCY 121.5, 243, AND 406MHZ
 - 3.2 VSWR 1.75:1 OR BETTER FOR 121.5/243MHZ
1.5:1 OR BETTER FOR 406MHZ
 - 3.3 POLARIZATION VERTICAL
 - 3.4 POWER RATING 50 WATTS MAX
 - 3.5 RADIATION PATTERN OMNIDIRECTIONAL
 - 3.6 IMPEDANCE 50 OHMS NOMINAL
 - 3.7 GAIN +3 DBI (MIN)
4. MATING CONNECTOR: BNC(F)
5. THE COMPASS SAFE DISTANCE FOR THIS EQUIPMENT IS LESS THAN 12 INCHES.
6. TEMPERATURE SPECIFICATION STORAGE -55°C TO +85°C
OPERATING -20°C TO +55°C
7. APPLY LABEL (ITEM 1) AS SHOWN.

INSTALLATION NOTES:

1. MOUNT ANTENNA USING PAN HEAD #10-32 SS MACHINE SCREWS AND ASSOCIATED HARDWARE AND TORQUE TO 30 +/- 1 LB-IN.
2. PROVIDE A .625 (5/8") DIAMETER HOLE FOR THE BNC CONNECTOR.
3. THIS ANTENNA IS BONDED BY THE BASE PLATE BONDING RATHER THAN THROUGH THE MOUNTING SCREWS AS SOME OTHER ANTENNAS.



ITEM	QTY	PART NUMBER	DESCRIPTION
2	1	870-1621	ANTENNA, TRIBAND BLADE (16-21)
1	1	591-1621	LABEL, ANTENNA TRIBAND BLADE (16-21)

LIST OF MATERIALS OR PARTS LIST

DRG. DR. BY:	L.FAUGERLUX
DRG. DATE:	09-18-00
ENG.	D. FRIESEN
APVD:	D. GOURING
ACR ELECTRONICS INC	
5757 RAVENSWOOD RD. FT. LAUDERDALE FL 33312	
ANT, TR-BD BLD 16-21 (SGL INPT)	

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:	XX ±.03	SIZE	DRAWING NUMBER:	REV.
	.XXX ±.010		110-341	A
	XX ±.1			

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES & PER ASME Y14.5M	SCALE:	CAGE CODE	SHEET 1 OF 1
	NONE	60253	