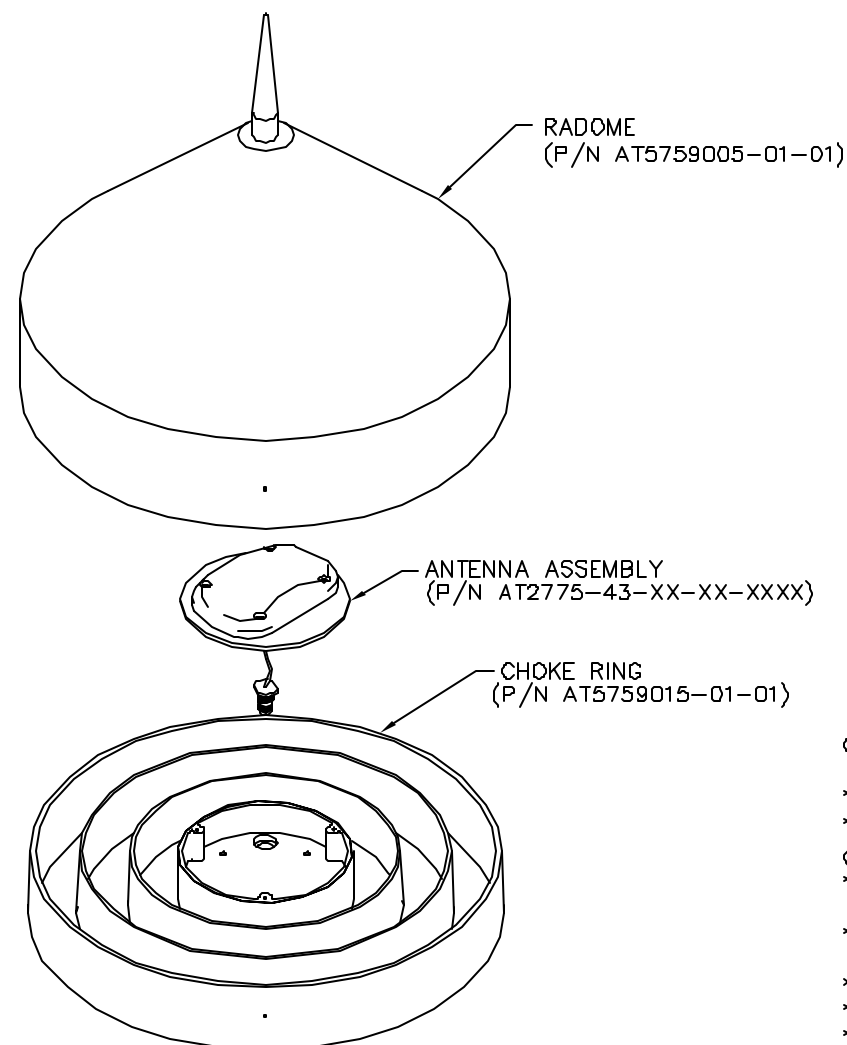
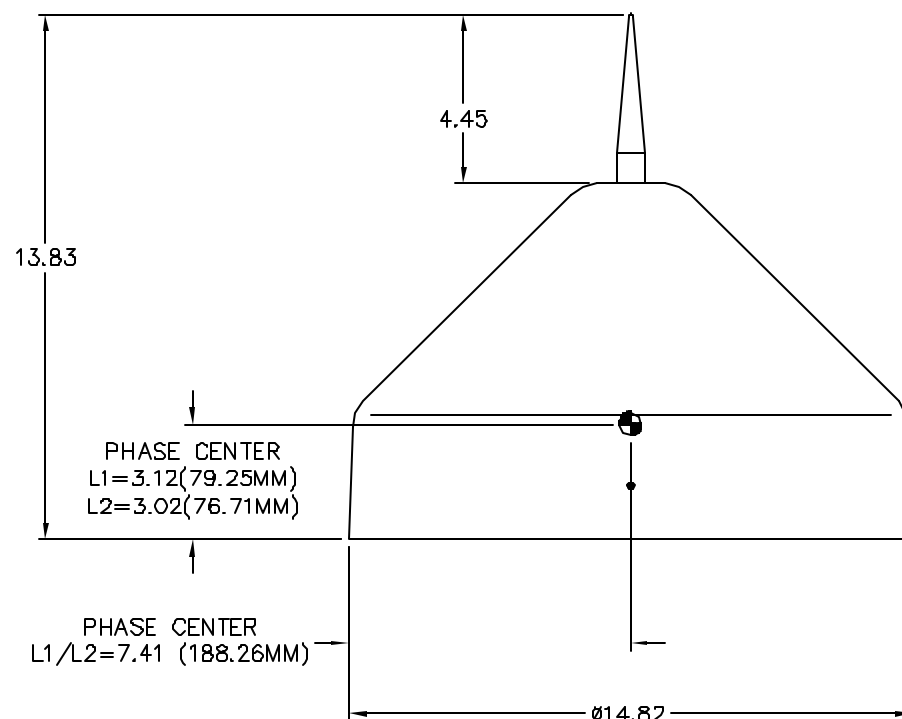


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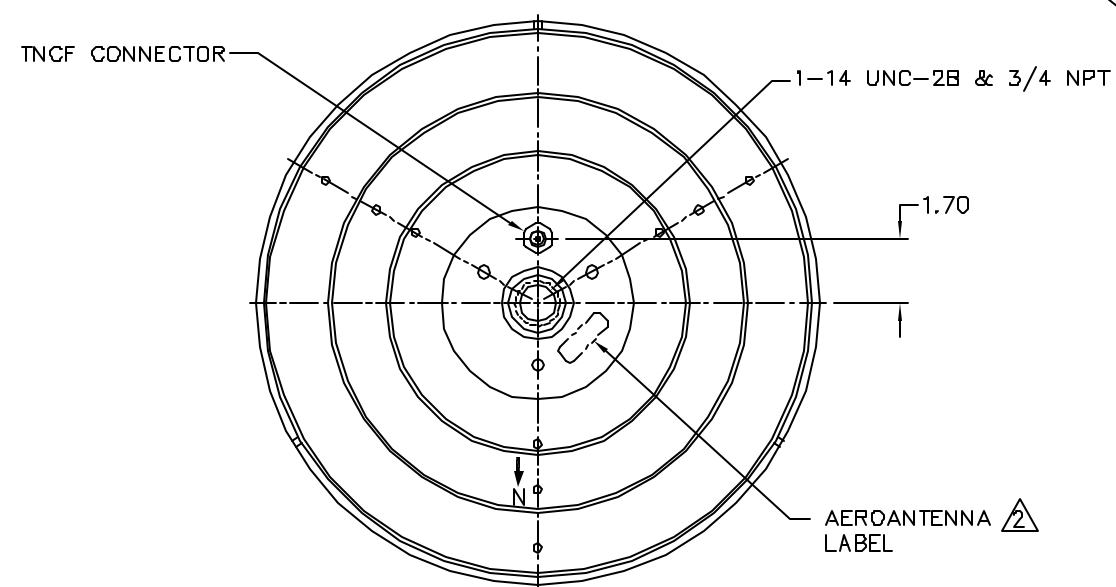
REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED
A	PRODUCTION RELEASE SEE ECO 3534	06/28/99	

NOTES: UNLESS OTHERWISE SPECIFIED,

1. LOGO OPTIONAL.
2. LABEL SIZE, SHAPE, AND CONTENTS SUBJECT TO CHANGE WITHOUT NOTICE.
3. TOLERANCES: .XX = ± 0.03
.XXX = ± 0.010



3D REF VIEW



SPECIFICATION:	
FREQUENCY:	1227 ±10 MHz & 1575 ±10 MHz
POLARIZATION:	RIGHT HAND CIRCULAR
AXIAL RATIO:	3 dB MAX.
RADIATION COVERAGE:	4.0 dBic 0° = 0° -1.0 dBic 0° < θ < 75° -2.5 dBic 75° ≤ θ < 80° -4.5 dBic 80° ≤ θ < 85° -7.5 dBic θ = 90°
AMPLIFIER:	
NOISE FIGURE:	2.5 dB MAX.
IMPEDANCE:	50 OHMS
VSWR:	≤2.0:1
BAND REJECTION:	35 dB
POWER HANDLING:	1 WATT
FINISH:	POLYURETHANE ENAMEL
COLOR:	WHITE
WEIGHT:	10 LBS MAX.
ALTITUDE:	20,000'
OPERATING TEMP:	-40°C TO +70°C
DESIGNED TO:	DO-160C

PART NO. DESIGNATION:

AT2775-43X-XXXX-XXX-XX-XX-XX

COLOR _____

W = WHITE

* S = SMOKE GRAY

* Q = OLIVE DRAB

CONNECTOR _____

* TNCM = TNC MALE

TNCF = TNC FEMALE

* BNCM = BNC MALE

BNCF = BNC FEMALE

* MCXM = MCX MALE

* MCXF = MCX FEMALE

* SMAM = SMA MALE

* SMAF = SMA FEMALE

* NTPM = NTP MALE

NTPF = NTP FEMALE

* Q000 = NO TERMINATION

— MAGNET
 NM = NO MAGNET
 * IM = INTERNAL
 * RM = REMOVABLE
 * HD = HEAVY DUTY

— GAIN (± 2 dB)
 00 = PASSIVE
 12 = 12 dB {30 mA}
 26 = 26 dB {60 mA}
 36 = 36 dB {80 mA}
 XX = OTHER

— VOLTAGE
 00 = PASSIVE
 * 05 = +5 VDC
 RG = +5 TO +18 VDC
 XX = OTHER

CABLE LENGTH _____
 * 000 = IN INCHES
 * = OPTION NOT AVAILABLE WITH THIS MODEL
 STANDARD MODEL= AT2775-43W-TNCF-000-RG-26-NM

	DO NOT SCALE THIS DRAWING	DRAWN J. BAELLY	06/28/99	 AeroAntenna Technology Inc			
	ALL DIMENSIONS ARE IN INCHES DIMENSIONING & TOLERANCING PER ANSI Y14.5M-1982	CHECKED		TITLE			
	TOLERANCES: .XX - ±.01 .XXX - ±.006 FRACT = ±1/32 ANG. = ±1/2°	ENGR		L1/L2 GPS ANTENNA			
	✓ SURFACE ROUGHNESS PER ANSI B46.1	Q.A.		SIZE	CAGE CODE	DRAWING NO.	REV
	REMOVE BURRS AND BREAK SHARP EDGES:	APPROVED		B	OUVG2	AT2775-43	A
USED ON	UNLESS OTHERWISE SPECIFIED	DRAWN IN ACAD		SCALE NONE	AT2775-43A		SHEET 1 OF 1