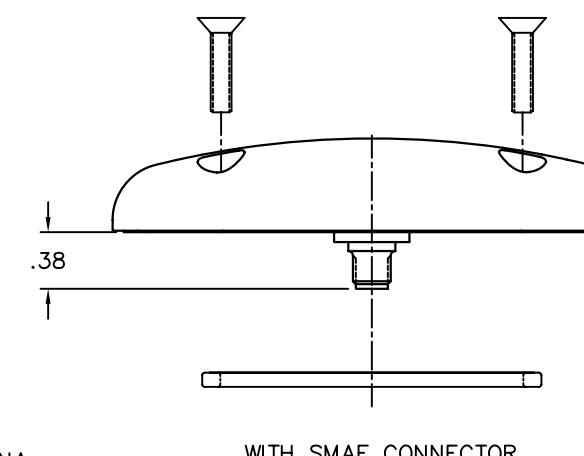
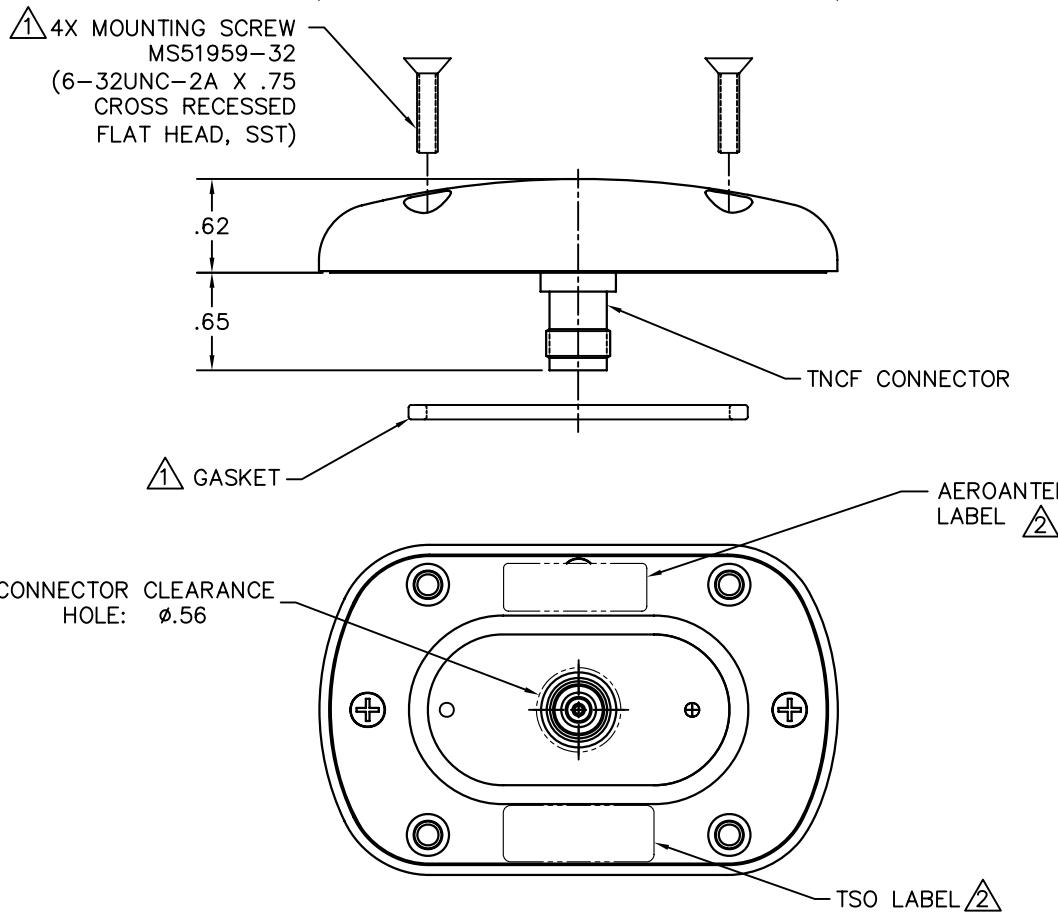
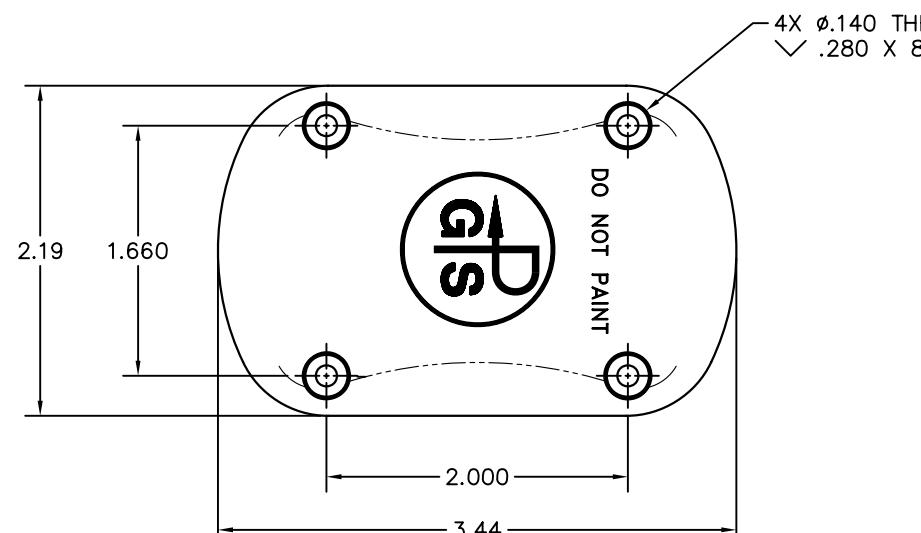


PROPRIETARY NOTICE: This document contains proprietary information of AAT Inc. neither the document nor said proprietary information shall be published, reproduced, copied, disclosed or used for any purpose other than consideration of this document without the express written permission of a duly authorized representative of said Company.

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED
N	SEE ECO 8980	10/28/09	

NOTES: UNLESS OTHERWISE SPECIFIED.

- ① GASKET AND MOUNTING SCREWS SUPPLIED BY AEROANTENNA.
- ② LABEL SIZE, SHAPE, CONTENTS AND LOCATION ARE SUBJECT TO CHANGE WITHOUT NOTICE.
- 3. TOLERANCES: .XX = $\pm .03$
.XXX = $\pm .010$



	DO NOT SCALE THIS DRAWING	DRAWN L. TIVAROVSKY	02/25/97	TITLE GPS ANTENNA
	ALL DIMENSIONS ARE IN INCHES	CHECKED M. AHMED	01/27/04	
	DIMENSIONING & TOLERANCING	ENGR T. JEENASALUTE	03/01/97	
	PER ASME Y14.5M-1994	MFG D. LEVY	05/20/03	
	TOLERANCES: .XX = $\pm .01$.XXX = $\pm .005$ FRACT = $\pm 1/32$ ANG. = $\pm 1/2^\circ$	Q.A. B. RUBENI	03/01/97	
	SURFACE ROUGHNESS MACHINED PARTS V63 MOLDED PARTS V32	APPROVED G. SHAR	02/08/00	
	REMOVE BURRS AND BREAK SHARP EDGES:			
	PART TO BE CLEAN AND OIL FREE			
NEXT ASSY	UNLESS OTHERWISE SPECIFIED	DRAWN IN CAD	SCALE NONE	
			I:\CAD\AT575\AT575-32\AT575-32_N	SHEET 1 OF 1
				REV N

SPECIFICATION:

FREQUENCY: 1575 ± 10 MHz
POLARIZATION: RIGHT HAND CIRCULAR
AXIAL RATIO: 3 dB MAX AT BORE SIGHT
RADIATION COVERAGE: ELEVATION ANGLE MINIMUM GAIN
 $> 15^\circ$ -2.0 dBic
 10° -3.0 dBic
 5° -4.5 dBic
 0° -7.5 dBic

AMPLIFIER:

GAIN: SPECIFY
VOLTAGE: SPECIFY
NOISE FIGURE: 2.5 dB MAX
IMPEDANCE: 50 OHMS
VSWR: $\le 2.0:1$
BAND REJECTION: 35 dB @ 1625 MHz
POWER HANDLING: 1 WATT

FINISH: POLYURETHANE ENAMEL
WEIGHT: 3.9 OZ
ALTITUDE: 55,000'

OPERATING TEMP.: -55°C TO +85°C

DESIGNED TO: DO-160D,

ENV CAT: F2-ABB[S(CLMY)U(FF1)]XSFDTSXXXXP[XA3][2A]CX
C-144 (♦ DOES NOT APPLY TO THE 12 dB OPTION)



PART NO. DESIGNATION:

AT575-32XXX-XXXX-XXX-XX-XX-XX

CUSTOMER ID
(IF APPLICABLE)

MAGNET
NM = NO MAGNET

COLOR
W = WHITE
S = SMOKE GRAY
O = OLIVE DRAB

GAIN (± 2 dB)
00 = PASSIVE
♦ 12 = 12 dB (20 mA)
26 = 26.5 dB (35 mA)
36 = 36 dB (50 mA)
38 = 38 dB (50 mA)
XX = OTHER

CONNECTOR
TNCF = TNC FEMALE
SMAF = SMA FEMALE

VOLTAGE
00 = PASSIVE
05 = 5 VDC
RG = 5-18 VDC
XX = OTHER

CABLE LENGTH
* 000 = IN INCHES

* = OPTION NOT AVAILABLE WITH THIS MODEL

STANDARD MODEL = AT575-32W-TNCF-000-RG-26-NM

 AeroAntenna Technology Inc

GPS ANTENNA