

| REVISIONS |                      |          |          |
|-----------|----------------------|----------|----------|
| SYM       | DESCRIPTION          | DATE     | APPROVED |
| C         | REVISED PER ECO 9332 | 07/29/10 |          |

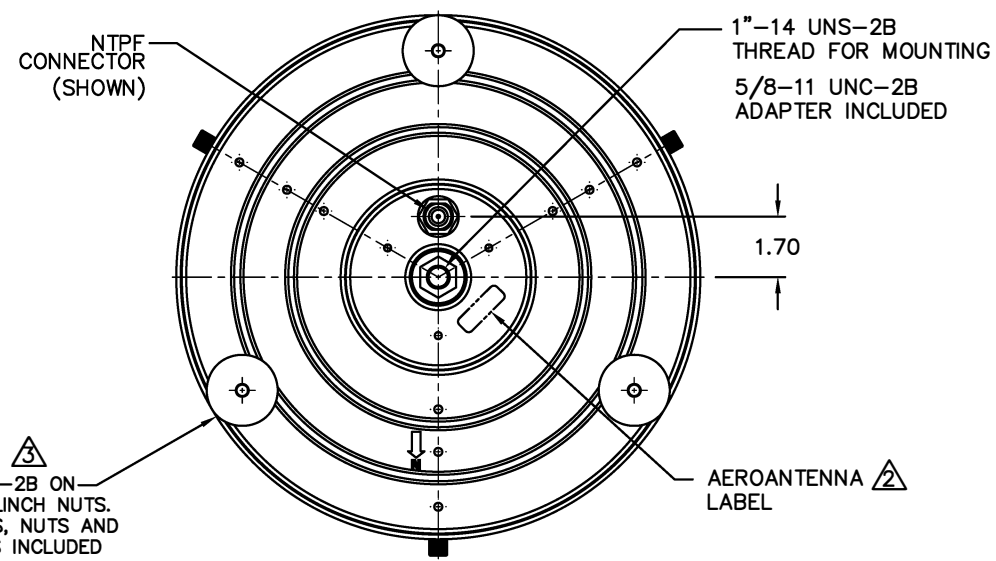
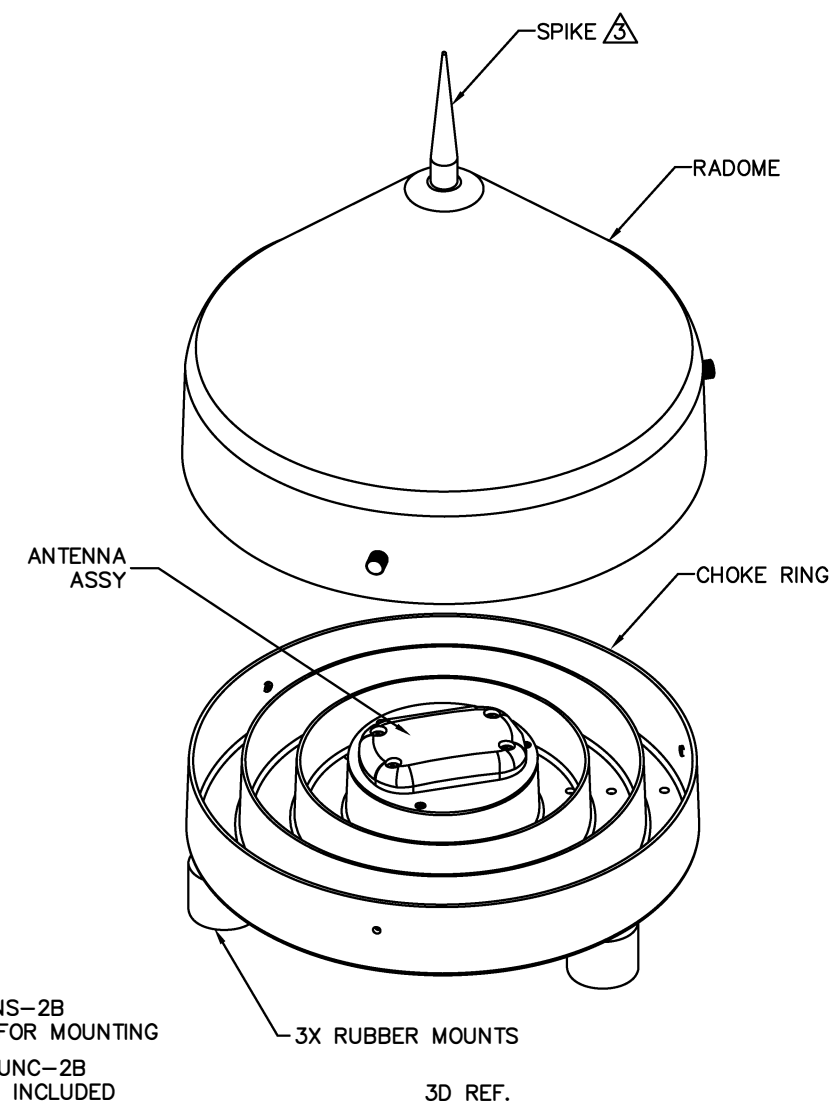
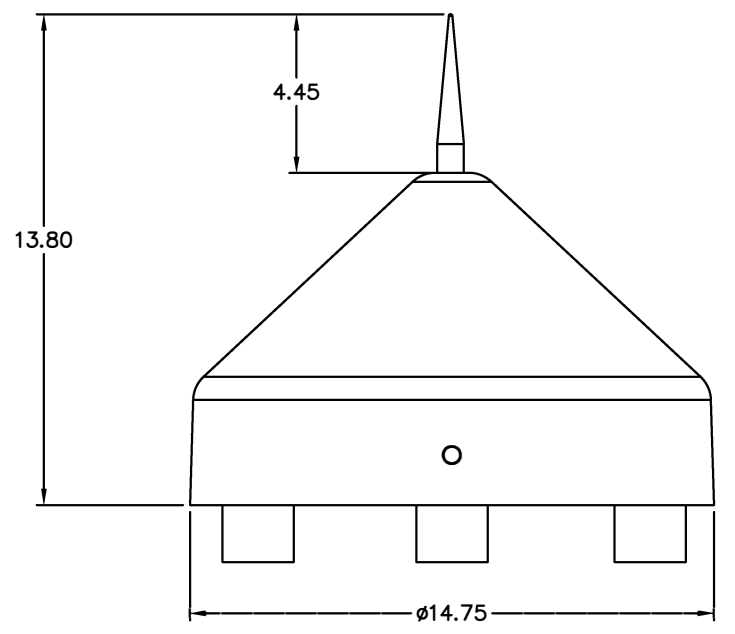
NOTES: UNLESS OTHERWISE SPECIFIED.

1. LOGO OPTIONAL.
2. LABEL SIZE, SHAPE, AND CONTENTS SUBJECT TO CHANGE WITHOUT NOTICE.
3. SPIKE, NYLON HEX NUT AND HARDWARE SUPPLIED SEPARATELY.
4. TOLERANCES: .XX = ±.03  
.XXX = ±.010

**SPECIFICATION:**

FREQUENCY: 1565-1585 MHz + GLONASS  
 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: 20 dB @ 250 MHz  
 POWER HANDLING: 1 WATT  
 FINISH: POLYURETHANE ENAMEL  
 COLOR: WHITE  
 WEIGHT: 11 LBS MAX.  
 ALTITUDE: 20,000'  
 OPERATING TEMP: -40°C TO +70°C  
 DESIGNED TO: DO-160C



**PART NO. DESIGNATION:**

AT1675-3X-XXXX-XXX-XX-XX-XX

COLOR \_\_\_\_\_  
 W = WHITE

CONNECTOR \_\_\_\_\_  
 TNCF = TNC FEMALE  
 NTPF = NTP FEMALE

CABLE LENGTH \_\_\_\_\_  
 000 = IN INCHES

MAGNET \_\_\_\_\_  
 NM = NO MAGNET

GAIN (± 2 dB)  
 12 = 12 dB (30 mA)  
 26 = 26 dB (60 mA)  
 36 = 36 dB (80 mA)  
 XX = OTHER

VOLTAGE \_\_\_\_\_  
 RG = +5 TO +18 VDC  
 XX = OTHER

STANDARD MODEL= AT1675-3W-NTPF-000-RG-26-NM



03-9243358 :0קפ ▪ 03-9243352 :לו ▪ ת.ד. 7042 פ"ת ▪ רח' אודם 14, ת.י. 7042  
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|  |                                |                               |
|--|--------------------------------|-------------------------------|
| DO NOT SCALE THIS DRAWING<br>REMOVE BURRS AND BREAK SHARP EDGES:<br>PART TO BE CLEAN AND OIL FREE<br>ALL DIMENSIONS ARE IN INCHES<br>DIMENSIONING & TOLERANCING PER ASME Y14.5M-1994<br>TOLERANCES:<br>.XX = ±.01 FRACT = ±1/32<br>.XXX = ±.005 ANG. = ±1/2' | DRAWN<br>A. DEVERA<br>01/26/99 | DRAWN IN<br>CAD               |
| ✓ SURFACE ROUGHNESS<br>MACHINED PARTS V63<br>MOLDED PARTS V32  | CHECKED                        |                               |
| HOLE DIA. TOLERANCE  | ENGR<br>S. VALDES<br>02/16/99  | MFG<br>DANNY LEVY<br>03/08/99 |
| .0135 - .125 +.004<br>-.001  | Q.A.<br>B. RUBENI<br>03/08/99  |                               |
| .126 - .250 +.005<br>-.001   | APPROVED                       |                               |
| .251 - .500 +.008<br>-.001   |                                |                               |
| .501 - .750 +.008<br>-.001   |                                |                               |

**AeroAntenna Technology Inc**  
 AS9100 CERTIFIED CO.

TITLE: GPS/GLONASS ANTENNA

|           |                    |                         |          |
|-----------|--------------------|-------------------------|----------|
| SIZE<br>B | CAGE CODE<br>OUVG2 | DRAWING NO.<br>AT1675-3 | REV<br>C |
|-----------|--------------------|-------------------------|----------|

SCALE: NONE | I:\CAD\AT1675\3\AT1675-3\_C | SHEET 1 OF 1

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