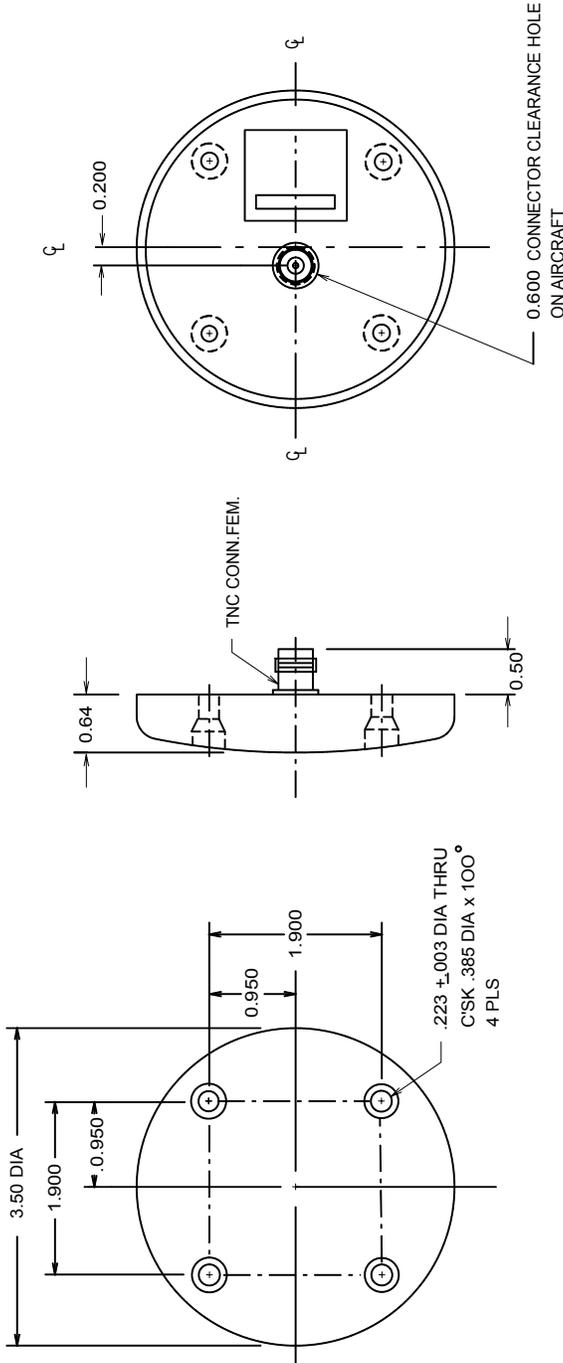


REVISIONS		DATE	APPROVAL
LTR	DESCRIPTION		

INSTALLATION DRAWING



COMANT INDUSTRIES, INC.
 PROPRIETARY DATA
 WARNING: DO NOT REPRODUCE
 WITHOUT WRITTEN CONSENT.

NOTES:

- RF CHARACTERISTICS (AMBIENT TEMPERATURE + 20°C)
 - FREQUENCY 1575.42 ± 3 MHz
 - VSWR 2.0:1
 - POLARIZATION RHCP
 - IMPEDANCE 50 OHMS
 - GAIN 28 dB ± 3 dB
 - D.C. VOLTAGE 7.0 TO 24.0 VDC
 - D.C. CURRENT 50 mA MAX.
 - NOISE FIGURE 3.8 dB MAX.
- TYPICAL ANTENNA PATTERN (W/O LNA GAIN)
 - 1.0 dBic Min. 0° ≤ θ ≤ 75°
 - 2.5 dBic Min. 75° ≤ θ ≤ 80°
 - 4.5 dBic Min. 80° ≤ θ ≤ 85°
 - 7.5 dBic Min. 85° ≤ θ ≤ 90°
- WEIGHT: 0.45 LBS. MAX.
- SPEED RATING: 800 KNOTS
- THIS ANTENNA MEETS THE APPLICABLE PORTIONS OF RTCA DO-228 SEC. 2.4 TSO C144 DO-160D ENV. CAT.: [F2]-[AC]S2[XRF]XSXXXXXXXX[2A]C

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		CONTRACT NO.	
TOLERANCES ON DEC. XX ± .010 FRACTIONS ± .010		DATE NOV. 18-97	
XXX ± .005 ANGLES ± 1°		DFSM H.Nguyen 11/18/97	TITLE GPS ANTENNA
MACH FINISH 12/ PER ASME B46.1 REMOVE BURRS AND SHARP EDGES .015 MAX. MEET DIM. BEFORE PLATING DIMENSIONS ARE PER ASME Y14.5M		CHECK D.J.Holloway 04/22/98	
MATERIAL		ENGR D.Steward 04/22/98	
DO NOT SCALE DRAWING		APPD D.J.Holloway 04/22/98	
NEXT ASSY		USED ON	DASH NO.
APPLICATION			
SCALE: 1/1		WT	SHEET 1 OF 2
Comant Industries, Inc.		DWG CODE IDENT	DWG. NO.
C 51351		C 51351	CI 408-20