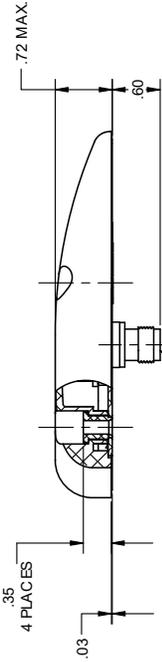
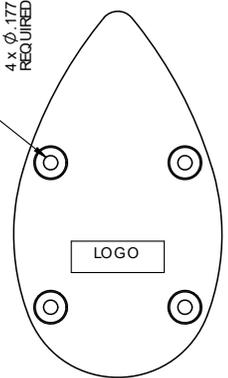


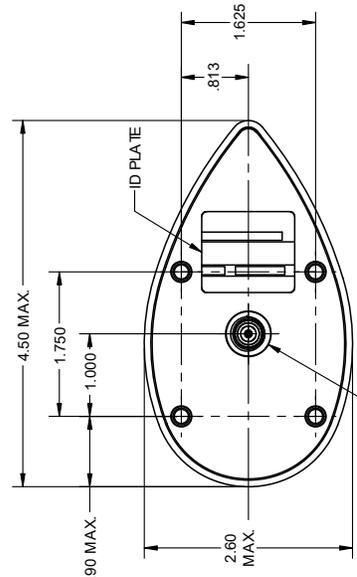
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REVISIONS		
LTR	DESCRIPTION	DATE / APPROVAL
A	RELEASED DRAWING	MIN 03/29/12 DH 03/29/12

4 x  $\phi$ .172 THRU HOLE  
 $\phi$ .405 TO DEPTH SHOWN  
 4 x  $\phi$ .177 CLEARANCE HOLE  
 REQUIRED ON AIRCRAFT



TNC CONNECTOR  
 FEMALE



$\phi$ .625 CONNECTOR CLEARANCE HOLE  
 REQUIRED ON AIRCRAFT

- NOTES: UNLESS OTHERWISE SPECIFIED
- RF CHARACTERISTICS  
 FREQUENCY: 1616.0 TO 1626.5 MHz  
 VSWR: 1.5:1 MAX.  
 R/L-13.98dB  
 POLARIZATION: RIGHT HAND POLARIZATION  
 RADIATION PATTERN: HEMISPHERICAL  
 IMPEDANCE: 50 OHMS OUTPUT (NOMINAL)  
 GAIN (MEASURED ON 4' CIRCULAR GROUND PLANE): +3.0 dBic @ ZENITH  
 POWER HANDLING: 6.5 WATTS AVG.  
 LIGHTNING PROTECTION: DC GROUND  
 WEIGHT: 5.0 OZ MAX
  - TSD-C159a (INCOMPLETE SYSTEM), RTCA/DO-160G, ENV. CAT.: [F2]X[C]B[S](L)R(C,C 1)H(R)XRFDXSXXX[XXI]XXXXXX[1]B[C]XX
  - A420127 INSTALLATION INSTRUCTION SUPPLIED WITH ANTENNA.

INSTALLATION DRAWING

UNLESS OTHERWISE SPECIFIED		CONTRACT NO.	
DIMENSIONS ARE IN INCHES		COMANT INDUSTRIES, Inc.	
TOLERANCES ON		COMDAT® IRIDIUM	
DECIMALS: .XX ± .03 .XXX ± .010		ANTENNA	
FRACTIONS: 1/16 ANGLES ± 1°		REV. A	
MACHINE FINISH 125/PER ANSI-B46.1		CODE IDENT: C 51351	
REMOVE BURRS AND		DWG. NO. CI 420-490	
SHARP EDGES .015 MAX		SCALE: 1:1	
ALL DIMENSIONS ARE PER ASME Y14.5M		SHEET: 1 OF 1	
MATERIAL:		CAD FILE: --	
DO NOT SCALE DRAWING		REV. A	

ANTENNA ASSY D420129