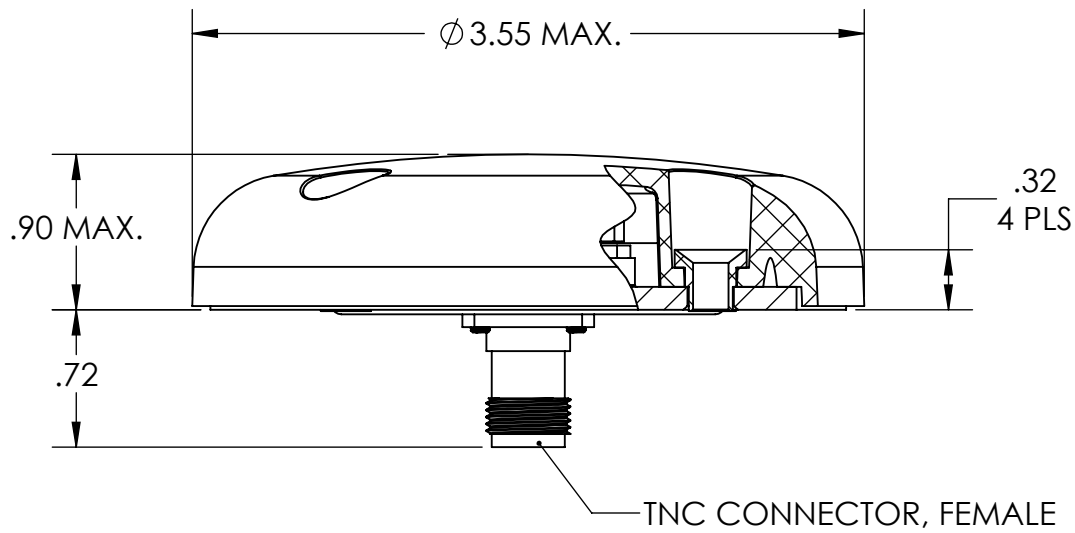
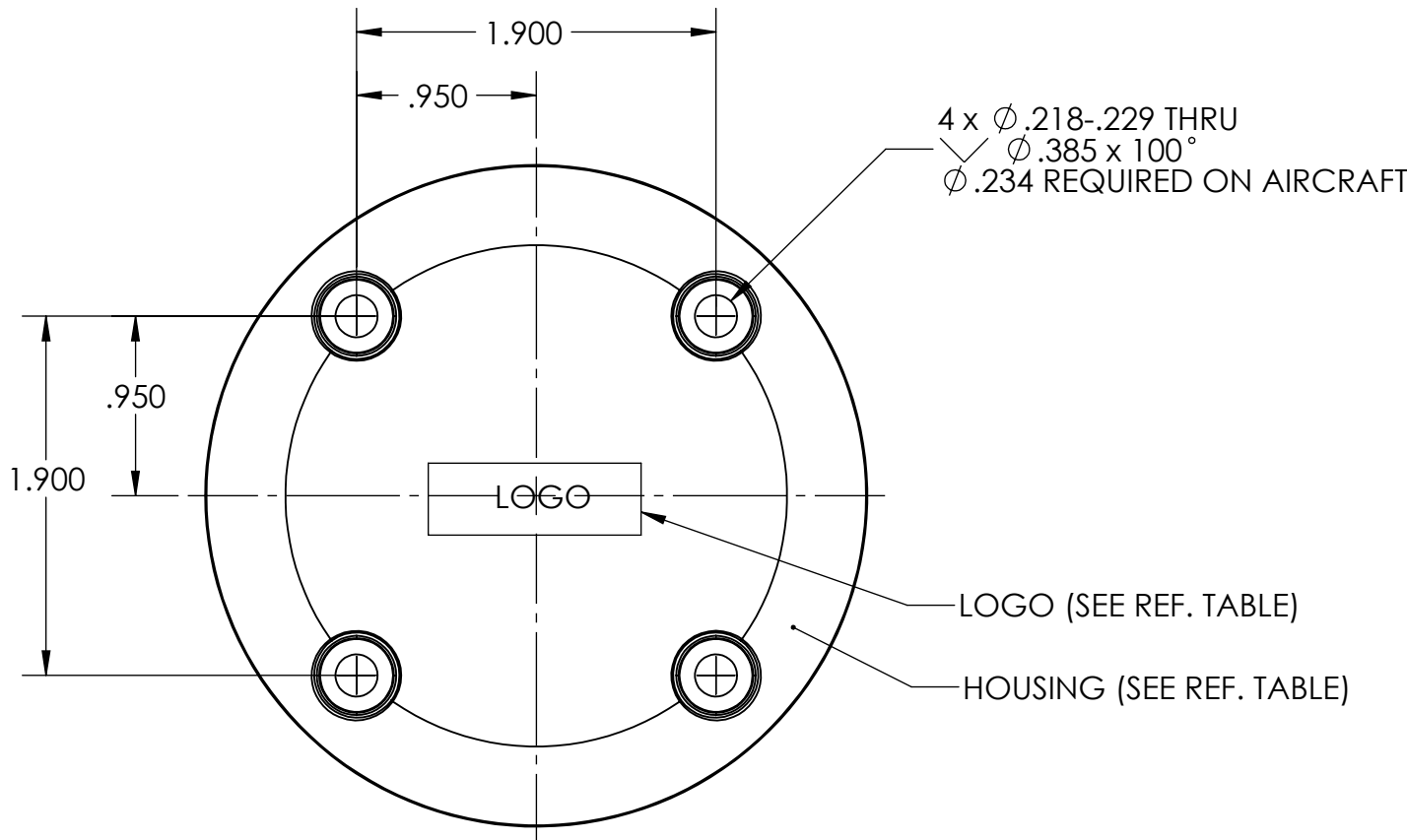
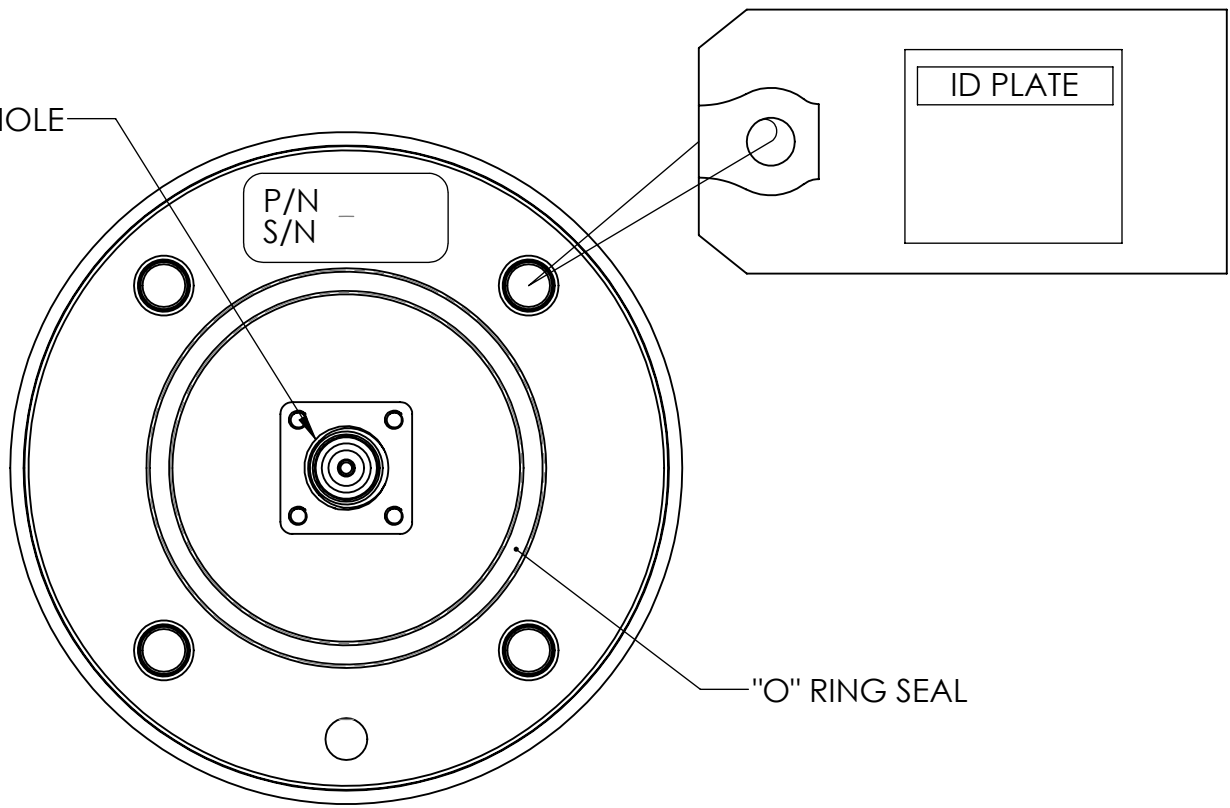


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REVISIONS				
LTR	DESCRIPTION		DATE	APPROVED
A	RELEASED DRAWING	MN	9/24/13	DH 09/24/13
B	REF ECN 20-030	RM	6/18/20	DH 6/18/20
C	REF ECN 24-028	RM	4/25/25	LH 04/25/25
D	REF ECN 26-005	RM	7/24/26	LH 07/24/26



ϕ 1.00 CONNECTOR CLEARANCE HOLE
REQUIRED ON AIRCRAFT



NOTES: UNLESS OTHERWISE SPECIFIED

1. RF CHARACTERISTICS:

FREQUENCY	1616.0 TO 1626.5 MHz
VSWR	1.5:1 MAX.
R/L	13.98 dB MIN.
POLARIZATION	RIGHT-HAND CIRCULAR
RADIATION PATTERN	HEMISPHERICAL
IMPEDANCE	50 OHMS OUTPUT (NOMINAL)
GAIN	+ 3.0 dBic NOMINAL (ZENITH) (MEASURED ON 4' CIRCULAR GROUND PLANE)
POWER HANDLING	6.5 WATTS AVG.
LIGHTNING PROTECTION	DC GROUNDED

2. WEIGHT : 5.0 oz MAX.

3. TSO C159a (INCOMPLETE SYSTEM), RTCA/DO-160G ENV. CAT.:

[F2X]ACE[R(C,C1)H(R)]XSFSX[XXX][XX]X[XXXXXX][2A]AXX

4. A49042 INSTALLATION INSTRUCTIONS SUPPLIED WITH ANTENNA.

5 ANTENNA MEETS THE REQUIREMENTS OF FLIGHTCELL PART NUMBER ANP_00045.

DASH NO.	HOUSING	LOGO	ASSY DWG.
CI 490-490	D49036-1	B00979-1	D49035
CI 490-490-1 5	B49068-1	-	D49067

INSTALLATION DRAWING

UNLESS OTHERWISE SPECIFIED		CONTRACT NO.		THALES						
DIMENSIONS ARE IN INCHES TOLERANCES ON DECIMALS .XX ± .03 .XXX ± .010 FRACTIONS ± 1/16 ANGLES ± 1°				COMDAT ® IRIDIUM ANTENNA						
MACHINE FINISH 125✓PER ANSI-B46.1 REMOVE BURRS AND SHARP EDGES .015 MAX MEET DIMENSIONS BEFORE PLATING DIMENSIONS ARE PER ASME Y14.5M		APPROVALS							DATE	
		DRAWN	M. NGUYEN						09/24/13	
		CHECK	D. HOLLOWAY						09/24/13	
		ENGR	D. HOLLOWAY	09/24/13						
MATERIAL :		MFG	J. JONES	09/24/13	DWG SIZE C	CAGE CODE 51351	DWG. NO. CI 490-490-*	REV. D		
		QC	S. ADAMS	09/24/13						
DO NOT SCALE DRAWING				SCALE: 1:1		CAD FILE: --		SHEET : 1 OF 1		