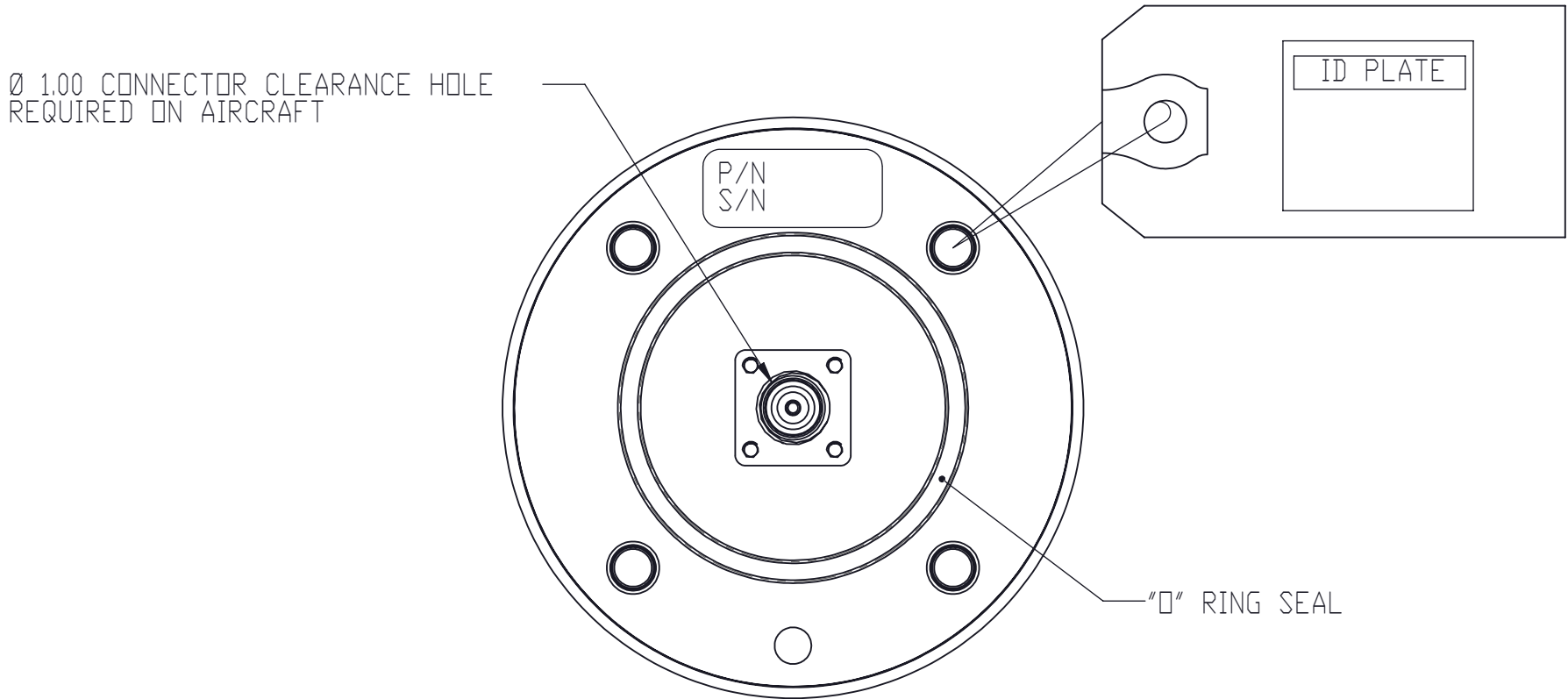
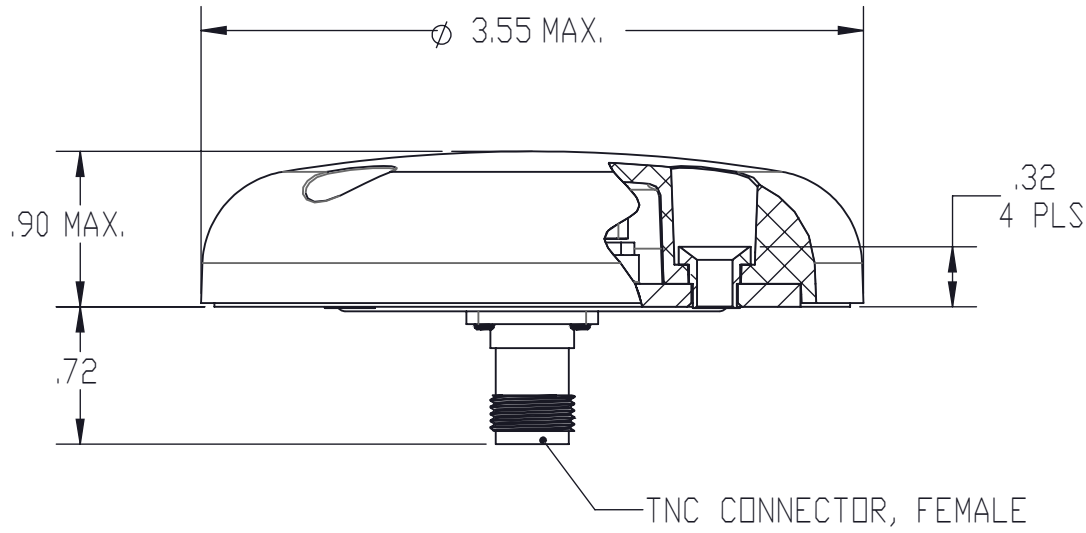
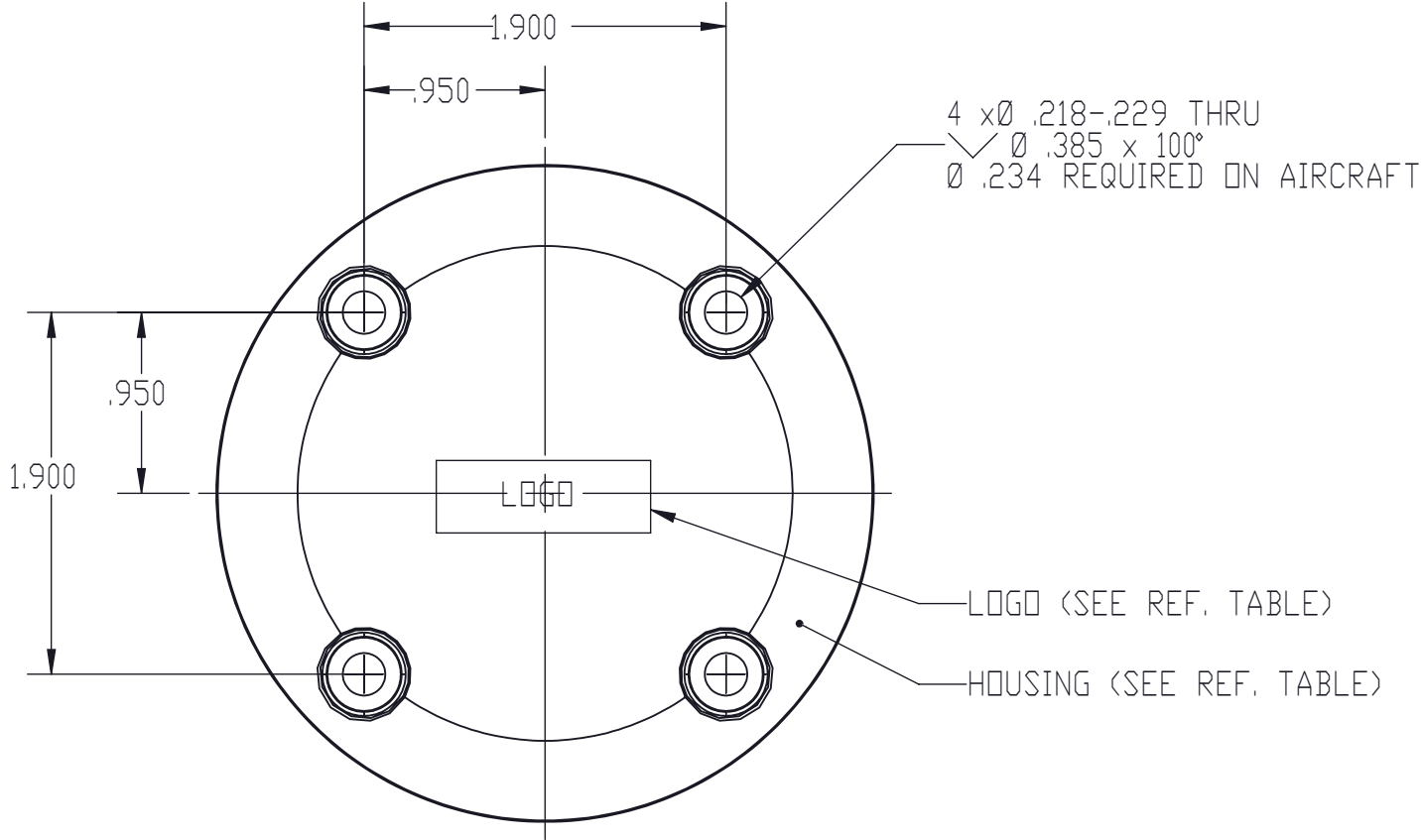


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REVISIONS			
LTR	DESCRIPTION	DRAWN	DATE
1.0	RELEASED DRAWING #HW-1215	J.GLASGOW	24/09/20



- NOTES: UNLESS OTHERWISE SPECIFIED
- RF CHARACTERISTICS:
FREQUENCY _____ 1616.0 TO 1626.5 MHz
VSWR _____ 1.5:1 MAX.
R/L _____ -13.98 dB
POLARIZATION _____ RIGHT HAND CIRCULAR POLARIZATION
RADIATION PATTERN _____ HEMISPHERICAL
IMPEDANCE _____ 50 OHMS OUTPUT (NOMINAL)
GAIN _____ + 3.0 dBic @ ZENITH
(MEASURED ON 4' CIRCULAR GROUND PLANE)
POWER HANDLING _____ 6.5 WATTS AVG.
LIGHTNING PROTECTION _____ DC GROUNDED
 - WEIGHT : 5.0 oz MAX.
 - TSO C159a (INCOMPLETE SYSTEM), RTCA/DO-160G ENV. CAT.:
[F2X]ACE[R(C,C1)H(R)]XSFSXSXXXX[XXX][XX]XCXXXXXXJ[2A]AXX
 - A49042 INSTALLATION INSTRUCTIONS SUPPLIED WITH ANTENNA.

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

FLIGHTCELL P/N	DESCRIPTION	MANUFACTURER	MANUFACTURER'S P/N
ANP_00045	Single Flat Antenna Iridium TNC White TSO Cert	COMANT INDUSTRIES, Inc.	CI 490-490

INSTALLATION DRAWING

PARTS LIST									
UNLESS OTHERWISE SPECIFIED				Flightcell International Ltd					
DIMENSIONS ARE IN INCHES TOLERANCES ON DECIMALS .XX ± .03 .XXX ± .010 FRACTIONS ± 1/16 ANGLES ± 1°									
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		SINGLE IRIDIUM ANTENNA			
		ENGR	J.GLASGOW	24/09/20					
		CHECK	H.BOOYSE	24/09/20					
		QC	S.KIRCKCONNELL-KAWANA	25/09/20					
MATERIAL :					DWG SIZE C	CAGE CODE EBL17	DWG. NO. DRW_ANP_010		REV. 1.0
DO NOT SCALE DRAWING					SCALE: 1:1		CAD FILE: --		SHEET : 1 OF 1