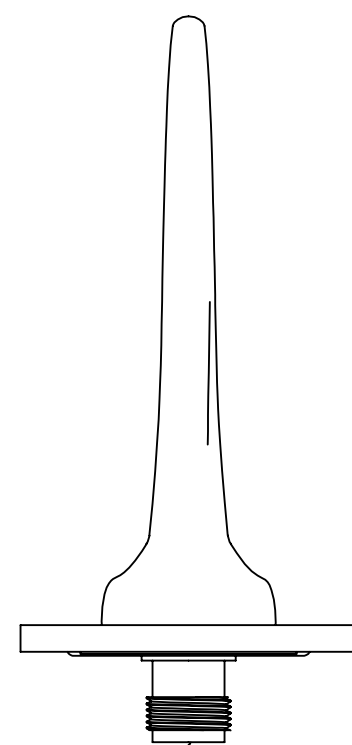
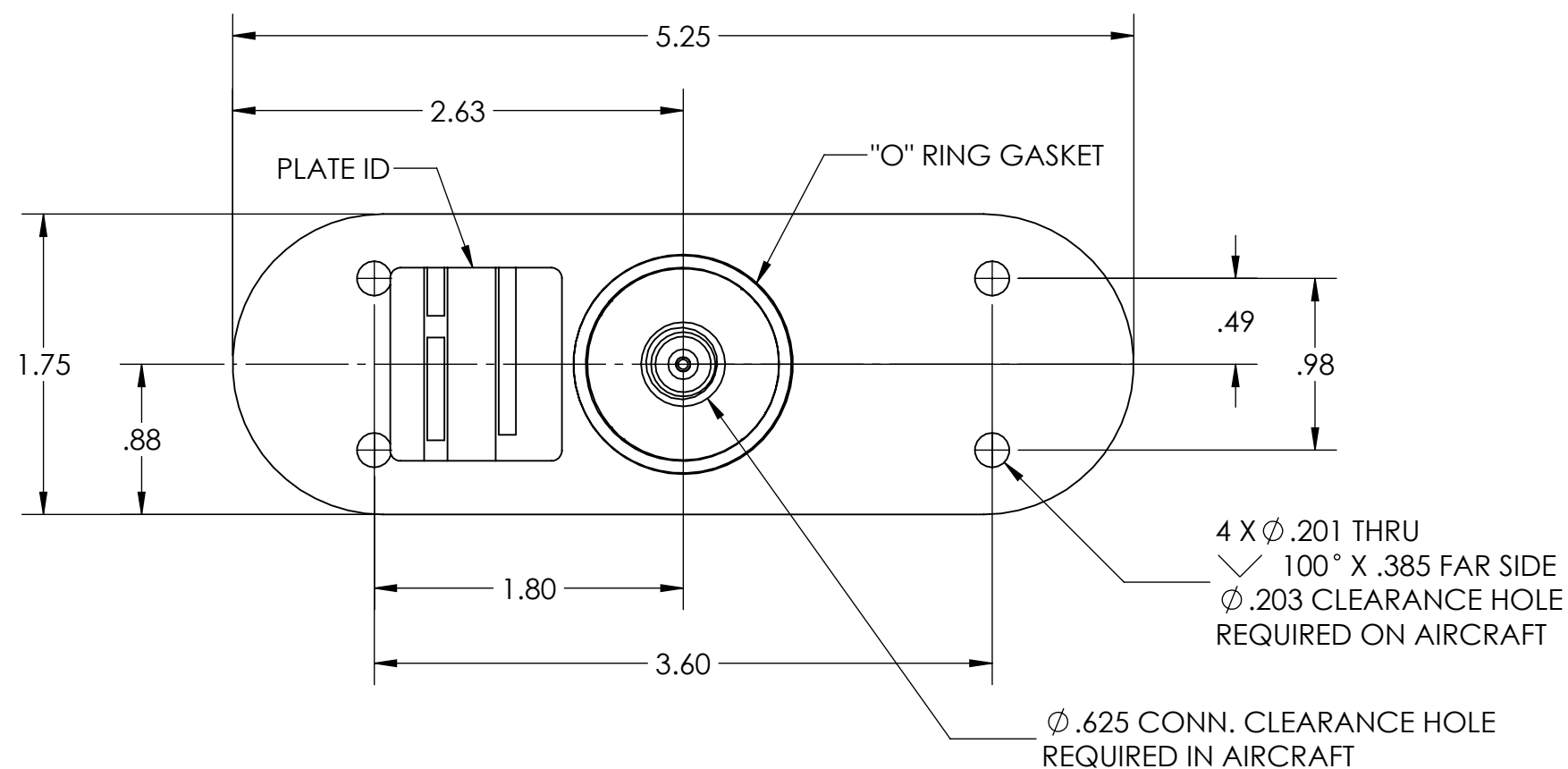
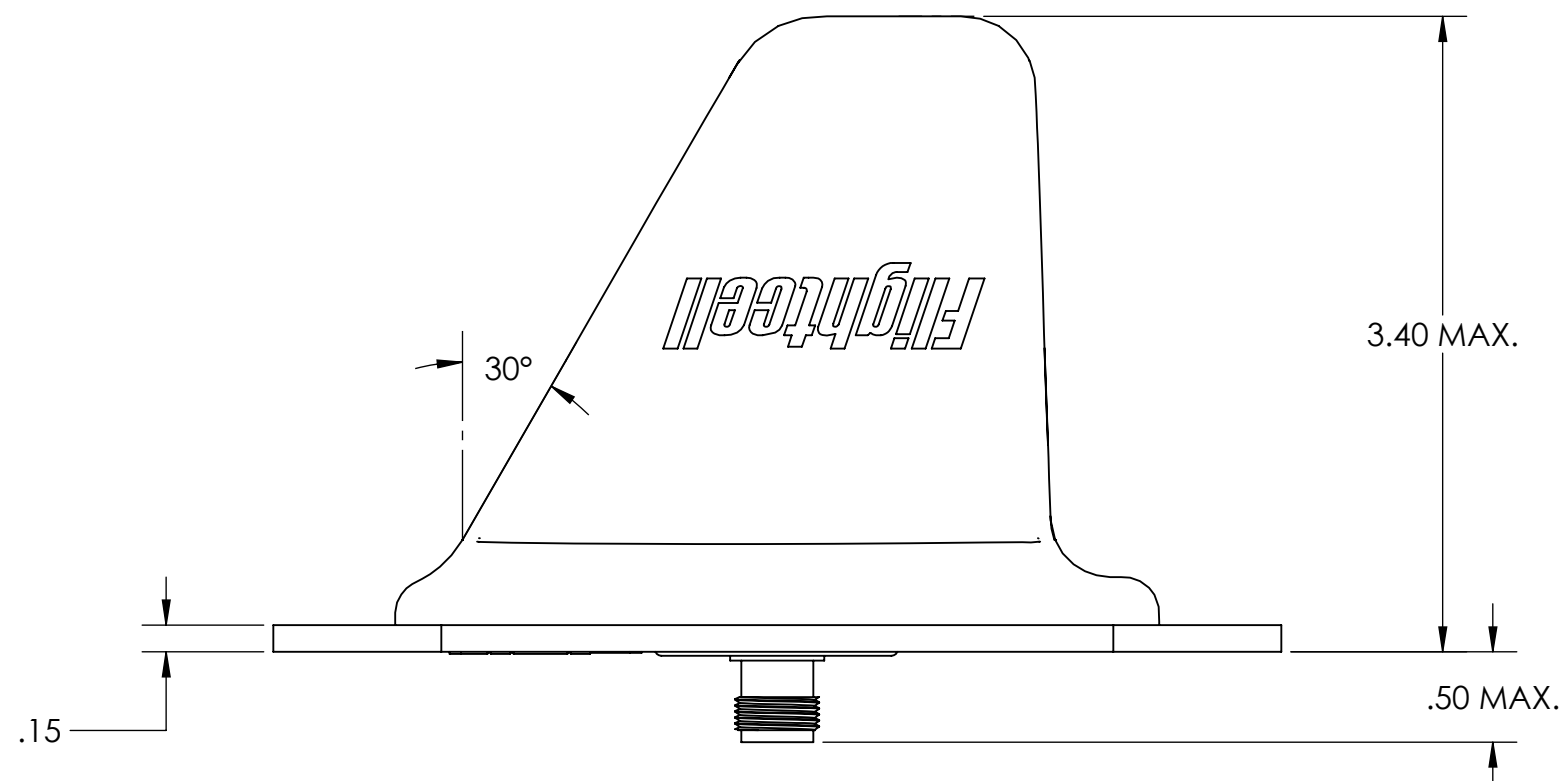


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REVISIONS				
LTR	DESCRIPTION		DATE	APPROVED
A	RELEASED DRAWING	RM	2/7/25	LH 02/12/25
B	REF ECN 25-027	RM	7/16/25	LH 07/16/25
C	REF ECN 25-033	RM	9/16/25	LH 09/16/25
D	REF ECN 25-039	RM	10/22/25	LH 10/22/25
E	REF ECN 26-005	RM	7/24/26	LH 07/24/26



-TNC CONN. FEM.



NOTES: UNLESS OTHERWISE SPECIFIED.

1. RF CHARACTERISTICS

<u>FREQUENCY</u>	<u>VSWR</u>	<u>RETURN LOSS</u>
700-799 MHz _____	2.8:1 MAX. _____	6.49 dB MIN.
800-849 MHz _____	2.2:1 MAX. _____	8.52 dB MIN.
850-1029 MHz _____	2.0:1 MAX. _____	9.54 dB MIN.
1030-1090 MHz _____	1.5:1 MAX. _____	13.98 dB MIN.
1091-2700 MHz _____	2.0:1 MAX. _____	9.54 dB MIN.
POLARIZATION _____	VERTICAL	
RADIATION PATTERN _____	EQUIVALENT OF A QUARTER WAVE STUB	
RF POWER _____	100 WATTS CONTINUOUS, 1000 WATTS PEAK	
IMPEDANCE _____	50 OHMS	

2. FINISH: WHITE POLYURETHANE PAINT

3. MOUNTING SURFACE, CONNECTOR AND MOUNTING HOLES ARE FREE OF PAINT.

4. TSO C74d, DO-160G. [F2X]ACA[U2 (F,F1)]XSXXXXXXX
[XXX][XX]X[XXXXXX][XX]XXX

5. WEIGHT: 0.50 LB MAX.

6. A15027 INSTALLATION INSTRUCTIONS SUPPLIED WITH ANTENNA.

7. ANTENNA MEETS THE REQUIREMENTS OF FLIGHTCELL PART NUMBER ANP_00050.

ASSY DWG C15018

INSTALLATION DRAWING

UNLESS OTHERWISE SPECIFIED		CONTRACT NO.		THALES					
DIMENSIONS ARE IN INCHES TOLERANCES ON DECIMALS .XX ± .03 .XXX ± .015 FRACTIONS ± 1/32 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	TRANSPONDER / CELLULAR / WI-FI / UMTS ANTENNA				
		DRAWN	R. MERCADO	2/7/25					
		CHECK	L. HERRERA	02/07/25					
		ENGR	L. HERRERA	02/07/25					
MATERIAL :		MFG	G. GIRISH	02/12/25	DWG SIZE C	CAGE CODE 51351	DWG. NO. CI 150-300		REV. E
		QC	N. HAYES	02/12/25	SCALE: 1:1		CAD FILE: --		SHEET : 1 OF 1
DO NOT SCALE DRAWING									