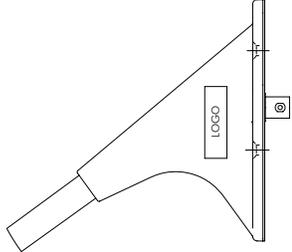
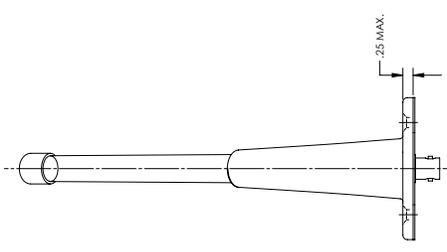
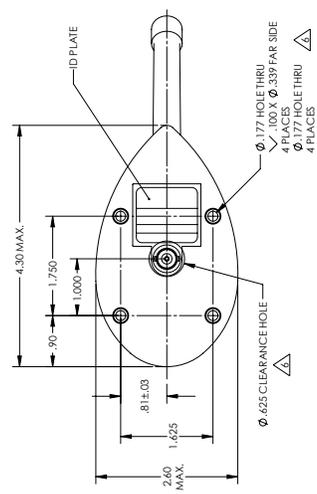
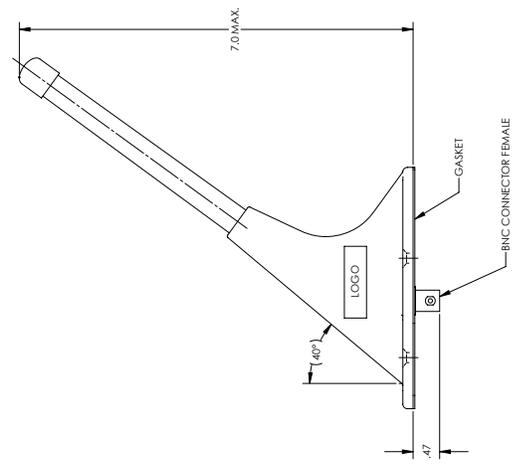


REVISIONS	
LTR	DESCRIPTION
E	REDRAWN WITH CHANGE PER ECN 103-91
F	REF ECN 06-1-20
G	REF ECN 06-1-54
H	REF ECN 19-045

DATE	APPROVED
5/16/03	DH15/27/03
11/20/06	AV 11/22/06
11/18/08	DH 11/24/08
7/24/19	DH 7/24/19



INSTALLATION DRAWING

- NOTES: UNLESS OTHERWISE SPECIFIED
- RF CHARACTERISTICS
 - 1.1 FREQUENCY 450 - 470 MHz
 - 1.2 VSWR 20:1 MAX.
 - 1.3 RETURN LOSS 45dB
 - 1.4 POLARIZATION VERTICAL
 - 1.5 GAIN (PEAK BEAM) 50 dB
 - 1.6 PATTERN (NON-PATTERN) 30 DB
 - 1.7 IMPEDANCE 50 OHMS NOMINAL
 - MOUNTING SURFACE, CONNECTOR AND MOUNTING HOLES ARE FREE OF PAINT.
 - WEIGHT 0.75 LB. MAX.
 - FINISH GLOSSY WHITE POLYURETHANE PAINT NON YELLOWING.
 - RTCA DO-160 ENV. CAT. B20 (AC/BC/C1/H/UF1/J/K/W/D/S/XXX/XXX/XXX/XXX)
 - HOLDERS THROUGH HOLES ARE FREE OF PAINT.
 - AIR SPEED RATING 450 KNOTS TAS @ 20,000 FT.

UNLESS OTHERWISE SPECIFIED	
DEC .XX ±.02	XXX ±.01
DEC .XX ±.05	XXX ±.01
DEC .XX ±.10	XXX ±.01
DEC .XX ±.15	XXX ±.01
DEC .XX ±.20	XXX ±.01
DEC .XX ±.25	XXX ±.01
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DEC .XX ±.70	XXX ±.01
DEC .XX ±.75	XXX ±.01
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DEC .XX ±.85	XXX ±.01
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DEC .XX ±.115	XXX ±.01
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DEC .XX ±.145	XXX ±.01
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DEC .XX ±.160	XXX ±.01
DEC .XX ±.165	XXX ±.01
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DEC .XX ±.175	XXX ±.01
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DEC .XX ±.450	XXX ±.01
DEC .XX ±.455	XXX ±.01
DEC .XX ±.460	XXX ±.01
DEC .XX ±.465	XXX ±.01
DEC .XX ±.470	XXX ±.01
DEC .XX ±.475	XXX ±.01
DEC .XX ±.480	XXX ±.01
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DEC .XX ±.645	XXX ±.01
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DEC .XX ±.825	XXX ±.01
DEC .XX ±.830	XXX ±.01
DEC .XX ±.835	XXX ±.01
DEC .XX ±.840	XXX ±.01
DEC .XX ±.845	XXX ±.01
DEC .XX ±.850	XXX ±.01
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DEC .XX ±.870	XXX ±.01
DEC .XX ±.875	XXX ±.01
DEC .XX ±.880	XXX ±.01
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DEC .XX ±.945	XXX ±.01
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DEC .XX ±.965	XXX ±.01
DEC .XX ±.970	XXX ±.01
DEC .XX ±.975	XXX ±.01
DEC .XX ±.980	XXX ±.01
DEC .XX ±.985	XXX ±.01
DEC .XX ±.990	XXX ±.01
DEC .XX ±.995	XXX ±.01
DEC .XX ±.1000	XXX ±.01

CONTRACTING	
CONTRACT NO.	51351
CONTRACT DATE	05/21/03
CONTRACT DESCRIPTION	ANTENNA-VHF COMMUNICATIONS BROAD BAND-FM
CONTRACT DRAWING NO.	CI 177-20
CONTRACT SCALE	SCALE: --
CONTRACT SHEET NO.	SHEET 1 OF 1

APPROVALS	
DATE	05/14/03
DRAWN	F J GUYEN
CHECK	J GOMEZ
ENGR.	D HOLLOWAY
APPD.	D HOLLOWAY

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