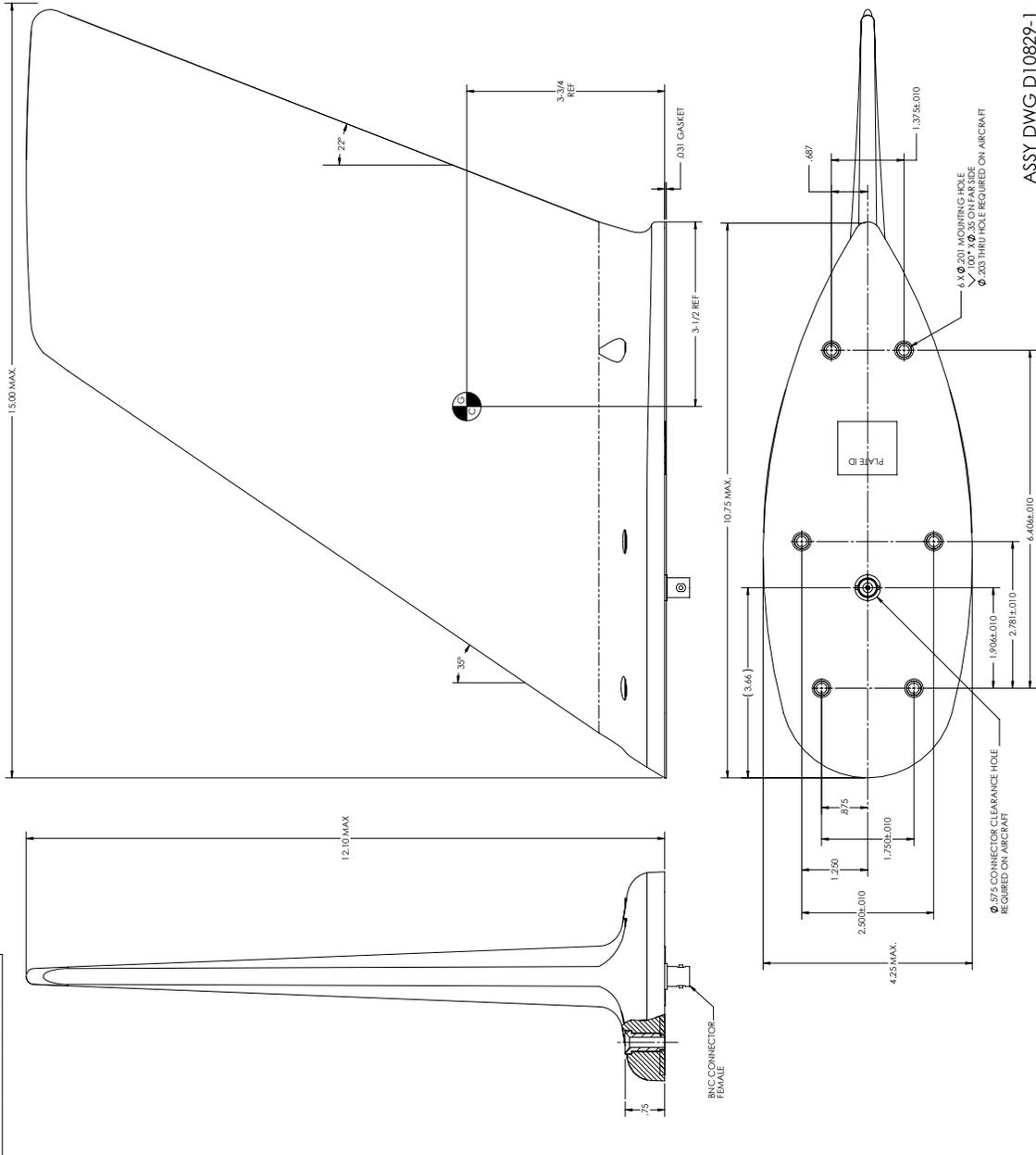


REV.	DESCRIPTION	DATE	APPROVED
B	REDRAWN FOR CLARITY	10/22/93	SC 10/25/93
C	REF ECN 98-117	12/29/98	HH 1/07/99
D	REF ECN 02-22	1/31/02	HH 02/7/02
E	REBORN IN CAD. REF ECH08095	11/25/08	HH 12/01/09
F	REF ECN 14-082	08/30/14	MN 08/31/14
G	REF ECN 17-054	3/7/17	MN 05/18/17
H	REF ECN 17-095	9/7/17	RN 09/26/17

NOTES, UNLESS OTHERWISE SPECIFIED

- RF CHARACTERISTICS
 - 1.1 FREQUENCY 118 - 163 MHz
 - 1.2 VSWR 2.5:1 MAX
 - 1.3 RETURN LOSS -7.36 dB
 - 1.4 POLARIZATION VERTICAL
 - 1.5 RADIATION PATTERN OMNIDIRECTIONAL
 - 1.6 POWER RATING 25 WATTS
 - 1.7 IMPEDANCE 50 OHMS
- MOUNTING SURFACE CONNECTOR AND MOUNTING HOLES ARE FREE OF PAINT.
- FINISH: GLOSSY WHITE POLYURETHANE PAINT NON YELLOWING AND SKYDROL RESISTANT.
- APPROVED PER TSO C374 C384; RTCA DO-160; ENV. CAT. ID2X ACB(RIC) M/F F/W/F/D X SXXXXXX/XXXXXX
- AERODYNAMIC CHARACTERISTICS: MAXIMUM DRAG OF 1.2 LBS AT 350 KNOTS. ANTENNA SHALL BE CAPABLE OF WITHSTANDING DRAG AND TURBULENCE EXPERIENCED AT SPEEDS UP TO 0.9 MACH
- AIR SPEED RATING: 600 KNOTS TAS @ 35,000 FT
- WEIGHT: 2.5 LBS. MAX.



INSTALLATION DRAWING

TEMP. NO.	PART NUMBER	DESCRIPTION	MATERIAL / SPECIFICATIONS
PARTS LIST			
UNLESS OTHERWISE SPECIFIED CONTRACT NO.			
TOLERANCES ON DIMENSIONS			
X ± 0.3 XX ± 0.1 XXX ± 0.05			
DIMENSIONS ± 0.02 UNLESS OTHERWISE SPECIFIED			
REMOVE BARRIERS AND TAPES FOR PARTS			
MEET DIMENSIONS BEFORE PLATING			
DIMENSIONS ARE PER ASME Y14.5M			
MATERIAL:			
DESIGN	DATE	DATE	DATE
DRWN: JH LEVIER	10/22/93	10/22/93	10/22/93
CHKD: E. CALOON	10/25/93	10/25/93	10/25/93
ENGR: DHOLCOMB	10/25/93	10/25/93	10/25/93
APPR: R.ALEXANDER	10/25/93	10/25/93	10/25/93
Comant Industries, Inc.			
ANTENNA-VHF COMMUNICATIONS			
EXTENDED FREQUENCY			
DATE	DATE	DATE	DATE
D 5/13/1	CI 108-1	H	H
SCALE: 1:1	1/4"=1"	SHEET: 1 OF 1	