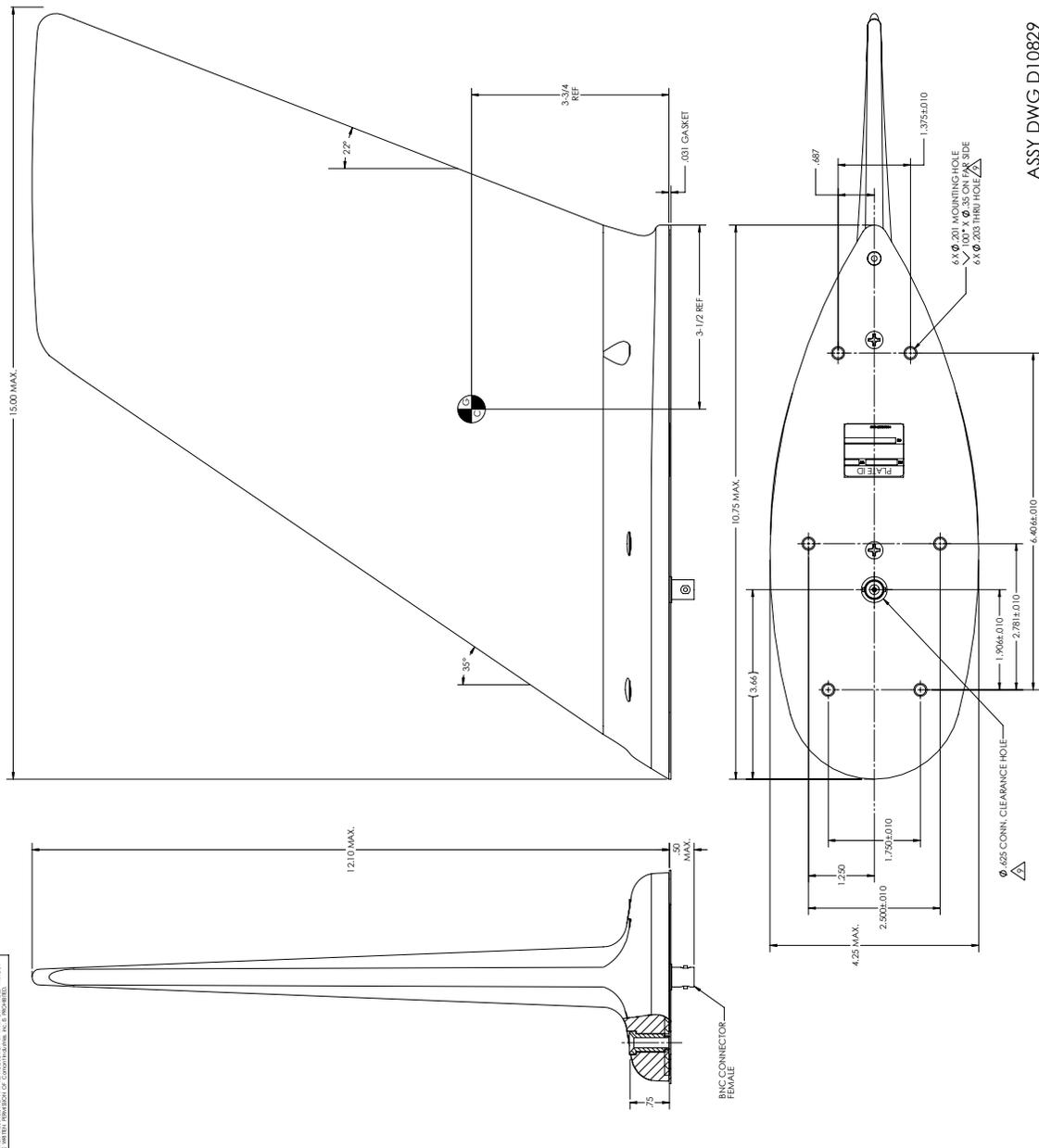


REV	DESCRIPTION	DATE	APPROVED
E	REF ECH 87-4	HN 4/01/88	RS 4/21/88
F	REF ECH 88-230	HN 9/27/88	DH 9/28/88
G	REF ECH 92-3	HN 7/22/92	DH 7/22/92
H	REF ECH 95-117	HN 12/29/95	DH 01/07/99
J	REF ECH 99-01	HN 03/10/99	DH 03/10/99
K	REF ECH 99-91	W 1/29/99	DH 7/29/99
L	REF ECH 99-91	W 1/29/99	DH 7/29/99
M	REF ECH 14-02	HN 11/25/08	DH 12/10/08
N	REF ECH 14-02	HN 08/29/14	DH 08/29/14
P	REF ECH 17-054	RM 05/18/17	DH 05/18/19
R	REF ECH 19-075	RM 9/9/19	DH 09/09/19
T	REF ECH 19-115	RM 8/13/20	DH 9/3/20

NOTES: UNLESS OTHERWISE SPECIFIED

- RF CHARACTERISTICS
 - FREQUENCY 118 - 137 MHz
 - VSWR 2.5:1 MAX
 - RETURN LOSS -7.36 dB
 - POLARIZATION VERTICAL
 - RADIATION PATTERN OMNI DIRECTIONAL
 - POWER RATING 25 WATTS
 - 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-160D, ENV. CAT.: (D2)(A)(B)(R)(C)(U)(F)(V)(W)(F) XSXXXXXXXXXXXX
- THIS DRAWING AND SPECIFICATIONS ARE PROPRIETARY AND SHALL NOT BE REPRODUCED OR COPIED OR USED AS THE BASIS FOR THE MANUFACTURE OR SALE OF APPARATUS OR DEVICES WITHOUT PERMISSION.
- AERODYNAMIC CHARACTERISTICS: MAXIMUM DRAG OF 1.2 LBS AT 330 KNOTS. ANTENNA SHALL BE CAPABLE OF WITHSTANDING DRAG AND TURBULENCE EXPERIENCED AT SPEEDS UP TO 0.8 MACH
- AIR SPEED RATING: 600 KNOTS TAS @ 35,000 FT
- WEIGHT: 2.5 LBS. MAX.
- INDICATE HOLE THRU OML OF AIRCRAFT REQUIRED FOR INSTALLATION.
- THE C 108-(-) SERIES INCLUDES THE C 108-L, C 108-BCH, C 108-BCH-L, C 108-L, C 108-L-L MODELS. SEE INDIVIDUAL OUTLINE DRAWINGS FOR DETAILS.



INSTALLATION DRAWING

ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL SPECIFICATIONS
PARTS LIST			
CONTRACT NO.			
APPROVALS			
DATE	8/10/84	APPROVED BY	A. TAMI
CHECK	8/10/84	APPROVED BY	R. SKEN
ENG'G	8/10/84	APPROVED BY	R. SKEN
APP'D	8/10/84	APPROVED BY	R. ALEXANDER
DO NOT SCALE DRAWING			
UNLESS OTHERWISE SPECIFIED			
TOLERANCES ON DECIMALS			
FRACTIONS			
MACHINE FINISH 125 PER ANS B46.1			
REMOVE BURRS AND CHAMFER EDGES			
MEET DIMENSIONS BEFORE PLATING			
DIMENSIONS ARE PER ASME Y14.5M			
MATERIAL:			
SCALE: 1:1 CAD FILE: ..			
SHEET 1 OF 1			

Comant Industries, Inc.
ANTENNA-VHF COMMUNICATIONS

ASSY DWG-D10829