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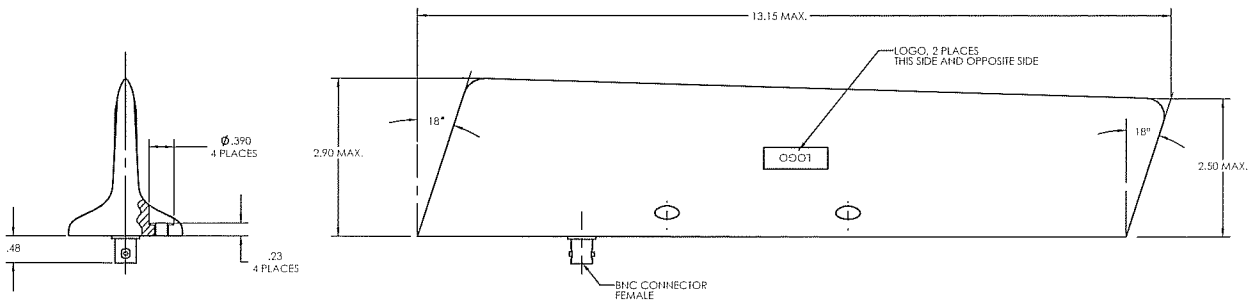
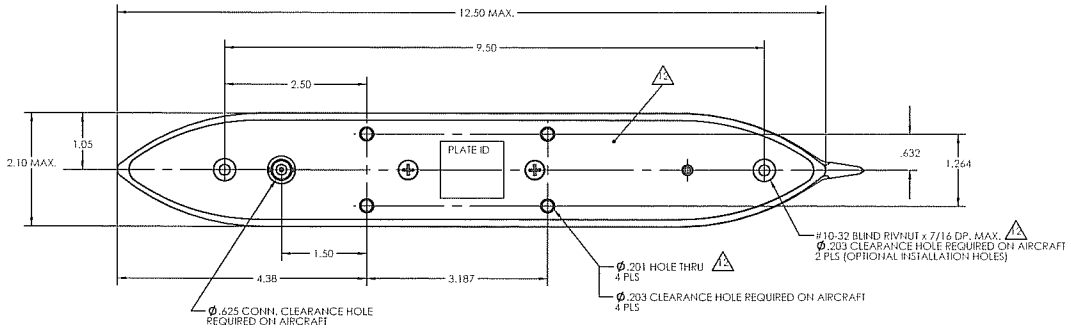
REVISIONS				
LTR	DESCRIPTION		DATE	APPROVAL
A	RELEASED DRAWING	HN	06/13/05	DH 06/13/05
B	REF ECN 08-095	MN	12/08/08	DH 12/09/08





NOTES: UNLESS OTHERWISE SPECIFIED.

1. APPLICATION: MARKER BEACON RECEIVER OPERATION AT 75 MHz INTENDED FOR BOTTOM FUSELAGE MOUNTING.
2. POLARIZATION: PARALLEL TO THE MOUNTING PLANE.
3. PATTERN: PRIMARILY DOWNWARD.
4. IMPEDANCE: 50 OHMS
5. VSWR: LESS THAN 1.7:1 AT 75 MHz.
   RETURN LOSS: -11.73dB.
6. TSO C35d (INCOMPLETE SYSTEM), CLASS A, RTCA DO-138 ENV. CAT.: AASXXXXXXXXX
7. PRECIPITATION STATIC: ANTENNA ELEMENT TO BE GROUNDED FOR MINIMUM PRECIPITATION STATIC PICKUP.
8. AERODYNAMIC CHARACTERISTICS:
   MAX. DRAG OF 0.3 LB AT 350 KNOTS. ANTENNA SHALL BE CAPABLE OF WITHSTANDING DRAG AND TURBULENCE AT SPEED UP TO 0.9 MACH
9. FINISH: WHITE POLYURETHANE PAINT, NON YELLOWING, SKYDROL RESISTANT.
10. WEIGHT: 0.8 LB.
11. AIR SPEED RATING: 400 KNOTS TAS @ 25,000 FT
12. NO PAINT ON MOUNTING SURFACE AND MOUNTING HOLES.
13. A11826 INSTALLATION INSTRUCTIONS SUPPLIED WITH ANTENNA.

--	ITEM NO	PART NUMBER	DESCRIPTION	MATERIAL / SPECIFICATIONS
QTY REQD	PARTS LIST			

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ON DECIMALS
XX ± .01 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
MATERIAL : --
DO NOT SCALE DRAWING

CONTRACT NO

APPROVALS		DATE
DRAWN	H. NGUYEN	6/09/05
CHECK	D. HOLLOWAY	6/09/05
ENGR	D. HOLLOWAY	6/10/05
QC	S. ADAMS	6/13/05
APPD	D. HOLLOWAY	6/13/05

Comant Industries, inc.

ANTENNA-MARKER BEACON

DWG SIZE	CODE IDENT	DWG NO	REV
D	51351	CI 118-10	B

SCALE: -- CAD FILE -- SHEET 1 OF 1

CI 118-10 B