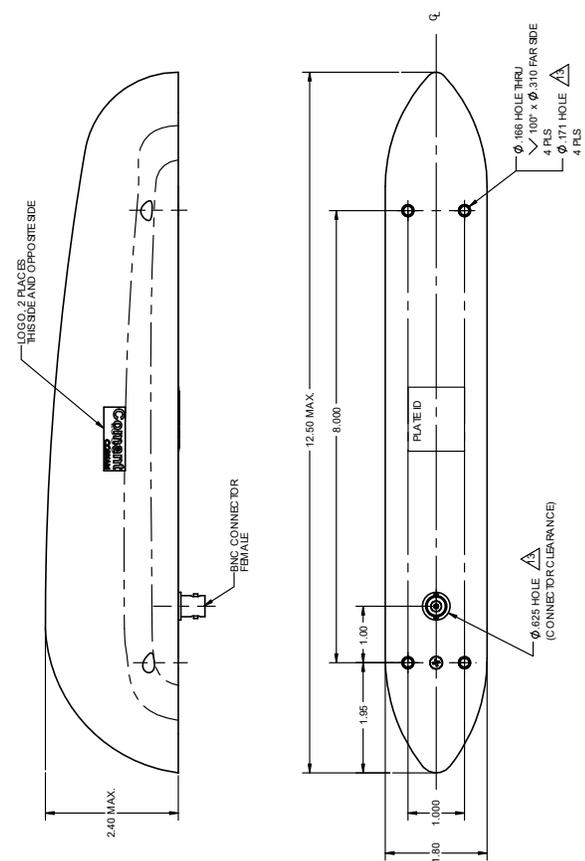


REVISIONS		
REV	DESCRIPTION	DATE
E	REF ECN 07-102 REDRAWN IN CAD	06/28/07 BY 422803
F	REF ECN 08-095	07/08/08 BY 170202
G	REF ECN 17-855	05/18/17 BY 1218177



INSTALLATION DRAWING

ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL / SPECIFICATIONS
PARTS LIST			
Comant Industries, Inc.			
ANTENNA-MARKER BEACON			
QTY REQD	CONTRACT NO.	APPROVALS	DATE
		DRAWN F. BOCCARANDA	3/29/02
		CHECK R. PORTYER	3/29/02
		ENGR R. PORTYER	3/29/02
		APPD L. BROWN	3/29/02
TOLERANCES UNLESS OTHERWISE SPECIFIED		CONTRACT NO.	
DIMENSIONS ARE IN INCHES			
FRACTIONS TO 1/16" UNLESS OTHERWISE SPECIFIED			
MACHINE FINISH UNLESS OTHERWISE SPECIFIED			
CHECK SHARP EDGES 0.015 MAX			
MATERIAL: 303 STAINLESS STEEL			
DO NOT SCALE DRAWING			
SCALE: 1:1		SHEET 1 OF 1	

ASSEMBLY DRAWING D:11801-1

- NOTES UNLESS OTHERWISE SPECIFIED.
- APPLICATION: MARKER BEACON RECEIVER OPERATION AT 75 MHz INTENDED FOR BOTTOM FUSELAGE MOUNTING.
 - POLARIZATION: PARALLEL TO THE MOUNTING PLANE.
 - PATTERN: PRIMARILY DOWNWARD.
 - IMPEDANCE: 50 OHMS
 - VSWR: LESS THAN 1.5:1 AT 75 MHz.
 - PERFORMANCE REQUIREMENTS: ANTENNA SHALL BE ORDERED ALL REQUIREMENTS OF FAA AC 43.13-1 (FORM 138) BY CAT. A: AS00000000X
 - PRECAUTION STATEMENT: ANTENNA ELEMENT TO BE DC GROUNDING FOR MINIMUM PRECIPITATION STATIC PICKUP.
 - AERODYNAMIC CHARACTERISTICS: MAX. DRAG OF 0.3 LB AT 350 KNOTS, ANTENNA SHALL BE CAPABLE OF WITHSTANDING DRAG AND TURBULENCE AT SPEED UP TO 0.3 MACH
 - CONSTRUCTION: MOLDED WITH POLYURETHANE
 - MATING CONNECTOR: BNC, LG-88D/U.
 - WEIGHT: 0.7 LB MAX.
 - AIR SPEED RATING: 400 KNOTS (AS @ 25,000 FT)
 - HOLE REQUIREMENTS: DIM. OF AIRCRAFT FOR INSTALLATION.
 - INSULATION: INSULATION SUPPLIED WITH ANTENNA.