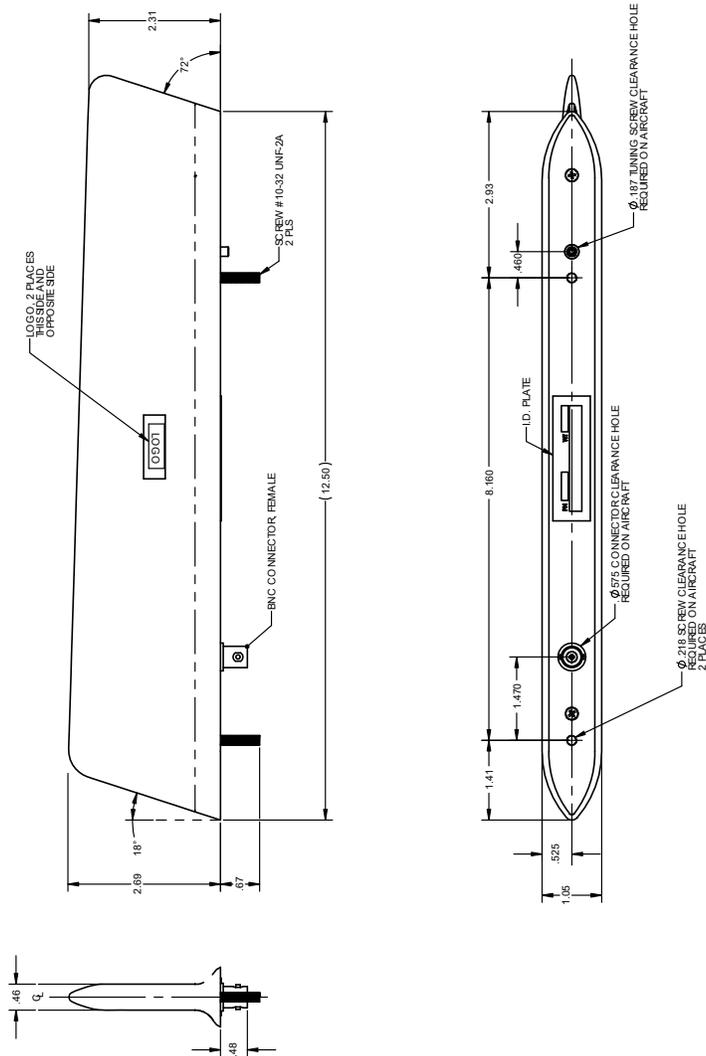


REVISIONS			
REV	DESCRIPTION	DATE	APPROVAL
A	REF ECN 05-263	HN 07/15/06	JF 07/15/06
B	REF ECN 08-095	NN 12/08/08	PH 12/08/08
C	REF ECN 17-055	NN 05/18/17	PH 05/18/17



- NOTES UNLESS OTHERWISE SPECIFIED.
- SPECIFICATIONS
- APPLICATION: MARKER BEACON RECEIVER OPERATION AT 75 MHz INTENDED FOR BOMBING FUSELAGE MOUNTING.
 - POLARIZATION: PARALLEL TO THE MOUNTING PLANE.
 - PATTERN: PRIMARILY DOWNWARD.
 - IMPEDANCE: 50 OHMS
 - VSWR: LESS THAN 1.51 AT 75 MHz. RETURN LOSS: -13.98dB.
 - PERFORMANCE REQUIREMENTS
 - ANTENNA MEETS ALL REQUIREMENTS OF FAA TSO C354, DO-180B ENV. CAT. (D2) MAX (S/C F) YRFRSXXXXXXXXXXXXXXXXXXXX
 - PRECIPITATION STATIC: ANTENNA ELEMENT TO BE DC GROUND FOR MINIMUM PRECIPITATION STATIC PICKUP.
 - AERO DYNAMIC CHARACTERISTICS: MAX. DRAG OF 0.3 LB AT 350 KNOTS. ANTEENNA SHALL BE CAPABLE OF WITHSTANDING DRAG AND TURBULENCE AT SPEED UP TO 0.8 MACH
 - CONSTRUCTION: MOLDED RIGID FOAM FINISH: WHITE POLYURETHANE PAINT
 - MATING CONNECTOR: BNC, UG-48/U.
 - WEIGHT: 0.65 LB
 - AIR SPEED RATING: 400 KNOTS @ 25,000
 - A1828 INSTALLATION INSTRUCTIONS SUPPLIED WITH ANTENNA.

INSTALLATION DRAWING

DIMENSIONS UNLESS OTHERWISE SPECIFIED		CONTRACT NO.	
DIMENSIONS ARE IN INCHES			
TOLERANCES ON DECIMALS			
FRACTIONS	± 1/16 ANGLES ± 1°	APPROVALS	
MACHINE FINISH UNLESS OTHERWISE SPECIFIED		DATE	
SHARP EDGES 0.015 MAX		DRAWN	10/25/00
HOLE DIMENSIONS REFER TO DRAWING		CHECK	11/20/00
HOLE DIMENSIONS REFER TO DRAWING		ENGR	11/20/00
MATERIAL:		APPROV	11/20/00
		CC	11/20/00

PARTS LIST		Comant Industries, Inc.	
QTY	DESCRIPTION	DATE	
1	ANTENNA MARKER BEACON	10/25/00	
1	INSTALLATION INSTRUCTIONS	11/20/00	
1	CONTRACT NO.	11/20/00	
1	SCALE	11/20/00	
1	REV	11/20/00	
1	CI 118-9	11/20/00	
1	CI 118-9	11/20/00	

ASSEMBLY DRAWING D1181Z