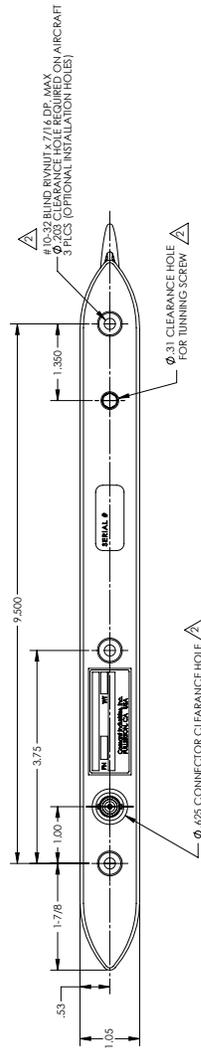
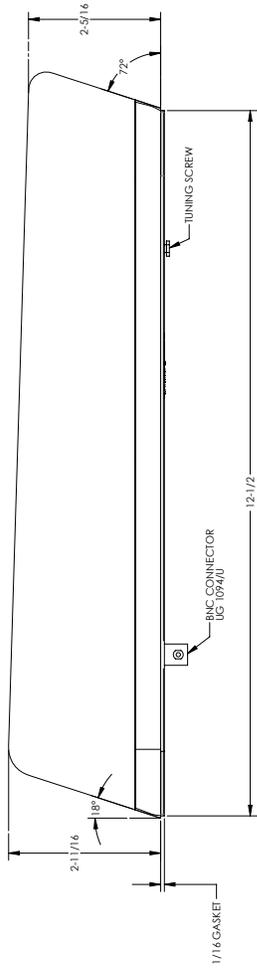
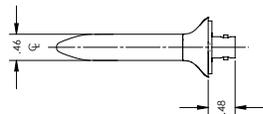


REVISONS	
LR	DESCRIPTION
E	REF EGN 89-95
F	REF EGN 15-006
G	REF EGN 17-055
H	REF EGN 20-060

DATE / APPROVED	
HN	10/06/89 SC 11/2/89
MN	02/26/13 DH 3/03/13
MN	05/16/17 DH 5/18/17
RM	5/31/21 DH 07/07/21



SPECIFICATIONS:

- 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.
- RETURN LOSS: 13.9dB
- PERFORMANCE REQUIREMENTS
ANTENNA SHALL MEET OR EXCEED ALL REQUIREMENTS OF FAA TSO C364, CLASS A, DO-138 BY CAT: AXXXXXXX
- PRECIPITATION STATIC: ANTENNA ELEMENT TO BE DC GROUNDED FOR MINIMUM PRESCRIPTION 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 0.7 MACH
- CONSTRUCTION: MOLDED RIGID FOAM
- FINISH: WHITE POLYURETHANE PAINT
- MATING CONNECTOR: BNC, UG-98/U.
- WEIGHT: 0.75 LB. MAX.
- AIR SPEED RATING: 400 KNOTS TAS @ 25,000

INSTALLATION DRAWING

UNLESS OTHERWISE SPECIFIED		CONTRACT NO.	
TOLERANCES ON DECIMALS		Comant Industries, Inc.	
.XX, 1.00	XXX, 1.00	APPROVALS	DATE
MACHINE FINISH 125/32" FEET, 125/32" FEET		DRAWN	F. FRADO
REMOVE BURRS AND		CHECKED	H. SUMMERS
MEET DIMENSIONS BEFORE PLATING		ENGR.	H. SUMMERS
DIMENSIONS ARE PER ASME Y14.5M		APPD	MAS III
MATERIAL: ...		DATE	08/22/21
DO NOT SCALE DRAWING		SCALE: 1:1	020 FILE: ...

PARTS LIST	
ANTENNA-MARKER BEACON	
QTY	DESCRIPTION
1	ANTENNA-MARKER BEACON

ASSEMBLY DRAWING D11801

NOTES: UNLESS OTHERWISE SPECIFIED:
 CONSULT FAA ADVISOR CIRCULAR 43-13-2 FOR PROPER INSTALLATION.
 ▲ HOLES IN OML OF AIRCRAFT FOR INSTALLATION.

CI 118	REV. H
CI 118	REV. H