



87C1108-1

LOUD & CLEAR®

PRODUCT DESCRIPTION

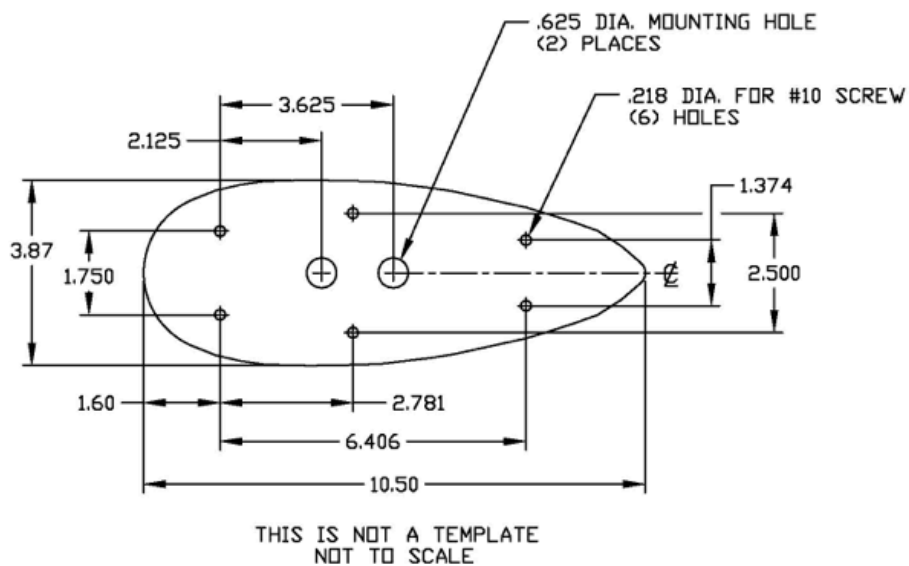
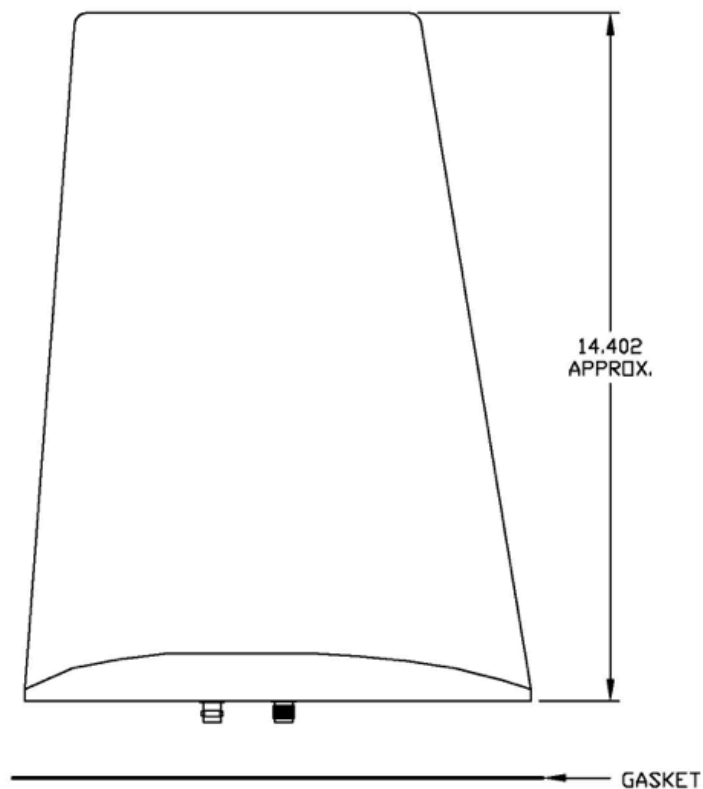
Model Number	87C1108-1
Part Number	87C1108-1
NSN	5985-01-395-6032
Market	Military–Air

Frequency	116–152, 225–400 MHz
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The 87C1108-1 Antenna is a combined VHF/UHF airborne communications antenna. The outside surfaces of the antenna are abrasive resistance fiberglass epoxy and the inside is filled with foam to reduce the effect of extreme temperature changes, extreme humidity, and excessive shock and vibration. The antenna is produced to meet the electrical requirements of MIL-E-5400, and the environmental requirements of MIL-STD-810. Drag force on the antenna at Sea Level and at zero (0) angle of attack is 1.0 lb at 250 mph and 2.5 lb at 400 mph. The isolation between the bands is > 40 dB. A gasket for RF shielding and positive sealing is included. The antenna is coated with a Skydrol resistant lusterless CARC black paint.

PRODUCT SPECIFICATIONS

Application	Airborne Communications
Frequency	116–152, 225–400 MHz
Impedance	50 Ohms Nominal
VSWR	3.0:1 Maximum
Polarization	Vertical
Pattern	Omni-Directional
Connector	VHF: "BNC" Female UHF: "TNC" Female
Max Weight	3.5 lbs.
RF Power Capacity	50 Watts Continuous
Gain	-6 dBd Minimum
Color	CARC Black



(not to scale)