

# Marker Beacon S35-2000-10



## Description

This marker beacon antenna is flush-mounted and designed for aircraft frames with a 49-inch radius. The antenna is fabricated from a foam-filled, one piece drawn aluminum can. The antenna is foam filled with a fiberglass radome.

The S35-2000-10 antenna's radiating element is DC grounded to withstand lightning strikes and is hermetically sealed.

## Federal & Military Certifications:

TSO-C35c and DO-108.

## Specifications

### Electrical

Frequency	75.0 MHz
VSWR	≤1.5:1 @ 75.0 MHz ≤5.0:1 @ 75.0 ±0.15 MHz

Polarization Linear along Major Axis

Pattern Single Downward Lobe

Impedance 50 Ω

### Mechanical

Weight 1.9 lbs.

Height 3.16 in.

Length 11.75 in.

Width 7.75 in.

Material Aluminum Alloy Cavity / Fiberglass Radome

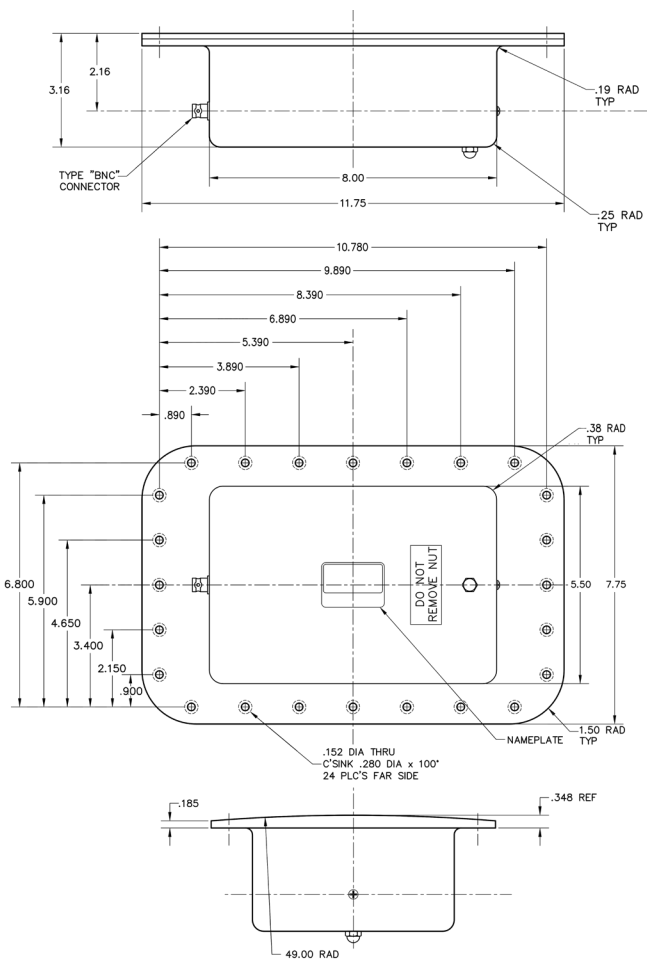
Finish Color: Lt. Gray Primer

Connector BNC Female

### Environmental

Temperature (Operating) -55°C (-67°F) to +71°C (+160°F)

Altitude 70,000 ft.



Please Note: For REFERENCE ONLY  
Contact Sensor Systems for latest drawing



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