

# VHF S65-8280-45



## Description

**S65-8280-45:** An all-metal VHF antenna. The antenna is DC grounded to provide lightning protection and eliminate "P" static. It is hermetically sealed to provide a lightweight, low-drag and rugged exterior.

The antenna is ideal for both general aviation and corporate aircraft.

The antenna is interchangeable with Collins 37R-2, Dayton Granger VC10-126, DMC 60 and Chelton 12-1 through 12-7 Series..

**Federal & Military Certifications:** FAA TSO C-37d, C38d, and C169a, DO-160G, MIL-A-6271C, MIL-HDBK-5400, MIL-STD-810B/D and SAE ARP5416.

## Specifications

### Electrical

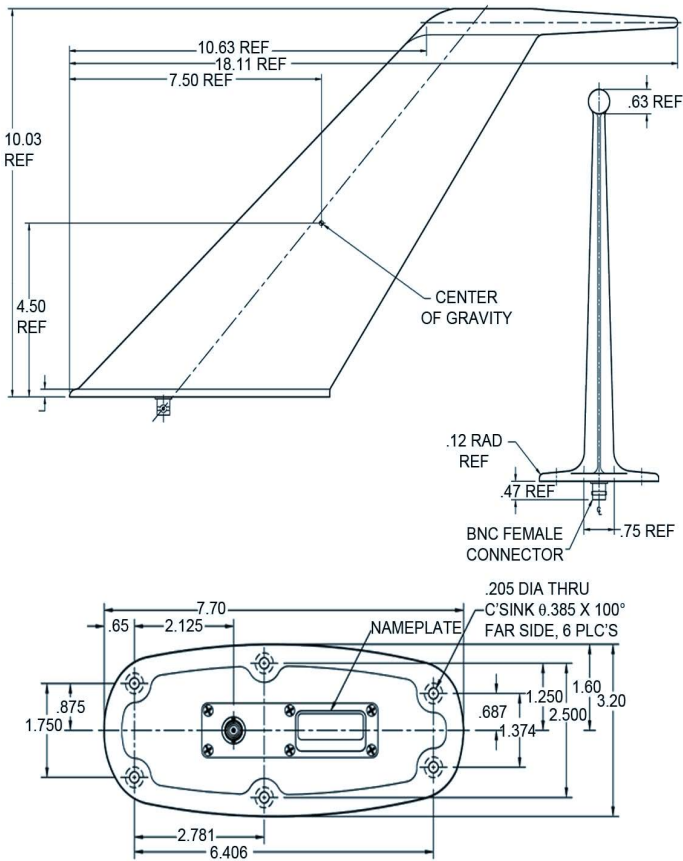
Frequency	118-152 MHz
VSWR	≤ 2.5:1
Polarization	Vertical
Patterns	1/4 Wave Monopole
Impedance	50 Ω
Power	40 Watts

### Mechanical

Weight	2.0 lb.
Height	10.03 in.
Length	7.70 in.
Width	3.20 in.
Material	A-356 Aluminum Alloy
Finish	Skydrol Resistant Polyurethane Enamel
Connector	BNC Female
Drag	M.80 @ 35,000 ft. = 0.7 lb.

### Environmental

Temperature	-53°C (-64°F) to +95°C (+203°F)
Altitude	80,000 ft.



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



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