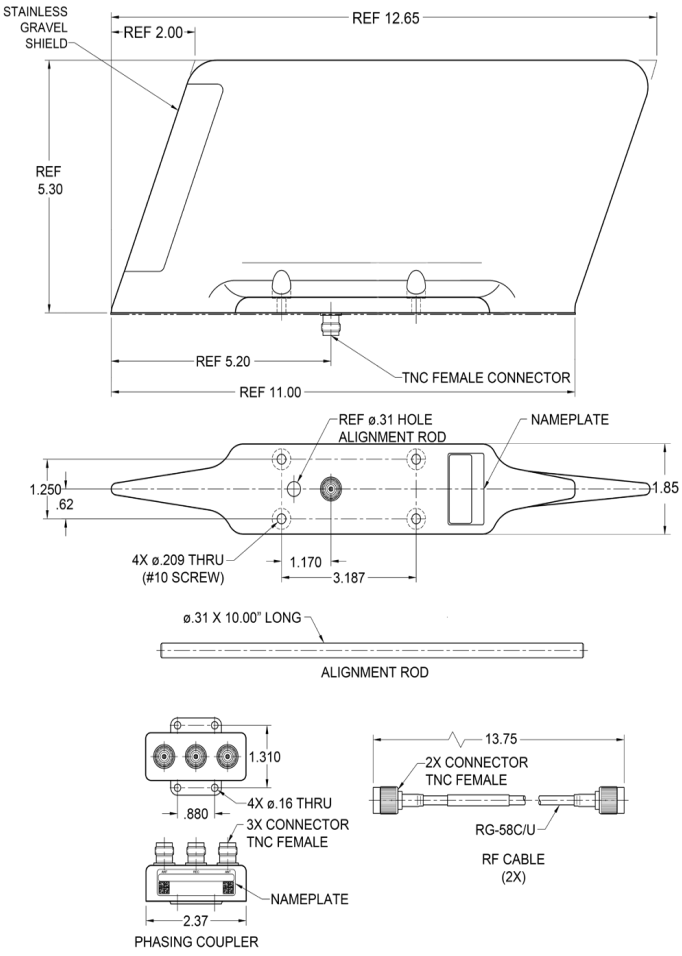
VOR/LOC/Glide Slope S65-247-22



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

Description

The VOR/LOC/Glide slope antenna systems consists of a pair of blade antennas, a phasing coupler, two 13.75 inch cables, and an alignment rod.

The **S65-247-22** system features a balanced loop design that guarantees an omnidirectional radiation patterns at the horizon, allowing for optimal signal acquisition. The blade antennas come with a stainless steel leading edge, ensuring resistance against erosion.

The system is suitable for employment in single and twin jets and rotor aircrafts. The bolt pattern is interchangeable with the Comant CI-120 and Dayton Granger 15960.

Federal & Military Certifications:

TSO 34d, C36d, C40b, DO-160A and DO-153A.

Specifications

Electrical	
Frequency	VOR/LOC: 108-118 MHz Glide Slope: 328-336 MHz
VSWR	≤5.0:1
Gain	0 ±2 dBi
Polarization	Horizontal
Patterns	VOR/LOC: Omnidirectional Glide Slope: Forward
Polarization	Horizontal
Impedance	50 Ω
Mechanical	
Weight (Per Blade)	1.3 lbs. per blade
Height	5.3 in.
Material	Aluminum Alloy Base / Fiberglass
Finish	Skydrol Resistant Polyurethane Enamel
Connector	TNC Female
Drag	Mach 0.85 @ 35,000 ft = 1.2 lbs.
Environmental	
Temperature (Operating)	-55°C (-67°F) to +70°C (+158°F)
Altitude	50,000 ft.
Accessories	
Blade Antennas	S65-247170-2 (2x)
Phasing Coupler	SSPD-113-33
RF Cable	S65-247110 (2x)
Alignment Rod	S65-24727

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