

ELT S65-1231

Description

This all-aluminum Cospas/Sarsat approved ELT antenna covers 406, 121.5 and 243.0 MHz distress signal frequencies. The antenna is designed for high-speed aircraft.

The lightweight and low drag blade antenna is specially designed to cater to the needs of high-speed aircraft. The **S65-1231** antenna is built with a rugged construction

The antenna comes equipped with a BNC female connector, and designed to be compatible with multiple radio systems.. The S65-1231 is a direct replacement for existing ELT blade-style antennas and conforms to the original equipment's form, fit and function specifications.

Federal & Military Certifications:

TSO C91A, C126, DO-160D/G, DO-204A, MIL-A-9094, MIL-B-5087, MIL-HDBK-5400, MIL-STD-810B/D, and SAE ARP5416.

Specifications

Electrical

Frequency	121.5 MHz 243.0 MHz 406.0 MHz
VSWR	121.5 MHz: ≤2.0:1 243.0 MHz: ≤2.3:1 406.0 MHz: ≤1.5:1
Polarization	Vertical
Pattern	Omnidirectional in Azimuth Cosinusoidal in Elevation
Impedance	50 Ω
Power	121.5 MHz: 150 mW 243.0 MHz: 150 mW 406.0 MHz: 5 W

Mechanical

Weight	23 oz.
Height	7.50 in.
Length	7.50 in.
Width	2.13 in.
Material	A356-T61 Aluminum Alloy Casting
Finish	Skydrol Resistant Polyurethane Enamel
Connector	BNC Female
Drag	M.85 @ 35,000 ft. = 0.6 lbs.

Environmental

Temperature	□ □ -5°C (-6°F) to 5°C (+41°F) □
Altitude	□ 50,000 ft.

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



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