



# ARTEX SLB406

406 MHz Emergency Locator Transmitter



ELT

The SLB406 was developed for use by crew members in the cabin or upon inflation of a life-raft. Engineered for ease of operation, the SLB406 is activated by pushing a large "Activate" button when requested by the aircraft's pilot in addition to the automatic fixed ELT on board.



SLB406

THE SCIENCE OF SURVIVAL



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# ARTEX SLB406

Survival Locator Beacon System

### Product feature

The SLB406 meets the demanding RTCA DO-183 and DO-204 aviation standards. The beacon is made of tough polycarbonate plastic and is designed to withstand the crush, shock and impact forces associated with a plane crash.

### Easy to use

The SLB 406 can be activated with either the right or left hand, and the buttons are large enough to be operated while wearing gloves. The self-tests check out the internal operation of the beacon to run a set of self-tests. The user or maintainer is provided with a visual indication of test activation, and either pass or fail.

### Accurate

The 406 MHz signal emitted by the transmitter provides location accuracy of less than 1.86 miles (3 kilometers).



## SPECIFICATIONS



### Cospas/Sarsat Beacon

Frequency: 406.028 MHz  
Power: 5W +/-2dB  
Modulation: Phase modulation +/- 1.1 Radians  
Stability: Full compliance with Cospas/Sarsat specifications

### Homing Beacon

Frequency: 121.5 MHz  
Power: 100 mW  
Modulation: Amplitude modulation, swept downwards between 1000 Hz and 300 Hz with a sweep rate of 3Hz

### Operational

Activation: On hand, gloved operation, left or right; Auto-Activation lanyard  
Endurance: 50 hours @ -20°C (-4°F)  
Antenna: 40 cm flexible antenna  
Controls: Activate, Off, Test  
Indicators: Transmit, Test Pass, Test Fail

### Environmental

Altitude: Up to 15,000 meters (50,000 ft)  
Rapid Decompression: Will survive at up to 15,000 meters (50,000 ft)  
Depth: Waterproof to 10 m  
Operating Temperature: -20°C to +55°C (-4°F to 131°F)  
Humidity: 95% at +55°C (131°F)

### Maintenance

Battery Storage: 5 years  
Built in Test: Functional test with pass/fail indicators  
Battery Type: LiSO<sub>2</sub>  
Storage Temperature: -40°C to +85°C (-40°F to 185°F)

### Construction

Material: Poly-carbonate high impact plastic with UV inhibitors  
Color: Safety Yellow  
Outside Dimensions: 178 mm x 90 mm x 55 mm with cover  
Weight: 720 g (including batteries and cover)  
Volume: 560 cm<sup>3</sup>  
Design Specifications: RTCA DO-204; RTCA DO-183; Cospas/Sarsat.T.001

### Why Choose Artex?

- Boeing
- Cessna
- Hawker Beechcraft
- Piper
- Cirrus
- Diamond
- Quest
- Gulfstream
- Bombardier/Learjet
- Embraer
- Sikorsky
- Bell
- U.S.A Military

### Because They Do

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