

# SRB-406 ELT

The DME SRB-406 Emergency Locator Transmitter provides satellite-based position locating during search and rescue operations. The single antenna version is used for non-reversible, self-righting rafts, while the dual antenna version is used for reversible rafts.

## Models

SRB-406 Single Antenna  
SRB-406 Dual Antenna

## Size and Weight

### Size: Single & Dual Antenna

6.0 in L x 2.5 in W x 2.5 in H  
(15.24 cm L x 6.35 cm W x 6.35 cm H)

### Weight

Single Antenna: 1.69 lbs (.765 kg)  
Dual Antenna: 1.81 lbs (.822 kg)

## Part Numbers

### Description

SRB-406 Single Antenna

### Part Number

P3-03-0041-001  
(-901 for non-USA)

SRB-406 Dual Antenna

P3-03-0041-002  
(-902 for non-USA)

## Certifications

- TSO-C126, TSO-C142, TSO-C91a, C/S T.001, JTSO-2C126
- Industry Canada - # IC: 4628A-P3030041001
- ANATEL (Brazil) - # 4297-14-4957



**dme**

## KEY BENEFITS

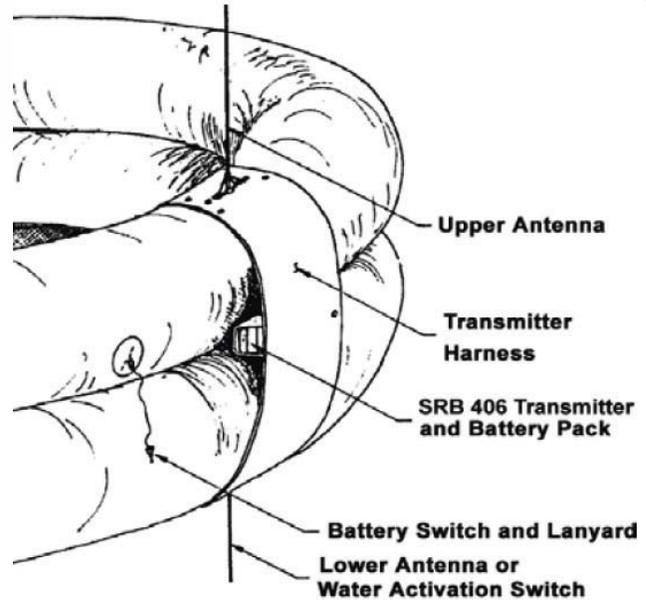
- Meets FAA and EASA requirements
- Triple frequency – 121.5, 243.0 & 406.028 MHz
- Compact lightweight design
- Rugged design
- Replaceable battery pack
- Replaceable antenna(s)
- Manual or automatic activation
- Self-test function: battery voltage, phase locked loop, RF power, RF frequency

## ORDERING INFO

130 Commerce Way  
East Aurora, NY 14052 USA  
+1.716.655.0800  
LSINYSales@astronics.com  
[astronics.com/emergencysystems](http://astronics.com/emergencysystems)

## Specifications

- **Transmitter Duty Cycle:** 5 watt digital signal every 50 seconds, for 440 MS duration
- **Homing Signal Tone Frequency:** 700 Hz Sweep Between 1600 and 300 Hz
- **Homing Signal Tone Sweeping Rate:** 2 to 4 times per second
- **Operating Temperature Range:** -20 °C to 55 °C (-4 °F to 131 °F)
- **Homing Signal Operating Range:** 100-280 miles (160-450 km), subject to atmospheric conditions, receiver altitude, and sensitivity
- **Antenna:** Flexible, Omnidirectional, Vertically Polarized, Field Replaceable, Whip
- **Frequency:** 121.5 MHz, 243.0 MHz, 406.028 MHz
- **Compressive Packing Load:** 100 lbs/sq. in. (6,895 kPa)



## Power

- Battery Operating Life: 50 hours (homing)
- Battery Operating Life: 24 hours (406 MHz)
- Battery Expiration Date: 6.0 years from DOM