

# 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 and Dual Antenna  
SRB-406 S-Type with Float

## 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)

### Size: S-Type with Float

6.0 in L x 6.0 in W x 10.25 in H  
(15.24 cm L x 15.24 cm W x 26.04 cm H)

### Weight

Single Antenna: 1.69 lbs (.765 kg)  
Dual Antenna: 1.81 lbs (.822 kg)  
Float: 2.69 lbs (1.220 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)

SRB-406 S-type with Float  
(USA Country coding)

P3-03-0041-010

SRB-406 S-type with Float  
(International Country coding)

P3-03-0041-911



**dme**

## KEY BENEFITS

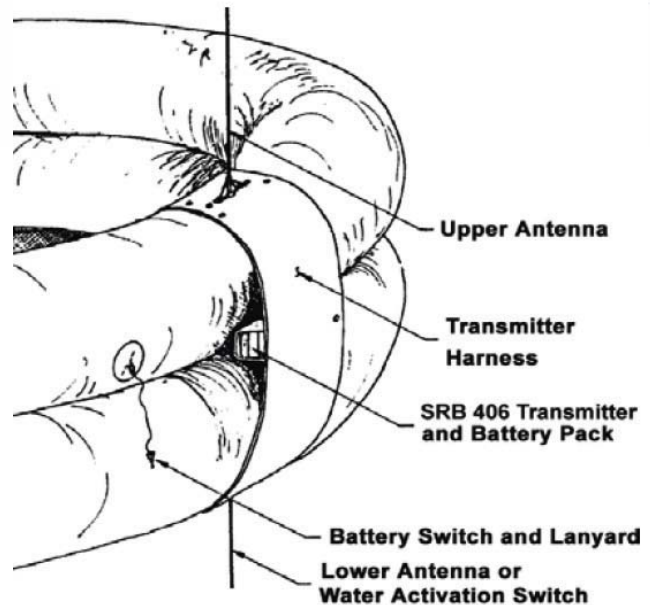
- Meets FAA and EASA requirements
- Triple frequency – 121.5, 243.0 & 406.028 MHz
- Compact lightweight design
- Rugged design
- Replaceable battery pack
- Replaceable antenna(s)
- Manual or automatic activation
- Self-test function: battery voltage, phase locked loop, RF power, RF frequency
- SRB-406 S-Type with float option

## 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

## Certifications

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

## SRB-406 S-Type with Float

This portable unit is designed to be accessible to aircraft personnel in case of emergency.



Actual product specifications may have changed since the printing of this datasheet. Specifications are not binding. Confirm current specifications at time of order.