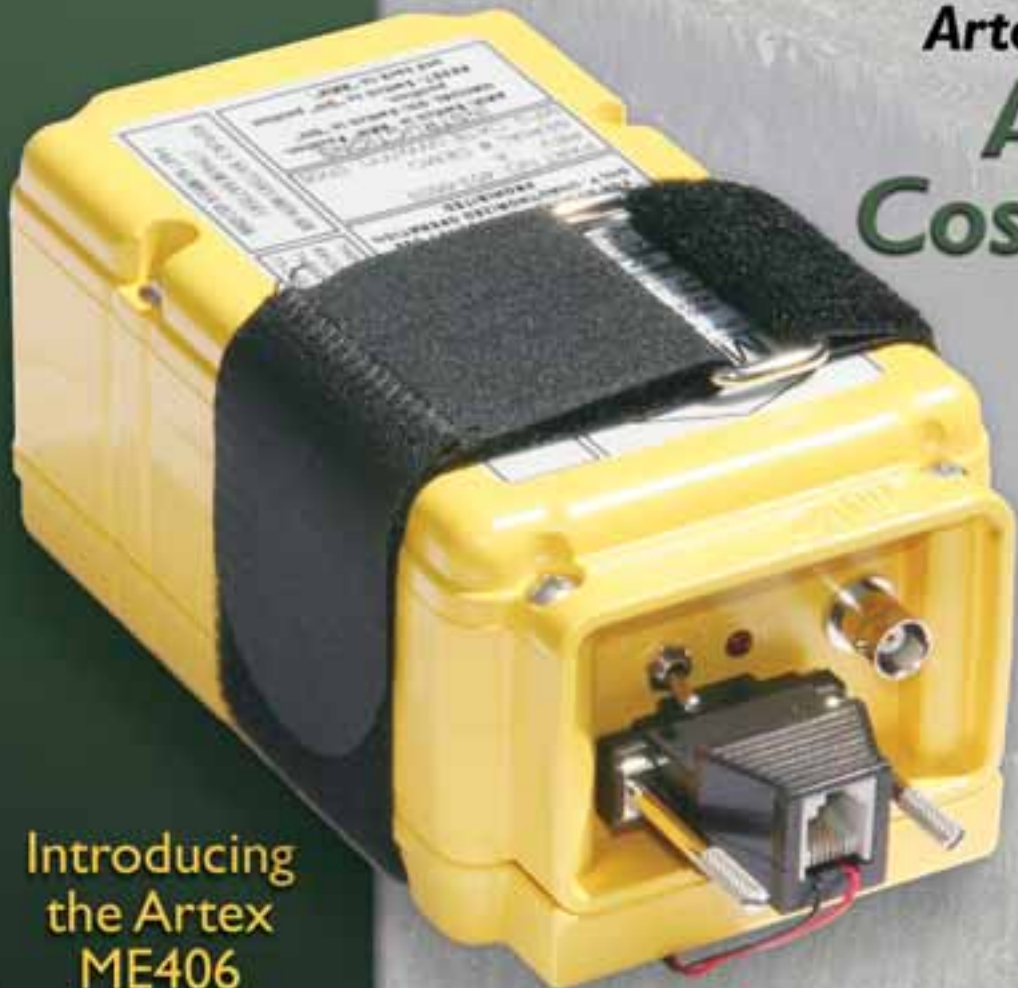


# Artex presents ACE: Absolute Cost Efficiency

Upgrade ACK and  
Ameri-King ELTs to Artex  
406 MHz Technology

Reduce  
Installation  
Costs for  
406 MHz  
Upgrades



Introducing  
the Artex  
ME406  
Emergency  
Locator  
Transmitter

with  
ACK/Ameri-King  
Retrofit System

SMALLEST  
& LIGHTEST  
406 ELT IN THE  
INDUSTRY!



"Saving Lives"

ARTEX AIRCRAFT SUPPLIES  
P.O. Box 1270  
Canby, OR 97013  
email: [info@artex.net](mailto:info@artex.net)  
[www.artex.net](http://www.artex.net)

- Based on popular Artex ME406 system
- Location accuracy within 3 kilometer
- Transmitter is identified by serial number or aircraft ID
- 5-year battery life LiSO<sub>2</sub>
- COSPAS/SARSAT, TSO-C126 and ETSO-2C126 (with 121.5 and 406 MHz) approved
- Mounting holes compatible with ACK ELT
- Single antenna output for 121.5 and 406 MHz frequencies
- Extremely simplified for low installation costs
- Replaces ACK remote switch in Form, Fit and Function
- Replaces Ameri-King remote switch with only minor panel alterations
- Re-uses existing wiring harness from remote switch to ELT
- Remote switch independent from aircraft power
- Transmits on 121.5 and 406 MHz emergency frequencies



Learn more about the Artex ME406 ELTs by calling us at 1.800.547.8901 or visiting our web site at [www.artex.net](http://www.artex.net)

560-6610 Rev-  
(10-11-06)

## SPECIFICATIONS:

### Operating Frequencies:

406 MHz  $\pm$  1 kHz Biphase L (16K0G1D)

121.5 MHz  $\pm$  6 KHz

### Output Power:

406 MHz: 5 W (440 ms / 50 sec) for 24 hours @ -20° C to +55° C

121.5 MHz: 100 mW min for 50 hours @ -20° C to +55° C

### Output Connector:

BNC Female

### Activation:

ME406: Automatic by 4.5 ft/sec (2.3 G)  
Primary G-Switch or Manual

### Battery:

5 year Lithium (LiSO<sub>2</sub>)

### Temperature:

Operating: -20° C to +55° C

Storage: -55° C to +85° C

### Self Test:

G-Switch enabled

406 MHz Power

121.5 MHz Power

Antenna/Coax Connection

Low Battery

### Remote Control:

ON/ARM/RESET

### Antenna:

ME406 for fixed wing applications:

Rod (110-338) (< 350 KTS)

Whip (110-773) (< 200 KTS)

### Mounting Hardware:

Mounting Tray P/N 452-3034

### Other Parts:

Coax cable

Buzzer (to alert ground crews of accidental activation)

### Weights:

ELT Transmitter: 1.85 lbs (833 g)

Mounting Tray: 3.52 oz (100 g)

Total Weight: 2.05 lbs (933 g)

### Measurements:

ELT Transmitter with Mounting Hardware Installed:

6.59" (167 mm) L x 2.86" (73 mm) H  
x 3.69" (94 mm) W

### Part Numbers:

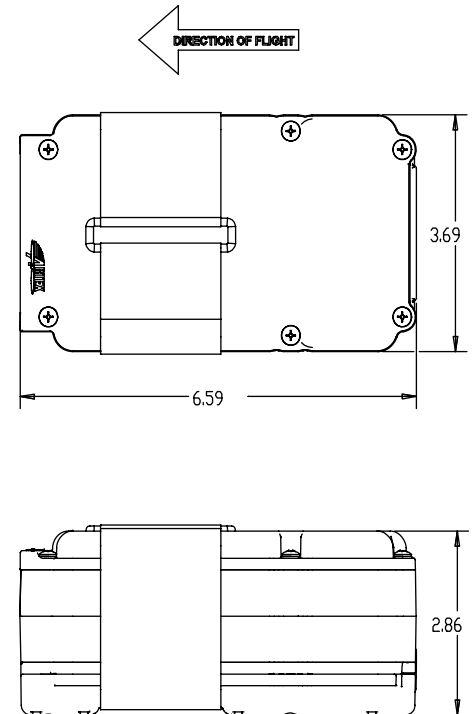
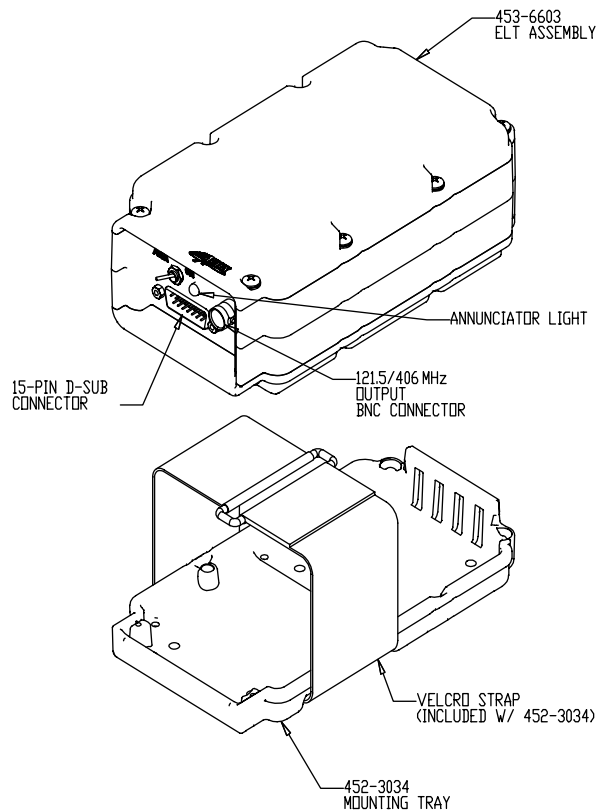
ME406: 455-6608 (with Whip Antenna, for Cirrus Aircraft Only)

ME406: 455-6614 (with Whip Antenna)

# Artex ME406 Series

A single-output ELT, the **Artex ME406** utilizes the same RF output and only one coax cable connected to the new series of Artex single input antennas to transmit 121.5 and 406 MHz emergency signals to the COSPAS/SARSAT satellites. The ELT automatically activates during a crash and transmits the standard sweep tone on 121.5 MHz. Every 50 seconds for 440 milliseconds the 406 MHz transmitter turns on and sends an encoded signal with 5 watts signal strength to alert Search & Rescue. The mounting tray of the ME406 series ELT is compatible with all previous models of Artex 406 MHz, as well as the ELT200 series, Pointer Model 3000, Narco ELTs and for the

ACK E-01 ELT. The new self-contained (independent from aircraft power by using a 5-year lithium battery) remote switch fits into the cut-out on the instrument panel in place for the old ACK remote switch and the already installed wiring harness is plugged into the remote switch. A special adapter mounted onto the ME406 ELT receives the plug on the ELT side of the wiring. No alterations on the instrument panel and re-using the wiring harness without having to dismantle the interior of the aircraft to string new wire looms greatly reduces the installation costs of the new ELT system making an upgrade to 406 MHz affordable for any wallet.



ELT OUTLINE DRAWING (Dimensions shown in inches)



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