

# ME406 Series

Artex 406 MHz Technology

**COBHAM**

The most important thing we build is trust



- Automatic Fixed Emergency Locator Transmitter
- Fixed wing and helicopter applications
- Single antenna output for both 121.5 and 406 MHz frequencies
- Worldwide coverage
- 6 year battery life

#### Certifications

- TSO C126
- ETSO 2C126
- COSPAS/SARSAT Approved
- Transport & Industry Canada Approved

Artex Quality • Artex Technology • Artex Service  
The name is changing, but our commitment is not

# ME406 Series

## Technical Specifications

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### Designed Especially for Multi-Use

The Artex ME406, a single output ELT, utilizes the same RF output and only one coax cable, to transmit 121.5 and 406 MHz emergency signals to the Cospas/Sarsat satellites. The ELT automatically activates during a crash and transmits a continuous swept tone of 121.5 MHz. During activation, the 406 MHz transmitter sends an encoded 5 watt signal every 50 seconds for 440 milliseconds to alert search and rescue.

### Simple Installation

The mounting hardware for the ME406 Series is compatible with all previous models of Artex 406 MHz ELT Products, as well as the ELT200 Series, ACK, Pointer Model 3000 and Narco ELTs. Current owners of Artex 2-frequency TSO C91a ELTs can re-use the remote switch in the cockpit, as well as the wiring harness from the cockpit to the ELT. This greatly reduces installation costs.



### Technical Specifications

#### Operating Frequencies

121.5 MHz +/- 5 KHz  
Ranging from 406.0 to 406.1 MHz,  
depending on COSPAS/SARSAT TAC

#### 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 Activation

ME406HM: Automatic by 4.5 ft/sec (2.3 G)

Primary G-Switch  
or 12.5 G (+/- 1 G) 5-Way HM G-Switch  
or Manual Activation

#### Battery

6-year Lithium (LiMnO<sub>2</sub>, solid cathode)

#### Temperature

##### Certified to

Operating: -20°C to +55°C  
Storage: -55°C to +85°C

#### Self Test

G-Switch Enabled  
406 MHz Power  
Antenna/Coax Connection  
Low Battery

#### Remote Control

ON/ARM

#### 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  
Audio Buzzer (to alert ground crews of accidental activations)  
Remote Switch

#### 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: 453-6603 (Transmitter Only)  
ME406: 455-6607 (with Rod Antenna)  
ME406: 455-6605 (with Whip Antenna)  
ME406 HM: 453-6604 (Transmitter Only)

For further information please contact:

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