

# ME406P Series

Artex 406 MHz Technology

**COBHAM**

The most important thing we build is trust



- Automatic Portable Emergency Locator Transmitter
- Auxiliary antenna attached to ELT allows transmission from outside the aircraft
- Automatic activation by multi-axis G-Switch
- 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

# ME406P Series

## Technical Specifications

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### Automatic, Portable 406 MHz ELT

As a single-output ELT, the Artex ME406P, utilizes the same RF output 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.

### Auxiliary Antenna Attached

Should circumstances require a move to a more protected or accessible area, the wrap around auxiliary antenna allows continued transmission of the distress signal, after removing the ELT from a downed aircraft.

A lanyard connected to the ME406P allows the user to secure the ELT to a person or object in order to avoid loss or potential damage to the unit.

### Compatibility Simplifies Installation

The mounting tray of the ME406P series is compatible with all previous models of Artex 406 MHz ELTs, as well as the ELT200 series, Pointer Model 3000, Narco and ACK E-01 ELTs.

### Technical Specifications

#### Operating Frequencies

121.5 MHz +/- 6 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

ME406P: 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

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

#### Antenna

Rod (110-338) (<350 KTS)  
Whip (110-773) (<200 KTS)  
Auxiliary (110-775)

#### Mounting Hardware

Mounting Tray P/N 452-3075

#### Other Parts

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

#### Weights

ELT Transmitter 1.98 lbs (900g)  
Mounting Tray: 3.52 oz (100 g)  
Total Weight: 2.20 lbs (1000 g)  
Auxiliary Antenna: 2.2 oz (65g)

#### 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

455-6613 ME406P with 110-338 Rod Antenna  
455-6615 ME406P Base Pack List

For further information please contact:

#### Cobham Avionics Artex Products

14405 Keil Road NE  
Aurora, OR 97002 USA  
Tel: 1-800-547-8901  
Fax: 1-503-678-7930