

# ME406 ELT/WHIP ANTENNA

MFR #: 455-6605

Artex's ME406 is a single-output ELT that transmits a 406 MHz emergency signal to the Cospas/Sarsat satellites and a local 121.5 homing signal - all using the same RF output and one coax cable. In the event of a crash, the ELT automatically activates and proceeds to transmit a continuous swept tone of 121.5 MHz. As the ELT activates, the 406 MHz transmitter sends an encoded 5-watt signal to the Cospas Sarsat system every 50 seconds for 440 milliseconds to alert Search and Rescue.



- Automatic fixed emergency locator transmitter
- Provides single antenna output for both 121.5 and 406 MHz frequencies
- Worldwide coverage
- Mounting hardware is compatible with all previous models of the Artex 406 MHz ELT products as well as the ELT200 series, ACK Pointer Model 3000, and Narco ELTs
- 6-year battery life
- Includes a 110-773 whip antenna and mounting hardware



## ME406 ELT/WHIP ANTENNA SPECIFICATIONS

Weight (with tray):  
2.05 lb

Dimensions:  
6.59" L x 2.86" H x 3.69" W ELT (transmitter with mounting hardware installed)

Antenna options available for fixed wing applications: rod:  
110-338 (<350 KTS)  
whip: 110-773 (<200 KTS)  
auxiliary: 110-775

Operating Frequencies:  
121.5 MHz +/- 5 KHz, 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 minimum for 50 hours @ -20°C to +55°C

Output Connector:  
BNC female

Activation:  
primary G-switch  
or manual activation 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

Accessories:  
coax cable, audio buzzer (alerts ground crews of accidental activations) remote switch

Approvals:  
TSO C126, ETSO 2C126, COSPAS/SARSAT approved,  
Transport & Industry Canada approved