



# ARTEX G406-4

## 406 MHz Emergency Locator Transmitter (Type AF ELT) Cospas/Sarsat Approved, FAA TSO C126 Approved, ETSO-2C126 Approved

The Artex G406-4 transmits on all 3 emergency frequencies (121.5/243.0 and 406 MHz). The ELT automatically activates during a crash and transmits the standard swept tone on 121.5 and 243.0 MHz. The G406-4 also transmits a 406.025 MHz encoded digital message to the Cospas/Sarsat satellite system, which allows for rapid identification and reduces Search and Rescue response time. The G406-4 has been tested to meet the rigorous requirements of TSO C126 including 500 G shock, 1000 pound crush as well as flame and vibration tests. The G406-4 is available for use with Artex's low cost whip antennas or a sturdy fiberglass rod antenna. The G406-4 also may be interfaced with the Artex ELT/NAV Interface which enables latitude and longitude data to be transmitted as part of the 406.025 MHz message. The G406-4 is value priced to meet your ELT needs. Ask your Artex Dealer today.

### SPECIFICATIONS:

#### Operating Frequencies:

406.025 MHz  $\pm$  2 kHz Biphase L (16K0G1D)  
121.5 & 243.0 MHz  $\pm$  0.005% (A3X)

#### Output Power:

406 MHz: 5 W  $\pm$  2 dB (520 ms / 50 sec)  
for 24 hours @ -20° C  
121.5/243.0 MHz: 100 mW min (+20 dBm  
for 50 hours @ -20° C)

#### Output connector:

BNC Female (121.5/243 MHz); TPS Female (406 MHz)

#### Activation:

Automatic by 4.5 ft/sec G-Switch or Manual

#### Battery:

5 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  
Antenna/Coax Connection  
Position Data Present  
Low Battery

#### Remote Control:

ON/OFF/RESET

#### Antenna:

Rod (110-320) (<350 KTS)  
Whip Antenna Configuration requires use of 2 antennas:  
Whip (110-324) (121.5/243 MHz <250 KTS)  
Whip (110-329) (406 MHz <250 KTS)

#### Mounting Hardware:

Mounting Tray 452-3074  
Protective Top Cover P/N 452-3073  
End Cap P/N 452-3072

#### Other Parts:

Coax cables  
Buzzer (to alert ground crews of accidental activation)

#### Weights:

ELT Transmitter: 3 LB 5.8 oz Max (1.53 Kg)  
Mounting Tray: 7 oz (200 g)  
Protective Top Cover: 6.7 oz (190 g)  
End Cap: 3.8 oz (108 g)  
Total Weight: 2.02 Kg

#### Measurements:

ELT Transmitter with Mounting Hardware Installed:  
11.74" (298mm) L x 3.90" (99mm) H x 3.82" (97mm) W

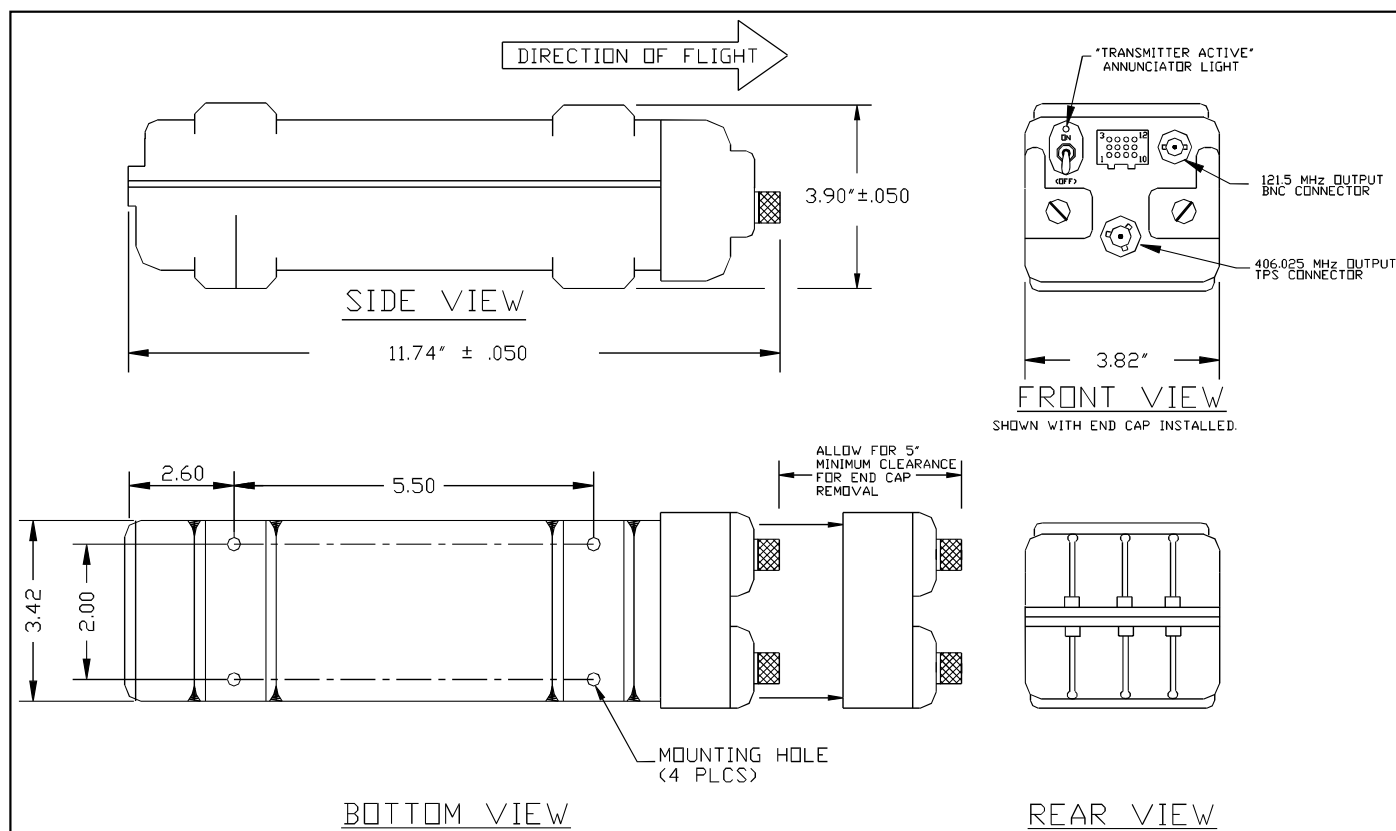
#### Part Numbers:

G406-4: 453-5012 (Transmitter Only)

*Artex reserves the right to alter or modify any of the above specifications*



**G406-4 Transmitter Installation Configuration**



**ELT OUTLINE DRAWING**