



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 (LiMnO₂, 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

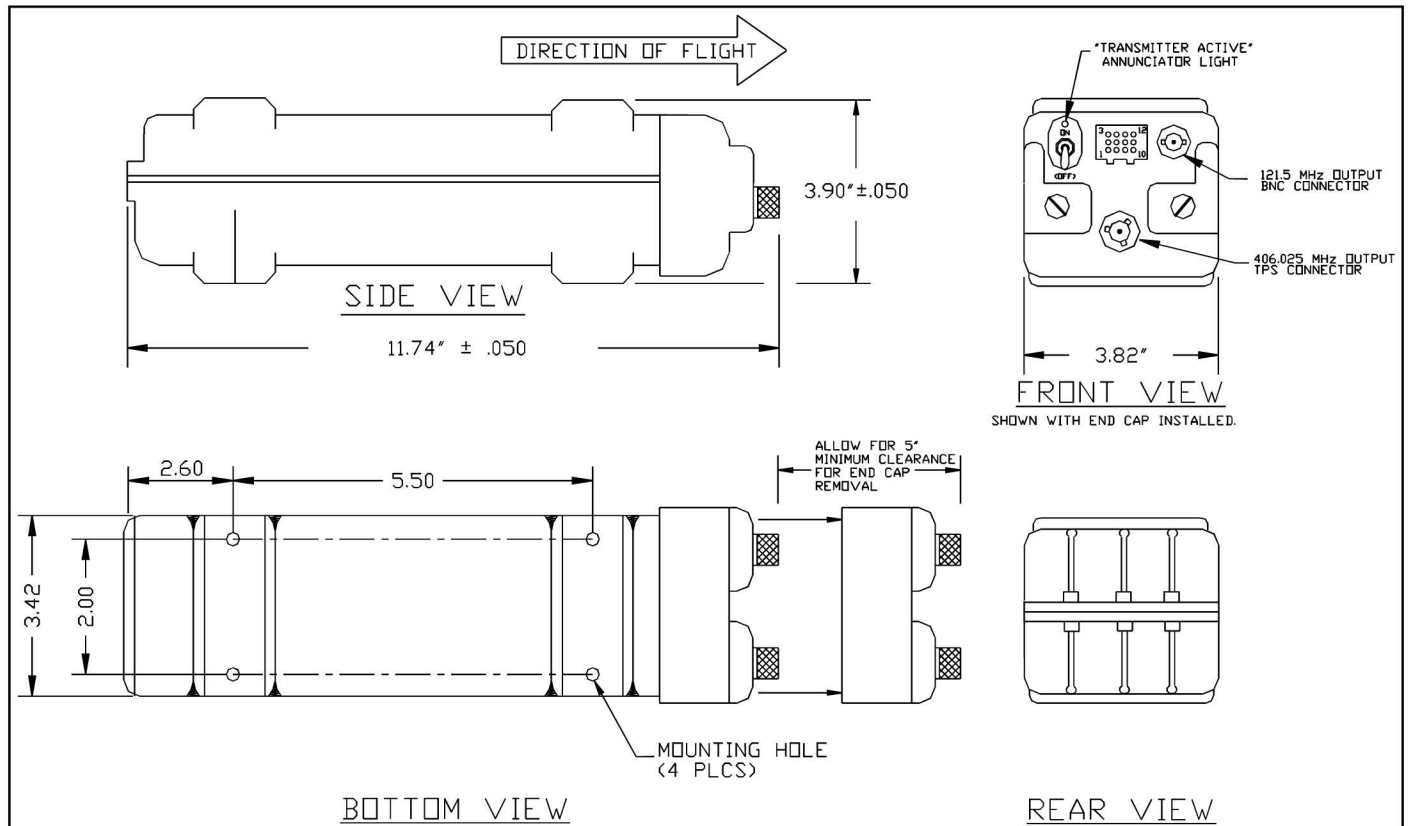
Part Numbers:

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