The Artex B406-4 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. Every 50 seconds for 520 milliseconds (long message protocol) the 406.025 MHz transmitter turns on and transmits an encoded digital message to the Cospas/Sarsat satellite system. The ELT can be programmed with the aircraft’s 24-bit address as well as latitude/longitude information from the aircraft navigation system when used with the Artex ELT/NAV Interface -B (P/N 453-6501). The B406-4 is designed to interface with Boeing’s Master Caution System in conjunction with the DZUS mounted cockpit remote panel. The mounting hardware for the B406-4 is compatible with all previous versions of Artex 406 MHz ELT’s.
**SPECIFICATIONS:**

**Operating Frequencies:**
406.025 MHz ± 2 kHz Biphase L (16K0G1D)
121.5 & 243.0 MHz ± 0.005% (A3X)

**Output Power:**
406 MHz: 5 W ± 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

**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 Functions:**
- G-Switch enabled
- 406 MHz Power
- Antenna/Coax Connection
- Position Data Present
- Battery Time

**Remote Control:**
ON/OFF/RESET w/ Master Caution Interface
- P/N 453-0161, 453-0162, 453-0163 or 453-0164

**Antenna:**
- Rod (110-320) (<350 KTS)
- Blade (110-337) (600 KTS TAS @ 25,000 Ft.)

**Mounting Hardware:**
- Mounting Tray 452-5050
- Protective Top Cover P/N 452-3052
- End Cap P/N 452-5052

**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: 4.46 LBS (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:**
- B406-4: 453-5004 (Transmitter Only)

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**ELT OUTLINE DRAWING**

5757 Ravenswood Road, Fort Lauderdale, FL 33312 (954) 981-3333
www.acrartex.com

560-5004 Rev. -
02-27-03