

AK-450 Series Emergency Locator Transmitters

The Ameri-King AK-450 is an FAA TSO'd approved ELT Emergency Locator Transmitter, types (AF) (AP) Automatic Fixed, Automatic Portable.

The ELT may be manually selected or automatically activated upon a crash and transmit the standard swept tone of 121.5/243.0 MHz simultaneously. In addition, the model AK-450 may be used for transmitting Voice Communication to Search and Rescue Teams, on the Emergency frequency 121.5/243.0 MHz channel. This design is unique.

P/N AK-450—ELT, FAA TSO C97a

Features

- FAA TSO-C91a approved ELT types (AF) (AP)
- FCC type acceptance, coherent beacon designed for satellite detection. Meets FCC rule for improved satellite detection.
- Voice transmission capability is included
- Employs standard Duracell alkaline batteries, "D" size, 6 cells, due to extremely low power consumption.
- Positive Fail-Safe, Sealed "G" switch.
- Smallest size available: 4.27" W x 2.95" H x 5064" L
- Lightest weight available: 2lbs. 10 oz
- Environmental tested per RTCA DO—160c Env. Cat. C1AC/XXXSXXXSXXXBxB
- 2-year warranty with optional extended 4-year
- Patent Pending. Made in the U.S.A

Includes

Remote control panel, antenna, portable telescoping antenna, coax cable assembly, control panel wiring interconnect assembly, mounting tray.

AK-450-1 Helicopter Transmitter

Multi axes (6 axis) acceleration switches for helicopters, rotorcraft. Voice transmitting capability is included, Types AF and AP, FAA TSO C91a & FCC approved.

P/N AK-450-1—ELT for Helicopters, FAA TSO C91a

Features

The helicopter's ELT P/N AK-450-1 features the basic version Ameri-King's ELT P/N AK-450 with a remote multi-axis (operation on 6 different axes). It contains 6 separate "G" switches designed to activate the ELT regardless of any 6 direction ground impacted crashes. Not only is the ELT model widely installed by the helicopter's manufactures OEM, but is also the "best" selling ELT's of the helicopter's secondary market world.

Little size, light weight: 2.1" W x 2.1" H x 2" L

Accessories

Standard Duracell alkaline batteries, remote control panel, high-speed fixed antenna, portable telescopic antenna, coax cable assembly, wiring interconnect assembly, anodized mounting tray, carrying lanyard. All of the accessories are provided and can be purchased extra separately.

Warranty

2-year warranty. Optional extended 4-year warranty available.

Lifetime warranty includes no charge for the replacements of components. After the warranty has expired, customers shall pay only for the labor repair work.



AK-350 Altitude Encoder

Features

- FAA TSO-C88a approval
- Features advanced technology state of the art solid state pressure transducer for the greatest accuracy possible
- Installation location may be behind or beneath aircraft instrument panel or avionic equipment rack or cabin pressure bulkhead
- May be installed in pressurized or non-pressurized temperature controlled area
- May be mounted using holes provided in the unit base



AK 350 series Altitude Encoders

	Description
P/N AK-350	30,000' altitude encoder
P/N AK-35035	35,000' altitude encoder
P/N AK-35040	40,000' altitude encoder
P/N AK-35050	50,000' altitude encoder
P/N AK-35060	62,000' altitude encoder
P/N AK-35080	80,000' altitude encoder

FAA TSO-C88a

Encoders include: Pre wired harness with connector, mounting tray

Specifications

Altitude Range	-1,000' to +30,000'
Accuracy	±20' @ sea level
Operating Temperature	-20°C to +55°C
Power Input	(10-32)VDC
Compatiblity	All transponders in use today
Installation	Extremely simple, all necessary accessories are included
Size	3.50" W x 2.00" H x 4.75" L
Weight	10.88 oz.
Lowest Power	13.8VDC @ .020 AMP, typical
Consumption	27.5VDC @ 0.17 AMP, typical
Environmental Testing	RTCA
DO 160B Environmental	C1BA/SLM.XXXXXZBBXXXX
Categories	
Warranty	3-years extended
Service	24 hr. turn around



AK-550 Series Converter

- Regulated DC to DC power booster converter PWM designed, MIL SPEC designed
- FAA TSO C-71 approved
- Wide input voltage (9.0-16.1)VDC for emergency operation
- Extremely low standby (no load) power consumption, to minimize battery drain during emergency use
- Solid construction with encapsulation potting for severe vibration
- Rugged MIL-SPEC environment
- Choice for output current of 6 AMP, 12 AMP, 24 AMP, 36 AMP and 48 AMP continuously, at 28VDC
- Extremely stable regulated output voltage, in all harsh environmental conditions
- State of the art PWM designed
- High efficiency extremely low heat
- Circuit protections include output over current
- Output short circuit
- Output over voltage
- Low input voltage shut down
- Soft start
- Input reverse polarity
- May be installed in a pressurized or non-pressurized area
- Controlled or non-controlled temperature at altitudes up to 55,000'
- All necessary accessories are provided, including mating MS connector plug and MS cable clamp
- Smallest size available: (1.91" W x 4.84" H x 6.78" L)
- Lightest weight available: (2.3 lbs.)
- Environmental tested per RTCA DO-160d
- 3-year extended warranty

P/N AK550-12

AK550-20

AK550-24

AK550-6



AK-950-FTR The Magic RFI DC Line Filter

- FAA TSO-C129a
- The only FAA STC/PMA approved available
- Eliminate RFI effects to all avionic equipment
- DC current up to 100 AMP
- Solid construction with encapsulation potting for severe vibration
- Aircraft eligibility include parts 23, 25, 27 and 29
- RFI filter for DC current of up to 100 AMP at +14/28VDC
- Extremely stable, in all harsh environmental conditions
- Extremely low impedance, hence low voltage drop
- Simple installation; all necessary hardware is provided, including terminal nuts and locked washers
- Smallest size available: 2.50" W x 1.25" H x 4.00" L
- Lightest weight available: 2.3 lbs.
- Environmental tested per RTCA DO-160c
- 1-year, optional extended 3-year warranty

P/N AK-950-FTR

P/N AK-950-FTR1—Generator/Alternator only