

ACK MODEL E-04 ELT INSTALATION TROUBLE SHOOTING CHECK LIST

New installation Yes _____ No _____ If no how long in service _____ S/N _____ From TSO Label

E-04 general aviation model _____ E-04C Commercial model _____

Describe the problem you are experiencing?

What type aircraft is the ELT installed in

Where is the ELT mounted in the aircraft (Photo showing ELT and surrounding equipment and wiring))

Distance from: Strobe lights power supply _____ Battery solenoid _____ Transponder _____
ADS-B equipment _____ Actuators _____ Comm radio _____ Other _____

Where is the remote control mounted

Where is the remote cable routed. In relation to the Comm coax, transponder coax or ADS-B coax

Where is the Audio Alert indicator mounted

Where is the antenna located (Photo) Are you using our antenna Yes _____ No _____

If No describe the antenna _____

Distance from: Nearest Comm Antenna _____ Transponder Antenna _____ ADS-B Antenna _____

Is the static suppressor installed Yes _____ No _____ If Yes On the antenna _____ On the ELT _____

Did the problem occur after adding avionics or other electrical equipment (Describe what was added)

Did you follow our Pre-Installation checklist before installing? Yes _____ No _____

Inadvertent activation

Is the aircraft Hangered Yes _____ No _____

Did the ELT activate in flight _____ During Taxi _____ After shutdown _____

Was it raining or had it been raining before activation Yes _____ No _____

If after shutdown how long since the aircraft was flown _____

Was the ELT registered Yes _____ No _____ Were you contacted by Search and Rescue Yes _____ No _____

How long after the activation did Search and Rescue contact you _____

The known causes of inadvertent activation are as follows

High levels of RF/EMF near or close to the ELT, antenna or cables. Such interference can be the result of the comm antennas being too close to the ELT antenna, transponder or transponder antenna, ADS-B equipment or transmit antenna, main battery or battery solenoid, strobe light power supply or strobe lights. ELT cables running along Comm antenna cables, transponder cables, Battery cables, strobe light cables etc.

The other known cause is water in the Remote, Audio Alert, or cable connections. Battery corrosion in the Audio Alert or Remote can also cause inadvertent activation.