

## Answers and Explanations to ELT's Sample Knowledge Test Questions

### **1- When are non-rechargeable batteries of an emergency locator transmitter (ELT) required to be replaced?**

A- Every 24 months.

**B- When 50 percent of their useful life expires.**

C- At the time of each 100-hour or annual inspection.

ELT batteries must be replaced after 1 hour of cumulative use or when 50% of their useful life has expired, whichever comes first.

### **2- When may an emergency locator transmitter (ELT) be tested?**

A- Anytime.

B- At 15 and 45 minutes past the hour.

**C- During the first 5 minutes after the hour.**

An ELT test should be conducted only during the first 5 minutes after any hour and then only for three audible sweeps.

### **3- Which procedure is recommended to ensure that the emergency locator transmitter (ELT) has not been activated?**

A- Turn off the aircraft ELT after landing.

B- Ask the airport tower if they are receiving an ELT signal.

**C- Monitor 121.5 before engine shutdown.**

Immediately after hard landings and before parking, check radio frequency 121.5 MHz.

### **4- When activated, an emergency locator transmitter (ELT) transmits on**

A- 118.0 and 118.8 MHz.

**B- 121.5 and 243.0 MHz.**

C- 123.0 and 119.0 MHz.

ELTs transmit an audio tone on 121.5, 243.0, and 406 MHz. ELTs operating on 121.5 and 243.0 MHz are analog devices. The newer 406 MHz ELT is a digital transmitter that can be encoded with the owner's contact information or aircraft data.