

## RETURN TO SERVICE PROCEDURES

Artex recommends that the following procedures-as applicable- be used when returning ELT transmitters to serviceable condition whether performed in an aircraft or on the bench

STEP 1 - Remove Coaxial and Wiring Connections and Inspect

STEP 2 - Remove ELT and Inspect Mounting Hardware

STEP 3a - Remove ELT Battery Pack and Inspect

STEP 3b - Replace/Reinstall Battery Pack

STEP 4 - Activate Using "Football Throw" Method: Then Reset

STEP 5a - Measure 121.5 & 243.0 MHz Power Output

STEP 5b- Measure 121.5 MHz ELT Frequency

STEP 5c - Listen to the Audio Modulation

STEP 5d- Measure 406 MHz Power Output

STEP 5e- Measure 406 MHz Frequency

STEP 5f - Verification of Digital Message

STEP 5g - "Reset" EL T

STEP 6 - Reinstall ELT

STEP 7 - Perform Transmitter Tests

STEP 8 - Perform Antenna Tests

STEP 9 - Logbook Entry

STEP 10 - Verify with customer that ELT has been registered with the proper authority and with correct registration information

**NOTE: Steps 1, 2, 6 and 8 are applicable only if ELT is being removed and reinstalled in an aircraft after being re-certified.**

**NOTE: The majority of these procedures are listed in the periodic maintenance section of the Artex Installation/Operation manual for the specific ELT to be returned to service.**

**NOTE: Test equipment specified is a recommendation only. The use of other equipment that can provide equivalent measurement results is acceptable.**

**NOTE: These procedures represent a recommendation by Artex. Verification with local governing authorities, as to needed requirements for return to service, is the responsibility of the servicing facility.**