



MERL, INC.
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Important!

If your Piper-Garrett RESCU/88L or /88C Emergency Locator Transmitter was heretofore equipped with Lithium batteries, there exists the possibility that the internal components of the transmitter could have been damaged from leakage and/or venting of highly corrosive substances from these outlawed power sources. We recommend that you send us the ELT for inspection and evaluation. A technician from our FAA Authorized Repair Station E 19-100 will contact you promptly and advise as to the condition.

In the event there are any required repairs we will advise as to the cost of parts and material. If you request it, we will provide the necessary paperwork to provide for proper maintenance release as required for a 121 or a 135 operation in keeping with the FAR' s.

INSTALLATION INSTRUCTIONS FOR: MERL, INC. BATTERY PACK P/N **BP-1037**

1. Disconnect the antenna lead. If a remote control is used disconnect this also.
2. After removing the ELT from its mount removed the two (2) screws and the end cap from the transmitter - battery pack housing. Be sure that the manual switch is "OFF".
3. If the expired battery pack and the printed circuit board are attached using soldered red and black wires from the battery pack into the (+) and (-) points showing on the printed circuit board unsolder and remove the wires from the holes.
4. After removing the expired battery pack from within the battery pack - transmitter housing complete the following:
 - a. Unsolder and remove the wires that hold the fiber with the two (2) snap connectors. Discard the fiber with the snap connectors.
 - b. Insert the replacement battery pack in the space that the expired battery pack was in.
 - c. Insert the red wire in the hole with the (+). Repeat this step for the black wire in the (-) hole.
 - d. After placing each wire in the respective proper hole, resolder.

NOTE: In lieu of a,b,c and d above if desired the fiber with the snap connectors may be used if a matching snap connector assembly is found to have been used in the previous installation.

5. If a notch is found in the rear of the P.C. board route the red and black wires through it. Reinstall the end cap and attach the two (2) screws removed in step #3 above.
6. Affix the expiration date placard to the ELT directly over the expired placard.
7. Reinstall the ELT in its mount and reconnect the leads removed in step #1 above.
8. Place the manual switch in the "ON" position and monitor the operation of the ELT on a communication receiver tuned to 121.5MHz. If satisfactory place the switch in "ARM".
9. Enter in the Airframe Log Book the date of installation of the replacement battery pack and the required replacement date as shown on the placard. Enter also the results of the test in 8.
10. DO NOT DISCARD OLD BATTERIES IN FIRE OR FLAME. Dispose of as per local regulations