## **EMERGENCY LOCATOR TRANSMITTER - TROUBLESHOOTING**

## 1. General

A. A troubleshooting chart has been prepared to aid maintenance technicians in system understanding. Refer to Figure 101.

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A11597 POWER OUTPUT IS LOW CHECK FOR LOW BATTERY VOLTAGE. ENSURE TRANSMITTER FUNCTION SWITCH IS OFF BEFORE DISCONNECTING BATTERY. VOLTAGE SHOULD MEASURE 7.5 VDC OR GREATER FOR DORNE AND MARGOLIN-BRAND BATTERY; OR 7.2 VDC OR GREATER FOR POINTER 3000-BRAND BATTERY. IF -OK, CHECK FOR FAULTY TRANSMITTER. NOT OK, REPLACE RECONNECT BATTERY PACK TO BATTERY. TRANSMITTER, CONNECT AMMETER (SIMPSON MODEL 1223 WITH LEADS NO MORE THAN THREE INCHES LONG) TO COAXIAL JACK AND SET TO ON POSITION. IF CURRENT DRAIN EXCEEDS 15 TO 25 mA, CHECK COAXIAL ANTENNA CABLE FOR HIGH RESISTANCE JOINTS. IF -OK, TRANSMITTER SHOULD NOT OK, REPLACE BE REPLACED. COAXIAL CABLE.

Figure 101: Sheet 1: Emergency Locator Transmitter Troubleshooting Chart

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