Raytheon Aircraft
MANDATORY SERVICE BULLETIN

19,23,24,33,35,36,55,58,60,80,90,99,100,200,300,1900

No. 2598, Rev. I
ATA Code 25-60

SUBJECT: **EQUIPMENT/FURNISHINGS - EMERGENCY LOCATOR TRANSMITTER PLACARD INSTALLATION**

SYNOPSIS OF CHANGE: Added reference to ARTEX ELT 110-4 in the REASON statement and corrected ELT data plate on the illustration. The original issue of this Service Bulletin was never mailed.

REASON: This Service Bulletin is not safety-related; however, noncompliance with this Service Bulletin may result in the FAA prohibiting further flight of an airplane. This Service Bulletin is being issued to install an additional placard on ARTEX ELT 110-4 (P/N 453-0150). This placard, plus the removal of "TSO C91a" identification on the ELT Data Plate, allows the Beech installation to conform to TSO C91. TSO C91a requires the installation of a remote ELT switch and indicator, which the Beech installation does not have. The installation of this placard is necessary for the ELT to be considered an "approved" part by the FAA.

EFFECTIVITY: **CIVIL AIRPLANES**

BEECHCRAFT Bonanza F33A, serials CE-1467 through CE-1789;

A36, serials E-2537 through E-2904;

B36TC, serials EA-506 through EA-570;

Baron 58, serials TH-1589 through TH-1731, and TH-1733;

King Air C90A, serials LJ-1247 through LJ-1383;

Airliner 1900C, serials UC-165 through UC-174;

1900D, serials UE-20 through UE-23 and UE-31 through UE-118;

Super King Air B200, serials BB-1372 through BB-1492 and BB-1494 through BB-1496;

B200C, serials BL-136 through BL-140;

B200T, serials BT-34 through BT-38;

200CT, serials BN-1;

B200CT, serials BN-2 through BN-4;

300, serials FA-207 through FA-230;

MANDATORY

ECR 8972, 8973, 8974, 8975, 8980 M
Issued: December 1994
Revised: January, 1995

991-39071 Rev. 4/88

Service Bulletins (red border) includes changes, inspections and modifications that could affect safety or crashworthiness. RAC considers compliance with these Service Bulletins to be mandatory. RAC also issues Service Bulletins with no border which are designated as either recommended or optional in the compliance section within the bulletin. In the case of recommended Service Bulletins, RAC feels the changes, modifications, improvements or inspections will benefit the owner/operator and although highly recommended, Recommended Service Bulletins are not considered mandatory at the time of issuance. In the case of optional Service Bulletins, compliance with the changes, modifications, improvements or inspections is at the owner/operator's discretion. Both classes are mailed to:

(a) RAC Authorized Service Centers.

(c) Those having a publications subscription.

Information on Owner Notification Service or subscriptions can be obtained through any RAC Authorized Service Center. As Mandatory Service Bulletins and Service Bulletins are issued, temporary notification in the Service Bulletin Master Index should be made until the index is revised. Warranty will be allowed only when specifically defined in the Service Bulletin and in accordance with the RAC Warranty Policy.

Unless otherwise designated, RAC Mandatory Service Bulletins, Service Bulletins and RAC Kits are approved for installation on RAC airplanes in original or RAC modified configurations only. RAC Mandatory Service Bulletins, Service Bulletins and Kits may not be compatible with airplanes modified by STC installations or modifications other than RAC approved kits.

Member of GAMA
General Aviation Manufacturers Association

Raytheon Aircraft

Beech
Hawker

B300, serials FL-11 through FL-123;

B300C, serials FM-1 through FM-8;

B300C (CS), serials FN-1.

EFFECTIVITY:

MILITARY AIRPLANES

A200CT (RC-12K), serials FE-1 through FE-9;

A200CT (RC-12N), serials FE-10 through FE-24;

A200CT (RC-12P), serials FE-25 through FE-30.

THE FOLLOWING AIRPLANES WHICH HAVE KIT NO. 101-3127-1 INSTALLED:

19, 23, 24, 76, 77;

F33A, F33C, G33;

V35B;

A36, A36TC, B36TC;

E55, 95B55;

58, 58P, 58TC;

B80;

C90, C90A, E90, F90, H90 (T44A)

A99A, B99;

A100, A100 (U-21F), B100

200, 200C, 200CT, 200T, A200, A200C, A200CT, A200C(UC-12B), A200(C-12A), A200(C-12C), A200CT(C-12D), A200CT(C-12F), A200CT(RC-12K), A200CT(FWC-12D), A200CT(RC-12H), A200CT(RC-12G), A200CT(RC-12D), B200, B200C, B200T, B200CT;

300 series;

1900 series.

COMPLIANCE:

CIVIL AIRPLANES

Beech Aircraft Corporation considers this to be a mandatory modification and it should be accomplished at the next scheduled inspection after receipt of this Service Bulletin but no later than the next 200 flight hours.

An Airworthiness Directive has been requested on the matter covered by this Service Bulletin.

MILITARY AIRPLANES

For compliance information on military airplanes affected by this Service Bulletin, contact the appropriate headquarters.

APPROVAL:

Engineering data contained in this Service Bulletin is FAA Approved.

MANPOWER:

The following information is for planning purposes only:

Estimated man-hours: 1 hour.

Suggested number of men: 1 man.

The above is an estimate based on experienced, properly equipped personnel complying with this Service Bulletin. Occasionally, after work has started, conditions may be found which could result in additional man-hours.

MATERIAL: Refer to the table below to determine the correct placard for the ELT installed on your airplane. Placards may be ordered through a BEECHCRAFT Authorized Outlet.

Model/Serial	Part Number	Description	Quantity Per Airplane
F33A, F33C, A36, B36TC, 58	101-342659-335	Placard	1
C90A	101-342659-337	Placard	1
B200, B200C, B200T, B200CT, 300, B300C (CS), B300, B300C	101-342659-339	Placard	1
1900C, 1900D	101-342659-341	Placard	1
A200CT	101-342659-345	Placard	1
All models with Kit 101-3127-1 installed	101-342659-349	Placard	1
All models	TT-I-735 *	Isopropyl Alcohol	As Required
All models	3M425 * or Equivalent	Tape	As Required

* Not furnished with this Service Bulletin. Obtain locally or from a BEECHCRAFT Authorized Outlet.

SPARES AFFECTED: The appropriate placard installed by this Service Bulletin must be installed on spares replacement Emergency Locator Transmitters unless they have been modified to comply with TSO C91a.

WARRANTY CREDIT: **CIVIL AIRPLANES**

Warranty credit for parts and labor to the extent noted under MATERIAL and MANPOWER will be allowed on all affected airplanes.

Warranty coverage offered in this Service Bulletin will expire 12 months from the last day of the month this Service Bulletin is issued. After this date, the owner/operator assumes the responsibility for compliance cost. Beech Aircraft Corporation reserves the right to void continued warranty coverage in the area affected by this Service Bulletin if this Service Bulletin is not complied with.

All warranty work must be accomplished by a BEECHCRAFT Authorized Outlet rated to perform maintenance on the specific model of BEECHCRAFT.

All warranty reimbursements are handled through BEECHCRAFT Authorized Outlets. Owners and operators should arrange with these outlets to perform the work and have them submit the standard Beech Aircraft Corporation warranty claim form through a BEECHCRAFT Authorized Outlet.

MILITARY AIRPLANES

For warranty information on military airplanes affected by this Service Bulletin, contact the appropriate headquarters.

SPECIAL TOOLS: None.

WEIGHT AND BALANCE: Negligible.

REFERENCES: Refer to the appropriate Section/Chapter of the applicable Shop/Maintenance Manual for the Emergency Locator Transmitter.

BEECHCRAFT Kit No. 101-3127-1, Emergency Locator Transmitter.

PUBLICATIONS AFFECTED: It is recommended that a note to "See Service Bulletin No. 2598" be made in the appropriate section of the applicable Parts Catalog.

ACCOMPLISHMENT INSTRUCTIONS: This Service Bulletin shall be accomplished as follows:

WARNING

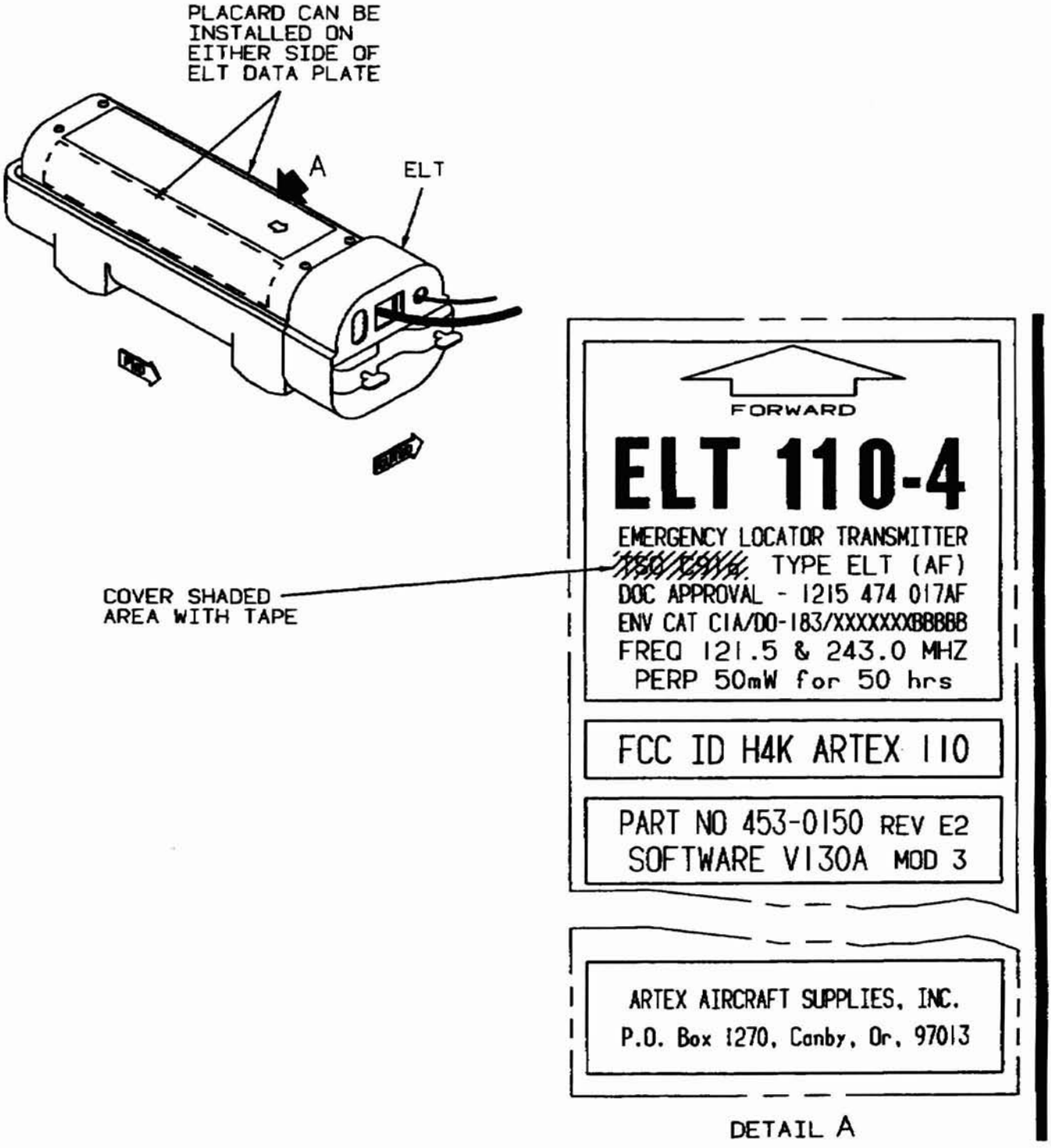
Do not operate the airplane or any of its systems until Foreign Object Elimination (FOE) has been accomplished. FOE includes, but is not limited to the following: the removal of all debris created during these procedures, the removal of all tools and excess materials used in these procedures, and the careful inspection for loose or missing fasteners or components.

1. Gain access to the ELT located in the aft fuselage in accordance with Chapter 25-60 of the appropriate maintenance manual, or Chapter 13 of the appropriate shop manual.
2. Refer to Figure 1 and clean the surface of the ELT where the placard is to be installed with isopropyl alcohol to remove all traces of dirt and grease.

NOTE

The placard may be installed on either side of the emergency locator transmitter data plate.

3. Remove the protective backing material from the placard. Use care not to wrinkle or damage the placard.
4. Refer to Figure 1 and install the placard on the emergency locator transmitter. Press the placard firmly to the surface of the emergency locator transmitter with a finger or rubber roller to eliminate wrinkles and air pockets.
5. Refer to Figure 1, clean the data plate with isopropyl alcohol. Cover "TSO C91a" on the data plate of the ELT with P/N 3M425 aluminum pressure sensitive tape, or equivalent.
6. Perform a FOE inspection prior to restoring the airplane to service.
7. Reinstall all equipment that was removed to accomplish this Service Bulletin.
8. Return the airplane to service.



Emergency Locator Transmitter
Figure 1

RECORD COMPLIANCE: Upon completion of this Service Bulletin, make an appropriate maintenance record entry.

NOTE

If you are no longer in possession of this airplane, please forward this information to the present owner.