

19, 23, 24, 33, 35, 36, 55, 58, 58P,  
58TC, 60, 76, 77, 80, 90, 99, 100, 200

No. 1139, Rev. I  
ATA Code 25-60

Kit No. 101-3039-1 S

**SUBJECT:** EQUIPMENT/FURNISHINGS - INSPECTION AND/OR REPLACEMENT OF COLLINS/COMMUNICATIONS COMPONENTS CORPORATION EMERGENCY LOCATOR TRANSMITTERS AND/OR BATTERY PACKS

**SYNOPSIS OF CHANGE:** Added Kit No 101-3039-1 S to PART III of the MATERIAL section and ACCOMPLISHMENT INSTRUCTIONS for 23, 24, 76 and 77 series airplanes only

**EFFECTIVITY:** Compliance with these Service Instructions supersedes and cancels BEECHCRAFT Service Instructions No. 1048 for all airplanes listed below

	PART I	PART II	PART III
	The following airplanes which are equipped with Collins/Communications Components Corporation CIR10 (TR70-09) emergency locator transmitters	The following airplanes which are equipped with Collins/Communications Components Corporation CIR10 (TR70-17) emergency locator transmitters and any PART I airplanes which may have installed a CIR10 (TR70-17) emergency locator transmitter in place of the CIR10 (TR70-09) emergency locator transmitter	The following airplanes which are equipped with Collins/Communications Components Corporation CIR 11 (TR70-13) emergency locator transmitters and any PART I or PART II airplanes which may have installed a CIR11 (TR70-13) emergency locator transmitter in place of the CIR10 (TR70-09) or CIR10 (TR70-17) emergency locator transmitter
B19 Sport 150	MB-526 through MB-617 and MB-619 through MB-625	MB-618 and MB-626 through MB-905	
C23 Sundowner 180	M-1379 through M-1484, M-1486 through M-1489 and M-1491 through M-1494	M-1485, M-1490 and M-1495 through M-2096	M-2097 through M-2273
A24R, B24R and C24R Sierra 200	MC-2, MC-106 through MC-181, MC-185 through MC-187, MC-189, MC-191, MC-193 and MC-194	MC-182 through MC-184, MC-188, MC-190, MC-192 and MC-195 through MC-621	MC-622 through MC-728

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Beech Aircraft Corporation issues service information for the benefit of owners and fixed base operators in the form of three classes of Service Instructions. CLASS I (Red Border) are changes, inspections, and modifications that could affect safety. The factory considers compliance mandatory. CLASS II (Green Border) covers changes, modifications, improvements or inspections the factory feels will benefit the owner and although highly recommended, they are not considered mandatory compliance, unless specified at the time of issuance. Class I and II are mailed to:

- (a) BEECHCRAFT Aero or Aviation Centers and International Distributors and Dealers
- (b) Owners of record on the FAA Registration list and the

BEECHCRAFT International Owner Notification Service List  
(c) Those having a publications subscription

CLASS III (No Border) covers changes which are optional, maintenance aids, product improvement kits and miscellaneous service information. Compliance is at the owner or operator's prerogative. Copies of Class III are distributed per a and c above. Information on Owner Notification Service or Subscriptions can be obtained through any BEECHCRAFT Aero or Aviation Center, International Distributor and Dealer, or the Factory. As Service Instructions are issued, temporary notation in the index should be made until the index is revised. Warranty will be allowed only when specifically defined in the Service Instructions and in accordance with Beech Warranty Policy.

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	PART I	PART II	PART III
Bonanza G33	CD-1271 through CD-1304		
Bonanza F33A	CE-361 through CE-469	CE-470 through CE-828	CE-829 through CE-905
Bonanza F33C	CJ-31 through CJ-39	CJ-40 through CJ-149	CJ-150 through CJ-155
Bonanza V35B	D-9306 and D-9308 through D-9549	D-9550 through D-10196	D-10197 through D-10346
Bonanza A36	E-304 through E-484	E-485 through E-1406	E-1407 through E-1686
Bonanza A36TC		EA-1 and EA-2	EA-3 through EA-80
Baron 95-B55 and 95-B55A	TC-1418 through TC-1615	TC-1616 through TC-2198	TC-2199 through TC-2320
E55 and E55A	TE-850 through TE-947	TE-948 through TE-1149	TE-1150 through TE-1177
Baron 58 and 58A	TH-188 and TH-190 through TH-393	TH-394 through TH-993	TH-994 through TH-1132
Pressurized Baron 58P and 58PA		TJ-3 through TJ-190	TJ-191 through TJ-271
Baron 58TC and 58TCA		TK-1 through TK-88	TK-89 through TK-121
Duke A60 and B60	P-166, P-183 through P-185, P-187 through P-244 and P-246	P-245 and P-247 through P-495	P-496 through P-537
Duchess 76		ME-1 through ME-101	ME-102 through ME-339
Skipper 77		WA-1 through WA-21	WA-22 through WA-112
Queen Air 65-B80	LD-450 through LD-473	LD-474 through LD-511	
King Air C90	LJ-548 through LJ-610	LJ-611 through LJ-818	LJ-819 through LJ-901
King Air E90	LW-1 through LW-79	LW-80 through LW-316	LW-317 through LW-333
King Air F90			LA-2 through LA-39
B99 Airliner	U-149 through U-151	U-152 through U-164	
King Air A100	B-103 and B-106 through B-178	B-179 through B-247	
King Air B100		BE-1 through BE-60	BE-61 through BE-90
Super King Air 200	BB-2	BB-3 through BB-453	BB-454 through BB-659
Super King Air 200C		BL-1	BL-2 through BL-8
Super King Air 200T		BT-1 through BT-4	BT-5 through BT-15

REASON:

All airplanes must have an operable emergency locator transmitter prior to October 15, 1980 as specified in FAA Airworthiness Directive 79-18-05, Amendment 39-3708 or subsequent

On PART I airplanes the existing CIR10 (TR70-09) emergency locator transmitter must be replaced with a CIR11 (TR70-13) emergency locator transmitter as specified in these

Service Instructions and Kit No 101-3039-1 S There is no replacement battery pack available for the CIR10 (TR70-09) emergency locator transmitter

On PART II airplanes the existing CIR10 (TR70-17) emergency locator transmitter must be inspected and a new alkaline battery pack and modification kit installed as specified in Rockwell-Collins CIR-10-30, -31, -32, -33, -34 Emergency Locator Transmitter System Service Bulletin No 1

On PART III airplanes the existing CIR11 (TR70-13) emergency locator transmitter must be inspected and a new alkaline battery pack and modification kit installed as specified in Rockwell-Collins CIR-11-2 Emergency Locator Transmitter System Service Bulletin No 1

**COMPLIANCE:** Beech Aircraft Corporation considers this to be a mandatory modification and it should be accomplished as soon as possible after receipt of these Service Instructions, but no later than October 15, 1980 as specified in FAA Airworthiness Directive 79-18-05, Amendment 39-3708 or subsequent

**APPROVAL:** FAA Approved - DOA CE-2

**MANPOWER:** The following information is for planning purposes only

**PART I**

Estimated man-hours to replace the emergency locator transmitter 2 hours  
Suggested number of men 1 man

**PART II and PART III**

Estimated man-hours to remove, inspect, install the modification kit and alkaline battery pack and reinstall the emergency locator transmitter 2.5 hours  
Suggested number of men 1 man

**MATERIAL:** The following parts required for this modification may be ordered through BEEHCRAFT Aero or Aviation Centers and International Distributors and Dealers

PART NUMBER	DESCRIPTION	QUANTITY PER AIRPLANE		
		PART I	PART II	PART III
CIR11 (TR70-13)	Emergency Locator Transmitter	1		
101-3039-1 S	Emergency Locator Transmitter Installation Kit	1	1 if emergency locator transmitter is replaced	1 for 23, 24, 76 and 77 series only
647-1002-002	Alkaline Battery Pack		1 if emergency locator transmitter is not replaced	
647-1003-002	Battery Pack Modification Kit		1 if emergency locator transmitter is not replaced	

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PART NUMBER	DESCRIPTION	QUANTITY PER AIRPLANE		
		PART I	PART II	PART III
647-1002-001	Alkaline Battery Pack	1	1 if emergency locator transmitter is replaced	1
647-1003-001	Battery Pack Modification Kit			1 if emergency locator transmitter is not replaced

The value of the parts required to incorporate these Service Instructions on one airplane is to be advised. Prices, when issued, will be subject to change without notice.

**WARRANTY:**

**PART I**

None

**PART II and PART III**

Warranty credit for parts and labor to the extent noted under MATERIAL and MANPOWER will be allowed on all airplanes which were within warranty on February 26, 1979 and all airplanes which were delivered after that date.

**NOTE**

If installation of Kit No 101-3039-1 S is required, warranty credit will not be allowed to install the optional remote reset capability.

All P/N BP60 and P/N BP60-7 batteries which were purchased and delivered on or after February 26, 1978 are within the battery warranty and will be replaced at no charge.

All warranty reimbursements are handled through franchised BEEHCRAFT Aero or Aviation Centers and International Distributors and Dealers. 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 BEEHCRAFT Parts and Equipment Marketing Wholesalers or International Distributors.

**SPECIAL TOOLS:**

None

**WEIGHT AND BALANCE:**

The weight and balance change must be determined by weighing the parts removed and the parts added and multiplying the net weight increase by the components' center of gravity. The components' center of gravity can be determined by measuring from a known fuselage station to the dimensional center of the emergency locator transmitter/battery pack. The product will be the net Moment increase. The owner or operator is responsible to maintain compliance with FAR 23.25/CAR 3.74.

**REFERENCES:**

FAA Airworthiness Directive 79-05-02, Amendment 39-3422 or subsequent,  
 FAA Airworthiness Directive 79-18-05, Amendment 39-3708 or subsequent,  
 BEEHCRAFT Service Instructions No 1048 or subsequent revision,  
 EQUIPMENT/FURNISHINGS - REMOVAL OF LITHIUM SULFUR DIOXIDE BATTERIES,  
 \*Rockwell-Collins CIR-10-30, -31, -32, -33, -34 Emergency Locator Transmitter System Service Bulletin No 1,  
 \*Rockwell-Collins CIR-11-2 Emergency Locator Transmitter System Service Bulletin No 1

\*Rockwell-Collins Service Bulletins may be obtained from the Collins Avionics Service Center, 750 South Douglas, El Segundo, CA 90245

**PUBLICATIONS AFFECTED:**

It is recommended that a note to "See Service Instructions No 1139, Rev I" be made in the appropriate Section/Chapter of the applicable BEECHCRAFT Shop Maintenance Manual and Parts Catalog

**ACCOMPLISHMENT INSTRUCTIONS:**

These Service Instructions may be accomplished as follows

NOTE

The "ELT INOP" or "ELT NOT INSTALLED" placard which was installed on the instrument panel by FAA Airworthiness Directive 79-05-02, Amendment 39-3422 and BEECHCRAFT Service Instructions No 1048 should be removed after compliance with these Service Instructions

**PART I**

The parts and instructions required to install a new CIR11 (TR70-13) emergency locator transmitter and 647-1002-001 alkaline battery pack in place of the CIR10 (TR70-09) emergency locator transmitter are contained in Kit No 101-3039-1 S

NOTE

All parts and instructions required for installation of the new emergency locator transmitter except the CIR11 (TR70-13) emergency locator transmitter and 647-1002-001 alkaline battery pack are included in Kit No 101-3039-1 S

**PART II**

The instructions required for inspection of the CIR10 (TR70-17) emergency locator transmitter and installation of a new 647-1002-002 alkaline battery pack and 647-1003-002 modification kit are contained in Rockwell-Collins CIR-10-30, -31, -32, -33, -34 Emergency Locator Transmitter System Service Bulletin No 1

If upon inspection by Collins it is determined that a new emergency locator transmitter is required, a new CIR11 (TR70-13) emergency locator transmitter will be furnished. Install the CIR11 (TR70-13) emergency locator transmitter using the parts and instructions contained in Kit No 101-3039-1 S

NOTE

All parts and instructions required for installation of the new emergency locator transmitter except the CIR11 (TR70-13) emergency locator transmitter and 647-1002-001 alkaline battery pack are included in Kit No 101-3039-1 S

**PART III**

The instructions required for inspection of the CIR11 (TR70-13) emergency locator transmitter and installation of a new 647-1002-001 alkaline battery pack and 647-1003-001 modification kit are contained in Rockwell-Collins CIR-11-2 Emergency Locator Transmitter System Service Bulletin No 1

On 23, 24, 76 and 77 series airplanes only, the CIR11 (TR70-13) emergency locator transmitter will require relocation and a remote switch after installation of the 647-1003-001 modification kit. The parts and instructions required for relocation of the emergency locator transmitter and addition of the remote switch are contained in Kit No 101-3039-1 S

**RECORD COMPLIANCE:**

Upon completion of these Service Instructions, make an appropriate maintenance record entry specifying the kit identification number and the kit serial number. It is recommended that the parts list contained in the kit be retained for future reference until the listing of parts has been incorporated into the Parts Catalog.