

**FOR PLANNING PURPOSES**

# SERVICE BULLETIN

SERVICE BULLETIN NO: 25-021

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ATA CHAPTER: 25

**EQUIPMENT/FURNISHINGS - EMERGENCY EQUIPMENT  
INTRODUCTION OF THE KANNAD 406 AF EMERGENCY LOCTOR TRANSMITTER AS A  
REPLACEMENT FOR THE KANNAD 121 AF EMERGENCY LOCATOR TRANSMITTER**

## 1. Planning Information

### A. Effectivity

All PC-12, PC-12/45 and PC-12/47 aircraft MSN 321 and MSN 401 to 999 (excluding MSN 545) with Kannad 121 AF Emergency Locator Transmitters (ELT) installed.

### B. Concurrent Requirements

None

### C. Reason

#### (1) Problem

RTCA Inc. (was Radio Technical Commission for Aeronautics) and the European Organisation for Civil Aviation Equipment (EUROCAE) have issued new specifications for ELT, RTCA DO 183/204 and EUROCAE ED62.

#### (2) Cause

Some PC-12, PC-12/45 and PC-12/47 aircraft, MSN 321 and MSN 401 to 999 (excluding MSN 545), have the two frequency (121.5/243 MHz) Kannad 121AF ELT installed.

Specified Country Certification and Operator modes and ICAO Annex 10/JAR-OPS 1.820 can make it necessary to use an added 406 MHz frequency.

#### (3) Solution

SERPE-IESM Service Bulletin S1824502-25-01 changes the existing Kannad 121 AF ELT (Part No. 985.13.80.854) into a Kannad 406 AF ELT (Part No: 985.13.80.853) with the added digital 406 MHz frequency transmission. The Kannad 406 AF ELT fully complies with ICAO Annex 10/JAR-OPS 1.820.

Alternatively, the existing Kannad 121 AF ELT can be removed and a new Kannad 406 AF ELT unit installed.

Operators with the NARCO 910 ELT can replace it with the Kannad 406 AF ELT (Service Bulletin 25-022).

### D. Description

This Service Bulletin gives the data and instructions necessary to remove the Kannad 121 AF ELT, modify it to a Kannad 406 AF ELT and install the modified or new ELT.

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Revision 1 is issued to add PC-12/47 aircraft to the effectivity, and to allow the option of installing a new Kannad 406 AF ELT unit instead of converting the existing unit. References to the new AMM and IPC format are updated.

### E. Compliance

Optional.

### F. Approval

The technical aspects of this Service Bulletin have been approved by the Federal Office for Civil Aviation (FOCA) of Switzerland.

PILATUS advises Operators/Owners to check with their local Airworthiness Authorities for any changes, local regulations or sanctions that may affect the embodiment of this Service Bulletin.

### G. Manpower.

	Total
Removal of the 121 AF ELT	0.25
Modification of the 121 AF ELT	2
Installation of the 406 AF ELT	0.25
<b>TOTAL MAN-HOURS</b>	<b>2.5</b>

### H. Weight and Balance

#### (1) Weight Change

Not affected.

#### (2) Moment Change

Not affected.

### I. Electrical Load Data

Not changed.

### J. Software

Not changed.

### K. References

Aircraft Maintenance Manual (AMM), 12-A-06-20-00-00A-040A-A, 12-A-24-00-00-00A-901A-A, 12-A-25-63-10-00A-903A-A and 12-A-25-63-11-00A-920A-A.

SERPE-IESM Service Bulletin S1824502-25-01.

### L. Publications Affected

Aircrew Flight Manual

AMM, 12-A-25-63-10-00A-903A-A and 12-A-25-63-11-00A-920A-A.

Illustrated Parts Catalog, 12-A-25-60-00-01B-941A-A.

**M. Interchangeability of Parts**

Pre and Post Service Bulletin ELT transmitters are not interchangeable.

**2. Material Information**

**A. Material - Price and Availability**

Operators should send orders for Service Bulletin Modification Kits, to their Authorized Pilatus Service Center, or to:

PILATUS AIRCRAFT LTD.,  
CUSTOMER SUPPORT MANAGER,  
CH-6371 STANS,  
SWITZERLAND

General Aviation:  
Tel: + 41 41 619 6208  
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**NOTE:** Operators are requested to advise Pilatus Aircraft Ltd, of the Manufacturer's Serial Number (MSN) and the flying hours of aircraft which are affected by this Service Bulletin.