

FOR PLANNING PURPOSES

SERVICE BULLETIN

SERVICE BULLETIN NO: 23-005

REF NO: 215

MODIFICATION NO: EC-08-0357

ATA CHAPTER: 23

**COMMUNICATIONS - VHF COMMUNICATION SYSTEM 1 AND 2
TRANSCEIVER - REPLACEMENT OF MMDR KTR2280 RADIOS****1. Planning Information****A. Effectivity:**

PC-12/47E aircraft MSN 545 and MSNs 1001 thru 1040.

B. Concurrent Requirements

None.

C. Reason**(1) Problem**

The Honeywell MMDR KTR2280 radio, P/N 069-01037-0101 (Pilatus P/N 985.99.12.134), can fail to operate correctly in the 8.33 KHz mode after a malfunction in the power supply or an internal power interruption. Because of this fault, the radio does not meet the required Technical Standard Order for equipment of this type.

(2) Solution

Honeywell have introduced a software upgrade for the MMDR KTR2280 radio. The upgrade must be done by Honeywell. The upgraded radio has the new Honeywell P/N 069-01037-0102 (Pilatus P/N 985.99.12.187). All MMDR KTR2280 radios, P/N 069-01037-0101, should be replaced with MMDR KTR2280 radios, P/N 069-01037-0102.

D. Description

This Service Bulletin gives the data and instructions necessary to remove the two MMDR KTR2280 radios P/N 069-01037-0101 and install two MMDR KTR2280 radios P/N 069-01037-0102.

E. Compliance

Recommended.

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F. Approval

The technical content of this Service Bulletin is approved under the authority of DOA No. EASA. 21J. 357.

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
Modification	1.5
Test	4.5
TOTAL MAN-HOURS	6.0

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-B-23-12-01-00A-920A-A.

L. Publications Affected

Illustrated Parts Catalog (IPC): 23-10-00.

Pilot's Operating Handbook (Report No. 02277), Temporary Revision No. 1.

M. Interchangeability of Parts

A Post-SB 23-005 MMDR KTR2280 radio can not be replaced by a Pre-SB 23-005 MMDR KTR2280 radio.

2. Material Information

A. Material - Price and Availability

Operators shall get in contact with their local Honeywell Representative to order replacement parts.

Should you require further information please contact your Authorized Pilatus Service Center or:

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

B. Warranty

Honeywell agrees to cover the costs for parts and labor of affected aircraft on approval of a warranty claim, provided the work is accomplished by an appropriately rated Honeywell Service Center within 12 months of the issue date of this Service Bulletin. A properly completed warranty claim may be submitted to Honeywell in Olathe, Kansas.

C. Material Necessary for Each Aircraft

(1) Material to be Procured

NOTE: Two new MMDR KTR2280 radios are required for each aircraft.

(2) Operator Supplied Materials

Not applicable.