

**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
<b>TOTAL MAN-HOURS</b>	<b>6.0</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-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.