

**COMMUNICATION - SPEECH COMMUNICATION
UPGRADE OF HONEYWELL KTR 2280 MULTI MODE DIGITAL RADIO SOFTWARE****1. Planning Information****A. Effectivity**

PC-12/47E aircraft MSN 545, 1001 thru 1385 with Honeywell Multi Mode Digital Radio (MMDR) P/N 069-01037-0102 (Pilatus P/N 985.99.12.221) unit Serial Number 3584 and lower installed.

Aircraft MSN 1386 and up will have this modification incorporated at production.

B. Concurrent Requirements

None.

C. Reason**(1) Problem:**

The current installed Honeywell MMDR performance can be affected by static interference in precipitation.

(2) Cause:

Operational software.

(3) Solution:

Upgrade the Honeywell MMDR P/N 069-01037-0102 (Pilatus P/N 985.99.12.221) with new operational software.

D. Description

This Service Bulletin gives the data and instructions necessary to:

Part 1 - upgrade the existing Honeywell MMDR with new software (preferred method),

Only maintenance personnel, trained by Honeywell FSE, are allowed to carry out the instructions in this Service Bulletin.

or

Part 2 - remove the existing MMDR and install updated units,

Rev 1 to this Service Bulletin changes a part number and adds the limitation that only maintenance personnel, trained by Honeywell FSE, are allowed to carry out this Service Bulletin.

E. Compliance

Optional.

F. Approval

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

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

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H. Manpower

Task	Man-hours - Part 1
Preparation	1.0
Modification	2.0
Close-Up	6.0
TOTAL MAN-HOURS	9.0

Task	Man-hours - Part 2
Preparation	0.5
Modification	0.5
Close-Up	6.0
TOTAL MAN-HOURS	7.0

I. Weight and Balance:

No change.

J. Electrical load Data:

Not changed.

K. Software:

MMDR Software update to S/W configuration 02/03.

L. References:

Aircraft Maintenance Manual (AMM):

12-B-20-31-00-00A-070A-A 12-B-23-12-00-00A-903A-A 12-B-23-12-01-00A-920A-A
12-B-34-51-00-00A-903A-A 12-B-34-53-00-00A-903A-A

Honeywell Service Bulletin: KTR 2280-34-06.

M. Publications Affected:

IPC.

N. Interchangeability of Parts:

Not interchangeable.

2. Material Information**A. Material - Price and Availability**

If you require more information about this modification, please contact us as follows:

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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 a Pilatus approved Service Center within 12 months of the issue date of this Service Bulletin. A properly completed warranty claim may be filed by accessing the Honeywell Aerospace web page at:
<https://portal.honeywell.com/wps/portal/aero/serviceprograms/warranty>
and selecting the Bendix King logo.

C. Material Necessary for one Aircraft:

NOTE: Part Numbers given in this Service Bulletin are correct at the time of approval. Pilatus Aircraft Ltd. reserves the right to change the part numbers as necessary. Part numbers of items delivered with the Modification Kit are correct when the kit is dispatched. This could lead to differences between those part numbers quoted in this Service Bulletin and the Modification Kit if parts are superseded. Operators are requested to check the IPC for delivered parts which differ from those listed in the Service Bulletin Materials Kit List.