

FOR PLANNING PURPOSES

SERVICE BULLETIN

SERVICE BULLETIN NO: 23-002

REF NO: 117

MODIFICATION NO: ECN-00-0214

ATA CHAPTER: 23

COMMUNICATIONS

VHF NAV/COMM 1 AND NAV/COMM 2 KX155A/KX165A (25KHZ) TRANSCEIVERS - REPLACEMENT

1. Planning Information

A. Effectivity

All PC-12, PC-12/45 and PC-12/47 aircraft with Honeywell KX155A or KX165A (25kHz) VHF Navigation and Communication (NAV/COMM) transceivers installed, up to and including MSN 999, except for aircraft MSN 545.

This Service Bulletin is not applicable to aircraft with KX155 or KX165 transceivers.

B. Concurrent Requirements

None

C. Reason

(1) Problem

The VHF NAV/COMM 1 and NAV/COMM 2 systems in some PC-12 and PC-12/45 aircraft have KX155A or KX165A transceivers with 25kHz channel spacing installed. Transceivers with 8.33kHz channel spacing are mandatory in aircraft which operate at high altitudes in European airspace.

(2) Cause

8.33kHz transceivers are not installed in some PC-12 and PC-12/45 aircraft.

(3) Solution

Replace the KX155A or KX165A (25kHz) transceivers with KX165A (8.33kHz) transceivers.

D. Description

This Service Bulletin gives the data and instructions necessary to replace 25kHz transceivers with 8.33kHz transceivers in the VHF NAV/COMM 1 and NAV/COMM 2 systems. The 8.33kHz transceivers are direct replacements of the 25kHz transceivers.

Revision 1 to this Service Bulletin changes the effectivity and updates the Service Bulletin to the latest standard.

E. Compliance

Optional.

SERVICE BULLETIN

F. Approval

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

NOTE: 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
Preparation	N/A
Modification of the aircraft	2.0
Close up	N/A
TOTAL MAN-HOURS	2.0

NOTE: Man-hours figures do not include the time required to cure sealants and adhesives.

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), 23-12-00 and 34-51-00.

Illustrated Parts Catalog (IPC), 31-10-00.

L. Publications Affected

AMM, 23-12-00 and 34-51-00.

IPC, 31-10-00.

M. Interchangeability of Parts

It is not permitted to install a 25kHz and an 8.33kHz transceiver in the same aircraft.

2. Material Information

A. Material - Price and Availability

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

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

General Aviation:
Tel: + 41 41 619 6208
Fax: + 41 41 619 7311
eMail: SupportPC12@pilatus-aircraft.com

PILATUS BUSINESS AIRCRAFT LTD.,
PRODUCT SUPPORT DEPARTMENT
11755 AIRPORT WAY
BROOMFIELD, CO 80021.
UNITED STATES OF AMERICA

Tel: 303 465 9099
Fax: 303 465 6040
eMail: Productsupport@PilBal.com

PILATUS AUSTRALIA (PTY.) LTD,
17 JAMES SCHOFIELD DRIVE,
ADELAIDE AIRPORT SA 5950,
AUSTRALIA

Tel: (08) 8234 4433
Fax: (08) 8234 4499
Free Call: 1800 445 007
eMail: info@pilatus.com.au

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.