

FOR PLANNING PURPOSES

SERVICE BULLETIN

SERVICE BULLETIN NO: 79-005

REF NO: 141

MODIFICATION NO: ECN 03-0295

ATA CHAPTER: 79

OIL - INDICATING INTRODUCTION OF CHIP DETECTOR IN ENGINE ACCESSORY GEARBOX

1. Planning Information

A. Effectivity

All PC-12, PC-12/45 and PC-12/47 aircraft up to and including MSN 999, except for aircraft MSN 545.

B. Concurrent Requirements

None.

C. Reason

(1) Problem

The oil in the engine accessory gearbox is not monitored for metal particle contamination.

(2) Cause

The accessory gearbox does not have a detector to monitor the gear box oil for metal particles caused by bearing and/or gear damage.

(3) Solution

Install a magnetic chip detector in the accessory gearbox to monitor the gearbox oil-drain for metal particles.

D. Description

This Service Bulletin gives the data and instructions to install a magnetic chip detector in the engine accessory-gear-box oil-drain.

Revision 1 to this Service Bulletin changes the torque value applied to the magnetic chip detector.

Revision 2 changes the Effectivity and updates the Service Bulletin to the latest standard.

E. Compliance

Optional.

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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 can affect the embodiment of this Service Bulletin.

G. Manpower

	Total
Preparation	3.0
Installation of Chip detector and wiring	20.0
Close up	2.0
TOTAL MAN-HOURS	25.0

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), 06-20-00, 20-20-00, 24-00-00, 24-30-07, 25-10-01, 79-00-00 and 79-30-01.

L. Publications Affected

AMM, 05-10-20, 79-30-00 and 79-30-01.

M. Interchangeability of Parts

Not Applicable.

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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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.