

SUBJECT: ENGINE TORQUE LIMITER INSPECTION

Date: Dec 09/13

To all Pilatus Customers, Operators and Service Centers (Maintenance Organizations).

Applicability: All PC-12 Series aircraft.

This Service Letter is issued to draw attention to the following information:

P&WC has issued a Service Bulletin to advise operators and owners to do a one-time inspection of the engine torque limiters. The schedule and the inspection procedure are described in the P&WC Service Bulletin 14473, latest revision.

The P&WC Service Bulletin 14473, dated Oct 25/2013 is attached to this Service Letter for reference.

Operators requiring further information on this subject, please contact one of the addresses given below:

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PRATT & WHITNEY CANADA
SERVICE BULLETIN

P&WC S.B. No. 14473

BULLETIN INDEX LOCATOR
73-10-09

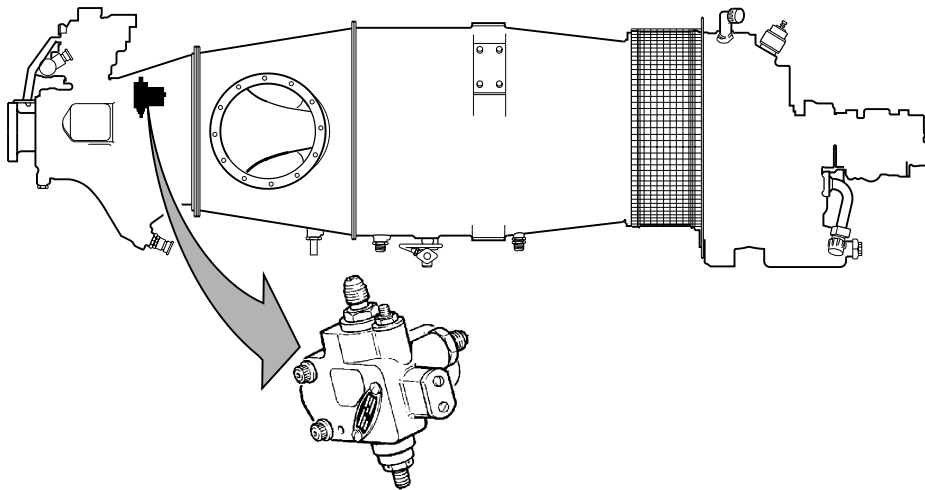
TURBOPROP ENGINE
TORQUE LIMITER - INSPECTION OF

MODEL APPLICATION

PT6A-64, PT6A-66A, PT6A-66D, PT6A-67A, PT6A-67AF, PT6A-67B, PT6A-67P, PT6A-67R,
PT6A-67T

Compliance: CATEGORY 3

Summary: This service bulletin documents an inspection to be performed on the Torque Limiter that are approaching 1,000 hours service time.



Oct 25/2013

PT6A-72-14473
Cover Sheet

24-Hour Global Service

CFIRST CENTRE

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TURBOPROP ENGINE
TORQUE LIMITER - INSPECTION OF

1. Planning Information

A. Effectivity

PT6A-64 Engines.
PT6A-66A Engines.
PT6A-66D Engines.
PT6A-67A Engines.
PT6A-67AF Engines.
PT6A-67B Engines.
PT6A-67P Engines.
PT6A-67R Engines and all engines converted to Engine Model PT6A-67R (Ref. P&WC engine conversion SB14221).
PT6A-67T Engines and all engines converted to Engine Model PT6A-67R (Ref. P&WC engine conversion SB14221).

B. Concurrent Requirements

None.

C. Reason

(1) Problem

An oil leak occurred on the torque limiter after 544 hours of service

(2) Cause

The torque limiter leakage was attributable to the pivot and spring assembly that became loose due to a low torque condition of the retaining screws.

(3) Solution

Perform a one time in-situ inspection of the torque limiters that are approaching 1000 hours of service time.

D. Description

Perform a one time in-situ inspection of the torque limiter

E. Compliance

CATEGORY 3 - P&WC recommends that this SB be performed at next scheduled maintenance not to exceed 150 hrs or within 12 months, whichever comes first, for torque limiters that have accumulated less than 800 hours at time of issue of this SB.

F. Approval

D.A.A. approved

P&WC No. DCR25375

Oct 25/2013

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TORQUE LIMITER - INSPECTION OF

1. Planning Information (Cont'd)

G. Manpower

Once you have access to the part, an estimate of 0.5 man-hours is required to include this service bulletin at maintenance.

H. Weight and Balance

None.

I. Electrical Load Data

Not changed.

J. Software Accomplishment Summary

Not applicable.

K. References

None.

L. Publications Affected

None.

M. Interchangeability and Intermixability of Parts

Not applicable.

2. Material Information

A. Industry Support Information

Not applicable.

B. Material - Cost and Availability

Not applicable.

C. Material Necessary for Each Engine

Not applicable.

D. Reidentified Parts

None.

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TURBOPROP ENGINE
TORQUE LIMITER - INSPECTION OF

2. Material Information (Cont'd)

E. Tooling - Price and Availability

Not applicable.

3. Accomplishment Instructions

A. Gain access to the torque limiter and do a general visual inspection of torque limiter installation and hardware.

B. Do a detailed inspection on the torque limiter pivot spring installation (Ref. Fig. 1), by applying finger pressure to pivot spring assembly and attempt to rotate spring pivot head clockwise and counterclockwise, and note for signs of movement.

(1) If no evidence of movement is found, no further action is required.

(2) If evidence of movement is detected, replace torque limiter per EMM chapter 73-10-09, contact local P&WC FSR and send suspect unit to an authorized facility for repair.

C. Write accomplishment of P&WC S.B. No. 14473 in the applicable engine module log book.

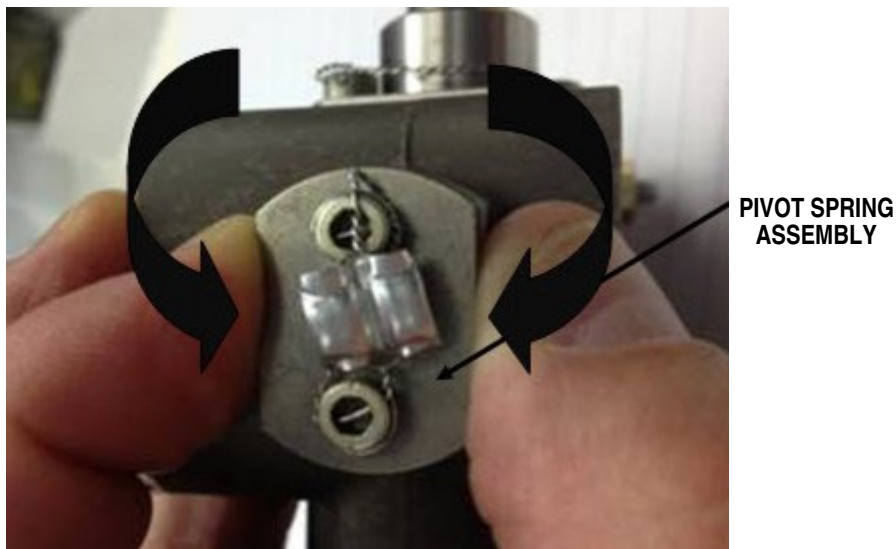
4. Appendix

Not applicable.

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TORQUE LIMITER - INSPECTION OF



**TRY TO ROTATE SPRING PIVOT HEAD IN A CLOCKWISE AND
COUNTER CLOCKWISE DIRECTION AND LOOK FOR ANY SIGNS OF MOVEMENT**

C219712

Torque Limiter Inspection
Figure 1