



PILATUS AIRCRAFT LTD. CH-6371 STANS, SWITZERLAND

SERVICE LETTER

SUBJECT: PRATT & WHITNEY CANADA (P&WC) SERVICE INFORMATION LETTER S.I.L. GEN-094

To all Customers, Operators and Service Centers:

Date: Mar 25/09

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

PRATT & WHITNEY CANADA (P&WC) SERVICE INFORMATION LETTER S.I.L. GEN-094 - QUALITY ALERT - HEX NUT MS9100-04

The vendor has identified a potential quality problem with MS9100-04 hex nuts identified with the letters ASP. An incorrectly machined hex nut, used to retain a back-up ring at a fuel fitting, caused a fuel leak.

Stocks of the vendor and supplier have been inspected and purged of suspect parts.

Pilatus Aircraft Ltd. and P&WC remind operators of the need for operational leak checks, as detailed in the applicable technical documentation, following maintenance activity on fluid systems.

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

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.
USA

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 : +61 (08) 8234 4433
Fax: +61 (08) 8234 4499
Free Call: 1800 445 007
eMail: info@pilatus.com.au

Attachments: PRATT & WHITNEY CANADA SERVICE INFORMATION LETTER S.I.L. GEN-094

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SERVICE LETTER

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SERVICE INFORMATION LETTER

Subject: Quality Alert – Hex Nut MS9100-04

Applicability: PT6, JT15D, PW100, PW200, PW300, PW500, PW600, PW900, T400 and ST6 Series Engines

This Service Information Letter is issued to inform operators of a potential quality issue related to MS9100-04 hex nuts. The nuts in question are identified with the letters "ASP".

A P&WC manufacturing centre recently identified the potential for an engine external fuel leak resulting from an incorrectly machined MS9100-04 hex nut. The nut is used to retain a back-up ring at fuel-fitting seal locations.



- 30 - Housing
- 40 - Fitting
- 50 - Nut
- 60 - Back-up ring
- 70 - Packing

Investigation revealed that the axis of the nut's internal thread did not meet perpendicularity, or squareness, requirements relative to the face of the nut.

Once installed, the resulting off-set at the face of a deviating hex nut may compromise clamping of the back-up ring in the fuel-fitting seal assembly. In the event of damage to the primary fuel-fitting seal (packing), this could result in leakage.

P&WC and the product distributor have subsequently inspected and purged their stock of deviating parts.

P&WC wishes to reiterate the requirements for operational leak checks, in accordance with the applicable engine Maintenance Manual instructions, following fluid system maintenance activities.

Yours truly,

PRATT & WHITNEY CANADA CORP.

G. Whitty
Deputy Chief Engineer
Customer Service

This Service Information Letter is valid until superseded or cancelled by revision
ISSUED: 06 Mar 2009