



PILATUS AIRCRAFT LTD. CH-6371 STANS, SWITZERLAND

SERVICE LETTER

SUBJECT: PRATT & WHITNEY CANADA (P&WC) SERVICE INFORMATION LETTER (SIL) GEN PT6A-026

To all Customers, Operators and Service Centers:

Date: Jul 10/08

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

P&WC SIL GEN PT6A-026 - HANDLING OF EXTERNAL ENGINE TUBES AND FITTINGS

P&WC SIL GEN PT6A-026 reminds operators of the precautions to be taken when installing, removing and performing maintenance on external engine tubes, lines and fittings. Mishandling tubes and fittings during normal maintenance activities can subject the components to distortion or stresses beyond normal utilization, leading to fracture during subsequent operation.

Pilatus fully supports the content of P&WC SIL GEN PT6A-026 as proper handling of engine external tubes and fittings avoids unnecessary failures and subsequent possible in-service incidents.

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

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CH-6371 STANS,
SWITZERLAND.

General Aviation
Tel : + 41 41 619 6208
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PILATUS BUSINESS AIRCRAFT LTD.,
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Attachments: **P&WC SIL PT6A GEN-026**

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SERVICE INFORMATION LETTER

Subject Handling of external engine tubes and fittings

Applicability All PT6A engines

Subject Handling of external engine tubes and fittings

This Service Information Letter (SIL) is issued to remind operators of precautions to be taken when installing, removing and performing maintenance on external engine tubes, lines and fittings.

Investigations of incidents in service (including in-flight shutdowns) have determined that mishandling tubes and fittings during normal maintenance activities can subject these components to distortion or stresses beyond normal utilization, leading to fracture during subsequent operation.

Operators, maintenance providers and Repair and Overhaul facilities are reminded to adhere to Engine Maintenance Manual procedures during engine accessory or Power Section removal and installation. When aligning hydraulic or pneumatic tubes (whether rigid or flexible) with mating fittings, exercise caution to avoid bending, twisting or forcing the components. Rigid tubes in particular should be loosened or disconnected at both ends to prevent distortion or the application of excessive stresses at the tube ends. Ensure proper alignment of external oil tubes prior to axial engagement with alloy fittings.

Recommended installation procedures include adjusting end-fittings to align with the tubing, and clamping or fastening the tube only when it is installed in position with no noticeable tension or load. Tubes should fit snugly between component end-fittings without forcing or twisting. The fastening of end-fittings must be done to specified torques and while holding the fitting to avoid imparting excessive torsion loads on the tubing.

Operators and maintainers are requested to refer to the Standard Practices section of the Engine Maintenance Manual for specific instructions on handling engine tubes and fittings, and to adhere to the aircraft manufacturer's instructions for positioning and fastening of mating airframe hardware.

PRATT & WHITNEY CANADA CORP.

David Meisels
Manager PT6A,
Service Engineering

This Service Information Letter is valid until superseded or cancelled by revision.

ISSUED: 29 May 2008

