



PILATUS AIRCRAFT LTD. CH-6371 STANS, SWITZERLAND

SERVICE LETTER

**SUBJECT: P&WC SERVICE INFORMATION LETTER NO: GEN - 040 R1 - FUEL NOZZLE
ADAPTER PACKING LUBRICANT**

All Operators:

Date: July 09/97

This service letter draws the attention of customers to Vendor information that provides full details on the above topics as follows:

APPENDIX A P&WC Service Information No: GEN-040 R1 -- Fuel Nozzle Adapter Packing Lubricant.

Firstly, contact the Vendor for any specific inquiries concerning the subject matter.

If you have difficulty, make inquiries at the following address:

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

Tel: +41 41 619 6509
Fax: +41 41 610 3351

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Appendix A to Pilatus Service Letter No. 022

(P&WC Service Information Letter No:GEN-040 R1, - Fuel Nozzle Adapter
Packing Lubricant, Dated 02 May /97)

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SERVICE INFORMATION LETTER

Subject : FUEL NOZZLE ADAPTER PACKING LUBRICANT

Applicability : ALL PRATT & WHITNEY CANADA ENGINE MODELS

The reason for this revision is to clarify our position as to why some of the previously accepted products are no longer recommended.

Products such as those described below are **NOT** recommended by Pratt & Whitney Canada. We are making this statement to ensure that the possibility of mis-use is nonexistent as they have proven to block fuel passages if used in large quantities. Blockage of the small passages directly affects the performance of the fuel nozzle jets by decreasing their ability to properly atomize fuel in a uniform spray pattern. Poor fuel nozzle spray quality can accelerate hot section distress thereby raising engine shop visit costs. The following products are either non-soluble or not miscible with fuel and are therefore **NOT** recommended for general use as a fuel nozzle adapter packing lubricant :

- ⇒ Ultrachem assembly fluid
- ⇒ Petrolatum or Vaseline
- ⇒ Vegetable oils or shortening
- ⇒ Greases of any kind
- ⇒ All petroleum based oil products except approved oils

We recommend approved turbine engine oil be used exclusively due to the fact that it is completely soluble and miscible with fuel.

All Engine Maintenance & Overhaul Manuals will be updated to reflect these recommendations.

Pratt & Whitney Canada

F.R. Cowley

Chief Customer Support Engineer

This Service Information Letter is valid for one year from date of issue.

Issued:

2 May 1997

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Canada J4G 1A1

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