



GO BEYOND

P&WC 11524 (2020-11) MRO Information Management (9290)

S.I.L. NO. PT6C-046

SERVICE INFORMATION LETTER

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Subject: **FMM Fuel Pump Shaft seizure and shearing due to Aircraft Fuel tank contamination**

Applicability: **PT6C-67A / B / C / D Engines**

There have been recent field events where the FMM fuel pump driveshaft sheared during operation. Investigation of these units revealed the presence of a large quantity of silica based contaminants that caused the pump drive to seize. The FMM fuel filter prevented the contaminants from flowing downstream to the fuel nozzles, as per design intent, as there were no reported annunciations of the fuel filter impending bypass indication system. Operators experiencing these events were notified of the findings so that they may take the required action per the applicable aircraft maintenance procedures.

This SIL is published to notify operators of these events, the cause and to also take the opportunity to remind operators to refer to the applicable EMM chapters for the recommended procedures when the engine fuel components are exposed to contaminated fuel

For further information, please contact your local P&WC Field Support Manager, or the P&WC Customer Help Desk, Tel +1 450-647-8000 or +1-800-268-8000. We can also be reached at cfirst@pwc.ca, or our website www.pwc.ca.

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Vince Vessella: Customer Engineering Representative - Turboshaft Engines

This Service Information Letter is valid until superseded or cancelled by revision.

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Page 1 of 1

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