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P&WC 11524 (2021-07) MRO Information Management (9290)

S.I.L. NO.
GEN-093R2

SERVICE INFORMATION LETTER

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Subject: **Engine Preservation and Storage**

Applicability: **All P&WC products except PW900 and APS-Model APU**

Several cases of engines inactive for long period of time and not preserved have been reported to P&WC. This Service Information Letter (SIL) is issued to increase operators' level of awareness regarding the importance of carrying out recommended engine preservation steps during periods of inactivity, and of the potential implications should these recommendations not be complied with or applied incorrectly. The required procedures for engine preservation and storage are typically detailed in section 72-00 of the applicable P&WC Engine Maintenance Manual. This SIL revision was necessary to revise the applicability since SILs specific to the APU models were released.

P&WC's service experience continues to indicate that engines taken out of service without benefit of appropriate preservation, as per the procedures defined in the P&WC Maintenance Manuals, can potentially suffer damage from corrosion or, in certain cases, the deterioration of engine fluids or elastomers. The only means to determine and disposition such damage is through additional detailed inspections which, depending on the period of inactivity, may include return of the engine to a repair facility for partial disassembly and visual inspection of such components as bearings and gear elements as well as functional testing of accessories. The potential impact on direct maintenance cost can be important and may lead to an aircraft operational disruption.

Preservation schedules are a function of the expected duration of inactivity. For engines that remain installed on aircraft, running the engine on a sufficiently frequent basis, according to the applicable preservation recommendations, remains the preferred alternative. Please refer to the applicable P&WC Engine Maintenance Manual for familiarization with the details on the preservation and storage recommendations and their implications.

This opportunity is taken to remind customers that, in accordance with the terms of P&WC's Warranty for New Engines and Service Policies and / or Pay-per-hour programs, components deemed unserviceable or discarded

This Service Information Letter is valid until superseded or cancelled by revision.

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REVISED: 22-Oct-2021

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due to damage resulting from lack of recommended preservation will not benefit from any commercial support as this condition is considered to originate from factors beyond P&WC's control.

Customers are encouraged to contact their Field Service Manager or the P&WC Customer First Center (tel: +1-450-647-8000, +1-800-268-8000; email: cfirst@pwc.ca; website: www.pwc.ca.) should assistance be required with respect to procedures set out in P&WC Engine Maintenance Manuals for preservation and storage.

Respectfully,



Tammy Stupalo, P. Eng.
Deputy Chief Engineer
Customer Service
PRATT & WHITNEY CANADA CORP.

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