



GO BEYOND

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

S.I.L. NO. PT6C-049

SERVICE INFORMATION LETTER

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Subject: SCHEDULED INSPECTIONS & MAINTENANCE INTERVALS FOR SPECIFIC OPERATING ENVIRONMENTS

Applicability **All PT6C Series Engines**

The Engine Maintenance Manual (EMM) includes recommended maintenance tasks and intervals for operations in certain types of environments. This SIL is published to notify operators that P&WC will introduce enhanced environmental maintenance procedures to the EMM. A new chapter titled "Inspections and Maintenance Intervals for Specific Operating Environments" will be published as part of next scheduled revision of the EMM.

The maintenance tasks and intervals in this new chapter will help improve engine reliability and reduce the maintenance and operating costs of the engine being operated in specific (harsh) environmental conditions.

The Inspections and Maintenance Intervals for Specific Operating Environments chapter will include:

- A detailed definition/explanation of the various types of operating environments ie. Sand/Dust, Sulfur-rich/Polluted, Salt-Laden and their effect on the engine,
- A definition of "frequency of operations" in these environments, ie. Continually, Frequently, Occasionally or Rarely,
- The recommended types of engine washes and intervals for each of these environments,
- The recommended hot section inspection checks when operating in Sand/Dust conditions,
- The recommended cold section (compressor) inspections when operating in Sand/Dust conditions, and
- The recommended inspections for accessories when operating in Sand/Dust conditions

These procedures will complement the existing scheduled maintenance checks/requirements and where indicated may be adjusted as required based on inspection results and operator experience.

This Service Information Letter is valid until superseded or cancelled by revision.

ISSUED: 15 Jun-2022

Page 1 of 2

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Please contact your P&WC Field Support Manager, P&WC Customer First (CFirst) centre at (1-800-268-8000, CFirst@pwc.ca) for assistance or clarification.

PRATT & WHITNEY CANADA CORP



Pat Di Rico, CD
Customer Engineering
Turboshaft Engines

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Page 2 of 2

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