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

S.I.L. NO.
PT6C-004 R2

SERVICE INFORMATION LETTER

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Subject: **Electromagnetic Interference (EMI) Evaluation Test**

Applicability: **All PT6C-67 series engines**

Pratt & Whitney Canada Corp. (P&WC) occasionally receives requests regarding the evaluation and qualification of certain aircraft equipment after installation with respect to electromagnetic interference (EMI).

This Service Information Letter is issued to inform all concerned of P&WC's capability to provide EMI testing support, the details of the program and the procedures for requesting this service through the P&WC Customer Portal.

P&WC may support the qualification of new electronic/electric equipment. However, please note that P&WC is not in a position to determine whether an EMI evaluation test is required for equipment being installed on an aircraft. This requirement is usually determined by the organization carrying out the modification in conjunction with the local airworthiness authorities and/or the aircraft manufacturer.

A test plan that includes a brief description of the equipment being installed, engine parameters such as engine operating mode, torque, aircraft/ engine EEC/FADEC serial numbers and registration numbers must be supplied to P&WC prior to the test. The test plan shall identify all operating modes of the unit that is to be tested. P&WC can provide additional clarification if required prior to the testing.

Fee:

The basic fee for this service is \$7,875.00 USD plus applicable taxes. This basic fee includes:

- P&WC review of the test plan submitted by the requestor,
- On-site P&WC support in the form of a qualified representative using special engine Electronic Engine Control (EEC)/FADEC recording equipment for the duration of the test,

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REVISED: 04-Jul-2023

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- Post-test analysis of the data by P&WC Controls Engineers/specialists, and
- Test results in the form of a P&WC letter that may be submitted to the requestor's local authorities for approval or cognizance if required.

Note:

P&WC will typically require a period minimum of seven working days to analyze the data and issue a final letter to the requestor.

Request and Payment

Document access and invoicing of any applicable charges for the above requests are fully automated through the MyP&WC Power Portal. P&WC encourages first time users to register at <https://customer.pwc.ca> to get access to the appropriate area of the Portal. When you register on our portal, it establishes an immediate two-way communication channel that will facilitate the payment and flow of information between you and P&WC. Customers will be notified once their requested information is available and accessible on My P&WC Power Portal.

For more information, please contact our P&WC CFirst department at the following coordinates:

Email: cfirst@pwc.ca

Telephone:

1 450 647 8000

1 800 268 8000

(international access code) = 8000 268 8000

Respectfully,



Vince Vessella
Turboshaft Customer Engineering

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