

Service Bulletin No: 61-002

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ATA Chapter: 61

**PROPELLER ASSEMBLY - REPLACE THE FIVE-BLADED PROPELLER WITH A FOUR-BLADED PROPELLER****1. Planning Information****A. Effectivity**

PC-12/47E series aircraft MSN 545 and MSN 1576 and up, with a five-bladed propeller installed.

**B. Concurrent Requirements**

None.

**C. Reason**

To replace the five-bladed propeller with a four-bladed propeller.

**D. Description**

This Service Bulletin gives the data and instructions to remove the Hartzell five-bladed propeller and install a four-bladed propeller.

**E. Compliance**

Optional.

**F. Approval**

The technical content of this Service Bulletin is approved under the authority of DOA No. EASA.21J.357.

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**H. Manpower**

| <b>Task</b>            | <b>Man-hours</b> |
|------------------------|------------------|
| Preparation            | 1.5              |
| Modification           | 8.0              |
| Test                   | 4.0              |
| Close up               | 3.0              |
| <b>TOTAL MAN-HOURS</b> | <b>16.5</b>      |

**I. Weight and Balance****(1) Weight Change**

Weight change: +3,766 kg (+8.3 lbs).

**(2) Moment Change**

Moment change: +3,12 kgm (+0.175 lb in).

**(3) Arm Change**

Not changed.

**J. Electrical Load Change Data**

Not changed.

**K. Software**

Not changed.

**L. References**

Aircraft Maintenance Manual (AMM):

|                          |                          |
|--------------------------|--------------------------|
| 12-B-12-10-03-00A-902A-A | 12-B-20-31-00-00A-070A-A |
| 12-B-24-00-00-00A-901A-A | 12-B-30-60-00-00A-903A-A |
| 12-B-30-60-02-00A-920A-A | 12-B-30-60-02-00A-920B-A |
| 12-B-61-00-00-00A-903A-A | 12-B-61-10-01-00A-920A-A |
| 12-B-61-10-01-00A-920B-A | 12-B-71-00-00-00A-903A-A |
| 12-B-72-10-00-01A-920A-A |                          |

Tool and Equipment Manual (TEM):

12-B-00-00-00-00A-060A-A

Pratt & Whitney Canada Special Instruction 90-2015R3 (Appendix A).

Hartzell Propeller Inc, Service Letter HC-SL-30-260 (Appendix A).

**M. Publications Affected**

Not applicable.

**N. Interchangeability of Parts**

Not interchangeable.

**2. Material Information****A. Material - Price and Availability**

Operators that require additional information and/or Service Bulletin Material should contact their authorized Pilatus Service Center, or Pilatus Customer Support on [www.pilatus-aircraft.com](http://www.pilatus-aircraft.com) → contact us

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