



# SERVICE BULLETIN

## SB-AG-91

Rev IR: 03/16/2026

### NOTIFICATION OF P&WC S.B. NO. 1861

Affected Aircraft Models	Serial Number Range
S2R-T34 S2R-510-34	See Table 1

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Director of Engineering

## LOG OF REVISIONS

**NOTE:** Reformatting and correction of typographical errors is not considered revision.

REV	PAGE	DESCRIPTION OF REVISION	BY:
IR	All	New Document Initial Release.	T. Surratt 03/16/2026

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## 1. PURPOSE/REASON FOR PUBLICATION

This Service Bulletin is to notify owners/operators of Thrush aircraft with a PT6A-34AG engine installed of a Service Bulletin (S.B. No. 1861) released by Pratt & Whitney Canada regarding the replacement of FCU spool bearing assemblies that are susceptible to distress.

## 2. SCOPE/COMPLIANCE

There are no required completion criteria on the part of Thrush Aircraft, LLC., other than those specified in Pratt & Whitney Canada's Service Bulletin S.B. No. 1861.

Engine S/N	HW FCU S/N	Engine Model	Installation
PH1273	F76787	PT6A-34AG	THRUSH S2R-T34
PH1277	F76792	PT6A-34AG	THRUSH S2R-T34
PH1271	F76795	PT6A-34AG	THRUSH S2R-T34
PH1286	F76809	PT6A-34AG	THRUSH S2R-T34
PH1283	F76813	PT6A-34AG	THRUSH S2R-T34
PH1292	F76826	PT6A-34AG	THRUSH S2R-T34
PH1291	F76828	PT6A-34AG	THRUSH S2R-T34
PH1288	F76830	PT6A-34AG	THRUSH S2R-T34
PH1289	F76831	PT6A-34AG	THRUSH S2R-T34
PH1294	F76838	PT6A-34AG	THRUSH S2R-T34
PH1296	F76843	PT6A-34AG	THRUSH S2R-T34
PH1310	F76883	PT6A-34AG	THRUSH S2R-T34
PH1325	F76918	PT6A-34AG	THRUSH S2R-T34
PH1326	F76922	PT6A-34AG	THRUSH S2R-T34
PH1328	F76924	PT6A-34AG	THRUSH S2R-T34
PH1350	F76975	PT6A-34AG	THRUSH S2R-T34
PH1364	F76990	PT6A-34AG	THRUSH S2R-T34
PH1370	F76991	PT6A-34AG	THRUSH S2R-T34
PH1374	F77002	PT6A-34AG	THRUSH S2R-T34
PH1373	F77003	PT6A-34AG	THRUSH S2R-T34
PH1386	F77027	PT6A-34AG	THRUSH S2R-T34
PH1391	F77037	PT6A-34AG	THRUSH S2R-510
PH1520	F77202	PT6A-34AG	THRUSH S2R-510
PH1304	F76862	PT6A-34AG	THRUSH S2R-T34
PH1309	F76873	PT6A-34AG	THRUSH S2R-T34
PH1371	F76954	PT6A-34AG	THRUSH S2R-T34
PH1344	F76966	PT6A-34AG	THRUSH S2R-T34
PH1353	F76980	PT6A-34AG	THRUSH S2R-T34
PH1355	F76987	PT6A-34AG	THRUSH S2R-T34
PH1360	F76988	PT6A-34AG	THRUSH S2R-T34

**Table 1**

\*\*\*NOTE\*\*\*

See P&WC S.B. No. 1861 tables for expanded FCU S/N listing and applicability.

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SERVICE BULLETIN**

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**BULLETIN INDEX LOCATOR**

TURBOPROP ENGINE  
FUEL CONTROL UNIT - INSPECTION OF

MODEL APPLICATION

PT6A-25C, PT6A-27, PT6A-28, PT6A-34, PT6A-34AG, PT6A-35, PT6A-36, PT6A-114, PT6A-114A,  
PT6A-135, PT6A-135A

Commercial Support Program No: 1009456

Compliance: CATEGORY 3, 6

Summary: Based on some recent field data, there may be a potential of torque fluctuations, uncommanded acceleration and/or inability to modulate power on a certain population of FCU assembled between 2018 and 2022. These FCUs may have spool bearing assemblies that may be susceptible to distress. This Service Bulletin gives instructions to replace the spool bearing assemblies on suspect FCU.



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Cover Sheet

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## PRATT & WHITNEY CANADA SERVICE BULLETIN

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### TURBOPROP ENGINE FUEL CONTROL UNIT - INSPECTION OF

1. Planning Information

A. Effectivity

Refer to the Fuel Control Unit listed in Tables 1, 2, 3, 4, 5, 6, 7, 8 or 9 for list of suspect Fuel Control Unit (FCU) Serial Number.

B. Concurrent Requirements

None.

C. Reason

(1) Problem

Based on some recent field data, there may be a potential of torque fluctuations, uncommanded acceleration and/or inability to modulate power on a certain population of FCU assembled between 2018 and 2022.

(2) Cause

These FCUs may have spool bearings assemblies that may be susceptible to distress.

(3) Solution

Replace the spool bearing assemblies on the suspect FCU.

NOTE: Some document may refer to spool bearing or cap bearing, this is the same component.

D. Description

Replace the FCU with a serviceable one.

E. Compliance

**FCU with Time Since New less than 1000 hours:**

CATEGORY 3 - P&WC recommends to do this service bulletin within 300 flight-hours, not to exceed 1100 hours TSN.

**FCU with Time Since New between 1000 and 2100 hours:**

CATEGORY 3 - P&WC recommends to do this service bulletin within 100 flight-hours.

**FCU with Time Since New of 2100 hours or higher:**

CATEGORY 6 - P&WC recommends to do this service bulletin when the subassembly (i.e. module, accessories, components, or build groups) is disassembled and access is available to the necessary part. Do all spare subassemblies.

P&WC No. ETI-0089956

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## PRATT & WHITNEY CANADA SERVICE BULLETIN

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### TURBOPROP ENGINE FUEL CONTROL UNIT - INSPECTION OF

#### 1. Planning Information (Cont'd)

##### F. Approval

The technical content of this document is approved under the authority of the Transport Canada Civil Aviation (TCCA) Design Approval Organization No: DAO No. 93-Q-01.

##### G. Manpower

No more man-hours are necessary to include this service bulletin at overhaul.

Once you have access to the part, an estimate of 3.0 man-hours are required to include this service bulletin at repair.

##### H. Weight and Balance

None.

##### I. Electrical Load Data

Not applicable.

##### J. Software Accomplishment Summary

Not applicable.

##### K. References

Illustrated Parts Catalog P/N [3013244](#) (PT6A-21, PT6A-27, PT6A-28).

Illustrated Parts Catalog P/N [3032144](#) (PT6A-25C).

Illustrated Parts Catalog P/N [3021244](#) (PT6A-34, PT6A-34AG, PT6A-34B, PT6A-36).

Illustrated Parts Catalog P/N [3058364](#) (PT6A-35).

Illustrated Parts Catalog P/N [3043514](#) (PT6A-114, PT6A-114A, PT6A-135, PT6A-135A).

Maintenance Manual P/N [3027542](#) (PT6A-21, PT6A-27, PT6A-28).

Maintenance Manual P/N [3032142](#) (PT6A-25C)

Maintenance Manual P/N [3021242](#) (PT6A-34, PT6A-34AG, PT6A-34B, PT6A-36).

Maintenance Manual P/N [3043512](#) (PT6A-114, PT6A-114A, PT6A-135, PT6A-135A).

Maintenance Manual P/N [3058362](#) (PT6A-35).

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## TURBOPROP ENGINE FUEL CONTROL UNIT - INSPECTION OF

### 1. Planning Information (Cont'd)

Overhaul Manual P/N [3013243](#) (PT6A-21, PT6A-27, PT6A-28).

Overhaul Manual P/N [3032143](#) (PT6A-25C).

Overhaul Manual P/N [3021243](#) (PT6A-34, PT6A-34AG, PT6A-34B, PT6A-36, PT6A-35, PT6A-114, PT6A-114A, PT6A-135, PT6A-135A).

Honeywell SB DPF2-73-0011

#### L. Publications Affected

None.

#### M. Interchangeability and Intermixability of Parts

Not Applicable.

### 2. Material Information

#### A. Industry Support Information

Refer to Commercial Support Program Notification (CSPN) No. 1009456.

Refer to vendor SB Honeywell SB DPF2-73-0011

#### B. Material - Price and Availability

Not Applicable.

#### C. Material Necessary for Each Engine

Not Applicable.

#### D. Reidentified Parts

None.

#### E. Tooling - Price and Availability

Not Applicable.

### 3. Accomplishment Instructions

- A. Do an inspection of the FCU suspected batch serial number.

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### TURBOPROP ENGINE FUEL CONTROL UNIT - INSPECTION OF

3. Accomplishment Instructions (Cont'd)

- (1) If FCU serial number is listed in Tables 1, 2, 3, 4, 5, 6, 7, 8 or 9 send FCU to approved repair facility to get the spool bearing replaced.
  - (2) If FCU is not listed, no further action is needed.
- B. Record the accomplishment of P&WC SB1861 in the applicable engine/module technical records (engine logbook).

TABLE 1, PT6A-34, PT6A-34AG Engines  
Fuel Control Unit P/N 3048965-03 (4138008-3)

| Serial Number |
|---------------|---------------|---------------|---------------|---------------|
| F77007        | F76808        | F76864        | F76931        | F76986        |
| F77008        | F76810        | F76865        | F76932        | F76987        |
| F77013        | F76811        | F76867        | F76942        | F76988        |
| F77015        | F76812        | F76868        | F76943        | F76989        |
| F77016        | F76813        | F76871        | F76944        | F76990        |
| F77017        | F76814        | F76872        | F76945        | F76991        |
| F77018        | F76816        | F76873        | F76947        | F76998        |
| F77020        | F76817        | F76874        | F76948        | F76999        |
| F77021        | F76822        | F76882        | F76952        | F77000        |
| F77024        | F76823        | F76884        | F76953        | F77001        |
| F77025        | F76825        | F76885        | F76954        | F77002        |
| F77028        | F76826        | F76887        | F76955        | F77003        |
| F77031        | F76827        | F76896        | F76956        | F77004        |
| F77033        | F76828        | F76897        | F76966        | F77005        |
| F77036        | F76830        | F76899        | F76967        | F77006        |
| F76783        | F76835        | F76900        | F76968        | F77009        |
| F76784        | F76836        | F76902        | F76969        | F77010        |
| F76785        | F76837        | F76903        | F76970        | F77011        |
| F76786        | F76841        | F76906        | F76971        | F77012        |
| F76788        | F76842        | F76907        | F76972        | F77014        |
| F76789        | F76843        | F76908        | F76973        | F77019        |

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### TURBOPROP ENGINE FUEL CONTROL UNIT - INSPECTION OF

3. Accomplishment Instructions (Cont'd)

TABLE 1, PT6A-34, PT6A-34AG Engines  
Fuel Control Unit P/N 3048965-03 (4138008-3) (Cont'd)

| Serial Number |
|---------------|---------------|---------------|---------------|---------------|
| F76792        | F76844        | F76909        | F76974        | F77026        |
| F76793        | F76845        | F76910        | F76975        | F77027        |
| F76794        | F76846        | F76911        | F76976        | F77032        |
| F76795        | F76847        | F76913        | F76977        | F77034        |
| F76799        | F76849        | F76918        | F76978        | F77037        |
| F76800        | F76851        | F76921        | F76980        | F77038        |
| F76803        | F76852        | F76922        | F76981        | F77039        |
| F76804        | F76856        | F76924        | F76982        | F77041        |
| F76805        | F76858        | F76925        | F76983        | F77042        |
| F76806        | F76861        | F76927        | F76984        | F77201        |
| F76807        | F76863        | F76928        | F76985        | F77202        |

TABLE 2, PT6A-27, PT6A-28 Engines  
Fuel Control Unit P/N 3049625-02 (2524440-9)

| Serial Number |
|---------------|---------------|---------------|---------------|---------------|
| F7532         | F7541         | F7551         | F7570         | F7576         |
| F7533         | F7545         | F7553         | F7571         | F7577         |
| F7534         | F7547         | F7554         | F7572         | F7585         |
| F7536         | F7548         | F7555         | F7573         | F7586         |
| F7537         | F7549         | F7556         | F7574         |               |
| F7540         | F7550         | F7558         | F7575         |               |

TABLE 3, PT6A-27, PT6A-28, PT6A-34, PT6A-34AG, PT6A-36 Engines  
Fuel Control Unit P/N 3049635-02 (3244786-8)

| Serial Number |
|---------------|---------------|---------------|---------------|---------------|
| F22491        | F22493        | F22495        | F22498        | F22500        |
| F22492        | F22494        | F22496        | F22499        | F22501        |

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### TURBOPROP ENGINE FUEL CONTROL UNIT - INSPECTION OF

3. Accomplishment Instructions (Cont'd)

TABLE 4, PT6A-25C, PT6A-34, PT6A-35, PT6A-36, PT6A-114, PT6A-114A, PT6A-135,  
PT6A-135A Engines  
Fuel Control Unit P/N 3122696-03 (3244809-8)

| Serial Number |
|---------------|---------------|---------------|---------------|---------------|
| F26664        | F26671        | F26685        | F26697        | F26711        |
| F26665        | F26673        | F26686        | F26698        | F26713        |
| F26666        | F26674        | F26687        | F26701        | F26714        |
| F26667        | F26675        | F26690        | F26702        | F26719        |
| F26668        | F26676        | F26691        | F26703        | F26720        |
| F26669        | F26678        | F26692        | F26709        | F26724        |
| F26670        | F26679        | F26695        | F26710        | F26727        |
|               | F26684        |               |               | F26728        |

TABLE 5, PT6A-34, PT6A-135A Engines  
Fuel Control Unit P/N 3122696-04 (3244809-9)

| Serial Number |
|---------------|---------------|---------------|---------------|---------------|
| F26653        | F26659        | F26683        | F26699        | F26716        |
| F26654        | F26660        | F26689        | F26700        | F26721        |
| F26655        | F26661        | F26693        | F26704        | F26723        |
| F26657        | F26662        | F26694        | F26712        |               |
| F26658        | F26663        | F26696        | F26715        |               |

TABLE 6, PT6A-27, PT6A-34, PT6A-36, PT6A-135A Engines  
Fuel Control Unit P/N 3049640-02 (3244834-6)

Serial Number	Serial Number	Serial Number
F62279	F62281	F62283
F62280	F62282	F62284

TABLE 7, PT6A-114A, PT6A-135A Engines  
Fuel Control Unit P/N 3122678-04 (3244897-4)

| Serial Number |
|---------------|---------------|---------------|---------------|---------------|
| F66938        | F66957        | F66986        | F67007        | F67040        |

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### TURBOPROP ENGINE FUEL CONTROL UNIT - INSPECTION OF

3. Accomplishment Instructions (Cont'd)

TABLE 7, PT6A-114A, PT6A-135A Engines  
Fuel Control Unit P/N 3122678-04 (3244897-4) (Cont'd)

| Serial Number |
|---------------|---------------|---------------|---------------|---------------|
| F66940        | F66958        | F66987        | F67011        | F67041        |
| F66942        | F66959        | F66989        | F67013        | F67047        |
| F66943        | F66960        | F66991        | F67014        | F67048        |
| F66944        | F66961        | F66992        | F67016        | F67050        |
| F66945        | F66962        | F66993        | F67017        | F67052        |
| F66947        | F66964        | F66994        | F67018        | F67053        |
| F66948        | F66965        | F66995        | F67019        | F67054        |
| F66949        | F66966        | F66996        | F67020        | F67055        |
| F66950        | F66969        | F66997        | F67025        | F67056        |
| F66951        | F66972        | F66998        | F67026        | F67057        |
| F66952        | F66975        | F67000        | F67027        | F67058        |
| F66953        | F66977        | F67002        | F67035        | F67060        |
| F66954        | F66979        | F67003        | F67036        | F67061        |
| F66955        | F66980        | F67005        | F67037        | F67062        |
| F66956        | F66983        | F67006        | F67039        | F67065        |
|               |               |               |               | F67066        |

TABLE 8, PT6A-34, PT6A-135A Engines  
Fuel Control Unit P/N 3057221-01 (4138013-1)

| Serial Number |
|---------------|---------------|---------------|---------------|---------------|
| F81541        | F81565        | F81589        | F81614        | F81639        |
| F81542        | F81566        | F81590        | F81615        | F81640        |
| F81543        | F81567        | F81591        | F81616        | F81641        |
| F81544        | F81568        | F81592        | F81617        | F81642        |
| F81545        | F81569        | F81594        | F81618        | F81643        |
| F81546        | F81570        | F81595        | F81619        | F81644        |
| F81547        | F81571        | F81596        | F81620        | F81645        |

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### TURBOPROP ENGINE FUEL CONTROL UNIT - INSPECTION OF

3. Accomplishment Instructions (Cont'd)

TABLE 8, PT6A-34, PT6A-135A Engines  
Fuel Control Unit P/N 3057221-01 (4138013-1) (Cont'd)

| Serial Number |
|---------------|---------------|---------------|---------------|---------------|
| F81548        | F81572        | F81597        | F81621        | F81646        |
| F81549        | F81573        | F81598        | F81622        | F81647        |
| F81550        | F81574        | F81599        | F81623        | F81653        |
| F81551        | F81575        | F81600        | F81624        | F81654        |
| F81552        | F81576        | F81601        | F81625        | F81655        |
| F81553        | F81577        | F81602        | F81626        | F81656        |
| F81554        | F81578        | F81603        | F81627        | F81657        |
| F81555        | F81579        | F81604        | F81628        | F81661        |
| F81557        | F81580        | F81605        | F81629        | F81662        |
| F81558        | F81581        | F81606        | F81631        | F81663        |
| F81559        | F81582        | F81607        | F81632        | F81664        |
| F81560        | F81583        | F81608        | F81633        | F81665        |
| F81561        | F81584        | F81609        | F81634        | F81668        |
| F81562        | F81585        | F81610        | F81635        | F81669        |
| F81563        | F81586        | F81611        | F81636        | F81670        |
| F81564        | F81587        | F81612        | F81637        | F81671        |
|               | F81588        | F81613        | F81638        | F81672        |

TABLE 9, PT6A-27, PT6A-34 Engines  
Fuel Control Unit P/N 3075356-01 (442569-1)

| Serial Number |
|---------------|---------------|---------------|---------------|---------------|
| F76790        | F76829        | F76879        | F76912        | F76950        |
| F76791        | F76832        | F76880        | F76914        | F76951        |
| F76796        | F76834        | F76881        | F76915        | F76965        |
| F76797        | F76839        | F76889        | F76916        | F77022        |
| F76801        | F76840        | F76890        | F76917        | F77023        |
| F76802        | F76850        | F76891        | F76919        | F77029        |

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TURBOPROP ENGINE  
FUEL CONTROL UNIT - INSPECTION OF

3. Accomplishment Instructions (Cont'd)

TABLE 9, PT6A-27, PT6A-34 Engines  
Fuel Control Unit P/N 3075356-01 (442569-1) (Cont'd)

| Serial Number |
|---------------|---------------|---------------|---------------|---------------|
| F76815        | F76854        | F76892        | F76920        | F77030        |
| F76819        | F76857        | F76901        | F76923        | F77040        |
| F76821        | F76866        | F76904        | F76926        |               |
| F76824        | F76876        | F76905        | F76946        |               |

4. Appendix

Not applicable.

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### 3. COMPLIANCE

**Service Bulletin SB-AG-91 Rev. IR Compliance Report**

Aircraft S/N:	Aircraft Owner:
Aircraft Registration #:	Address of Owner:
Airframe total time:	City & State:
Engine total time:	Physical location:
Complied with by:	Date of Compliance:
Signature:	Certificate #:

**PLEASE RETURN THIS REPORT ONLY AFTER INSPECTION AND MODIFICATION IS MADE**

This response card may be mailed, faxed to (229) 317-8225, or emailed to:  
[support@thrushaircraft.com](mailto:support@thrushaircraft.com)

Fold, Tape & Mail (Do Not Staple)

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Return Address:

**Thrush Aircraft, LLC  
Attn: Customer Support Team  
300 Old Pretoria Road  
Albany, GA 31721**