



VSP-76

August 31, 1987

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VENDOR SERVICE PUBLICATION

TO: All Affected Owners/Operators, Piper Cheyenne Sales Centers,
Cheyenne Service Distributors, Factory Direct Dealers and
Cheyenne Field Service Facilities

SUBJECT: Pratt and Whitney Engine Service Bulletin No. 1407

MODELS AFFECTED:

PA-31T2 Cheyenne IIXL

SERIAL NUMBERS AFFECTED:

31T-8166001 through 31T-8166076
31T-1166001 through 31T-1166008

PURPOSE: To distribute the attached Pratt and Whitney Engine Service
Bulletin No. 1407 to all affected Owners/Operators, Piper Cheyenne Sales
Centers, Cheyenne Service Distributors, Factory Direct Dealers and Cheyenne
Field Service Facilities.

The attached Publication may affect Pratt and Whitney equipment installed
in the above listed Piper Airplanes. Refer to the Publication for specific
details.





ENGINE *Service Bulletin*

NO. 1407

IMPROVED RETENTION FOR T5 BUS-BAR ASSEMBLY - INTRODUCTION OF

1. Planning Information

A. Effectivity

Models

PT6A-25C,-34,-34AG,-34B,
-36,-114,-116,-135,-135A

Application

- (1) All PT6A-25C Engines prior to Serial No. PC-E26150
- (2) All PT6A-34 Engines prior to Serial No. PC-E57256
- (3) All PT6A-34B/-34AG Engines prior to Serial No. PC-E (TBA)
- (4) All PT6A-36 Engines prior to Serial No. PC-E38201
- (5) All PT6A-114 Engines prior to Serial No. PC-E17062
- (6) All PT6A-116 Engines prior to Serial No. PC-E18003
- (7) All PT6A-135,-135A Engines prior to Serial No. PC-E (TBA)

Spares in Stock Affected: No

B. Reason

To insure positive clamping of the T5 bus-bar assembly to the PT stator housing.

C. Description

Flat washers are installed on bolts securing T5 bus-bar assembly to the PT stator housing.

D. Compliance

Recommended - Desirable. P&WC recommends accomplishment when dis-assembly of engine is sufficient to afford access to the affected parts.

E. Approval

D.O.T./D.A.R. approved.

78-133

ISSUED: 12 June 1987

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S.B. No. 1407

IMPROVED RETENTION FOR T5 BUS-BAR ASSEMBLY - INTRODUCTION OF

F. Manpower

Approximately 0.5 man-hour required to accomplish at hot section inspection. No additional man-hours required to accomplish at engine or power section module overhaul.

G. References

PT6A-25C Maintenance Manual P/N 3032142
PT6A-34/-34AG/-34B/-36/-114/-116/-135/-135A Maintenance Manual
P/N 3021242
PT6A-25C Overhaul Manual P/N 3032143
PT6A-34/-34AG/-34B/-36/-114/-116/-135/-135A Overhaul Manual P/N 3021243
PT6A-25C Parts Catalog P/N 3032144
PT6A-34/-34AG/-34B/-36/-114/-116/-135/-135A Parts Catalog P/N 3021244
Parts Digest No. 2904

2. Accomplishment Instructions

At engine assembly, install five new washers P/N MS9321-08 under heads of bolts P/N MS9573-03 securing T5 bus-bar assembly to power turbine stator housing.

3. Material Information

<u>NEW</u> <u>PART NO.</u>	<u>QTY</u>	<u>NOMENCLATURE</u>	<u>QTY</u>	<u>OLD</u> <u>PART NO.</u>
MS9321-08	5	Washer, Flat		

4. Special Tools

Not applicable.