

SERVICE BULLETIN REVISION NOTICE

NON-MODIFICATION SERVICE BULLETIN — OIL — TURBINE EXHAUST CASE (TEC) WEEP HOLE, NO. 4 BEARING WEEP LINE — INSPECTION OF, TO DETECT OIL LEAKS

Turbojet Engine Service Bulletin No. V2500-ENG-72-0668 Revision No. 1 dated June 22, 2016.

Revision History

Original Issue November 24, 2015

Revision 1 dated June 22, 2016

Reason for the Revision

It is no longer necessary to do the inspection in this Service Bulletin. The intent of this Non-Modification Service Bulletin has been superseded by the instructions provided in Reference 5, Non-Modification Service Bulletin V2500-ENG-72-0670. A copy of this Non-Modification Service Bulletin should be retained.

Effect of Revision on Prior Compliance

None.

This is a Complete Revision (Not Applicable to the SGML version)

The format of this Service Bulletin has been changed from previous versions. This revision shows flow bars and the revision date on the bottom of every page. Technical changes incorporated in this revision are marked with revision bars. The contents are in accordance with the list of effective pages.

MODEL APPLICATION

V2500-A1

BULLETIN ISSUE SEQUENCE

V2500 Series 72-0668

Page

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Revision No.

1

Date

June 22/16

A copy of this Revision Notice and any future revision notices must be filed as a permanent record with your copy of the subject bulletin.

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SERVICE BULLETIN

NON-MODIFICATION SERVICE BULLETIN — OIL — TURBINE EXHAUST CASE (TEC) WEEP HOLE, NO. 4 BEARING WEEP LINE — INSPECTION OF, TO DETECT OIL LEAKS

MODEL APPLICATION

V2500-A1

BULLETIN ISSUE SEQUENCE

V2500 Series 72-0668

ATA NUMBER

79-00-00

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Compliance Category

3

P&W Distribution Code

V2500

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Summary

NOTE: It is no longer necessary to do the inspection in this Service Bulletin. The intent of this Non-Modification Service Bulletin has been superseded by the instructions provided in Reference 5, Non-Modification Service Bulletin V2500-ENG-72-0670.

The purpose of this Service Bulletin is to introduce a routine inspection of the V2500-A1 Turbine Exhaust Case (TEC) weep hole and No. 4 weep line exit for engines in service.

Planning Information

Effectivity Data

Engine Models Applicable

V2500-A1

Engine Serial No. — All engines

Concurrent Requirements

There are no concurrent requirements.

Reason

1. Condition: An uncontained event occurred on a V2500-A1 engine, which was attributed to a fractured 2nd stage air-seal located in the High Pressure Turbine (HPT) module.
2. Background: Analysis of the findings has shown that the probable cause of the event was blockage at the No. 4 seal plate anti-weep grooves. Blockage of these anti-weep grooves could allow oil to escape the No. 4 compartment and migrate to the HPT. Oil migration to the HPT could result in the oil ignition in the HPT and may eventually result in a 2nd stage air-seal fracture. As a mitigation strategy, inspection of the TEC weep hole and No. 4 weep line may be used to determine if oil is leaking from the No. 4 compartment.
3. Objective: Introduce a routine inspection of the TEC weep hole and No. 4 weep line exit for V2500-A1 engines in service.
4. Substantiation: Actions contained within this Service Bulletin have been substantiated through engineering analysis.
5. Effects of Bulletin on:
 - Removal/Installation: Not affected
 - Disassembly/Assembly: Not affected.
 - Cleaning: Not affected.
 - Inspection/Check: Not affected.
 - Repair: Not affected.
 - Testing: Not affected.
6. Supplemental Information
 - None.

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Description

This Non-Modification Service Bulletin (NMSB) recommends operators perform a routine inspection of the oil weep tube on all V2500-A1 engines per the instruction provided in this document.

Compliance

Category 3

Do this inspection after receipt of this Service Bulletin at the next "A" Check and all subsequent "A" Checks, not to exceed an interval of 750 flight hours.

Approval Data

The compliance statement and the procedures described in this Service Bulletin have been shown to comply with the applicable Federal Aviation Regulations and are FAA-APPROVED for the engine model listed.

The aircraft Type Certificate (TC) holder has been informed of this change.

Manpower

1. In Service
..... 2 hours
2. At Overhaul
..... Not Applicable.

Weight and Balance

1. Weight Change
None.
2. Moment Arm
No Effect.
3. Datum
Engine Front Mount Centerline (Power Plant Station (PPS) 100)

Electrical Load Data

This Service Bulletin has no effect on the aircraft electrical load.

Software Accomplishment Summary

Not Applicable.

References

NOTE: In 2014 IAE converted the V2500 Technical Publications to a new system. As a result of the conversion, some manuals were consolidated. All manuals received new P&W part numbers. To facilitate the use of this Service Bulletin, a Technical Publications conversion table is provided in the Appendix.

1. ATA Locator — 79-00-00.
2. Airbus Aircraft Maintenance Manual (AMM), Chapter/Section 72-50-00-200-010-A — Inspection of the Turbine Exhaust Case

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3. Airbus Aircraft Maintenance Manual (AMM), Chapter/Section 71-00-00-700-013 — Procedure to Dry Out the High Pressure Turbine After Oil Contamination
4. V2500 Non-Modification Service Bulletin V2500-ENG-79-0107 (Non-Modification Service Bulletin — Oil — Oil Consumption Monitoring And Troubleshooting).
5. V2500 Non-Modification Service Bulletin V2500-ENG-72-0670 (Non-Modification Service Bulletin — Engine — Oil Consumption Monitoring And No. 4 Front And Rear Seal Seat Replacement).

Other Publications Affected

1. Not Applicable.

Interchangeability of Parts

Not Applicable.

Information in the Appendix

Alternate Accomplishment Instructions (No)

Progression Charts (No)

Added Data (Yes)

Revision to Table of Limits (No)

Inspection Procedures (No)

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Material Information

Material — Price and Availability

1. There is no new material cost to do this Service Bulletin.

Industry Support Program

Not Applicable.

Instructions/Disposition Code Statements:

Parts Modification Conditions

Not Applicable

Spare Parts Availability

Not Applicable

Vendor Services or Special Components/Materials

Not Applicable.

Tooling — Price and Availability

Special tools are not required to accomplish this Service Bulletin.

Reidentified Parts

Not Applicable.

Other Material Information Data

Not Applicable.

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Accomplishment Instructions

NOTE: The actions in this Accomplishment Instructions has been superseded by the Accomplishment Instructions in Non-Modification Service Bulletin V2500-ENG-72-0670 dated March 14, 2016.

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GRAPHIC B525845 HAS BEEN DELETED
FROM THIS SERVICE BULLETIN

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Appendix

Added Data

Internal Reference Information

Revision No.	Reference Document	Origination
Original	EA15VC703	AC/IEL
1	EA15VC703A	AC/IEL

Number values shown in parentheses adjacent to U.S. values are International System of units (SI) equivalents.

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