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## V2500-A1 SERIES PROPULSION SYSTEMS SERVICE BULLETIN

Printed in Great Britain

This document transmits the Initial Issue of Service Bulletin V2500-ENG-72-0552 and the Initial Issue of the Supplement

### Service Bulletin Initial Issue

Remove	Incorporate	Reason for change
	Pages 1 to 6 of the Service Bulletin	Initial Issue.

### Supplement Initial Issue

Remove	Incorporate	Reason for change
	Pages 1 to 1 of the Supplement	Initial Issue.

# V2500-ENG-72-0552

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ENGINE – LOW PRESSURE (LP) TURBINE – INTRODUCTION OF NEW LP TURBINE CASE ASSEMBLY1. Planning InformationA. Effectivity

(1) Airbus A320

V2500–A1 Engines prior S/N V0011.

B. Concurrent Requirements

None.

C. Reason

(1) Condition

See 1.C.(2) Background.

(2) Background

This Service Bulletin is written to reflect the progression of the affected parts within the EIPC.

(3) Objective

To introduce a weight reduced LP Turbine Case Assembly.

(4) Substantiation

Engineering assessment has concluded that change introduced by this modification will be beneficial.

(5) Effect of Bulletin on:

(a) Operation

Not affected.

(b) Maintenance

Not affected.

(c) Overhaul

Not affected.

## (d) Repair Schemes

Affected.

## (e) Interchangeability

See Material Information.

## (f) Fits and Clearances

Not affected.

## (g) Supplementary Information

None.

**D. Description**

## (1) The changes introduced are:

(a) Weight reduced Case Assembly.

**E. Compliance**

Category Code 6

Accomplish based when the subassembly (i.e. modules, accessories, components, build groups) is disassembled sufficiently to afford access to the affected parts.

**F. Approval**

The part number changes and/or part modification described in Section 2 and 3 of this Service Bulletin have been shown to comply with the applicable Federal Aviation Regulations and are FAA-APPROVED for the Engine Models listed.

**G. Manpower**

## (1) In Service

Not applicable.

## (2) At Overhaul

No additional work required during module assembly/disassembly.

**H. Material Price and Availability**

(1) Modification kit is not required.

(2) See "Material Information" section for availability.

(3) For prices see Supplement of this Service Bulletin.

I. Tooling Price and Availability

None.

J. Industry Support Information

None.

K. Weight and Balance

(1) Weight Change

Minus 4.08 lbs (1,85 kg).

(2) Moment Arm

37.501 in (952 mm) rearward.

(3) Datum

Engine Front Mount Centreline (Power Plant Station - PPS 150.23).

L. Electrical Load Data

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

M. Software Accomplishment Summary

Not applicable.

N. References

(1) Engineering Changes 87VM026, 87VM026A, 87VM026B-02 and 87VM026B-03.

(2) IAE V2500 Engine Manual (E-V2500-1IA).

(3) ATA-Locator - 72-50-21.

O. Other Publications Affected

(1) IAE V2500 Engine Illustrated Parts Catalogue (S-V2500-1IA), Chapter/Section 72-50-21 to add the New Part Number.

(2) IAE V2500 Engine Manual (E-V2500-1IA), Chapter/Section 72-50-21, Cleaning, to add the New Part Number.

(3) IAE V2500 Engine Manual (E-V2500-1IA), Chapter/Section 72-50-21, Inspection/Check to add the New Part Number.

- (4) IAE V2500 Engine Manual (E-V2500-1IA), Chapter/Section 72-50-21, Repair, to add the New Part Number.

P. Interchangeability of Parts

Not affected.

## 2. Material Information

### A. The kit required consists of the following parts:

None.

### B. Parts to be reworked:

Not applicable.

### C. New production parts:

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
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72-50-21

01-010	3A0990	1	Case, Assy LPT	-	3A0807	(A)
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### D. Redundant parts:

None.

### E. Instruction disposition codes:

(A) New part is available for sale.

### 3. Accomplishment Instructions

#### A. Assembly Instructions

- (1) None.

#### B. Recording Instructions

- (1) A record of accomplishment is required.



ENGINE - LOW PRESSURE (LP) TURBINE - INTRODUCTION OF NEW LP TURBINE CASE ASSEMBLYSUPPLEMENT - PRICES AND AVAILABILITY

The prices (if shown) are for estimating purposes only and as such are given in good faith, without commercial liability for advanced planning purposes only. Refer to IAE Spares and/or current price catalogue for current prices.

Part No.	Description	Unit Price
		US Dollars
3A0990	Case, Assy LPT	200,000.00