



400 MAIN STREET, MAIL STOP 121-10  
EAST HARTFORD, CT 06108, USA.  
TELEPHONE:- 860 565 5515  
FAX:- 860 565 0600

DATE: Jan.19/09

P.O. BOX 31, DERBY  
TELEGRAMS - 'ROYCAR' DERBY  
TELEX - 37645  
TELEPHONE:- 44 (0) 1332 242424  
FAX:- 44 (0) 1332 249936

## V2500-A5 SERIES PROPULSION SYSTEMS SERVICE BULLETIN

Printed in Great Britain

This document transmits the Revision 1 of Service Bulletin V2500-ENG-72-0558.

### Document History

Service Bulletin Revision Status  
Initial Issue Dec. 1/08

### Service Bulletin Revision 1

Remove	Incorporate	Reason for change
All pages of the Service Bulletin	Pages 1 to 6 of the Service Bulletin	To correct a SB reference in 1.C. Reason.

# V2500-ENG-72-0558

Transmittal - Page 1 of 1

CHECK THAT ALL PREVIOUS TRANSMITTALS HAVE BEEN INCORPORATED  
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ENGINE – LP TURBINE – INTRODUCTION OF NEW MODULE PART NUMBERS**1. Planning Information****A. Effectivity****(1) Airbus A319**

(a) V2522-A5, V25247M-A5 Engines from Serial No. V15003 onwards (SelectOne Production Standard).

**(2) Airbus A320**

(a) V2524-A5, V2527E-A5, V2527-A5 Engines from Serial No. V15003 onwards (SelectOne Production Standard).

**(3) Airbus A321**

(a) V2530-A5, V2533-A5 Engines from Serial No. V15003 onwards (SelectOne Production Standard).

**B. Concurrent Requirements**

The incorporation of this Service Bulletin must be in conjunction with Service Bulletin V2500-ENG-79-0093 and Service Bulletin V2500-ENG-72-0567.

**C. Reason**

Introduction of new Low Pressure Turbine (LPT) Module part numbers to document the non-interchangeability of the SelectOne engine standard after introduction of the new bearing No. 5 compartment changes to inner airseal stage 6 with Service Bulletin V2500-ENG-72-0567 and the scavenge pump with Service Bulletin V2500-ENG-79-0093.

**(1) Background**

SelectOne Engines starting with above mentioned serial numbers have a new inner airseal stage 6 and a new scavenge pump incorporated.

**(2) Objective**

To introduce new module part numbers to document different LPT build standard.

**(3) Substantiation**

The substantiation is covered by the engineering change for the introduction of the new inner airseal stage 6 (Service Bulletin V2500-ENG-72-0567).

## (4) Effect of Bulletin on:

## (a) Operation

Not affected.

## (b) Maintenance

Not affected.

## (c) Overhaul

Not affected.

## (d) Repair Schemes

Not affected.

## (e) Interchangeability

Affected (Refer to Section 1.B. Concurrent Requirement)

## (f) Fits and Clearances

Not affected.

## (5) Supplementary Information

None.

D. Description

Introduction of new module part number to show the different LPT build standard.

E. Compliance

Category Code 8

Accomplish based upon experience with the prior configuration.

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 affected.

**(2) At Overhaul**

Not applicable.

**NOTE:** The parts affected by this Service Bulletin are accessible at overhaul.

**H. Material Price and Availability**

Modification kit is not required.

Refer to Section 2. "Material Information" for availability.

**I. Tooling Price and Availability**

Not applicable.

**J. Industry Support Information**

None.

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

Not applicable.

**(2) Moment Arm**

Not affected.

**(3) Datum**

Engine Front Mount Centreline (Power Plant Station – PPS 100).

**L. Electrical Load Data**

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

**M. Software Accomplishment Summary**

Not applicable.

**N. References**

- (1) Internal Reference No.:

Engineering Change No. 07VM019.

**O. Other Publications Affected**

- (1) V2500 Engine Manual (E-V2500-1IA) Chapter/Section 72-50-00, Cleaning, to add the new Part Numbers.
- (2) V2500 Engine Manual (E-V2500-1IA) Chapter/Section 72-50-00, Inspection/Check, to add the new Part Numbers.
- (3) V2500 Engine Manual (E-V2500-1IA) Chapter/Sections 72-50-00, Repair, to add the new Part Numbers.
- (4) The V2500 Engine Illustrated Parts Catalogs (S-V2500-2SA, S-V2500-2SB, S-V2500-5SA, S-V2500-5SB, S-V2500-6SA, V-2500-6SB, S-V2500-7SA, S-V2500-7SB), Chapter/Section 72-50-22, will include the new part numbers (Refer to Section 2. "Material Information").

**P. Interchangeability of Parts**

Affected – Refer to Section 2. "Material Information".

## 2. Material Information

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

None.

### B. Parts to be reworked:

Not applicable.

### C. New production parts:

Applicability: For all V2500-A5 SelectOne Engines

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
72-50-00						
01-001	4W5225	1	Turbine, LP Module	-	4W6253	(A)(S1)

### D. Instruction and Disposition Codes:

(A) Old and new parts are not spareable.

(S1) Old and new part are not interchangeable.

### 3. Accomplishment Instructions

A. Examine LP-Turbine Module number after accomplishment of this Service Bulletin as subsequent given.

- (1) Make sure that the module part number reflects the correct module numbering as given below.
- (2) If required cross out old number and reidentify the module with the new part number as given in table below (Refer to SPP TASK 70-09-00-400-501). Use vibropeening method.

NEW PART NUMBER	OLD PART NUMBER
4W5225	4W6253

B. Assembly Instructions

- (1) None.

C. Recording Instructions

- (1) A record of accomplishment is required.