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## V2500-A5 SERIES PROPULSION SYSTEMS SERVICE BULLETIN

Printed in Great Britain

This document transmits the Initial Issue of Service Bulletin EV2500-70-0858

### Bulletin Initial Issue

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# V2500-ENG-70-0858

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LIST OF EFFECTIVE PAGES

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INFORMATION - ENGINE - LP COMPRESSOR - TO USE SPECIFIC ENGINE PARTS IN V2533-A5  
ENGINES

1. Planning Information

A. Effectivity

(1) Airbus A321

V2533-A5 Engines

B. Concurrent Requirements

None.

C. Reason

(1) Problem

A customer requested to fit P/N 5A1424 Fan Frame from a V2530-A5 Engine to V2533-A5 Engine Serial No. V10787. The applicabilities of P/N 5A1424 Fan Frame are V2522-A5, V2524-A5, V2527-A5, V2527E-A5, V2527M-A5 and V2530-A5. The Engine model of V10787 is V2533-A5. The current applicability of the Fan Frame (P/N 5A1424) does not satisfy the use of this Fan Frame into a V2533-A5 Engine.

(2) Background

See (1) Problem.

(3) Objective

The purpose of this Service Bulletin is to allow the use of P/N 5A1424 Fan Frame and the associating parts into V2533-A5 engines when required.

(4) Substantiation

The design of the 5A1424 Fan Frame satisfies that Fan Frames can be installed to the V2533-A5 engines for service.

(5) Effect of Bulletin on:

(a) Removal/Installation

Not affected.

(b) Disassembly/Assembly

Not affected.

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(c) Cleaning

Not affected.

(d) Inspection/Check

Not affected.

(e) Repair

Not affected.

(f) Testing

Not affected.

(6) Supplemental Information

None.

D. Description

None.

E. Compliance

Category Code 7

Accomplish when supply of superseded parts has been depleted.

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

Estimated Man-hours to incorporate the full intent of this Service Bulletin:

(1) In service

Not applicable.

(2) At overhaul

Not applicable.

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



H. Weight and Balance

(1) Weight Change

None.

(2) Moment Arm

None.

(3) Datum

Engine front mount centreline (Power Plant Station - (PPS) 100).

I. Electrical Load Data

The aircraft electrical load is not affected by this Service Bulletin.

J. Software Accomplishment Summary

Not applicable.

K. References

(1) IAE Engineering Change No. 03VJ022.

(2) ATA Locator - 72-32-00.

L. Other Publications Affected

(1) V2500 Engine Illustrated Parts Catalogue (EIPC, S-V2500-5IA)  
Chapter/Section 72-32-03 and 72-32-38 will be revised to incorporate the new part number.

M. Interchangeability of Parts

Not affected.

**2. Material Information****A. Material – Price and Availability**

Not applicable.

**B. Industry Support Information:**

None.

**C. Kits necessary for this Service Bulletin:**

None.

**D. Parts affected by this Service Bulletin:**

V2533-A5 Engines

72-32-00

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
02215	4W0110	1	.Bolt, Machine Double Hex	-	-	(A)
02220	AS43013-108	1	.Ring, Sealing Toroidal	-	-	(A)

72-32-03

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
03100	5A1424	1	.Frame, A/O Fan	-	-	(A)
03141	AGS3731	1	...Insert, Screw Thread	-	-	(A)
03890	5A1315	3	..Thermocouple, A/O T2.5CM	-	-	(A)

72-32-38

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01200	5A0805	1	.Tube, A/O Seal Drain	-	-	(A)



E. Instructions disposition codes:

(A) New parts can be applicable to V2533-A5 engines.

F. Tooling – Price and Availability:

Not applicable.

3. Accomplishment Instructions

A. Rework Instructions

Not applicable.

B. Assembly Instructions

Not applicable.

C. Recording Instructions

Not applicable.

