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DATE: **Mar.29/02**

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V2500-A1 PROPULSION SYSTEMS SERVICE BULLETIN

Printed in Great Britain

This document transmits the Initial Issue of Service Bulletin EV2500-70-0814

Bulletin Initial Issue

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Incorporate
Pages 1 to 5 of the
Service Bulletin

Reason for change
Initial issue

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LIST OF EFFECTIVE PAGES

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GENERAL INFORMATION BULLETIN – TO ANNOUNCE THE RELEASE OF OVERSIZE RIVET FOR THE
TURBINE EXHAUST CASE THERMAL BLANKET

1. Planning Information

A. Effectivity

- (1) Airbus A320

V2500-A1 Engines Serial No. V0001 thru V0361

B. Concurrent Requirements

There are no concurrent requirements.

C. Reason

- (1) Condition:

Provide oversize Rivet needed to complete the TEC repair.

- (2) Background:

Oversize Rivet is not currently available.

- (3) Objective:

Incorporate new oversize Rivet into the Illustrated Parts Catalog.

- (4) Substantiation:

The oversize Rivet repair does not affect fit, form, or function of the Turbine Exhaust Case Assembly. The oversize Rivet procedure is allowed per the V2500 Standard Practice Manual Chapter/Section 70-39-03. The required 90 percent original wall thickness (Edge Distance) remains after repair. The oversize Rivet successfully completed engineering review and are acceptable based on similarity to the bill of material.

- (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.

D. Description

Provide oversize Rivet for the Turbine Exhaust Case Thermal Blanket.

E. Compliance

Category 7

Accomplish when supply of superseded parts has been depleted.

F. Approval Data

The part number changes and/or part modifications specified in the Accomplishment Instructions and Material Information sections of this Service Bulletin have been shown to comply with the applicable Federal Aviation Regulations and are FAA-APPROVED for the engine model(s) given.

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.

G. Manpower

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

Venue	Estimated Manhours
In Service	Not applicable
At Overhaul	Not applicable

H. Weight and Balance

Weight Change	None
Moment	No Effect
Datum	Engine Front Mount Centerline (Power Plant Station (PPS) 100)

I. Electrical Load Data

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

J. Software Accomplishment Summary

Not Applicable.



K. References

1. IAE V2500 Standard Practice/Processes Manual Chapter/Section 70-39-03.
2. V2500 Engine Illustrated Parts Catalog (S-V2500-1IA), Chapter/Section 72-50-53.
3. V2500 Engine Manual (E-V2500-1IA), Chapter/Section 72-50-00.
4. Internal reference 00VC062G.
5. ATA Locator - 72-50-00.

L. Other Publications Affected

1. V2500 Engine Illustrated Parts Catalog (S-V2500-1IA), Chapter/Section 72-50-53, to add the new part.
2. V2500 Engine Manual (E-V2500-1IA), Chapter/Section 72-50-00 Cleaning, Inspection and Repair, to add the new part.

M. Interchangeability of Parts

Old and new parts are directly interchangeable.

N. General Information

1. The Material Information section of this bulletin provides the latest information concerning the availability and part hierarchy.

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

1. The estimated price of new material to do this Service Bulletin using new replacement parts is \$30.60.
2. There is no kit provided to do this Service Bulletin.
3. Part availability information is provided in material data Instructions-Disposition.

B. Industry Support Program

1. Not applicable.

C. The material data that follows is for each engine.

NOTE: The prices 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 Catalog for current prices.

For V2500-A1 Engines:

New PN	Qty	Estimate of Unit Price (\$)	Keyword	Old PN	Instructions- Disposition
AS16489	15	2.0	.Rivet	AS16489 (72-50-53-02-160)	(3)(A)(C)
OR					
AS16529	15	*	.Rivet	(72-50-53-02-170)	(3)(A)(C)
OR					
AN125009	15	*	.Rivet	(72-50-53-02-175)	(3)(A)(C)

D. Instructions/Disposition Code Statements:

(3) Select the Rivet size per Reference 1, Standard Practice Manual Chapter/Section 70-39-03.

(A) The new part is available.

(C) The old part will continue to be supplied.

E. Tooling – Price and Availability

Special tools are not required to accomplish this Service Bulletin.



F. Reidentified Parts:

Not applicable.

G. Other Material Information Data:

Not applicable.

3. Accomplishment Instructions

A. None.

