



ENGINE - LP COMPRESSOR - DELETION OF UNNECESSARY SCREWS ON THE ACOC INLET DUCT FAIRINGS
- CATEGORY CODE 7 - MOD.ENG-72-0128

1. Planning Information

A. Effectivity

- (1) Aircraft: McDonnell Douglas MD-90
- (2) Engine: V2500-D5 Engines prior to Serial Number V20007.

B. Reason

(1) Condition

The two Fairings for ACOC Inlet Duct are being fastened with four (4) Screws respectively.

(2) Background

A review showed that the Fairings for ACOC Inlet Duct may be shortened.

(3) Objective

To provide optimum configuration for the Fairings and the ACOC Inlet Duct.

(4) Substantiation

Substantiation is completed analytically.

(5) Effects of Bulletin on Workshop procedures:

Removal/Installation	Not affected
Disassembly/Assembly	Not affected
Cleaning	Not affected
Inspection	Not affected
Repair	Not affected
Testing	Not affected

(6) Supplemental Information

None

C. Description

The Extension Case, Fairings and ACOC Inlet Duct have been changed to delete the four (4) Screws.

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D. Approval

The Part Number Change and/or part modifications 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 Model listed.

E. Compliance

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Accomplish when supply of superseded parts has been depleted.

F. Manpower

Not applicable

G. Material – Price and Availability

(1) Modification Kit not required.

(2) See "Material Information" section for prices and availability of future spares.

H. Tooling – Price and Availability

Special tools are not required to accomplish this Service Bulletin.

I. Weight and Balance

- | | |
|-------------------|---|
| (1) Weight Change | None |
| (2) Moment arm | No effect |
| (3) Datum | Engine front mount centreline
[Power Plant Station (P.P.S.) 100] |

J. Electrical Load Data

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

K. References

(1) Internal Reference No.

92VJ116

(2) Other References



V2500 Engine Manual, Chapter/Section 72-32-98 and 79-21-42
Removal/Installation.

V2500 Engine Illustrated Parts Catalog, Chapter/Section 72-32-98 and
79-21-42.

L. Other Publications Affected

- (1) V2500 Engine Manual, Chapter/Section 72-32-98 and 79-21-42 will be revised to incorporate the new part.
- (2) V2500 Engine Illustrated Parts Catalog, Chapter/Section 72-32-98 and 79-21-42 will be revised to incorporate the new part.
- (3) V2500 Power Plant Illustrated Parts Catalog, Chapter/Section 72-32-98 and 79-21-42 will be revised to incorporate the new part.



2. Accomplishment Instructions

A. Rework Instructions

Not applicable



SERVICE BULLETIN

3. Material Information

Applicability: For each V2500 Engines to incorporate this Bulletin.

A. Kits associated by this Bulletin:

None

B. Parts affected by this Bulletin:

New Part No. (ATA No.)	Qty	Est'd Unit Price(\$)	Keyword	Old Part No. (IPC No.)	Instructions Disposition
5A1603 (72-32-98)	1		.Case, Extension Fan	5A1447 (01-100)	(A)(S1)(1D)
5T0117 (79-21-42)	2		.Fairing, Side Screw	5T0069 (01-300)	(A)(S1)(1D)
- (79-21-42)	4		.Nut, Self Locking DBL HEX	4W0002 (01-320)	(B)(S1)
- (79-21-42)	4		.Washer, Flat	MS9321-10 (01-322)	(B)(S1)
- (79-21-42)	4		.Screw, 100 Degree C/S Head	4W2388 (01-325)	(B)(S1)
5T0116 (79-21-42)	1		.Duct, A/O Inlet-ACOC	5T0101 (01-400)	(A)(S1)(1D)

C. Instruction/Disposition Code Statements:

- (A) New part is currently available for sale.
- (B) Old part will continue to be available for sale for other applications.
- (S1) Old and new parts are interchangeable only in a complete set.
- (1D) Old part can not be reworked to new part.

NOTE: The estimated 1993 unit prices shown are provided for planning purposes only and do not constitute a firm quotation. Consult the IAE Price Catalog or contact IAE's Spare Parts Sales Department for information concerning firm prices.

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