



OIL - AIR COOLED OIL COOLER MODULATING VALVE - INTRODUCTION OF AIR MODULATING VALVE
WITH REVISED 'P' SEAL MATERIAL - CATEGORY CODE 7 - MOD.ENG-79-0055

1. Planning Information

A. Effectivity

- (1) Aircraft (a) McDonnell Douglas MD90
- (2) Engine (a) V2525-D5 Engines prior to Serial No.
(b) V2528-D5 Engines prior to Serial No.

B. Concurrent Requirements:

None.

C. Reason

(1) Condition

The fire resistant 'P' seal on the Air Cooled Oil Cooler (ACOC) mounted Air Modulating Valve (AMV) is no longer available due to non-availability of one of the existing materials used in its manufacture.

This has resulted in a requirement of the vendor to procure a new component for this unit application.

(2) Background

As above in (1).

(3) Objective

Incorporation of the changes introduced by this Service Bulletin are designed to allow continuity of unit manufacture.

(4) Substantiation

The changes introduced by this Service Bulletin have been the subject of a successful fire test and detailed engineering assessment.

(5) Effect of bulletin on Workshop procedures:

V2500-ENG-79-0055



Removal/Installation
Disassembly/Assembly
Cleaning
Inspection/Check
Repair
Testing

(6) Supplemental Information

None.

D. Description

- (1) This modification covers the fitment to engines of an AMV incorporating Lucas Aerospace Mod L1795-6.
- (2) The changes introduced are:
 - (a) This modification introduces a revised AMV similar to the existing item except the fire resistant ceramic material Dalfratex used in the manufacture of the outlet flange mounted 'P' seal has been changed to the fire proof ceramic material Tygasil.
- (3) Units incorporating this modification will be identified by endorsement of the modification plate with L1795-6.

E. Approval

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

F. Compliance

Category code 7.

Accomplish when supply of superseded parts have been depleted.

G. Manpower

Estimated manhours to incorporate the full intent of this bulletin:

Venue	Estimated manhours
(1) In Service	Not applicable
(2) At Overhaul	Not affected

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

V2500-ENG-79-0055



SERVICE BULLETIN

No additional time is required to maintain the new configuration.

H. Material - Price and Availability

- (1) Modification Kit is required.
- (2) See "Material Information" section for prices and availability of future spares.

I. Tooling - Price and Availability

Special tools are not required.

J. 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)

K. Electrical Load Data

This modification has no effect on the aircraft electrical load.

L. References

- (1) Internal Reference No.

96VR010
- (2) Other References

Refer to vendor service bulletin.

M. Other Publications Affected

- (1) Illustrated parts catalogue will be revised.



2. Accomplishment Instructions

A. Rework Instructions

None.

B. Assembly Instructions

Refer to the Aircraft Maintenance Manual, Chapter/Section 79-21-51.

C. Recording Instructions

- (1) A record of accomplishment is necessary. Refer to vendor service bulletin.

V2500-ENG-79-0055

3. Material Information

Applicability: For each V2500 Engine to incorporate this Bulletin.

A. Kits associated with 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
TY1795-53 (79-21-51)	1		Valve-air modulating	TY1795-53 (01.100)	(A)(B)(S1)

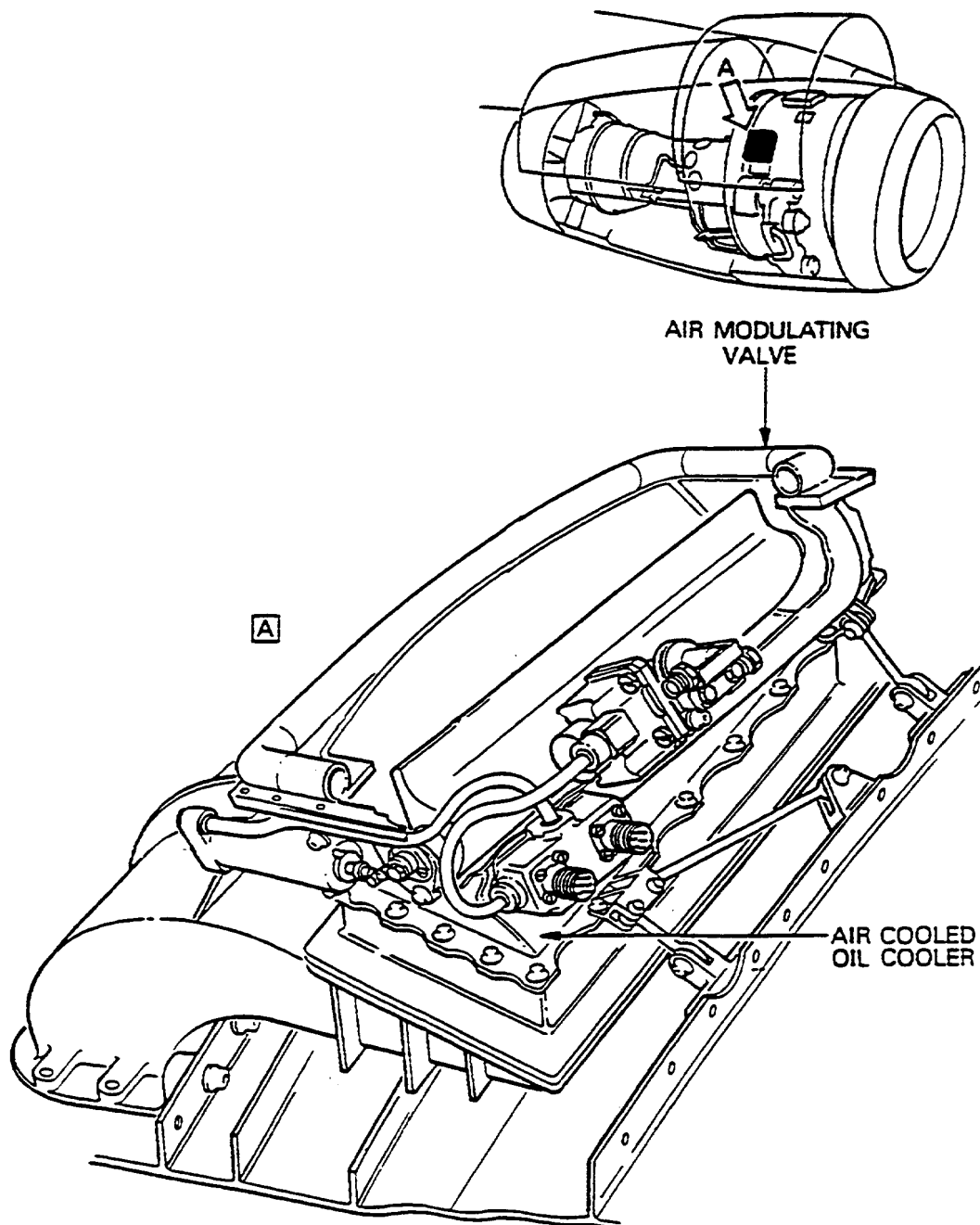
C. Instruction/disposition code statements:

- (A) New part is currently available
- (B) Old part will be discontinued
- (S1) Old and new parts are freely and fully interchangeable

V2500-ENG-79-0055

Jul.29/96

Page 5



General View
Fig.1

V2500-ENG-79-0055



International Aero Engines

SERVICE BULLETIN

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V2500-ENG-79-0055

Jul.29/96

Page 7

