

International
Aero Engines

V2500 Propulsion System — Nacelle

SERVICE BULLETIN

NACELLE — FIRE PROTECTION — CORE FIRE DETECTOR ELEMENT, LEFT HAND AND
RIGHT HAND — REPLACEMENT OF

MODEL APPLICATION

V2500-D5

BULLETIN INDEX LOCATOR

26-00-00

Compliance Category Code

3

Internal Reference No.

BC/LL 94VN367

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1. Planning Information

A. Effectivity

- (1) Airplane: MD90
- (2) Nacelle: V2500-D5 Quick Engine Change (QEC) Kits serial numbers 0025002 and 0025003.

B. Reason

- (1) Condition
Core fire detector element alarm settings are too high.
- (2) Background
Changes to the core zone ventilation have significantly reduced predicted temperatures in this area.
- (3) Objective
To provide a fire detector element with revised alarm settings in accordance with core zone temperatures.
- (4) Substantiation
Flight test data has determined proper alarm setting requirements.
- (5) Impact of Bulletin on Workshop Procedures:

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

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(6) Supplemental Information

None.

C. Description

The change introduced by this Bulletin is to install core fire detector elements with revised alarm settings.

D. Approval

The part number changes and/or part modifications described in Paragraphs 2 and 3 of this Service Bulletin have been shown to comply with the applicable Federal Aviation Regulations and are FAA approved for the equipment model(s) listed.

E. Compliance

Category 3

Accomplish prior to revenue service.

F. Manpower

Estimated manhours per nacelle to incorporate the full intent of this Bulletin:

VENUE

ESTIMATED MAN HOURS

(1) In Service

(a) To rework

1.0 M/Hrs

Total

1.0 M/Hrs

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G. Material Cost and Availability

The parts to accomplish this Service Bulletin are available from the manufacturer as kit V2526006-551 at no cost to the operator.

Operators with units listed in Paragraph 1.A should submit a no-charge purchase order for the applicable quantity of kits. The purchase order must reference this service bulletin number with applicable Operator serial numbers and list only the parts shown in reference kit. Operators will have one year from the issue date of the Service Bulletin to place an order. After one year, kits will no longer be available and Operators will have to order parts individually at catalog price, if they desire to incorporate the change.

Direct Purchase order to:
Rohr, Inc.
P.O. Box 878
Chula Vista, CA. 91912
U.S.A.
Attn: Direct Airline Sales, Bldg. 107A
(Service Bulletin V2500-NAC-26-0006)

H. Tooling Cost and Availability

Not applicable.

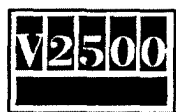
I. Weight and Balance

- (1) Weight change No effect
- (2) Moment arm No effect
- (3) Datum Front Engine Mount Centerline
..... (Power Plant Station (PPS) 95.1)

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J. Electrical Load Data

Not affected.

K. References

Chapter/Section

MD90 Aircraft Maintenance Manual

26-11-17

L. Other Publications Affected

MD90 Engine Illustrated Parts
Catalog

26-12-17

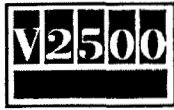
MD90 Power Plant Buildup Manual

71-00-02

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2. Accomplishment Instructions

A. Prerequisite Instructions

None.

B. Rework or Modification Instructions (for installed 290K9001-1 QEC Kit)

- (1) Find 290-5132-511 core fire detector assembly on left hand engine.
- (2) Remove two 26402000 fire detector elements from 290-5132-511 core fire detector assembly. Refer to MD90 Aircraft Maintenance Manual, Chapter 26-11-17.
- (3) Install two 24602000 fire detector elements on core fire detector assembly. Refer to MD90 Aircraft Maintenance Manual, Chapter 26-11-17.
- (4) Reidentify 290-5132-511 core fire detector assembly to 290-5132-515.

C. Post-requisite Instructions

None.

D. Quick Engine Change (QEC) Kit (not installed 290K9001-3 QEC Kit)

- (1) Open 290K9001-3 QEC Kit container.
- (2) Find and remove 290-5132-513 core fire detector assembly.
- (3) Remove two 26402000 fire detector elements from 290-5132-513 core fire detector assembly. Refer to MD90 Aircraft Maintenance Manual, Chapter 26-11-17.
- (4) Install two 24602000 fire detector elements on core fire detector assembly. Refer to MD90 Aircraft Maintenance Manual, Chapter 26-11-17.

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- (5) Reidentify 290-5132-513 core fire detector assembly to 290-5132-517.
- (6) Put 290-5132-517 core fire detector assembly in 290K9001-3 QEC Kit container.
- (7) Close QEC Kit container.

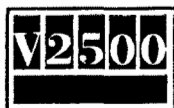
E. Recording Instructions

A record of accomplishment is necessary. Write in engine log or QEC Kit log that Service Bulletin V2500-NAC-26-0006 has been done.

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3. Material Information

Applicability: For each V2500-D5 Quick Engine Change (QEC) Kit to incorporate this Bulletin.

A. Kits Associated with this Bulletin:

<u>NEW PART NO.</u> <u>(ATA NO.)</u>	<u>QTY</u>	<u>EST'D UNIT</u> <u>PRICE</u>	<u>KEYWORD</u>	<u>OLD PART NO.</u> <u>(IPC NO.)</u>	<u>INSTR/</u> <u>DISPOS</u>
V2526006-551 Consisting of:	1	\$698.00	Kit		
24602000 (290D8011-521)	2		Element		

B. Parts Affected by this Bulletin:

290-5132-515 (26-12-17)	1	Detector	290-5132-511 (05-010)	(1D)(S1)
290-5132-517 (26-12-17)	1	Detector	290-5132-513 (06-010)	(1D)(S1)
24602000 (26-12-17) (26-12-17)	2	.Element	26402000 (05-110) (06-110)	(A)(S1)

C. Instruction/Disposition Code Statements

(1D) New part number may be obtained by rework and reidentification.

(A) Part supplied as a detail of the kit.

(S1) Old and new parts are only interchangeable one way, new parts may only replace old parts.

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NOTE: The estimated 1995 unit prices shown are provided for planning purposes only and do not constitute a firm quotation. Consult the Rohr Price Catalog or contact Rohr's Customer Support Department for information concerning firm prices.

- D. These materials are to be procured by the Operator or obtained from their stock.

None.

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