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V2500-A1/A5 SERIES PROPULSION SYSTEM SERVICE BULLETIN

This document transmits the Revision 1 of Service Bulletin V2500-ENG-70-0956.

Document History

Service Bulletin Revision Status

Initial Issue Sep.28/10.

Service Bulletin Revision 1

Remove	Incorporate	Reason for change
All pages of the IAE Service Bulletin.	Pages 1 to 4 of the IAE Service Bulletin V2500-ENG-70-0956.	To update the Effectivity. To update paragraph 1.D. Approval. To update paragraph 1.F. References.
All pages of the Supplement.	Page 1 of the Supplement.	No change.

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CHECK THAT ALL PREVIOUS TRANSMITTALS HAVE BEEN INCORPORATED
If any have not been received please advise IAE International Aero Engines AG

All pages of the Eaton
Aerospace Service
Bulletin.

Pages 1 to 2 of the
Eaton
Aerospace Service
Bulletin
79-33-15-01.

No change.

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IAE PROPRIETARY INFORMATION

Not subject to the FAR per 15 C.F.R. Chapter 1, Part 734.3(b)(3).

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INFORMATION – ENGINE – TO INTRODUCE A NEW OIL PRESSURE DIFFERENTIAL TRANSMITTER**1. Planning Information****A. Effectivity****(1) Airbus A319**

- R (a) V2522-A5, V2524-A5, V2527M-A5 Engines prior to Serial No. V13191.
- R (b) V2522-A5, V2524-A5, V2527M-A5 Engines prior to Serial No. V15676 and
R Engines with Serial No. V15682, V15687, V15689, V15698, V15699, V15703
R and V15705.

(2) Airbus A320

- (a) V2500-A1 Engines prior to Serial No. V0362.
- R (b) V2527-A5, V2527E-A5 Engines prior to Serial No. V13191.
- R (c) V2527-A5, V2527E-A5 Engines prior to Serial No. V15676 and Engines
R with Serial No. V15682, V15687, V15689, V15698, V15699, V15703 and
R V15705.

(3) Airbus A321

- R (a) V2530-A5, V2533-A5 Engines prior to Serial No. V13191.
- R (b) V2530-A5, V2533-A5 Engines prior to Serial No. V15676 and Engines with
R Serial No. V15682, V15687, V15689, V15698, V15699, V15703 and V15705.

B. Reason

To introduce a new oil pressure differential transmitter P/N 41SG240-4.

C. Compliance

Category Code 7.

Accomplish when supply of superseded parts has been depleted.

D. Approval

The part number changes and/or part modifications described in sections 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.

- R The technical content of this Service Bulletin has been approved under the
R authority of the EASA Design Organization Approval N° EASA.21J.031.

E. General Information

- (1) This General Information Bulletin introduces a new improved oil pressure differential transmitter. The new transmitter is now fitted with updated internal electronics.
- (2) Publications affected.
 - (a) All V2500-A1 Engine Illustrated Parts Catalogs (EIPC) will be revised to include the alternate part. See "Material Information" section for ATA locations.
 - (b) All V2500-A5 Engine Illustrated Parts Catalogs (EIPC) will be revised to include the alternate part. See "Material Information" section for ATA locations.

F. References

- (1) IAE Engineering Change No. 05VN309.
- R (2) This Service Bulletin is subject to Aircraft Modification No. 150974
- R Under no circumstances shall the modified equipment, resulting from the
- R application of this SB, be installed on the aircraft type unless the
- R corresponding modification, and if applicable, its aircraft SB are
- R approved.
- (3) Shorts Modification No. D1176 Issue A.
- (4) ATA Locator 79-33-15.

2. Material Information

A. The kit required consists of the following parts:

None.

B. Parts to be reworked:

None.

C. Parts affected by this Service Bulletin:

Applicability: For all V2500-A1/A5 Engines.

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
79-33-15						
01-010	41SG240-4	1	.Transmitter, Oil Pressure - Differential		41SG240-1 (A)(S1)	

D. Instruction/Disposition Codes:

(A) New part is currently available.

(S1) New part coded (S1) is fully and freely interchangeable with old part coded (S1).

3. Accomplishment Instructions

None.

INFORMATION – ENGINE – TO INTRODUCE A NEW OIL PRESSURE DIFFERENTIAL TRANSMITTERSUPPLEMENT – PRICES AND AVAILABILITY

The prices (if 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 catalogue for current prices.

1. Modification Kit:

Not applicable.

2. New Production Parts:

Part No.	Description	Unit Price US Dollars
79-33-15		
41SG240-4	.Transmitter, Oil Pressure Differential	P.O.A.

Parts are currently available for sale.

3. Tools

None.

SERVICE BULLETIN

OIL PRESSURE DIFFERENTIAL TRANSMITTER PN 41SG240-1 REPLACEMENT

1. PLANNING INFORMATION

- A. Effectivity This bulletin applies to Oil Pressure Differential Transmitter, Eaton Aerospace LLC PN 41SG240-1.
- B. Concurrent Requirements, if applicable, or Reason
 - (1) Problem: Electronic component obsolescence.
 - (2) Solution: Replacement with new pressure transmitter PN 41SG240-4 with updated electronics.
- C. Description Remove old transmitter and replace with new.
- D. Compliance Not mandatory. Accomplish when necessary to replace current installed PN 41SG240-1.
- E. Approval This service bulletin is approved by Short Brothers and has been shown to comply with the applicable Federal Aviation Regulations and is FAA Approved for the Oil Pressure Differential Transmitter listed.
- F. Manpower No additional man-hours are required if accomplished at the next suitable maintenance period.
- G. Weight and Balance None.
- H. Electrical Load Data Not changed.
- I. References None.
- J. Other Publications Affected Abbreviated Component Maintenance Manual, ATA number 79-33-15.
- K. Interchangeability PN's 41SG240-1 and 41SG240-4 are interchangeable.

2. MATERIAL INFORMATION

Oil Pressure Differential Transmitter Eaton PN 41SG240-4

SERVICE BULLETIN

OIL PRESSURE DIFFERENTIAL TRANSMITTER PN 41SG240-1 REPLACEMENT

3. ACCOMPLISHMENT INSTRUCTIONS

- A. Remove potentially failed Eaton Aerospace LLC Part Number 41SG240-1.
- B. Install Eaton Aerospace LLC Part Number 41SG240-4.



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Please use this form to give feedback on the quality of this Service Bulletin. The input you provide will be used to analyse areas of improvement and to take action to further improve on the quality of our Service Bulletins.

We thank you for the time you spent in completing this form.

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- General quality rating of this Service Bulletin	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5
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Planning Information Section:		Material Information Section:	Accomplishment Instruction Section:
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<input type="checkbox"/> 1.B.	<input type="checkbox"/> 1.J.	<input type="checkbox"/> 2.B.	<input type="checkbox"/> Get Access
<input type="checkbox"/> 1.C.	<input type="checkbox"/> 1.K.	<input type="checkbox"/> 2.C.	<input type="checkbox"/> Removal/Installation
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<u>Explanatory notes:</u>			

Operator:	Overhaul Site:
Name/Title:	Date:

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