



**International
Aero Engines**

V2500 Propulsion System — Nacelle

SERVICE BULLETIN

**NACELLE - EXHAUST - HOIST POINT, TRANSLATING SLEEVE -
MODIFICATION OF**

MODEL APPLICATION

V2500-A1/A5

BULLETIN INDEX LOCATOR

78-30-00

Compliance Category Code

4

Internal Reference No.

JG 97VN020

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1. Planning Information

A. Effectivity

(1) Aircraft:

(a) Airbus A320

(b) Airbus A321

(2) Engine:

(a) V2500-A1 and V2500 A5 translating sleeve units 8001 thru 8524 and serial numbers (s/n) 5001001 thru 5108001, which, except for spare translating sleeves, were delivered on thrust reverser cum units (c/u) 1 through 326, and s/n 0327001 thru 0807001.

B. Reason

(1) Condition

The lower forward hoist point of the translating sleeve can get damaged.

(2) Background

Operators have experienced damage to the lower forward hoist point of the translating sleeve.

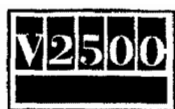
(3) Objective

Prevent damage to the lower forward hoist point of the translating sleeve.

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(4) Substantiation

Not applicable.

(5) Impact of Bulletin on Workshop Procedures:

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

Sealant is put into the lower forward translating sleeve hoist point to prevent vibration of and damage to the floating insert.

E. 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 engine model(s) listed.

F. Compliance

Category 4

Accomplish at the first visit of the nacelle or nacelle component to a maintenance base capable of compliance with the accomplishment instructions regardless of the planned maintenance action for the nacelle or nacelle component.

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G. Manpower

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

VENUE	ESTIMATED MANHOURS
(1) In Service	
(a) To gain access	0.25 M/Hrs.
(b) To embody	0.25 M/Hrs.
(a) To return to service	<u>0.25 M/Hrs</u>
Total	0.75 M/Hrs.

H. Material Cost and Availability

None.

I. Tooling Cost and Availability

Not applicable.

J. Weight and Balance

- (1) Weight Change No effect
- (2) Moment Arm. No effect
- (3) Datum Engine Front Mount Centerline
 (Power Plant Station (PPS) 100.00)

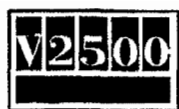
K. Electrical Load Data

Not affected.

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L. References	Chapter/Section
IAE V2500 Standard Practices/Processes Manual (SPP-V2500-1IA)	70-09-00
Overhaul Processes and Consumable Index (PCI-V2500-1IA)	
M. Other Publications Affected	
A320/V2500-A1/A320/A321/V2500-A5 Engine Manual	78-32-46 78-32-76
A320/V2500-A1 Engine Illustrated Parts Catalog (E-V2500-1IA)	78-32-46 78-32-76
A320/A321/V2500A5 Engine Illustrated Parts Catalog (E-V2500-2IA)	78-32-46 78-32-76

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2. Accomplishment Instructions

NOTE: The accomplishment instructions are the same for the left and right translating sleeves. Right translating sleeve reference information is shown in parenthesis.

A. Pre-requisite Instructions

- (1) Examine the translating sleeve lower forward hoist point.
 - (a) If the floating insert of the hoist point is present and functional, rework the hoist point as instructed in paragraph B.
 - (b) If the floating insert of the hoist point is not present or not functional, replace the hoist point. Refer to the A320/V2500-A1/A320/A321V2500-A5 Engine Manual, Repair VRS2275 (VRS2276) TASK 78-32-46-300-020 (TASK 78-32-76-300-020).

B. Modification Instructions

- (1) Remove the NAS1081C4A4 setscrew from the hoist point.

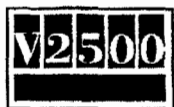
WARNING: RELEASE AGENT (COMAT 02-158) IS CLASSIFIED AS A HAZARDOUS MATERIAL WHICH MAY CAUSE INJURY OR ILLNESS IF NOT PROPERLY USED. THIS PRODUCT SHOULD BE USED ONLY IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFIC SAFETY AND HEALTH RECOMMENDATIONS. PRIOR TO USE OF THIS PRODUCT, CAREFULLY READ THE APPLICABLE "MATERIAL SAFETY DATA SHEET" AND FOLLOW ALL LISTED SAFETY AND HEALTH PRECAUTIONS.

- (2) Apply release agent (CoMat 02-158) to the NAS1081C4A4 set screw and install the setscrew in the hoistpoint.

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WARNING: SEALANT (COMAT 08-033) IS CLASSIFIED AS A HAZARDOUS MATERIAL WHICH MAY CAUSE INJURY OR ILLNESS IF NOT PROPERLY USED. THIS PRODUCT SHOULD BE USED ONLY IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFIC SAFETY AND HEALTH RECOMMENDATIONS. PRIOR TO USE OF THIS PRODUCT, CAREFULLY READ THE APPLICABLE "MATERIAL SAFETY DATA SHEET" AND FOLLOW ALL LISTED SAFETY AND HEALTH PRECAUTIONS.

- (3) Mix the sealant (CoMat 08-033). Refer to the manufacturer's instructions.
- (4) Put sealant the space between the body of the hoist point and the floating insert.
- (5) Cure the sealant (CoMat 08-033). Keep the setscrew in the center of the hoist point while the sealant is cured. Refer to the manufacturer's instructions.

C. Post-requisite Instructions

None.

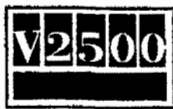
D. Recording Instructions

- (1) A record of accomplishment is necessary. Write in applicable records and metal stamp, vibroetch, or electroetch on thrust reverser data plate that service bulletin V2500-NAC-78-0158 has been done. Refer to the IAE V2500 Standard Practices/Processes Manual, Chapter 70-09-00.

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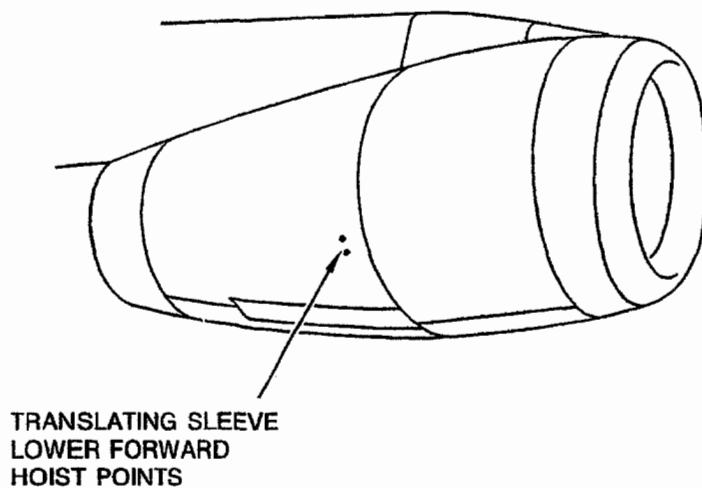
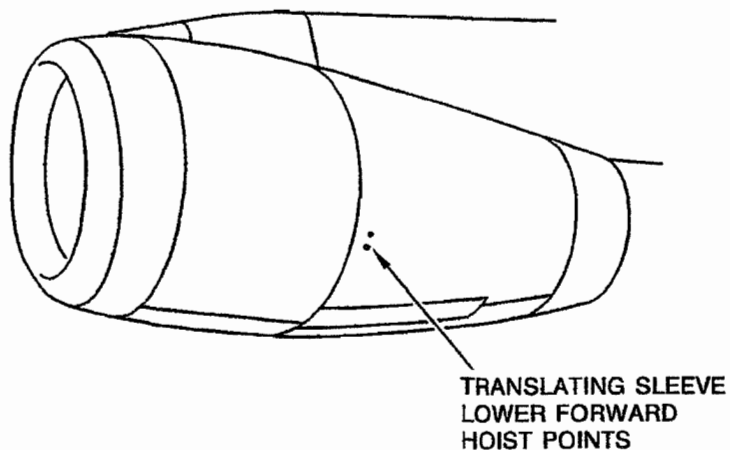
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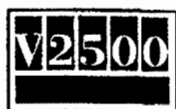
VSB648

Translating Sleeve Hoist Point Modification
Figure 1

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3. Material Information

Applicability: For each V2500-A1/A5 Nacelle to incorporate this Bulletin.

A. Kits associated with this Bulletin:

None.

B. Parts affected by this Bulletin:

<u>NEW PART NO</u> <u>(ATA NO)</u>	<u>QTY</u>	<u>EST'D</u> <u>UNIT</u> <u>PRICE</u>	<u>KEYWORD</u>	<u>OLD PART NO</u> <u>(IPC NO)</u>	<u>INSTR/</u> <u>DISPOS</u>
463HE428-08 (78-32-46) (78-32-76)	2		Insert	465HF428-08 (01-120) (01-120)	(B)

C. Instructions/Disposition Code Statements:

(A) New part number is available.

(B) Old part number will no longer be available.

NOTE: The estimated 1998 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. Materials Required to Incorporate This Bulletin

CoMat 02-185	Release Agent
CoMat 08-033	Sealant

NOTE: To identify the consumable materials, refer to the Overhaul Processes and Consumable Index PCI-V2500-1IA.

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