



International
Aero Engines

V2500 Propulsion System — Nacelle

SERVICE BULLETIN

Date: January 15, 1998

Subject: Transmittal of Revision 1 to Service Bulletin Number V2500-NAC-71-0142

Service Bulletin Revision History:

<u>Event</u>	<u>Date</u>
Basic Issue	Jul. 15/97
Revision 1	Jan. 15/98

Reasons for Issuance of Revision

- (1) To add a "Concurrency Requirements" statement to page 2. This is done to refer the operator to Service Bulletin V2500-NAC-71-0181 which is a follow-on solution to the problem addressed by this service bulletin. Operators who have not incorporated this service bulletin may want to choose to not do this bulletin and do V2500-NAC-71-0181 instead.

Effect on Past Compliance

None

List of Effective Pages:

<u>Page No.</u>	<u>Rev. No.</u>	<u>Date</u>
1 thru 4	1	Jan. 15/98
5 thru 9	Basic	Jul. 15/97

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Transmittal
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NACELLE — POWERPLANT — RIGHT FAN COWL DOOR — INTRODUCTION OF A DRAIN HOLE

MODEL APPLICATION

V2500-A5

BULLETIN INDEX LOCATOR

71-00-00

Compliance Category Code

3

Internal Reference No.

JG/LL 93VN093B

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1. Planning Information

A. Effectivity

- (1) Aircraft: Airbus A320
- (2) Nacelle: V2500-A5 right hand fan cowl doors cum units (c/u) 481 thru 649 and serial numbers (s/n) 0650001 thru 0783001.

B. Concurrency Requirements

Refer to Service Bulletin V2500-NAC-71-0181 prior to accomplishment of this Service Bulletin.

C. Reason

(1) Condition

The right Fan Cowl Door may retain fluid in the pan down area at the gearbox breather outlet duct.

(2) Background

The fluid retention was observed during testing.

(3) Objective

To introduce a drain hole into the right Fan Cowl Door to allow unwanted fluids to drain away.

(4) Substantiation

Drainage tests showed that no fluids were retained in the pan down area of the right Fan Cowl Door at the gearbox breather outlet.

(5) Effect of Bulletin on:

- | | |
|--------------------------|--------------|
| (a) Removal/Installation | Not affected |
| (b) Disassembly/Assembly | Not affected |

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(c) Cleaning	Not affected
(d) Inspection/Check	Not affected
(e) Repair	Not affected
(f) Testing	Not affected

(6) Supplemental Information

None.

D. Description

(1) The change introduced by this Service Bulletin is as follows:

- (a) A 0.25 inch (6.35 mm) diameter hole is drilled in the right hand fan cowl door near the gearbox breather outlet duct.

E. Approval

The technical information including design data contained in this Service Bulletin has been approved under the authority of AIB Design Organization Approval No. F.JA.02 granted by the DGAC.

F. Compliance

Category 3

Accomplish at next A check or within 500 hours of operation after receipt of this bulletin.

G. Manpower

Estimated manhours to incorporate the full intent of this Bulletin on each V2500-A5 nacelle:

VENUE

ESTIMATED MANHOURS

(1) In Service

0.75 M/Hrs

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R H. Material Cost and Availability

Modification Kit not required.

R I. Tooling-Cost and Availability

None required.

R J. Weight and Balance

- (1) Weight change None
- (2) Moment arm No effect
- (3) Datum Engine Front Mount Centerline
(Powerplant Station PPS 100.00)

R K. Electrical Load Data

Not affected.

R L. References

Chapter/Section

A320/A321 Aircraft Maintenance Manual

71-13-00

Overhaul Processes and Consumable Index
(PCI-V2500-1IA)

Aircraft Modification 25189

IAE V2500 Standard Practices/Processes
Manual (SPP-V2500-1IA)

70-09-00

R M. Other Publications Affected

A320/V2500-A5 PowerPlant Illustrated
Parts Catalog (PIP-V2500-2IA) and
A320/V2500-A5 Engine Illustrated
Parts Catalog (PIP-V2500-2IA)

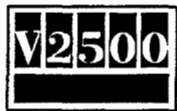
71-13-13
71-13-16
71-13-17
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2. Accomplishment Instructions

A. Pre-requisite Instructions

- (1) Open the right Fan Cowl Door as instructed in the A320/A321 Aircraft Maintenance Manual, Task 71-13-00-010-010.

B. Rework Instructions

- (1) Drill a 0.098 inch (2.50 mm) diameter hole into the right Fan Cowl Door where shown. Drill from the inner face of the fan cowl door. Refer to Figure 1.
- (2) Increase the hole size to 0.25 inch (6.35 mm) diameter. Remove any burrs from the hole.

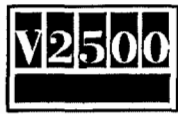
WARNING: SOLVENT (COMAT 01-438) IS CLASSIFIED AS A HAZARDOUS MATERIAL WHICH MAY CAUSE INJURY OR ILLNESS IF NOT PROPERLY USED. THIS PRODUCT SHOULD BE USED ONLY IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFIC SAFETY AND HEALTH RECOMMENDATIONS. PRIOR TO USE OF THIS PRODUCT, CAREFULLY READ THE APPLICABLE "MATERIAL SAFETY DATA SHEET" AND FOLLOW ALL LISTED SAFETY AND HEALTH PRECAUTIONS.

- (3) Remove all oil, grease, dirt, or other contaminants from the hole and surrounding area with a lint free cloth (CoMat 02-099) made moist with solvent (CoMat 01-438). Wipe surfaces dry before the solvent becomes dry.

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WARNING: FINISH (COMAT 07-119) AND CATALYST (COMAT 07-118) ARE CLASSIFIED AS HAZARDOUS MATERIALS WHICH MAY CAUSE INJURY OR ILLNESS IF NOT PROPERLY USED. THESE PRODUCTS SHOULD BE USED ONLY IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFIC SAFETY AND HEALTH RECOMMENDATIONS. PRIOR TO USE OF THESE PRODUCTS, CAREFULLY READ THE APPLICABLE "MATERIAL SAFETY DATA SHEET" AND FOLLOW ALL LISTED SAFETY AND HEALTH PRECAUTIONS.

(4) Mix finish (CoMat 07-119) and catalyst (CoMat 07-118). Refer to the manufacturers instructions.

(5) Apply finish to the cut edges of the drain hole.

C. Post-requisite Instructions

(1) Close the right Fan Cowl door as instructed in the A320/A321 Aircraft Maintenance Manual, Task 71-13-00-410-010.

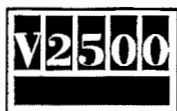
D. Recording Instructions

(1) A record of accomplishment is necessary. Write in the engine log and metal stamp, vibroetch, or electroetch on the fan cowl data plate that Service Bulletin V2500-NAC-71-0142 has been done. Refer to the IAE V2500 Standard Practices/Processes Manual, Chapter 70-09-00.

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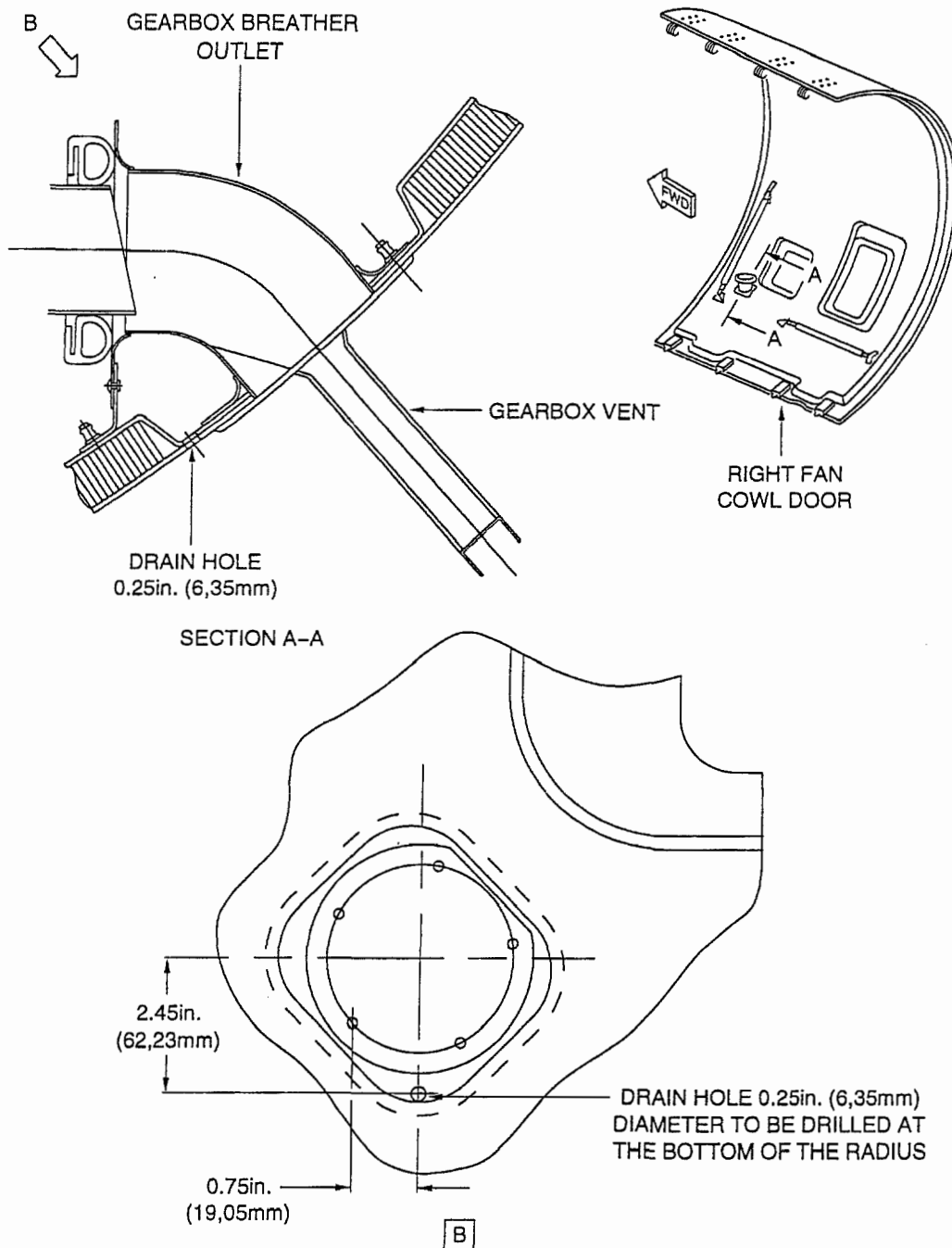
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(Breather duct assy not shown for clarity)

Location of Drain Hole In Right Fan Cowl Door
Figure 1

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3. Material Information

Applicability: For each V2527-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>
745-4002-507 (71-13-13) (71-13-16)	1		Cowl Fan, Right	745-4002-503 (02-002) (01-010)	(A)(1D)

RQ* = Quote only
basis

C. Instructions/Dispositions Code Statements

(A) New part currently available.

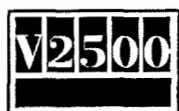
(1D) Old part can be reworked and reidentified to new part number.

NOTE: The estimated 1997 unit price shown is provided for planning purposes only and does not constitute a firm quotation. Consult the Rohr Price Catalog or contact Rohr's Spares Parts Sales Department for information concerning firm prices.

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D. Materials Required to Incorporate This Bulletin:

CoMat 01-438	Solvent
CoMat 02-099	Lint Free Cloth
CoMat 07-076	Catalyst
CoMat 07-119	Epoxy Gloss Finish-White

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

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