



V2500 Propulsion System — Nacelle

SERVICE BULLETIN

NACELLE - INLET COWL - P2/T2 ROSEMOUNT PROBE,
BONDING CLAMP - REPLACEMENT OF

MODEL APPLICATION

V2500-A1

BULLETIN INDEX LOCATOR

71-11-11

71-11-43

Compliance Category Code

4

Internal Reference No.

GN/BTG 88VN137/88VN142

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1. Planning Information

A. Effectivity

(1) Airplane: Airbus A320

(2) Nacelle: V2500-A1 Nacelles

- (a) The intent of this Service Bulletin was incorporated at the manufacturer on Inlet Cowl Serial Number 1 thru 7, 9, and 11 and on.

The following Inlet Cowl Serial Numbers were not changed at the manufacturer. They can be modified by incorporating this Service Bulletin using Kit V2571043-551.

Inlet Cowl
Serial Number

Qty of Kits
V2571043-551

8, 10

2

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B. Reason

(1) Condition

To replace P2/T2 probe bonding clamp and connector receptacle nuts.

(2) Background

Not applicable.

(3) Objective

To improve engine indicating performance and increase maintainability.

(4) Substantiation

Not applicable.

(5) Impact of Bulletin on:

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.

C. Description

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

A new bonding clamp is installed for use with the 154DB Rev. D Rosemount P2/T2 probe. Additionally the nuts used to install the connector receptacles for the P2/T2 probe cable assemblies are removed and replaced with self-locking nuts.

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D. Approval

The change in definition subject of this Service Bulletin has been covered by an aircraft modification, approved by the D.G.A.C. (Direction Generale de l'Aviation Civile - France).

E. 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.

F. Manpower

Estimated manhours to incorporate the full intent of this Bulletin:

4

VENUE

ESTIMATED MANHOURS

(1) In Service

(a) To gain access 0.2 M/HRS.

(b) To embody 0.5 M/HRS.

(c) To return nacelle to service 0.2 M/HRS.

TOTAL 0.9 M/HRS.

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G. Material Cost and Availability

The parts to accomplish this Service Bulletin are available from the supplier as Kit V2571043-551 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 specify this service bulletin number and only the parts listed herein. Delivery schedules will be furnished to operators upon receipt of their written request.

Direct purchase order to:

Rohr Industries, Inc.
660 Bay Blvd.
Chula Vista, CA 92012-0878 USA
Attn: Customer Support Manager, Bldg. 850A
(Service Bulletin No. V2500-NAC-71-0043)

H. Tooling Cost and Availability

None required.

I. Weight and Balance

- (1) Weight Change None
- (2) Moment Arm No Effect
- (3) Datum Engine Front Mount Centerline
..... (Powerplant Station
..... PPS 100.00)

J. Electrical Load Data

Not affected.

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K. References

None.

L. Other Publications Affected

V2500 Nacelle Illustrated Parts Catalog

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2. Accomplishment Instructions

A. Prerequisite Instructions

- (1) Find the Rosemount P2/T2 probe at the top right side of the engine inlet cowl. (Refer to Figure 1.)
- (2) Remove (18) NAS8704U4 bolts which attach the probe access panel to the inlet cowl. Keep bolts and panel.

B. Rework or Modification Instructions

- (1) Remove the AS21408 bolt and the AS20624 nut which connect the FEB5006-.28-3.75-.23 jumper assembly to the 740-3240-501 bonding clamp.
- (2) Remove the AS21408 bolt and the AS20624 nut which attach the 740-3240-501 bonding clamp to the P2/T2 probe. Remove and discard the bonding clamp.
- (3) Install the 740-3240-503 bonding clamp to the P2/T2 probe with an AS21408 bolt and an AS20624 nut. Connect the FEB5006-.28-3.75-.23 jumper assembly to the new bonding clamp with an AS21408 bolt and an AS20624 nut. Torque the two bolts to 40 lb-in. (4.5 N.m).
- (4) Find the J805, J806, and J807 connector receptacles on the inlet cowl bulkhead. Remove and discard the (12) A105-A-P nuts that hold the receptacles to the bulkhead.
- (5) Install (12) AS8623-A self-locking nuts to hold the J805, J806, and J807 connector receptacles to the bulkhead.

C. Post-requisite Instructions

- (1) Install (18) NAS8704U4 bolts to attach the probe access panel to the inlet cowl.

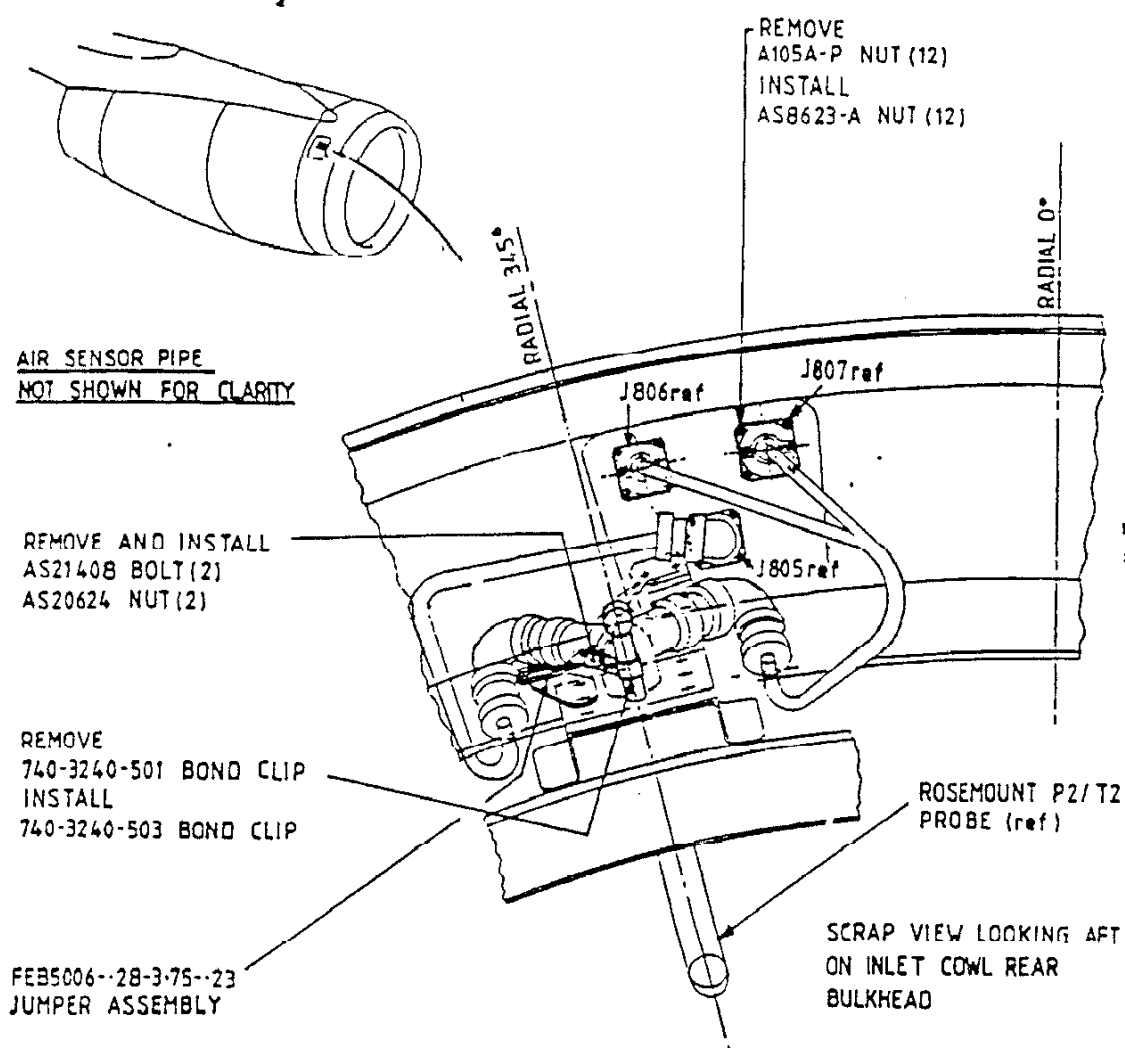
D. Recording Instructions

- (1) A record of accomplishment is necessary.

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Removal and Replacement of the Bonding Clamp and Connector Nuts Figure 1

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3. Material Information

<u>NEW PN</u> <u>(ATA NO.)</u>	<u>QTY</u>	<u>EST'D UNIT</u> <u>PRICE (\$)</u>	<u>KEYWORD</u>	<u>OLD PN</u> <u>(IPC NO.)</u>	<u>INSTR/</u> <u>DISPOS</u>
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Applicability: For each V2500 Nacelle to incorporate this Bulletin.

A. Kits Associated with this Service Bulletin:

V2571043-551	1		Kit		(A)
consisting of:					
740-3240-503	1		Bonding Clamp		
AS8623-A	12		Nut		

B. Parts Affected by this Service Bulletin:

740-3240-503	1	.Clamp,	740-3240-501	(B)(E)
(71-11-11)		.Bonding	(01-192)	(1D)
AS8623-A	12	Nut	A105-A-P	(B)(E)
(71-11-43)			(01-110)	(1D)
			(01-510)	

C. Instruction/Disposition Code Statements:

- (A) Kit is available.
- (B) New part currently available for sale.
- (E) New part supplied as detail of the Kit.
- (1D) Discard old part.

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