



SERVICE BULLETIN

NACELLE POWER PLANT - FAN COWL DOOR - HOLD-OPEN STRUT BRACKET - REWORK OF - CATEGORY
CODE 4 - MOD.NAC-71-0102

1. Planning InformationA. Effectivity

- (1) Airplane: Airbus A320
- (2) Nacelle: V2500-A1 Nacelles
- (a) Engine Buildup Units

The intent of this Service Bulletin was incorporated at the manufacturer on Engine Buildup Units (EBU) Serial No 136 and on.

The following EBU Serial Numbers were not changed at the manufacturer. They can be modified by incorporating this Service Bulletin.

EBU
Serial Number
1 thru 135

B> Reason

(1) Condition

The bracket for locating the forward hold-open strut-rod on the right fan cowl door may cause a foul with the insulation blanket around the gimbal joint on the TAI air supply pipe.

(2) Background

Not applicable.

(3) Objective

To provide the necessary clearance and so maintain engine reliability.

(4) Substantiation

Trial installation has shown that the revised bracket gives the necessary clearance.

(5) Impact of Bulletin on:

V2500-NAC-71-0102



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

- (6) Supplemental Information
Not affected.

C. Description

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

- (a) The hold-open strut bracket on the rear bulkhead of the inlet cowl is removed. The bracket is modified and reinstalled (ref: Figures 1 AND 2).

D. Approval

The technical content of this Service Bulletin is covered by an Airbus Industrie Modification No. 21948 which is under DGAC (Direction General de l'Aviation Civile - France) approval.

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:

Venue	Estimated Manhours
(1) In Service	
(a) To gain access.....	0.2 M/HRS.
(b) To embody.....	0.7 M/HRS.
(c) To return nacelloe to flyable status.....	0.2 M/HRS.



TOTAL 1.1 M.HRS.

G. Material and Availability

Not applicable.

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.

K. References

- (1) Internal Reference No.

89VN136
- (2) Other References

V2500 Aircraft Maintenance Manual 71-13-00

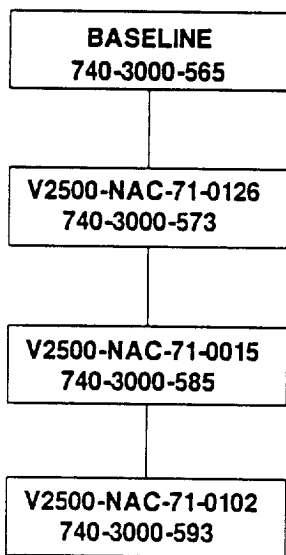
L. Other Publication Affected

V2500 Power Plant Illustrated Illustrated Parts Catalog 71-11-11

M. Family Tree

Refer to Figure 1.

V2500-NAC-71-0102



Inlet Cowl Family Tree
Fig.1

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2. Accomplishment Instructions

A. Prerequisite instructions

- (1) Open the left and right fan cowl doors as specified in the V2500 Aircraft Maintenance Manual, TASK 71-13-00-010-010.

NOTE: Do not engage the right side, forward, hold-open strut-rod.

B. Rework or Modification Instructions

- (1) Remove four A104-0-5D bolts, four AN960-C10L washers, and four AS8623-D nuts to release the 740-3086-501 bracket. (Refer to Figure 2.)
- (2) Cut the corner off the 740-3086-501 bracket to form the 740-3086-503 bracket. (Refer to Figure 3.) Remove any burrs from the bracket and identify it to the new part number 740-3086-503 with a vibro-etch engraver.
- (3) Install the 740-3086-503 bracket with the four bolts, four nuts, and four washers kept in paragraph 2.B.(1). Torque the nuts to 40 lb-in. (4.52 N.m). Engage the hold-open strut-rod in the new bracket and examine for a satisfactory clearance.
- (4) Reidentify inlet cowl from 740-3000-585 to 740-3000-593.

C. Post-requisite Instructions

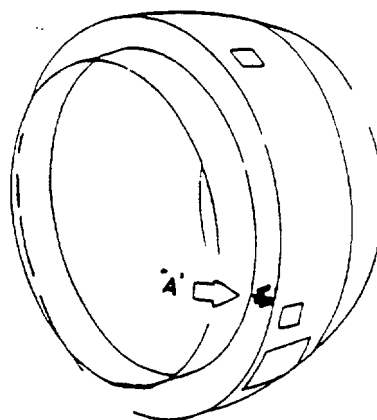
- (1) Close the left and right fan cowl doors as specified in the V2500 Aircraft Maintenance Manual, Task 71-13-00-410-010.

D. Recording Instructions

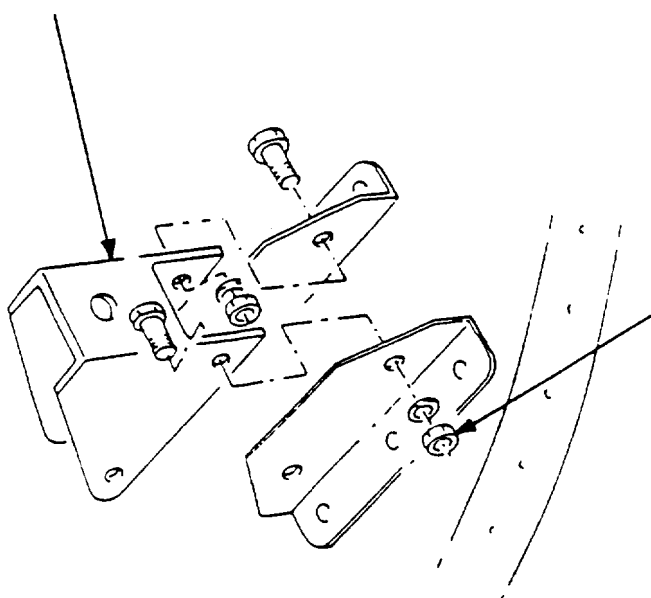
- (1) A record of accomplishment is necessary.



NOTE: MODIFY THE BRACKET TO NEW
PART NUMBER STANDARD
(REF FIGURE 2)



REMOVE
740-3086-501 BRACKET
INSTALL
740-3086-503 BRACKET



REMOVE AND INSTALL
A104-0-50 BOLT (4)
AN960-C10L WASHER (4)
AS8623-D NUT (4)

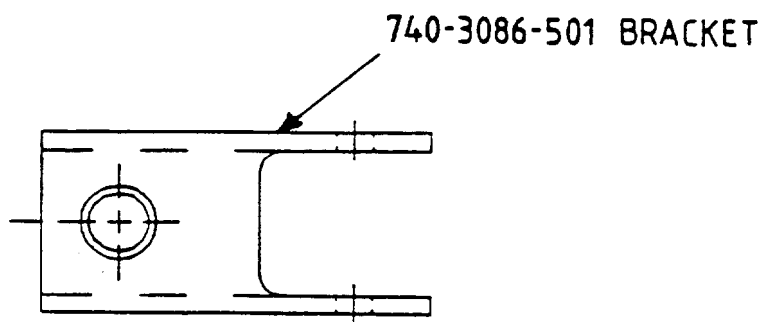
VIEW ON ARROW 'A'

Removal/Installation of Hold-Open Strut Bracket
Fig.2

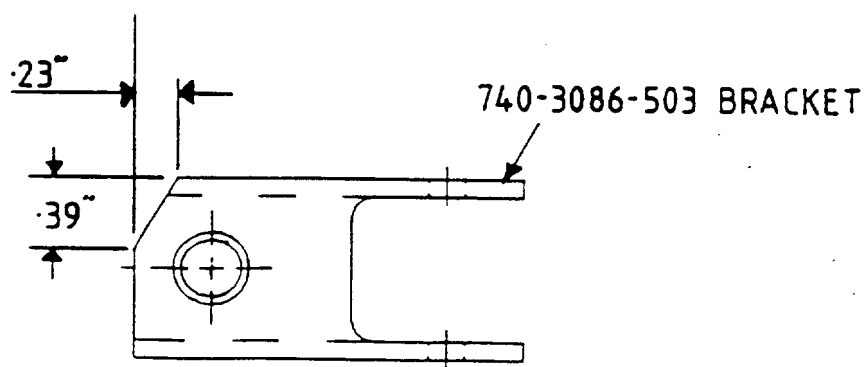
V2500-NAC-71-0102



IDENTIFY THE MODIFIED BRACKET
TO 740-3086-503 WITH A VIBRO-ETCH ENGRAVER



BEFORE



AFTER

To change the Hold-Open Strut Bracket
Fig.3

ded00000225



SERVICE BULLETIN

3. Material Information

New (ATA NO.)	Qty	Est'd UNIT Price (\$)	KEYWORD	Old PN (IPC No.)	INSTR/ DISPOS
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Applicability: For each V2500 Nacelle to incorporate this Bulletin.

A. Kits Associated with this Service Bulletin:

No kit required.

B. Parts Affected by this Service Bulletin:

740-3000-593 (71-11-11)	1	Inlet Cowl	740-3000-585 (01-005)	(A) (1D)
740-3086-503 (71-00-24)	2	Bracket	740-3086-501 (01-150)	(A) (1D)
AS8623D (71-00-24)	8	Nut	-- (01-154)	(A)
AN96960C10L (71-00-24)	8	Washer	-- (01-157)	(A)
A104-0-5D (7100-24)	8	Bolt	-- (01-159)	(A)

C. Instruction/Disposition Code Statements:

(A) New part currently available for sale.

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

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