© A320/A321

SERVICE BULLETIN SUMMARY

AIRBUS INDUSTRIE
PRODUCT SUPPORT DIRECTORATE
1 Rond Point Maurice BELLONTE
31707 BLAGNAC CEDEX FRANCE
Tel: (33) 61-93-33-33
Telex: AIRBU 530526 F

This summary is for information only and is not approved for modification of the aircraft

TITLE : AIR CONDITIONING - FWD CARGO COMPARTMENT - REPLACE THE TRIM AIR

VALVE 2HC

MODIFICATION No.: 23965K3497

ATA SYSTEM: 21

REASON/DESCRIPTION/OPERATIONAL CONSEQUENCES

Operators have experienced heating faults in the FWD cargo compartment. This Service Bulletin, in conjunction with BAVARIA AVIONIK TECHNOLOGIE Service Bulletin 600700-21-004, is issued to introduce an improved TRIM AIR VALVE (2HC) for the Forward Cargo Compartment.

The improvements to the Trim Air Valve consist of :

- Deletion of potentiometer

- Introduction of improved motor with increased temperature stability
- New switch adjustment procedure
- New design of Locking pin

EFFECTIVITY

This Service Bulletin is applicable to these customer(s): AZA, IBE.

SERVICE BULLETIN(S) TO BE ACCOMPLISHED PREVIOUSLY OR SIMULTANEOUSLY

AIRBUS INDUSTRIE SB A320-21-1070;

REFERENCES/REPERCUSSIONS

TFU : 214351004

OEB : None

AOT : None

SIL : None

LIFE LIMIT : None

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LINE MAINTENANCE AFFECTED : No

OTHER

: None

NATURE OF THE WORK

AIRCRAFT:

NO

EQUIPMENT:

YES

HARD:

NO

SOFT:

NO

OBRM:

NO

COMPLIANCE

Desirable

MANPOWER

The manhours are calculated for the removal, installation and test of the Trim Air Valve (2HC). The manhours for the modification of the Trim Air Valve (2HC) are given in the BAVARIA AVIONIK TECHNOLOGIE Service Bulletin 600700-21-004.

TOTAL MANHOURS

5.50

ELAPSED TIME (HOURS)

4.00

MATERIAL INFORMATION

AIRCRAFT DATA

None

EQUIPMENT DATA

Designation: Trim Air Valve (2HC)

Supplier : BAVARIA AVIONIK TECHNOLOGIE

Service Bulletin No.: BAT 600700-21-004

Old Part Number: 600700-00-500

New Part Number: 600700-00-501

Interchangeability code: 2

Mixability: None

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APPENDICES

None

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TITLE : AIR CONDITIONING - FWD CARGO COMPARTMENT - REPLACE THE TRIM AIR

VALVE 2HC

Telex: AIRBU 530526 F

ATA SYSTEM: 21 MODIFICATION No.: 23965K3497

1. PLANNING INFORMATION

A. EFFECTIVITY

(1) Aircraft models: 320-211, 321-112

(2) Aircraft

Customer and Fleet No.

MSN

Kit No. Qty

Config.

211079 of Kits No.

NONE

NONE

AZA 001- 002

477,488

IBE 001- 022

134,136,143,146,158,173,

176,177,199,207,223,224, 240,241,246,264,266,274,

303,312,323,356

This modification is embodied before delivery on AZA aircraft MSN 494 and subsequent.

For IBE A/C only, Service Bulletin A320-21-1070 must be accomplished previously or simultaneously with this Service Bulletin.

(3) Spares

None

B. REASON

(1) History

Operators have experienced heating faults in the FWD cargo compartment.

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(2) Objective/Action

This Service Bulletin, in conjunction with BAVARIA AVIONIK TECHNOLOGIE Service Bulletin 600700-21-004, details the procedure to install the improved Trim Air Valve (2HC).

(3) Advantages

The improved Trim Air Valve 2HC will improve the reliability of the system in the FWD cargo compartment.

(4) Operational/Maintenance Consequences

None

(5) Accomplishment Timescale

In accordance with the operator's maintenance planning.

C. DESCRIPTION

To accomplish this Service Bulletin it is necessary to :

(1) Replace the Trim Air Valve (2HC)

D. APPROVAL

The design data contained in this Service Bulletin has been approved under the authority of DGAC Design Organisation Approval No. C 01. This changes specified in this Service Bulletin have been approved by the DGAC when they are major, or under the authority of DGAC Design Organisation Approval No. C 01, when they are minor.

E. MANPOWER

The manhours are calculated for the removal/installation and test of the Trim Air Valve (2HC). The manhours for the modification of the Trim Air Valve are given in the BAVARIA AVIONIK TECHNOLOGIE Service Bulletin 600700-21-004.

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Gain access	1.50
Modification	1.00
Test	1.00
Close-up	2.00
TOTAL MANHOURS	5.50
ELAPSED TIME (HOURS)	4.00

F. MATERIAL - COST AND AVAILABILITY

No AIRBUS INDUSTRIE Kit will be provided for this Service Bulletin. For further details refer to BAVARIA AVIONIK TECHNOLOGIE Service Bulletin 600700-21-004.

G. TOOLING - PRICE AND AVAILABILITY

None

H. WEIGHT AND BALANCE

Not affected

I. REFERENCES

Aircraft Maintenance Manual (AMM) :12-34-24, 21-43-00, 21-43-53

BAVARIA AVIONIK TECHNOLOGIE Service Bulletin:600700-21-004

Service Bulletin (SB)

: A320-21-1070

J. PUBLICATIONS AFFECTED

Illustrated Parts Catalog (IPC) : 21-43-02, 21-43-53

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2. ACCOMPLISHMENT INSTRUCTIONS

A. GENERAL

- (1) Preparation
 - (a) Electrically ground the aircraft (Refer to AMM 12-34-24, P. Block 201).
 - (b) Open the FWD cargo access door 825.
 - (c) Remove the access panels 131NW, 131PW.
 - (d) Open, safety and tag the circuit breakers as given in AMM 21-43-53, P. Block 401.
- (2) Standard Practices

None

B. MODIFICATION

- (1) Replace the Trim Air Valve (2HC).
 - (a) Remove the Trim Air Valve (2HC).
 - 1 Disconnect and remove the Trim Air Valve from the aircraft (Refer to AMM 21-43-53, P. Block 401).
 - (b) Install the improved Trim Air Valve (2HC).
 - 1 Install and connect the improved Trim Air Valve (Refer to AMM 21-43-53, P. Block 401)

C. TESTS

- (1) Remove the safty clips and tags and close the circuit breakers as given in AMM 21-43-53, P. Block 401.
- (2) Do the operational test of the FWD cargo heating system (Refer to AMM 21-43-00, P. Block 501).

D. CLOSE-UP

- (1) Make sure that the work area is clean and clear of tools and other items.
- (2) Install the access panels 131NW and 131PW.
- (3) Close the FWD cargo access door 825.

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E. DOCUMENTATION

Write in the applicable aircraft record that you have done all the work in this Service Bulletin.

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3. MATERIAL INFORMATION

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MODIFICATION No.: 23965K3497 ATA SYSTEM: 21

IS BEING HEREWITH SUBMITTED TO YOU FOR REVIEW

Please fill:

... REJECTED

... WILL BE EMBODIED

... EFFECTIVITY

This SB can only be incorporated in your "customized" documentation within the agreed time schedule in so far as this sheet is returned to us on purchase date and signed by a duly authorized and empowered officer or representative.

FROM : AIRLINE : NAME : DATE :

Please return to:

AIRBUS INDUSTRIE PRODUCT SUPPORT DIRECTORATE 1 Point Maurice BELLONTE 31707 BLAGNAC CEDEX FRANCE

Att. : AI/SP - Technical Publications Department

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