SERVICE BULLETIN REVISION TRANSMITTAL SHEET

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

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

VALVE 12HC

MODIFICATION No.: 23966K3498

ATA SYSTEM: 21

This page transmits Revision No. <2> of Service Bulletin No. A320-21-1080.

No more work is necessary to do this revision.

REASON

This Revision is issued to update the EFFECTIVITY.

SERVICE BULLETIN

Effectivity updated.

FILING INSTRUCTIONS

Replace Service Bulletin Pages 1 of 9 and 2.

Put this Revision Transmittal Sheet in front of the Service Bulletin.

REVISION SEQUENCES

ORIGINAL: MAR 15/94

REVISION No. : 1 -AUG 01/94

REVISION No.: 2 -

DATE : MAR 15/94 SERVICE BULLETIN No. : A320 - 21 - 1080

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SERVICE BULLETIN SUMMARY

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

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

VALVE 12HC

MODIFICATION No.: 23966K3498

ATA SYSTEM: 21

REASON/DESCRIPTION/OPERATIONAL CONSEQUENCES

Operators have experienced heating faults in the AFT 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 12HC for the AFT 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):
AIB, ANA, CDN, GFA, IBE, ITF, KAC, MON, MSR, NWA, RJA, SHK, TAR, UAL,
XF, XP, XZ

SERVICE BULLETIN(S) TO BE ACCOMPLISHED PREVIOUSLY OR SIMULTANEOUSLY

AIRBUS INDUSTRIE SB A320-21-1068;

REFERENCES/REPERCUSSIONS

TFU

: 214351004

OEB

: None

AOT

: None

SIL

: None

LIFE LIMIT

: None

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SERVICE BULLETIN SUMMARY

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 12HC. The manhours for the modification of the Trim Air Valve 12HC are given in the BAVARIA AVIONIK TECHNOLOGIE Service Bulletin 600700-21-004.

TOTAL MANHOURS

6.00

ELAPSED TIME (HOURS)

4.00

MATERIAL INFORMATION

AIRCRAFT DATA

None

EQUIPMENT DATA

Designation: Trim Air Valve 12HC

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 - AFT CARGO COMPARTMENT - REPLACE THE TRIM AIR

VALVE 12HC

MODIFICATION No.: 23966K3498 ATA SYSTEM: 21

1. PLANNING INFORMATION

A. EFFECTIVITY

(1) Aircraft models: 320-111, 320-211, 320-212, 320-231, 320-232

(2) Aircraft

Customer and Fleet No.		MSN	Kit No. 211080	•	
			NONE	NONE	
AIB	001	258			
ANA	001-016	138,139,148,151,167,170, 196,212,219,245,300,328, 365,383,413,482			
CDN	401-405	174,175,210,231,232			
	407-411	283,284,302,305,309			
	415, 416	403,404			
GFA	801-810	313,325,345,375,419,421, 438,445,459,466			
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			·
ITF	001-003	010,012,013			
	005-018	016,033,036,044,004,003, 108,115,130,155,156,184, 214,239			
	020-025	278, 337, 236, 237, 377			
	201, 202	144,145			
	301, 302	204,211			
	401-403	215,244,270			
KAC	001-003	181,182,195			

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Customer and Fleet No.		MSN	Kit No. 211080	•	Config. No.
MON	001, 002	379,389			
MSR	001-007	165,166,178,194,198,351, 366			
NWA	301-350	031,032,034,040,041,060, 106,107,118,121,125,152, 153,160,171,192,197,206, 208,213,262,263,272,273, 281,282,297,298,306,307, 318,319,329,339,340,355, 358,360,367,372,380,381, 387,388,399,400,408,410, 417,418			
RJA	001, 002	087,088			
SHK	003	344			
TAR	007	123			
UAL	401-420	435,439,442,450,452,454, 456			
ΧF	001-002	393,394			
	504-507	371,397,409,427			
	551	279			
ΧP	001	085			
	051-059	203,220,221,222,294,299, 301,348,349			
	062, 063	391,392			
	502, 503	362,363			
ΧZ	001-004	131,132,189,190			
	101-110	234,235,288,289,331,343, 395,407,420,436			

This modification is embodied before delivery on :

ANA aircraft MSN 501 and subsequent.

GFA aircraft MSN 481 and subsequent.

UAL aircraft Msn 500 and subsequent.

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SERVICE BULLETIN

Service Bulletin A320-21-1068 must be accomplished previously or simultaneously with this Service Bulletin.

(3) Spares

None

B. REASON

(1) History

Operators have experienced heating faults in the AFT cargo compartment.

(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 12HC.

(3) Advantages

The improved Trim Air Valve 12HC will improve the reliability of the system in the AFT 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 12HC.

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.

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E. MANPOWER

The manhours are calculated for the removal/installation and test of the Trim Air Valve 12HC. The manhours for the modification of the Trim Air Valve are given in the BAVARIA AVIONIK TECHNOLOGIE Service Bulletin 600700-21-004.

Gain access	2.00
Modification	1.00
Test	1.00
Close-up	2.00
TOTAL MANHOURS	6.00
ELAPSED TIME (HOURS)	4.50

F. MATERIAL - COST AND AVAILABILITY

No AIRBUS INDUSTRIE Kit will be provided for this Service Bulletin. For further details refer to BAVARIA 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, 21-43-51

BAVARIA AVIONIK TECHNOLOGIE Service Bulletin:600700-21-004

Service Bulletin (SB) : A320-21-1068

J. PUBLICATIONS AFFECTED

Illustrated Parts Catalog (IPC) : 21-43-04, 21-43-51

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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) Remove the access panel 197BB.
 - (c) Open, safety and tag the circuit breakers as given in AMM 21-43-51, p. Block 401.
- (2) Standard Practices

None

B. MODIFICATION

- (1) Replace the Trim Air Valve 12HC.
 - (a) Remove the Trim Air Valve 12HC.
 - 1 Disconnect and remove the Trim Air Valve from the aircraft (Refer to AMM 21-43-51, P. Block 401).
 - (b) Install the improved Trim Air Valve 12HC.
 - 1 Install and connect the improved Trim Air Valve (Refer to AMM 21-43-51, P. Block 401)

C. TESTS

- (1) Remove the safty clips and tags and close the circuit breakers as given in AMM 21-43-51, P. Block 401.
- (2) Do the operational test of the AFT 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 panel 197BB.

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

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

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VALVE 12HC

ATA SYSTEM : 21 MODIFICATION No.: 23966K3498

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 :
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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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