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

MODIFICATION NO: 22782K2729, 22783K2730

ATA SYSTEM: 21

T I T L E : AIR CONDITIONING - CARGO COMPARTMENT HEATING - INTRODUCE AN IMPROVED TRIM AIR VALVE

#### REASON/DESCRIPTION/OPERATION CONSEQUENCES

The purpose of this Service Bulletin is to enable operators to report the accomplishment to Airbus Industrie and allow updating of the associated Airbus Industrie technical publications.

In-service experience has shown a large number of low-time removals of the trim air valves for incorrect operation at low temperature.

This Service Bulletin deals with the replacement or modification of the trim air valves for the FWD and AFT cargo compartment heating-systems.

#### **EFFECTIVITY**

This Service Bulletin is applicable to these customers:

Modification No. 22782K2729 (FWD)

IBE.

Modification No. 22783K2730 (AFT)

CDN, IBE, ITF, MSR, NWA, XF, XZ.

SERVICE BULLETIN TO BE ACCOMPLISHED PREVIOUSLY OR SIMULTANEOUSLY

None

#### REFERENCES/REPERCUSSIONS

TFU : None OEB : None LIFE LIMIT

: None

LINE MAINTENANCE AFFECTED: No

AOT : None

SIL: None

OTHER: None

SERVICE BULLETIN NO: A320-21-1089

PAGE: 1 of 2



#### NATURE OR WORK

AIRCRAFT: No
EQUIPMENT: Yes
HARD: Yes
SOFT: No
OBRM: No

# COMPLIANCE

**Optional** 

MANPOWER

# Manhours/Aircraft

 Mod. No. 22782
 Mod. No. 22783

 Manhours
 7.0

 ELapsed time (hours)
 5.0

NOTE: Refer also to BAT GmbH Service Bulletin 7530333-21-002.

#### MATERIAL INFORMATION

Refer to BAT GmbH Service Bulletin No. 7530333-21-002.

#### AIRCRAFT DATA

None

#### **EQUIPMENT DATA**

Designation : Trim Air Valve

Supplier : BAT GmbH

Service Bulletin : 7530333-21-002

Part Number Before: 7530333 Amend. A or Amend. B

Part Number After : 600700-00-500

Interchangeability code: 01
Intermixability : Not affected

#### **APPENDICES**

None

DATE: JUL 29/94 REVISION NO:

SERVICE BULLETIN NO: A320-21-1089

PAGE: 2 of 2

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# 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. None	Qty of None	Kits.	Config	No.
CDN 401-405	174,175,210,231,232					
IBE 001-017	134,136,143,146,158,173, 176,177,199,207,223,224, 240,241,246,264,266					
ITF 001-003 005-018	010,012,013 016,033,036,044,004,003, 108,115,130,155,156,184, 214,239	•				
020 023,024 201,202 301,302 401-403	278 236,237 144,145 204,211 215,244,270	•				
MSR 001-005	165,166,178,194,198					•
NWA 301-325	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					
XF 053,054 501-503	428,496 446,422,491					
XZ 001-004 101,102	131,132,189,190 234,235					

NOTE: No Airbus Industrie Kit is required for this modification.

6 DATE: JUL 29/94 REVISION NO:

SERVICE BULLETIN NO: A320-21-1089
PAGE: 1 of 7



### (3) Spares

TRIM AIR VALVE P/N 600700-00-500

#### **B. REASON**

#### (1) History

The purpose of this Service Bulletin is to enable operators to report the accomplishment to the Airbus Industrie and allow updating of the associated Airbus Industrie technical publications.

# (2) Objective/Action

This Service Bulletin deals with the replacement or modification of the trim air valves in the FWD or the AFT cargo compartment heatingsystems.

#### (3) Advantages

The accomplishment of this Service Bulletin will improve the operation of the trim air valves and reduce the number of low-time removals.

(4) Operational/Maintenance Consequences

None

(5) Accomplishment Timescale

In accordance with the operators maintenance planning.

#### C. DESCRIPTION

To accomplish this Service Bulletin it is necessary to:

- (1) Remove the trim air valves 7530333.
- (2) Modify the trim air valves 7530333 in accordance with BAT GmbH Service Bulletin No. 7530333-21-002.
- (3) Install the trim air valves 600700-00-500, modified as per BAT GmbH Service Bulletin No. 7530333-21-002.

#### D. APPROVAL

The design data contained in this Service Bulletin has been approved under the authority of DGAC Design Organisation Approval No. CO1. The 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. CO1, when they are minor.

SERVICE BULLETIN NO: A320-21-1089
PAGE: 2



#### E. MANPOWER

This Service Bulletin is written for an aircraft in a maintenance condition. The manhours/elapsed time estimates do not include the time to prepare for the modification, non-productive elapsed time or administration.

	Manhours/Aircraft		Manhours/Bench
Gain Access	Mod. No. 22782 0.50	Mod. No. 22783 0.50	
Modification	5.00	5.00	Refer to BAT GmbH Service
Test	1.00	1.00	Bulletin No. 7530333-21-002
CLose-Up Total Manhours	0.50 7.00	0.50 7.00	
Elapsed time (hours)	5.00	5.00	

NOTE: The manhours/elapsed time estimates are for one trim air valve only.

#### F. MATERIAL - COST AND AVAILABILITY

#### (1) Material

Terms of procurement are to be negotiated directly with BAT GmbH:

Bavaria Avionik Technologie GmbH Kirchstrasse 20 D-8000 Muenchen 50 Germany Tel. (08381) 46-1

#### G. TOLLING - PRICE AND AVAIABILITY

None

# H. WEIGHT AND BALANCE

Not affected

DATE: JUL 29/94
REVISION NO:

SERVICE BULLETIN NO: A320-21-1089

PAGE: 3

# SERVICE BULLETIN

# J. REFERENCES

Aircraft Maintenance Manual (AMM): 21-43-00, 21-43-51, 21-43-53, 24-00-00,

BAT GmbH Service Bulletin No. 7530333-21-002

# K. PUBLICATIONS AFFECTED

Illustrated Parts Catalog (IPC)): 21-43-02, 21-43-04, 21-43-51, 21-43-53

DATE: JUL 29/94 REVISION NO:

SERVICE BULLETIN NO: A320-21-1089
PAGE: 4

Printed in France



### 2. ACCOMPLISHMENT INSTRUCTIONS

#### A. GENERAL

WARNING: MAKE SURE THAT YOU OBEY ALL THE WARNINGS AND ALL THE CAUTIONS INCLUDED IN THE REFERENCED PROCEDURES.

#### (1) Preparation

- (a) Electrically ground the aircraft (Ref. AMM 24-00-00, P. Block 301).
- (b) Open, safety and tag the applicable circuit breakers (Ref. AMM 21-43-51, P. Block 401 and AMM 21-43-53, P. Block 401).

#### B. MODIFICATION

#### Modification No. 22782K2729 (FWD)

- (1) Get access to the trim air valves (Ref. AMM 21-43-51, P. Block 401).
- (2) Remove the trim air valve (Ref. AMM 21-43-51, P. Block 401).
- (3) Do a modification the trim air valve (Ref. BAT GmbH Service Bulletin No. 7530333-21-002).
- (4) Install the trim air valve (Ref. AMM 21-43-51, P. Block 401).
- (5) Re-identify the trim air valve with the P/N 600700-00-500.

#### Modification No. 22783K2730 (AFT)

- (6) Get access to the trim air valve (Ref. AMM 21-43-53, P. Block 401).
- (7) Remove the trim air valve (Ref. AMM 21-43-53, P. Block 401).
- (8) Do a modification the trim air valve (Ref. BAT GmbH Service Bulletin No. 7530333-21-002).
- (9) Install the trim air valve (Ref. AMM 21-43-53, P. Block 401).
- (10) Re-identify the trim air valve with the P/N 600700-00-500.

DATE: JUL 29/94 REVISION NO:

SERVICE BULLETIN NO: A320-21-1089

PAGE: 5

# SERVICE BULLETIN

# C. TEST

- (1) Remove the tags and close the circuit breakers you opened in Para. 2.A.(1)(b).
- (2) Do an operational test of the cargo heating system (Ref. AMM 21-43-00, P. Block 501).

# D. CLOSE-UP

(1) Make sure the work areas are clean and clear of tools and other items of equipment.

# E. DOCUMENTATION

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

DATE: JUL 29/94 REVISION NO:

SERVICE BULLETIN NO: A320-21-1089
PAGE: 6



# 3. MATERIAL INFORMATION

# A. LIST OF COMPONENTS

No Airbus Industrie Kit is required.

Refer to the BAT GmbH Service Bulletin No. 7530333-21-002.

# B. SPECIAL TOOLS

None

# C. MATERIALS - SUPPLIED BY THE OPERATOR

None

# D. PART TO BE RE-IDENTIFIED BY OPERATOR

Refer to the BAT GmbH Service Bulletin No. 7530333-21-002.

DATE: JUL 29/94 REVISION NO:

SERVICE BULLETIN NO: A320-21-1089
PAGE: 7

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T I T L E : AIR CONDITIONING - CARGO COMPARTMENT HEATING - INTRODUCE AN IMPROVED TRIM AIR VALVE

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 insofar as this sheet is returned to us on purchase date and signed by a duly authorized and empowered officer or representative.

FROM :	Please return	to:
AIRLINE:		AIRBUS INDUSTRIE PRODUCT SUPPORT DIRECTORATE 1 Rond Point Maurice BELLONTE 31707 BLAGNAC CEDEX FRANCE
NAME:		Att.: AI/SP - Technical Publication Department
DATE:		
19		•

DATE: JUL 29/94 REVISION NO:

SERVICE BULLETIN NO: A320-21-1089

PAGE: 1 of 1