AIRBUS INDUSTRIE
PRODUCT SUPPORT DIRECTORATE
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31707 BLAGNAC CEDEX FRANCE
Tel: (33) 61-93-33-33

SERVICE BULLETIN
REVISION TRANSMITTAL SHEET

Telex: AIRBU 530526 F

MODIFICATION NO: 22698K2666

ATA SYSTEM: 21

TITLE : AIR CONDITIONING - PRESSURE CONTROL AND MONITORING - MODIFY OUTFLOW VALVE

10HL

Herewith Revision No. 3 of Service Bulletin A320-21-1049.

NO ADDITIONAL WORK IS REQUIRED BY THIS REVISION.

REASON

This revision has been issued to update the effectivity and the interchangeability code.

SUMMARY

- Page 1 of 2

EFFECTIVITY updated.

- Page 2 of 2

Interchangeability code updated.

SERVICE BULLETIN

- Page 1 of 7

- Page 2

- Page 3

Revision No. updated. EFFECTIVITY updated.

APPROVAL updated.

FILING INSTRUCTIONS

- Replace Summary Pages 1 of 2 and 2 of 2.
- Replace Service Bulletin Pages 1 of 7 thru 3.
- File this Revision Transmittal Sheet in front of this Service Bulletin.

REVISION SEQUENCE

Original: Oct 07/92

Revision No.: 1 - Dec 03/92 Revision No.: 2 - Jan 26/93 Revision No.: 3 - MAR 15/93

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

MODIFICATION NO: 22698K2666 ATA SYSTEM: 21

T I T L E : AIR CONDITIONING - PRESSURE CONTROL AND MONITORING - MODIFY OUTFLOW VALVE

REASON/DESCRIPTION/OPERATIONAL CONSEQUENCES

This Service Bulletin is published to advise all A320 A/C operators of the issue of NORD MICRO Service Bulletin No. 15703-21-003, which introduces a modified outflow valve 10HL. This will prevent possible damage occurring to the slide raft 7503MM during inflation.

EFFECTIVITY

This Service Bulletin is applicable to the following operators:

AAA, ACA, ADR, AFR, AMC, ANA, BAW, BV, CDN, CYP, DLH, FHA, GFA, HP, IAC, IBE, ITF, KAC, MSR, MXA, NWA, OYC, RJA, SAA, SHK, TAR, XP, XR, XZ.

Printed in France

NOTE: This Service Bulletin is not applicable to A/C MSN 182, 195, 336, 338, 346, 347, 356, 357, 359, 360, 365 and subsequent, which have Mod. No. 22370 embodied.

SERVICE BULLETIN/MODIFICATION TO BE ACCOMPLISHED PREVIOUSLY OR SIMULTANEOUSLY

None

REFERENCES/REPERCUSSIONS

Nord Micro Service Bulletin No. 15703-21-003

NATURE OF THE MODIFICATION

AIRCRAFT: No EQUIPMENT: Yes

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COMPLIANCE

Recommended

MANPOWER

Manhours/aircraft

Total manhours:

6.50

Elapsed time (hours):

6.50

MATERIAL INFORMATION

Aircraft Data

None

Equipment Data

Designation

: Outflow valve

Supplier

: Nord-Micro

Service Bulletin No.

: 15703-21-003

P/N Before

: 9023-15703-4

P/N After

: 9023-15703-7

Interchangeability

: 01

Mixability

: Not applicable

APPENDICES

None

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MODIFICATION NO: 22698K2666

ATA SYSTEM: 21

T I T L E : AIR CONDITIONING - PRESSURE CONTROL AND MONITORING - MODIFY OUTFLOW VALVE 10HL

1. PLANNING INFORMATION

A. EFFECTIVITY

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

(2) Aircraft

Customer and Fleet No.	MSN
AAA 001-012	022, 023, 024, 025, 026, 027, 029, 030, 140, 142, 157, 229
ACA 201-230	059, 068, 073, 084, 122, 126, 127, 141, 149, 150, 154, 159, 183, 233, 242, 248, 253, 254, 255, 265, 277, 290, 310, 311, 324, 330, 333, 341, 342, 350
ADR 001-003	043, 113, 114
AFR 001,002	005, 007
AFR 004-008	014, 019, 020, 021, 002
AFR 031-048	061, 062, 063, 100, 101, 102, 128, 129, 133, 186, 187, 188, 226, 227, 228, 285, 286, 287
AMC 001,002	112, 293
ANA 001-012	138, 139, 148, 151, 167, 170, 196, 212, 219, 245, 300, 328
BAW 001-010	006, 008, 011, 017, 018, 039, 042, 103, 109, 120
BV 051,052	185, 191
CDN 401-411	174, 175, 210, 231, 232, 279, 283, 284, 302 305, 309
CYP 001-008	028, 035, 037, 038, 180, 256, 295, 316
DLH 001-031	069, 070, 071, 072, 078, 083, 086, 093, 094, 104, 105, 110, 111, 116, 117, 135, 137, 147, 161, 162, 172, 200, 201, 202, 209, 216, 217, 218, 267, 268, 269
FHA 001 GFA 801-803	332 313, 325, 345

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Customer and Fleet No.	MSN
UD 420-422	052 057 057
HP 620-622	052, 053, 054
HP 624-629 HP 631-637	055, 064, 065, 066, 067, 076 077, 081, 082, 091, 092, 098, 099
	354
HP 639	
IAC 001-012	045, 046, 047, 048, 049, 050, 051, 056, 057,
TAG 04/ 040	058, 074, 075
IAC 014-019	080, 089, 090, 095, 096, 097
IBE 001-021	134, 136, 143, 146, 158, 173, 176, 177, 199,
	207, 223, 224, 240, 241, 246, 264, 266, 274,
**** 004-007	303, 312, 323
ITF 001-003	010, 012, 013
ITF 005-022	016, 033, 036, 044, 004, 003, 108, 115, 130,
TTC 027 02/	155, 156, 184, 214, 239, 258, 278, 337, 352
ITF 023, 024	236, 237
ITF 201, 202	144, 145
ITF 301, 302	204, 211 215, 244, 270
ITF 401-403 KAC 001	181
MSR 001-006	
MXA 001-000	165, 166, 178, 194, 198, 351 252, 259, 260, 261, 275, 276, 296, 320, 321
MXA OUI-UII	353, 361
NUA 701777	031, 032, 034, 040, 041, 060, 106, 107, 118,
NWA 301-337	
	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
oyc 001-006	163, 164, 168, 169, 179, 193
RJA 001-002	087, 088
SAA 001-006	243, 249, 250, 251, 334, 335
SHK 001,002	322, 326
TAR 001-003,007	119, 124, 205, 123
XP 001	085
XP 051-059	203, 220, 221, 222, 294, 299, 301, 348, 349
	344, 362, 363
XR 501-515	225, 230, 238, 247, 257, 271, 280, 291, 292,
	304, 308, 314, 315, 317, 327
XZ 001-004	131, 132, 189, 190
XZ 101-106	234, 235, 288, 289, 331, 343

NOTE: The technical content of this Service Bulletin is embodied by Mod. No. 22370 on A/C MSN 182, 195, 336, 338, 346, 347, 356, 357, 359, 360, 365 and subsequent.

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B. REASON

(1) History

Tests have shown that it is possible for the slide raft 7503MM to catch on the outflow valve 10HL during inflation.

This Service Bulletin is published to advise all A320 A/C operators of the issue of NORD MICRO Service Bulletin No. 15703-21-003.

(2) Objective/Action

To prevent possible damage occurring to the slide raft 7503MM by modifying the forward gate of the outflow valve 10HL.

(3) Advantages

Operational benefits.

(4) Accomplishment Timescale

In accordance with the operator's maintenance planning.

C. DESCRIPTION

Accomplishment of this Service Bulletin consists of:

- (1) Removing the outflow valve 10HL.
- (2) Modifying the outflow valve 10HL as per Vendor Service Bulletin No. 15703-21-003.
- (3) Installing the outflow valve 10HL.

D. APPROVAL

This Service Bulletin relates to the change(s) referenced on page 1 which has (have) been approved by the DGAC.

The technical information contained in this Service Bulletin has been approved under the authority of DGAC Design Organisation Approval No. C 01.

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E. MANPOWER

This Service Bulletin may be accomplished in the following approximate manhours and elapsed time:

Manhours/Aircraft

Gain access	1.00
Modification	3.00
Test	1.00
Close-Up Total manhours	1.50 <u>6.50</u>
Elapsed time (hours)	6.50

NOTE: This Service Bulletin assumes that the aircraft has been placed in a maintenance status. The manhours/elapsed time estimates do not include preparation for the modification, nonproductive elapsed time or administrative functions.

F. MATERIAL - COST AND AVAILABILITY

None

G. TOOLING - PRICE AND AVAILABILITY

None

H. WEIGHT AND BALANCE

None

I. REFERENCES

Aircraft Maintenance Manual (AMM) 12-34-24, 21-31-00, 21-31-51

Nord-Micro Service Bulletin No. 15703-21-003

J. PUBLICATIONS AFFECTED

Illustrated Parts Catalog 21-31-04, 21-31-51

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2. ACCOMPLISHMENT INSTRUCTIONS

A. GENERAL

- (1) Preparation
 - (a) Electrically ground the aircraft (Ref. AMM 12-34-24, P. Block 201).

B. MODIFICATION

- (1) Remove the outflow valve 10HL (Ref. AMM 21-31-51, P. Block 401).
- (2) Do the modification of the outflow valve 10HL (Ref. Vendor Service Bulletin No. 15703-21-003).
- (3) Install the outflow valve 10HL (Ref. AMM 21-31-51, P. Block 401).

C. TEST

- (1) Do an operational test of the pressure control and monitoring system (Ref. AMM 21-31-00, P. Block 501).
- (2) Do an operational test of the manual pressure control and monitoring system (Ref. AMM 21-31-00, P. Block 501).

D. CLOSE-UP

(1) Make sure the working area is 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.

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3. MATERIAL INFORMATION

A. LIST OF COMPONENTS

None

B. SPECIAL TOOLS

None

C. LIST OF MATERIALS - OPERATOR SUPPLIED

None

D. PARTS TO BE RE-IDENTIFIED BY OPERATOR

NEW PART NO.	QTY	DESIGNATION	ITEM	OLD PART NO.	INT
9023-15703-7	1	Outflow valve		9023-15703-4	01

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MODIFICATION NO: 22698K2666

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ATA SYSTEM: 21

T I T L E : AIR CONDITIONING - PRESSURE CONTROL AND MONITORING
- INTRODUCTION OF A MODIFIED OUTFLOW VALVE 10HL

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