AIRBUS INDUSTRIE
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SERVICE BULLETIN
REVISION TRANSMITTAL SHEET

320 25 MIN 1003

Telex: AIRBU 530526 F

MODIFICATION NO: 21951K2123

ATA SYSTEM: 21

TITLE: AIR CONDITIONING - MODIFY THE CABIN PRESSURE CONTROLLER

Herewith Revision No. 1 of Service Bulletin A320-21-1034. NO ADDITIONAL WORK IS REQUIRED BY THIS REVISION.

REASON

This Revision is issued to revise the Para. MATERIAL and to include the CHANGE NOTICE OA.

CHANGES

Summary

- Page 1 of 1

Approval statement revised. EFFECTIVITY updated.

Service Bulletin

- Page 1 of 7

EFFECTIVITY updated.

- Page 2

Para. 1.D. APPROVAL updated. Para. 1.F. MATERIAL updated.

- Page 3

Text shift.

- Page 4 - Pages 5/6, 7

New pages added.

FILING INSTRUCTIONS

- Replace the complete Service Bulletin.
- File this Revision Transmittal Sheet in front of this Service Bulletin.

REVISION SEQUENCE

Original: Apr 11/90

Revision No.: 1 - JUN 14/93

SERVICE BULLETIN NO: A320-21-1034

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SERVICE BULLETIN
REVISION TRANSMITTAL SHEET

1 4 HARS 1994

Tel: (33) 61-93-33-33 Telex: AIRBU 530526 F

MODIFICATION NO: 21951K2123

ATA SYSTEM: 21

Vu Dec de 28/03/34 PK

TITLE: AIR CONDITIONING - MODIFY THE CABIN PRESSURE CONTROLLER

Herewith Revision No. 2 of Service Bulletin A320-21-1034. NO ADDITIONAL WORK IS REQUIRED BY THIS REVISION.

REASON

This Revision is issued to revise the NORD MICRO Service Bulletin number and the pressure controller part number.

CHANGES

Summary

- Page 1 of 1

Service Bulletin number and pressure controller

part number revised.

Service Bulletin

- Page 1 of 7

Revision number added.

- Page 2 and 5/6

Service Bulletin number and pressure controller

part number revised.

FILING INSTRUCTIONS

- Replace the Summary page 1 of 1 and Service Bulletin pages 1 of 7, 2 and 5/6.
- File this Revision Transmittal Sheet in front of this Service Bulletin.

REVISION SEQUENCE

Original: Apr 11/90

Revision No.: 1 - Jun 14/93 Revision No.: 2 - MAR 03/94

SERVICE BULLETIN NO: A320-21-1034

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SERVICE BULLETIN SUMMARY

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

MODIFICATION NO: 21951K2123

ATA SYSTEM: 21

T I T L E : AIR CONDITIONING - MODIFY THE CABIN PRESSURE CONTROLLER

REASON/DESCRIPTION/OPERATIONAL CONSEQUENCES

This Service Bulletin is published to advise operators of the issue of NORD-MICRO Service Bulletin 15702-21-003 which deals with a modification to improve the cabin pressure controller by introducing hardware and software functions to it. This improves pressure scheduling logic for take-off and landing at airfields of high elevation and improves system performance during power transfers. The main purpose of this modification is to improve the CPC behaviour during power transfers, to prevent the 'CAB PR SYS 1 (2) FAULT' message.

EFFECTIVITY

This Service Bulletin is applicable to the following operators:

AAA, ACA, ADR, AFR, BAW, CYP, DLH, HP, IAC, ITF, NWA, XP.

This modification is embodied, prior to delivery, on aircraft MSN 106 and subsequent

NOTE: It is acceptable to operate with a mixed configuration of PRE MOD 9022-15702-6 and POST MOD 9022-15702-7 NORD-MICRO pressure controllers.

COMPLIANCE

Desirable

MANPOWER

Per Pressure Controller

Total Manhours:

3.25

Elapsed Time (hours):

3.25

NOTE: The change of software and the hardware reqork is at NORD-MICRO facilities.

MATERIAL INFORMATION

Refer to NORD-MICRO Service Bulletin No. 15702-21-003.

6 DATE: Apr 11/90

REVISION NO: 2 - MAR 03/94

SERVICE BULLETIN NO: A320-21-1034

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SERVICE BULLETIN

Tel: (33) 61-93-33-33 Telex: AIRBU 530526 F

MODIFICATION NO: 21951K2123

ATA SYSTEM: 21

T I T L E : AIR CONDITIONING - MODIFY THE CABIN PRESSURE CONTROLLER

1. PLANNING INFORMATION

A. EFFECTIVITY

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

(2) Aircraft

Customer and Fleet No.	MSN	Qty of Kits None
AAA 001-008 ACA 201-204 ADR 001	022, 023, 024, 025, 026, 027, 029, 030, 059, 068, 073, 084 043	
AFR 001, 002 004-007	005, 007, 014, 019, 020, 021	
AFR 031-036	061, 062, 063, 100, 101, 102	
BAW 001-008	006, 008, 011, 017, 018, 039, 042, 103	
CYP 001-004	028, 035, 037, 038	
- DLH 001-010	069, 070, 071, 072, 078, 083, 086, 093, 094, 104	
HP 620-622	052, 053, 054, 055, 064, 065, 066, 067, 076,	
624-629 631-637	077, 081, 082, 091, 092, 098, 099	
_IAC 001-010,012	045, 046, 047, 048, 049, 050, 051, 056, 057,	
-0 14-016	058, 075, 080, 089, 090	
/ITF 001-003	010, 012, 013, 016, 033, 036, 044, 004,	
<i>√</i> 005−010	003	
NWA 301-306	031, 032, 034, 040, 041, 060	
∕RJA 001, 002	087, 088	
XP 001	085	

This modification is embodied, prior to delivery, on aircraft MSN 002, 074, 095, 096, 097, 106 and subsequent.

NOTE: It is acceptable to operate with a mixed configuration of PRE MOD 9022-15702-6 and POST MOD 9022-15702-7 NORD-MICRO pressure controllers.

(3) Spares Affected

9022-15702-6 NORD-MICRO Pressure Controller.

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B. REASON

(1) History

This Service Bulletin is published to advise operators of the issue of NORD-MICRO Service Bulletin 15702-21-003. In-service operation has revealed some incidents of incorrect pressure control.

(2) Objective/Action

The NORD-MICRO Service Bulletin deals with a modification to improve the cabin pressure controller by introducing hardware and software functions to it.

(3) Advantages

This improves pressure scheduling logic for take-off and landing at airfields of high elevation and improves system performance during power transfers improving the CPC behaviour in preventing the CAB PR SYS 1 (2) FAULT' message.

(4) Accomplishment Timescale

In accordance with operator's experience.

C. DESCRIPTION

Accomplishment of this Service Bulletin consists of:

- (1) Per AMM 21-31-34, P. Block 401).
 - (a) Removing the cabin pressure controllers.
 - (b) Installing the cabin pressure controllers modified per NORD-MICRO Service Bulletin 15702-21-003.

NOTE: The change of software and the hardware rework is at NORD-MICRO facilities.

(2) Doing a test of the cabin pressure controller (Ref. AMM 21-31-00, P. Block 501).

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

Manhours per controller

	Aircraft	Bench
Gain Access	1.00	
Modification	0.25	Ref. NORD-MICRO
Test	1.00	Service Bulletin No. 15702-21-003
Close-Up Total Manhours	1.00 3.25	
Elapsed Time (hours)	3.25	

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

This Service Bulletin is the subject of an Airbus retrofit campaign. Modification of the part(s)/equipment is at no charge for the operator. For the organisation of this retrofit operators are requested to contact:

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Attn: AI/SE31

G. TOOLING - PRICE AND AVAILABILITY

None

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H. WEIGHT AND BALANCE

None

I. REFERENCES

NORD-MICRO Service Bulletin No. 15702-21-003

Aircraft Maintenance Manual 21-31-00, 21-31-34, 21-34-24

J. PUBLICATIONS AFFECTED

Illustrated Parts Catalog 21-31-08, 21-31-34

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2. ACCOMPLISHMENT INSTRUCTIONS

A. GENERAL

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

B. MODIFICATION

- (1) Remove the cabin pressure controllers (Ref. AMM 21-31-34, P. Block 401).
- (2) Do the modification to the cabin pressure controllers (Ref. NORD-MICRO Service Bulletin 15702-21-003).

NOTE: It is acceptable to operate with a mixed configuration of PRE MOD 9022-15702-6 and POST MOD 9022-15702-7 NORD-MICRO pressure controllers.

NOTE: The change of software and the hardware rework is at NORD-MICRO facilities.

C. TEST

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

D. CLOSE-UP

(1) Make sure that the working area is clean and clear of tools and other items.

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3. MATERIAL INFORMATION

Refer to NORD-MICRO Service Bulletin No. 15702-21-003.

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Tel: (33) 61-93-33-33 Telex: AIRBU 530526 F

MODIFICATION NO: 21951K2123 ATA SYSTEM: 21

T I T L E : AIR-CONDITIONING - MODIFY THE CABIN PRESSURE CONTROLLER

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:
<u>AIRLINE</u> :		AIRBUS INDUSTRIE PRODUCT SUPPORT DIRECTORATE 1 Rond Point Maurice BELLONTE 31707 BLAGNAC CEDEX FRANCE
NAME :		Att.: AI/SP - Technical Publication Department
DATE:		
19		

DATE: Apr 11/90 REVISION NO:

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