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### 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 - PRESSURE CONTROL AND MONITORING - INTRODUCE

IMPROVED CABIN PRESSURE CONTROLLERS 11HL AND 12HL

MODIFICATION No. : 23104K2956

ATA SYSTEM : 21

This page transmits Revision No. 2 of Service Bulletin No. A320-21-1053.

No more work is necessary to do this revision.

REASON

This Revision is issued to update the effectivity and to add an AMM reference.

SUMMARY

Page 1 of 2EFFECTIVITY updated.

REFERENCES TFU: 21.31.51.06 added.

SERVICE BULLETIN

- Page 1 of 9 Effectivity updated.

- Pages 2 and 3 Effectivity updated.

- Page 4 Para 1.D. APPROVAL updated.

- Page 5 Para 1.I. REFERENCES, AMM added.

- Page 7 Para 2.C. TEST, AMM added.

FILING INSTRUCTIONS

Replace Summary Pages 1 of 2 and 2 of 2.

Replace Service Bulletin Pages 1 of 9 thru 9.

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

REVISION SEQUENCES

ORIGINAL : Apr 29/93

6 DATE : Apr 29/93 SERVICE BULLETIN No. : A320 - 21 - 1053

**REVISION No. : 2 - NOV 05/93**PAGE : 1 of 2

### © A320

## SERVICE BULLETIN REVISION TRANSMITTAL SHEET

REVISION No.: 1 - Aug 20/93

REVISION No. : 2 -

DATE : Apr 29/93 SERVICE BULLETIN No. : A320-21-1053

**REVISION No. : 2 - NOV 05/93** 

### **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 - PRESSURE CONTROL AND MONITORING - INTRODUCE

IMPROVED CABIN PRESSURE CONTROLLERS 11HL AND 12HL

MODIFICATION No.: 23104K2956

ATA SYSTEM : 21

#### REASON/DESCRIPTION/OPERATIONAL CONSEQUENCES

Some operators have reported spurious 'CAB PRESS SYST 1 (2) FAULT' warnings on the ECAM during CFDS initiated system test. This Service Bulletin has been issued to advise operators of the issue of NORD-MICRO Service Bulletin No. 15702-21-004 introducing improved cabin pressure controllers 11HL and 12HL. The modified pressure controllers incorporate improved hardware (LFES interface) and improved software functions which inhibit the spurious warnings.

#### **EFFECTIVITY**

This Service Bulletin is applicable to these customer(s): AAA, ACA, ADR, AFR, AIB, ALK, AMC, ANA, BAW, BV, CDN, CYP, DLH, FHA, GFA, HP, IAC, IBE, ITF, KAC, MSR, MXA, NWA, OYC, RJA, SAA, SHK, TAR, XF, XP, XR, XW, XZ.

This modification is embodied, before delivery, on aircraft MSN 413 and subsequent.

SERVICE BULLETIN(S) TO BE ACCOMPLISHED PREVIOUSLY OR SIMULTANEOUSLY

None

#### REFERENCES/REPERCUSSIONS

TFU

**21.31.34.05/21.31.34.06/21.31.34.07/21.31.51.06** 

0EB

: None

AOT

: None

SIL

: None

LIFE LIMIT

: None

LINE MAINTENANCE AFFECTED : None

DATE : Apr 29/93

SERVICE BULLETIN No. : A320-21-1053

**REVISION No. : 2 - NOV 05/93** 

PAGE: 1 of 2

### SUMMARY

**OTHER** 

: NORD-MICRO Service Bulletin NO. 15702-21-004

NATURE OF THE WORK

AIRCRAFT :

NO

EQUIPMENT :

YES

HARD:

YES

SOFT:

YES

OBRM :

NO

COMPLIANCE

**Optional** 

**MANPOWER** 

TOTAL MANHOURS

3.0

ELAPSED TIME (HOURS)

3.0

MATERIAL INFORMATION

AIRCRAFT DATA

None

**EQUIPMENT DATA** 

Designation: Pressure controller

Supplier : Nord-Micro

Service Bulletin No.: 15702-21-004

Old Part Number : 9022-15702-7

New Part Number : 9022-15702-8

Interchangeability code: 02

Mixability: Yes

**APPENDICES** 

None

DATE : Apr 29/93 SERVICE BULLETIN No.: A320-21-1053

**REVISION No. : 2 - NOV 05/93** 

PAGE: 2 of 2

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TITLE : AIR CONDITIONING - PRESSURE CONTROL AND MONITORING - INTRODUCE

IMPROVED CABIN PRESSURE CONTROLLERS 11HL AND 12HL

MODIFICATION No.: 23104K2956 ATA SYSTEM: 21

#### 1. PLANNING INFORMATION

#### A. EFFECTIVITY

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

#### (2) Aircraft

	omer and t No.	MSN	Kit No. 211053 AOO	Qty of Kit NONE	Config. No. NONE
AAA	001-012	022,023,024,025,026,027,			
	204 277	029,030,140,142,157,229			
ACA	201-233	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,			
		359,378,384			
ADR	001-003	043,113,114			
AFR	001, 002	005,007			
	004-008	014,019,020,021,002			
	031-048	061,062,063,100,101,102,			
		128,129,133,186,187,188,			
		<b>226,227,228,285,286,28</b> 7			
AIB	001	<b>2</b> 58			
	051, 052	348,379			
ALK	001, 002	374,406			
AMC	001, 002	112,293			
ANA	001-014	138,139,148,151,167,170,			
		196,212,219,245,300,328,			
		365,383			
BAW	001-010	006,008,011,017,018,039,			
		042,103,109,120			

6 DATE : Apr 29/93

SERVICE BULLETIN No. : A320-21-1053

**REVISION No. : 2 - NOV 05/93** 

PAGE : 1 of 9

### © A320

### SERVICE BULLETIN

Customer and Fleet No.		MSN	Kit No. 211053 AOO	Qty of Kit NONE	Config. No. NONE
BV	051, 052	185,191			
CDN	401-405,	232, 231, 210, 271, 174			
	407-411	283,284,302,305,309			
	415-416,	403,404			
CYP	001-008	028,035,037,038,180,256,			
		295,316			
DLH	001-010	069,070,071,072,078,083,			
		086,093,094,104,			
	012-034	110,111,116,117,135,137,			
		147,161,162,172,200,201,			
		202,209,216,217,218,267,			
		268,269,346,382,401			
FHA	001, 002	332,369			
GFA	801-804	313,325,345,375			
HP	620-622	052,053,054			
	624-629	055,064,065,066,067,076			
	631-637	077,081,082,091,092,098,			
		099			
IAC	001-012	045,046,047,048,049,050,			
		051,056,057,058,074,075			
	014-021	080,089,090,095,096,097,			
		396,398			
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			
	020-025	,184,156,155,051,111,108			
		214,239,278,337,352,			
		236,237,377			
	201, 202	144,145,			
	301, 302	204,211,			
	401-403	215,244,270			
KAC	001-003	181,182,195			
MSR	001-007	165,166,178,194,198,351, 366			
MXA	001-015	252,259,260,261,275,276,			
LIVI	עוט זטט	296,320,321,353,361,368,			
		376,386,405			
		J10,30,0,403			

DATE : Apr 29/93

SERVICE BULLETIN No. : A320-21-1053

**REVISION No. : 2 - NOV 05/93** 

Customer and Fleet No.			MSN	Kit No. 211053 A00	Qty of Kit NONE	Config. No. NONE
•	NWA	301-348	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,			
	OYC	001-006	163,164,168,169,179,193			
,	RJA	001, 002	087,088			
	SAA	001-006	243,249,250,251,334,335,			
	SHK	001-003	322,326,344			
	TAR	001-007	119,124,205,370,390,402,			
			123,			
	XF	001, 002	393,394			
		504-506	371,397,409			
		551	279			
	ΧP	001	085			
		051-057	203,220,221,222,294,299,			
		059	301,349			
		061-063	389,391,392			
		502-503	362,363			
	XR	501-517	225,230,238,247,257,271,			
			280,291,292,304,308,314,			
			315,317,327,336,338			
	XW	501-505	347,354,357,373,411			
	XZ	001-004	131,132,189,190			
		101-108	234,235,288,289,331,343,			
			395,407			

This modification is embodied, before delivery, on aircraft MSN 413 and subsequent.

#### (3) Spares

None

DATE : Apr 29/93 SERVICE BULLETIN No. : A320 - 21 - 1053

**REVISION No. : 2 - NOV 05/93** 

#### B. REASON

(1) History

Some operator's have reported spurious 'CAB PRESS SYST 1 (2) FAULT' warnings on the ECAM during CFDS initiated system test.

(2) Objective/Action

To advise operators of the issue of NORD-MICRO Service Bulletin No. 15702-21-004 introducing improved cabin pressure controllers 11HL and 12HL

(3) Advantages

Spurious warnings inhibited.

(4) Operational/Maintenance Consequences

None

(5) Accomplishment Timescale

In accordance with the operator's maintenance planning.

#### C. <u>DESCRIPTION</u>

To accomplish this Service Bulletin it is necessary to:

- (1) Remove the cabin pressure controllers 11HL and 12HL (NORD-MICRO P/N 9022-15702-7).
- (2) Modify the pressure controllers as per NORD-MICRO Service Bulletin No. 15702-21-004.
- (3) Install the modified cabin pressure controllers 11HL and 12HL (NORD-MICRO P/N 9022-15702-8).

#### D. APPROVAL

The design data contained in this Service Bulletin has been approved under the authority of DGAC Design Orginisation Approval 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 Orginisation Approval CO1, when they are minor.

DATE: Apr 29/93 SERVICE BULLETIN No.: A320-21-1053

**REVISION No. : 2 - NOV 05/93** 

#### 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 times or administration.

 Gain access
 0.50

 Modification
 2.00

 Test
 0.00

 Close-up
 0.50

 TOTAL MANHOURS
 3.00

 ELAPSED TIME (HOURS)
 3.00

#### F. MATERIAL - COST AND AVAILABILITY

For material cost and availability, refer to NORD-MICRO Service Bulletin No. 15702-21-004.

#### G. TOOLING - PRICE AND AVAILABILITY

None

#### H. WEIGHT AND BALANCE

None

#### I. REFERENCES

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

NORD-MICRO Service Bulletin (SB) : 15702-21-004

J. PUBLICATIONS AFFECTED

Illustrated Parts Catalog (IPC) : 21-31-08, 21-31-34

DATE : Apr 29/93 SERVICE BULLETIN No. : A320-21-1053

**REVISION No. : 2 - NOV 05/93**PAGE : 5



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DATE : Apr 29/93

SERVICE BULLETIN No. : A320-21-1053

**REVISION No. : 1 -** AUG 20/93

## A320 SERVICE BULLETIN

#### 2. ACCOMPLISHMENT INSTRUCTIONS

#### A. GENERAL

- (1) Preparation
  - (a) Electrically ground the aircraft (Refer to AMM 12-34-24, P. Block 201)
- (2) Standard Practices

None

#### B. MODIFICATION

- (1) Remove the cabin pressure controllers 11HL and 12HL (Refer to AMM 21-31-34, P. Block 401).
- (2) Do the modification of the cabin pressure controllers 11HL and 12HL as detailed in the NORD-MICRO Service Bulletin No. 15702-21-004.
- (3) Install the cabin pressure controllers 11HL and 12H L(Refer to AMM 21-31-34, P. Block 401).

#### C. TEST

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

#### D. CLOSE-UP

(1) Make certain that the work areas are clean and clear of tools and miscellaneous items of equipment.

#### E. DOCUMENTATION

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

DATE : Apr 29/93 SERVICE BULLETIN No. : A320 - 21 - 1053

**REVISION No. : 2 - NOV 05/93** 



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DATE : Apr 29/93

SERVICE BULLETIN No. : A320-21-1053

REVISION No. : 1 - AUG 20/93

#### 3. MATERIAL INFORMATION

Refer to the NORD-MICRO Service Bulletin No. 15702-21-004.

DATE : Apr 29/93

SERVICE BULLETIN No.: A320-21-1053

**REVISION No. : 1 -** AUG 20/93

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TITLE : AIR CONDITIONING - PRESSURE CONTROL AND MONITORING - INTRODUCE IMPROVED CABIN PRESSURE CONTROLLERS 11HL AND 12HL

MODIFICATION No. 23104K2956

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

6 DATE : APR 29/93

SERVICE BULLETIN No.: A320-21-1053

REVISION No. : -

PAGE: 1 of 1