A 3 19/A 3 2 0/A 3 2 1

SERVICE BULLETIN REVISION TRANSMITTAL SHEET

AIRBUS INDUSTRIE

CUSTOMER SERVICES DIRECTORATE

1 Rond Point Maurice Bellonte

31707 BLAGNAC CEDEX FRANCE

Tel : (33) 5 61-93-33-33

Telex : AIRBU 530526F FAX : (33) 5 61-93-41-06

TITLE : AIR CONDITIONING - PACK TEMPERATURE CONTROL - MODIFY PACK TEMPERATURE

CONTROLLERS 7HH AND 27HH

MODIFICATION No.: 24094K3554

ATA SYSTEM: 21

This page transmits Revision No. 03 of Service Bulletin No. A320-21-1082.

ADDITIONAL WORK

No more work is necessary to do this revision.

REASON

This Revision has been issued primarily to introduce new worksteps to the modification. The new worksteps allow for better access to the modification area and have been suggested by a customer who had accomplished this Service Bulletin.

CHANGES

SUMMARY

Para. - EFFECTIVITY

TAI added.

Para. - REFERENCES/REPERCUSSIONS

OIT reference number added.

Para. - MANPOWER

Times updated.

Para. - MATERIAL INFORMATION

Kit and interchangeability information added.

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REVISION No.: 03 - May 16/97 PAGE: 1 of 3

Printed in France

SERVICE BULLETIN

REVISION TRANSMITTAL SHEET

Summary Figures

3 Figures added. Component location, a post mod wiring diagram for the kit AO1 and information related to the interchangeability of the pack controllers and sensor to pack intermixability.

SERVICE BULLETIN

Para. - 1.A.(2) EFFECTIVITY

Effectivity and text updated.

Para. - 1.C.DESCRIPTION

Information added.

Para - 1_E_ MANPOWER

Times updated.

Para. - 1.I. REFERENCES

Information added.

Para. - 1.J.PUBLICATIONS AFFECTED

References added.

Para. - 2.A.(1) Preparation

Workstep added.

Para. - 2.B.MODIFICATION

Worksteps and a new figure to show the Flow Sensor 9HB and 10HB, locations added.

Para. - 2.C.TESTS

Worksteps added.

Para. - 3.C.LIST OF MATERIAL - OPERATOR SUPPLIED

Material added.

Layout changes due to computerization of this revision are not identified.

FILING INSTRUCTIONS

This Service Bulletin has been generated electronically and is reissued as a complete document. Replace the complete document.

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SERVICE BULLETIN REVISION TRANSMITTAL SHEET

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

HISTORY OF PREVIOUS REVISIONS

Revision 01 was issued to introduce a note and to revise the effectivity of this Service Bulletin.

Revision 02 was issued to introduce kit A01 and a workstep to the Service Bulletin.

REVISION SEQUENCES

ORIGINAL: Feb 04/94

REVISION No.: 01 - Mar 07/94 REVISION No.: 02 - Jun 29/94 REVISION No.: 03 - May 16/97

DATE : Feb 04/94 SERVICE BULLETIN No. : A320-21-1082

SERVICE BULLETIN SUMMARY

AIRBUS INDUSTRIE CUSTOMER SERVICES DIRECTORATE 1 Rond Point Maurice Bellonte 31707 BLAGNAC CEDEX FRANCE

Tel : (33) 5 61-93-33-33

Telex: AIRBU 530526F

FAX : (33) 5 61-93-41-06

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

TITLE : AIR CONDITIONING - PACK TEMPERATURE CONTROL - MODIFY PACK TEMPERATURE

CONTROLLERS 7HH AND 27HH

MODIFICATION No.: 24094K3554 ATA SYSTEM: 21

REASON/DESCRIPTION/OPERATIONAL CONSEQUENCES

This Service Bulletin is issued to advise operators of the issue of LIEBHERR / ABG-SEMCA Service Bulletin No. 759A-21-06. The Service Bulletin deals with a modification that covers the introduction of software changes to:

- Change the Ram-Air Inlet-Actuator control-logic during temperature control phases. This reduces the stress on the Air Cycle Machine fan.
- Define a common Pack Temperature Controller standard for use with the two different flow sensors.
- Reduce the stress of the Ram Air Door potentiometers.
- Stop unjustified failure detections on the Ram Air Door, Bypass Valve and Flow Control Valve.
- improve the ECAM flow indication to prevent unjustified removal of the Flow Control Valve and Flow Sensor.

This modification improves the function and reliability of the A320 Pack Temperature Controllers, Pack Components, Flow Control Valve and Ram Door Actuators.

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,MON,MSR,MXA,NWA,OYC,RJA,SAA,SHK,TAI,TAR,UAL,XF,XP,XR,XW,XZ.

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SERVICE BULLETIN SUMMARY

SERVICE BULLETIN(S) TO BE ACCOMPLISHED PREVIOUSLY OR SIMULTANEOUSLY

None

REFERENCES/REPERCUSSIONS

TFU

: 215221007, 215134002, 216000004, 216153002,

216150001.

0EB

: None

AOT

: None

SIL

: None

LIFE LIMIT

: None

LINE MAINTENANCE AFFECTED : None

OTHER

: OIT: AI-SE-E2/999.0048 DTD 25.05.94

NATURE OF THE WORK

AIRCRAFT :

YES - (ONLY IF KIT 211082A01 IS REQUIRED)

EQUIPMENT:

YES

HARD:

NO

SOFT:

YES

OBRM :

NO

COMPLIANCE

Optional

MANPOWER

The manhours are calculated for the removal, installation and test of one pack temperature controller. The manhours for the modification of the pack temperature controllers are given in the LIEBHERR / ABG-SEMCA Service Bulletin No. 759A-21-06.

TOTAL MANHOURS

8.5

ELAPSED TIME (HOURS)

5.5

DATE : Feb 04/94

SERVICE BULLETIN No. : A320 - 21 - 1082

REVISION No.: 03 - May 16/97

SERVICE BULLETIN SUMMARY

MATERIAL INFORMATION

AIRCRAFT DATA

Kit No. 211082A01

1 Electrical bundle, cable ties.

EQUIPMENT DATA

Designation: Pack Temperature Controller

Supplier: LIEBHERR AERO TECHNIK GmbH

Service Bulletin No.: 759A-21-06

Old Part Number: 759A0000-08

New Part Number : 759A0000-10

Interchangeability code: 3

Mixability: Yes

NOTE:

The Pack Temperature Controller, 759A0000-08, used with the Sensor, 9HB and 10HB, 768A0000-03, can be replaced by the Pack Temperature Controller 759A0000-10 when the pin B7C of the Pack Temperature Controller is connected to the electrical ground at the connectors 7HH-A and 27HH-A.

For more information, refer to the table shown after the Summary figures.

Designation: Pack Temperature Controller

Supplier: LIEBHERR AERO TECHNIK GmbH

Service Bulletin No.: 759A-21-06

Old Part Number : 759A0000-09

New Part Number : 759A0000-10

Interchangeability code : 2

Mixability: Yes

NOTE: For more information, refer to the table shown after the

Summary figures.

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SERVICE BULLETIN
SUMMARY

APPENDICES

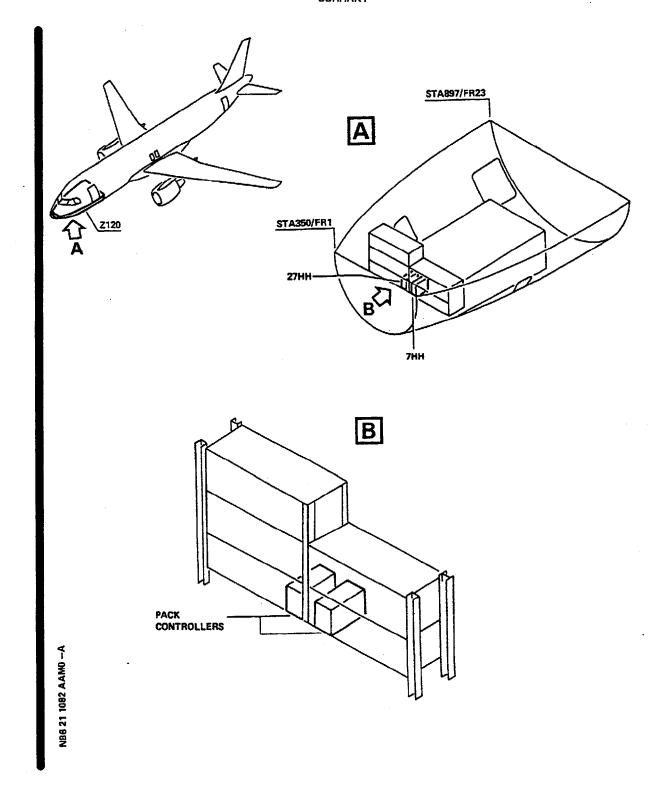
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SERVICE BULLETIN SUMMARY



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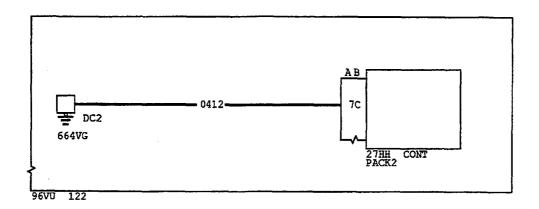
SERVICE BULLETIN No.: A320-21-1082

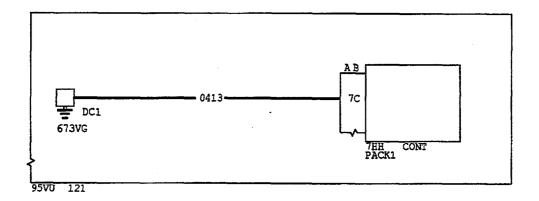
REVISION No.: 03 - May 16/97

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SERVICE BULLETIN
SUMMARY

AFTER





NEW WIRE

NOTE : UNLESS OTHERWISE SPECIFIED PREFIX ALL WIRE IDENTIFICATION WITH ATA2161 UNLESS OTHERWISE SPECIFIED ALL WIRES ARE CF22 GAUGE

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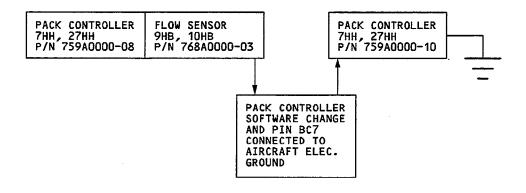
SERVICE BULLETIN No.: A320-21-1082

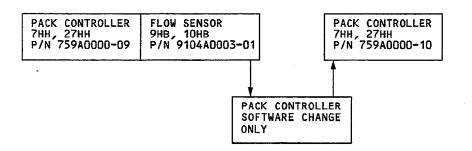
REVISION No. : 03 - May 16/97

SERVICE BULLETIN SUMMARY

	PACK CON	TROLLERS INTERCHA	NGEABILITY	
	PC-08	PC-09	PC-10 (GROUND)	PC-10 (NO GROUND)
PC-08	YES	NO	YES	NO
PC-09	NO	YES	NO	YES
PC-10 (GROUND)	YES	NO	YES	YES
PC-10 (NO GROUND)	NO	YES	YES	YES

	PRESSURE SENSO	R/PACK CONTROLLER I	NTERMIXABILITY	
	PC-08	PC-09	PC-10 (GROUND)	PC-10 (NO GROUND)
768A0000-03	YES	NO -	YES	NO
9104A0003-01	NO	YES	NO	YES





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NB6 21 1082 ASMA-A

SERVICE BULLETIN No.: A320-21-1082

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SERVICE BULLETIN

AIRBUS INDUSTRIE

CUSTOMER SERVICES DIRECTORATE

1 Rond Point Maurice Bellonte

31707 BLAGNAC CEDEX FRANCE

: (33) 5 61-93-33-33

: AIRBU 530526F Telex FAX

: (33) 5 61-93-41-06

TITLE : AIR CONDITIONING - PACK TEMPERATURE CONTROL - MODIFY PACK TEMPERATURE

CONTROLLERS 7HH AND 27HH

MODIFICATION No.: 24094K3554

ATA SYSTEM: 21

1. PLANNING INFORMATION

A. EFFECTIVITY

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

(2) Aircraft

	omer and t No.	MSN	Kits 211082	Qty of Kits	Config. No.
AAA	001-012	022,023,024,025,026,027, 029,030,140,142,157,229	A01	12	
ACA	201–224	059,068,073,084,122,126, 127,141,149,150,154,159, 183,233,242,248,253,254, 255,265,277,290,310,311	AO1	24	
	225-234	324,330,333,341,342,350, 359,378,384,426	NONE		
ADR	001-003	043,113,114	A01	3	
AFR	001,002 004-008 031-048	005,007 014,019,020,021,002 061,062,063,100,101,102, 128,129,133,186,187,188, 226,227,228,285,286,287 131,132	A01	27	
AIB	001	258	A01	1	

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SERVICE BULLETIN

Customer and Fleet No.		MSN	Kits 211082	Qty of Kits	Config. No.
	401,402	376,386	NONE		
ALK	001,002	374,406	NONE		
AMC	001,002	112,293	A01	2	
ANA	001-011	138,139,148,151,167,170, 196,212,219,245,300	A01	11	
	012-016	328,365,383,413,482	NONE		
BAW	001-010	006,008,011,017,018,039, 042,103,109,120	AO1	10	
BV	051,052	185,191	AO1	2	
CDN	401–405 407–411	174,175,210,231,232 283,284,302,305,309	AO1	10	
	415,416	403,404	NONE		
CYP	001-008	028,035,037,038,180,256, 295,316	AO1	8	
DLH	001-010	069,070,071,072,078,083, 086,093,094,104	AO1	30	
	012-031	110,111,116,117,135,137, 147,161,162,172,200,201, 202,209,216,217,218,267, 268,269			
•	032-034	346,382,401	NONE		
FHA	001,002	332,369	NONE		
GFA	801	313	AO1	1	
	802-811	325,345,375,419,421,438, 445,459,466,481	NONE		
HP	620-622	052,053,054	AO1	16	

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SERVICE BULLETIN

Customer and Fleet No.		MSN	Kits 211082	Qty of Kits	Config. No.
	624-629 631-637	055,064,065,066,067,076 077,081,082,091,092,098, 099			
IAC	001-012 014-019	045,046,047,048,049,050, 051,056,057,058,074,075 080,089,090,095,096,097	A01	18	
	020-027	396,398,416,423,431,432, 451,469	NONE		
IBE	001-020	134,136,143,146,158,173, 176,177,199,207,223,224, 240,241,246,264,266,274, 303,312	A01	20	
	021,022	323,356	NONE		
ITF	001-003 005-018	010,012,013 016,033,036,044,004,003, 108,115,130,155,156,184, 214,239 278	A01	18	
	021,022	337,352	NONE		
	023,024	236,237	AD1	2	
	025	377	NONE		
-	201,202 301,302 401-403	144,145 204,211 215,244,270	A01	7	
KAC	001-003	181,182,195	A01	3	
MON	001,002	379,389	NONE		
MSR	001-005	165,166,178,194,198	A01	5	
	006,007	351,366	NONE		

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	comer and et No.	MSN	Kits 211082	Qty of Kits	Config. No.
MXA	001-007	252,259,260,261,275,276, 296	A01	7	
	008-010 012 016	320,321,353 368 433	NONE		
NWA	301-332	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	A01	32	
	333-350	329,339,340,355,358,360, 367,372,380,381,387,388, 399,400,408,410,417,418	NONE		
OYC	001-006	163,164,168,169,179,193	A01	6	
RJA	001,002	087,088	A01	2	
SAA	001-004	243,249,250,251	A01	4	
	005-007	334,335,440	NONE		
SHK	001-003	322,326,344	NONE		
TAI	051-054	448,453,460,461	NONE		
TAR	001-003	119,124,205	A01	3	
	004-006	370,390,402	NONE		
	007	123	A01	1	
UAL	401-416	435,439,442,450,452,454, 456,457,462,463,464,465, 470,472,475,479	NONE		

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SERVICE BULLETIN

		omer and t No.	MSN	Kits 211082	Qty of Kits	Config. No.
l	XF	001-009	393,394,414,430,443,447 415,405,361	NONE		
		053	428			
•		101	425			
		501-502	446,422			
		504-507	371,397,409,427			
		551	279	A01	1	
	ΧP	001	085	A01	8	
		051-057	203,220,221,222,294,299,			
			301			
		058, 059	348,349	NONE		
		062, 063	391,392	NONE		
		502, 503	362,363			
		504, 505	455,471			
	XR	501-514	225,230,238,247,257,271,	A01	14	
			280,291,292,304,308,314, 315,317			
		515-525	327,336,338,429,444,449,	NONE		
		313 323	467,476,478,480,437			
_	XW	501-506	347,354,357,373,411,424	NONE		
		509	441			
	XZ	003,004	189,190	A01	6	
		101-104	234,235,288,289			
-		105-110	331,343,395,407,420,436	NONE		

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SERVICE BULLETIN

This modification is embodied before delivery on aircraft MSN 483 and subsequent. The Kit AO1 is only required if you have the combination of the new Pack Temperature Controller, 7HH and 27HH, P/N 759AO000-10 and a Flow Sensor, 9HB and 10HB, P/N 768AO000-03 (refer to the LIEBHERR / ABG-SEMCA Service Bulletin No. 759A-21-06).

If any other type of flow sensor is subsequently installed this ground connection must be removed.

(3) Spares

Refer to LIEBHERR / ABG-SEMCA Service Bulletin No. 759A-21-06.

B. REASON

(1) History

This Service Bulletin is issued to advise operators of the issue of LIEBHERR / ABG-SEMCA Service Bulletin No. 759A-21-06.

(2) Objective/Action

The LIEBHERR / ABG-SEMCA Service Bulletin deals with a modification of the pack temperature controllers that covers the introduction of software changes to:

- Change to change the Ram-Air Inlet-Actuator control-logic during temperature control phases. This reduces the stress on the Air Cycle Machine fan.
- Define a common pack temperature controller standard for use with the two different flow sensors.
- Reduce the stress of the Ram Air Door potentiometers.
- Stop unjustified failure detections on the Ram Air Door, Bypass Valve and Flow Control Valve.
- Improve the ECAM flow indication to prevent unjustified removal of the Flow Control Valve and Flow Sensor

(3) Advantages

These modifications improve the function and reliability of the A32O Pack Temperature Controllers, Pack Components, Flow Control Valve and Ram Door Actuators.

(4) Operational/Maintenance Consequences

None

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SERVICE BULLETIN

(5) Accomplishment Timescale

In accordance with the operator's experience.

C. DESCRIPTION

To accomplish this Service Bulletin it is necessary to :

(1) Applicable to all aircraft.

- (a) Remove the pack temperature controllers 7HH and 27HH.
- (b) Do the modification to the pack temperature controllers 7HH and 27HH as given in Liebherr/ABG-Semca Service Bulletin No. 759A-21-06.
- NOTE: The Pack Temperature Controller 759A0000-08 used with the Sensor 768A0000-03 can be replaced by the Pack Temperature Controller 759A0000-10 when the pin BC7 of the Pack Temperature Controller is connected to the aircraft electrical ground at the connectors 7HH-A and 27HH-A.
 - (c) If you will not do the worksteps related to Kit AO1 (Refer to Paragraph 1.C.(2)), install the modified pack temperature controllers 7HH and 27HH. (Refer to AMM 21-61-34, P. Block 4O1).
- NOTE: Do the subsequent worksteps only if you installed a new Pack Temperature Controller 759A0000-10 and a Sensor 768A0000-03 was previously installed. Refer to Liebherr/ABG-Semca Service Bulletin No. 759A-21-06.

(2) Kit No. 211082A01

(a) Do the modification to the wiring in electronics rack 95VU and 96VU.

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.

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.

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The manhours are calculated for the removal, installation and test of one pack temperature controller and installation of electrical harness kit. The manhours for the modification of the pack temperature controllers are given in the LIEBHERR/ABG-SEMCA Service Bulletin No. 759A-21-06.

Gain access	1.0
Removal/Installation	0.50
Modification	1.0
Test	5.0
Close-up	1.0
TOTAL MANHOURS	8.5
ELAPSED TIME (HOURS)	5.5

F. MATERIAL - COST AND AVAILABILITY

Terms of procurement are to be negotiated directly with Liebherr-Aero-Technik GmbH as per LIEBHERR / ABG-SEMCA Service Bulletin No. 759A-21-06

G. TOOLING - PRICE AND AVAILABILITY

None

H. WEIGHT AND BALANCE

Not affected

I. REFERENCES

Aircraft	Maintenance	Manual	(AMM)	12-34-24, 21-31-34, 22-97-00, 34-36-00,	21-61-00, 24-22-33,	21-61-34, 24-41-00,
_				36-11-34	J4 J0 J1,	30 11 00,

LIEBHERR / ABG-SEMCA Service Bulletin (SB): 759A-21-06

AI OPERATOR INFORMATION TELEX : AI-SE-E2/999.0048 DTD 25.05.94

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SERVICE BULLETIN

J. PUBLICATIONS AFFECTED

Illustrated Parts Catalog (IPC) : 21-61-08, 21-61-34

Aircraft Schematic Manual (ASM)

: 21-61-00

Aircraft Wiring List (AWL)

: 21-61-00

Aircraft Wiring Manual (AWM)

: 21-61-00

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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 (Refer to AMM 12-34-24, P. Block 201)
- (b) Make sure that the aircraft is in a maintenance condition (Refer to AMM OO-INTRO, P. Block OO1).
- (c) Put an access platform in position at a passenger/crew door.
- (d) Open the passenger/crew door. (Refer to AMM 52-10-00, P. Block 201).
- (e) Get access to the work area.
- (f) Open, safety and tag the applicable circuit breakers (Refer to AMM 21-61-34, P. Block 401).

(2) Standard Practices

- (a) Put blanking caps on the disconnected line ends.
- (b) After the installation and connection of electrical harnesses or single wires do a continuity test.

B. MODIFICATION

(1) Applicable to all aircraft.

Refer to Figure 1 and 2.

- (a) Remove the pack temperature controllers 7HH and 27HH. (Refer to AMM 21-61-34, P. Block 401).
- (b) Do the modification to the pack temperature controllers 7HH and 27HH as given in Liebherr/ABG-Semca Service Bulletin No. 759A-21-06.
- NOTE: The Pack Temperature Controller 759A0000-08 used with the Sensor 768A0000-03 can be replaced by the Pack Temperature Controller 759A0000-10 when the pin BC7 of the Pack Temperature Controller is connected to the aircraft electrical ground at the connectors 7HH-A and 27HH-A.

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SERVICE BULLETIN

(c) If you will not do the worksteps related to Kit AO1 (Refer to Paragraph 2.B.(2)), install the modified pack temperature controllers 7HH and 27HH. (Refer to AMM 21-61-34, P. Block 4O1).

NOTE: Do the subsequent worksteps only if you installed a new Pack Temperature Controller 759A0000-10 and a Sensor 768A0000-03 was previously installed. Refer to Liebherr/ABG-Semca Service Bulletin No. 759A-21-06.

(2) Applicable to Kit No. 211082A01.

Refer to the wiring diagram Figure 3 and the Hook-Up Chart Figure 4.

- (a) Do the modification to the wiring in electronics rack 95VU and 96VU.
 - 1 To get access to the modification area remove and store items of equipment from the electronics rack 95VU and 96VU.
 - <u>a</u> If necessary (Refer to Paragraph 2.B.(1)(c)), remove and temporarily store the Pack Temperature Controllers 7HH and 27HH (Refer to AMM 21-61-34, P. Block 401).
 - <u>b</u> Remove and temporarily store the Cabin Pressure Controllers 11HL and 12HL (Refer to AMM 21-31-34, P. Block 401).
 - Remove and temporarily store the Bleed Monitoring Controllers 1HA1 and 1HA2 (Refer to AMM 36-11-34, P. Block 401).
 - <u>d</u> Remove and temporarily store the Electrical Generation Interface Units 22XU1 and 22XU2 (Refer to AMM 24-22-33, P. Block 401).
 - <u>e</u> Remove and temporarily store the Instrument Landing System (Refer to AMM 34-36-31, P. Block 401).
 - <u>2</u> Disconnect the shelves cut-off connectors and install protective caps.
 - 3 Disconnect bonding strap and retain hardware.
 - 4 Remove the shelves from the aircraft and retain the attachment hardware.

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<u>5</u> Do the routing of the wires shown on lines 1 and 2 of the Hook-up Chart, Figure 4 and supplied in:

1 electrical kit

D9000095012395 Item 1

6 Install the wires with:

- cable ties

NSA935401-05

Item 2

- 7 Cut the wires to length, crimp the terminals and connect as given in the Hook-up Chart, Figure 4.
- 8 Install the shelves removed for access with the retained attachment hardware, Refer to Paragraph 2.B.(2)(a)4.
- 9 Do the electrical bonding with pure mineral Vaseline or petroleum (Mat. No. 04-012) and epoxy varnish w/catalyst, clear (Mat. No. 07-001), (Refer to AMM 20-28-00, P. Block 201).
- 10 Install the equipment that you removed to get access to the modification area, Refer to Paragraph 2.B.(2)(a)1.
 - <u>a</u> Install the Pack Temperature Controllers 7HH and 27HH (Refer to AMM 21-61-34, P. Block 401).
 - b Install the Cabin Pressure Controllers 11HL and 12HL (Refer to AMM 21-31-34, P. Block 401).
 - <u>c</u> Install the Bleed Monitoring Controllers 1HA1 and 1HA2 (Refer to AMM 36-11-34, P. Block 401).
 - d Install the Electrical Generation Interface Units 22XU1 and 22XU2 (Refer to AMM 24-22-33, P. Block 401).
 - e Install the Instrument Landing System (Refer to AMM 34-36-31, P. Block 401).
- 11 Connect the shelf cut-off connectors.

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C. TESTS

- (1) Remove the safety clips and tags and close the circuit breakers opened in Refer to Paragraph 2.A.(1)(f), (Refer to AMM 21-61-34, P. Block 401)
- (2) Do an operational test of the pack temperature control. (Refer to AMM 21-61-00, P. Block 501)
- (3) Do an operational test of the pressure control and monitoring (Refer to AMM 21-31-00, P. Block 501)
- (4) Do the BITE test of the ILS (Refer to AMM 34-36-00, P. Block 501)

NOTE: If the aircraft is operated in actual CAT 3 conditions, you must also do the Land CAT III capability test (Refer to AMM 22-97-00, P. Block 501).

- (5) Do an operational test of the BMC (Refer to AMM 36-11-00, P. Block 501).
- (6) Do an operational test of the EGIU (Refer to AMM 24-22-33, P. Block 401).

D. CLOSE-UP

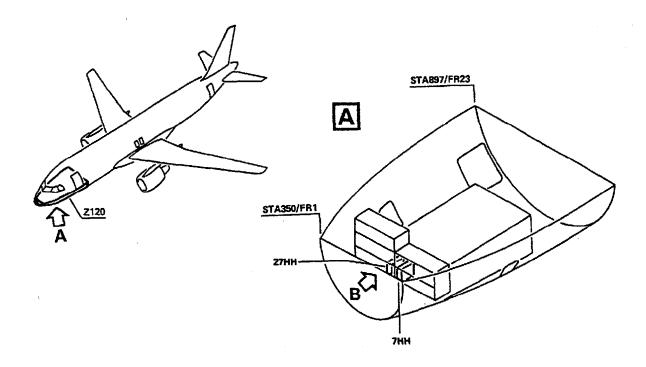
- (1) Make certain that the work areas are clean and clear of tools and miscellaneous items of equipment.
- (2) Close the passenger/crew door. (Refer to AMM 52-10-00, P. Block 201).
- (3) Remove the access platforms.

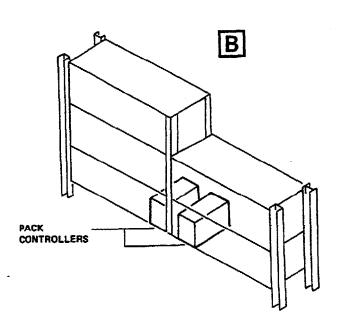
E. DOCUMENTATION

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

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Component Location of the Pack Temperature Controllers 7HH and 27HH Figure 1 Sheet 1

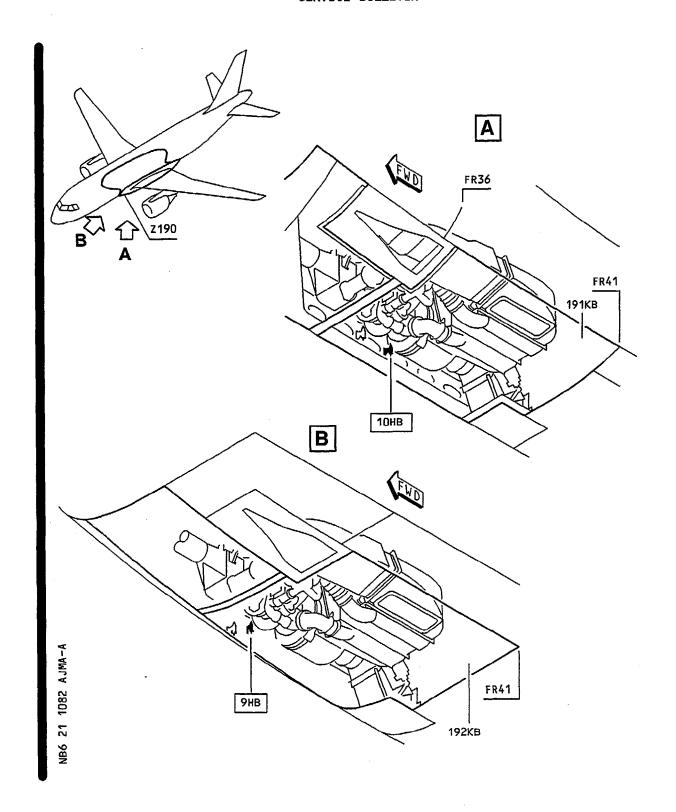
DATE : Feb 04/94

NB6 21 1082 AAM0 -- A

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Component Location of the Flow Sensors, 9HB and 10HB Figure 2 Sheet 1

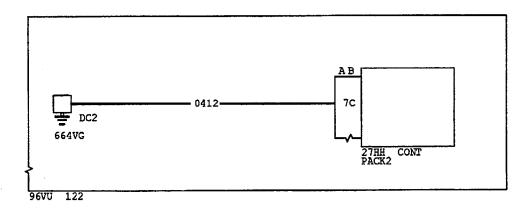
DATE : Feb 04/94

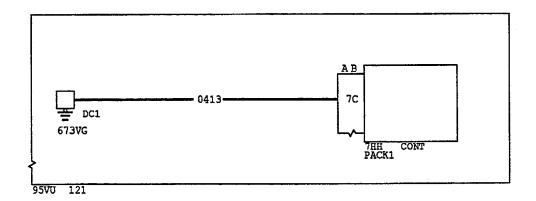
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AFTER





NEW WIRE

NOTE : UNLESS OTHERWISE SPECIFIED PREFIX ALL WIRE IDENTIFICATION WITH ATA2161 UNLESS OTHERWISE SPECIFIED ALL WIRES ARE CF22 GAUGE

Modification to the Wiring in R Electronics Rack 95VU and 96VU Figure 3 Sheet 1

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L		END 1					L	EAD		·	,	END 2			
n e		Elec. ident	Term	Terminal P/N	Wire ident	Со	Rte	Gauge	Len	gth Inch	Zone Panel	Elec. ident	Term	Terminal P/N	Instructions
1 2	95 V U 96 V U	7нн-ав 27нн-ав		E0170FA2200 E0170FA2200	2161-0413 2161-0412			CF22 CF22	250 250	100 100		673VG 664VG	1	E0396DV2001 E0396DV2001	(a) A (a) A
3 4 5 6															
7 8 9 10															
11 12 13		• · · · · · · · · · · · · · · · · · · ·								e					
14 15 16 17										· .					
18 19 20	19 1														
21 22 23 24															
25	1														

(a) = BUNDLE D9000095012395

A = ADDED WIRE

Hook-Up Chart Figure 4 Sheet 1

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3. MATERIAL INFORMATION

A. LIST OF COMPONENTS

ITEM	NEW PAR	T NO.	QTY	KEYWORD	ITEM	OLD	PART	NO.	INT	INST DISP
										D101

Kit No. 211082A01

1 b9000095012395

1 Bundle

2 NSA935401-05

50 Ties

NOTE :

For components required to modify the Pack Temperature

Controllers 7HH and 27HH refer to Liebherr/ABG-Semca service

Bulletin 759A-21-06.

B. SPECIAL TOOLS

None

C. LIST OF MATERIAL - OPERATOR SUPPLIED

DESCRIPTION	REFERENCE TO CML	QTY PER A/C
PURE MINERAL VASELINE OR PETRO- LATUM	(Mat. No. 04-012)	As required
EPOXY VARNISH W/CATALYST, CLEAR	(Mat. No. 07-001)	As required
CLEANING AGENT	(Mat. No. 11-003A)	As required

D. PARTS TO BE RE-IDENTIFIED BY OPERATOR

None

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AIRBUS INDUSTRIE CUSTOMER SERVICES DIRECTORATE 1 Rond Point Maurice Bellonte 31707 BLAGNAC CEDEX FRANCE

Tel : (33) 5 61-93-33-33

Telex: AIRBU 530526F

FAX : (33) 5 61-93-41-06

TITLE : AIR CONDITIONING - PACK TEMPERATURE CONTROL - MODIFY PACK TEMPERATURE

CONTROLLERS 7HH AND 27HH

MODIFICATION No.: 24094K3554

ATA SYSTEM: 21

IS BEING HEREWITH SUBMITTED TO YOU FOR REVIEW

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... WILL BE EMBODIED

... EFFECTIVITY

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Attn

FAX

: AI/SE-D32 Technical Data and Documentation Services

: (+33) 5 61-93-28-06

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