

SERVICE BULLETIN
SUMMARY

AIRBUS
CUSTOMER SERVICES DIRECTORATE
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This summary is for information only and is not approved for modification of the aircraft.

ATA SYSTEM: 21

**TITLE: AIR CONDITIONING - AIR COOLING SYSTEM - REMOVE AIR
CONDITIONING PACK P/N 2401A0000-01 AND INSTALL THE
PREVIOUS ONE**

****CONF ALL**

MODIFICATIONS

MODIFICATION CLASSIFICATION					
MAJOR	None				
MINOR	151098K14007				

NOTE: As per EASA IR 21, a minor change is one that has no appreciable effect on the mass, balance, structural strength, reliability, operational characteristics affecting the airworthiness of the product. All other changes are major changes.

REASON/DESCRIPTION/OPERATIONAL CONSEQUENCES

Air Conditioning Pack (10HM and 11HM), PN 2401A0000-01, has been evaluated in-service on selected aircraft. The results of the evaluation show that contamination has caused significant abrasion of the bearings in the Air Conditioning Packs.

In conclusion, it is recommended to revert the Air Conditioning Packs (10HM and 11HM), PN 2401A0000-01, to the previous standard Air Conditioning Packs, PN 2301A0000-01.

This Service Bulletin is issued to advise operators of the issue of LIEBHERR-AEROSPACE Service Bulletin No. 2401A-21-02.

In order to revert the Air Conditioning Packs (10HM and 11HM) to the previous standard, it is necessary to:

- Remove the existing Air Conditioning Packs (10HM and 11HM), PN 2401A0000-01
- Modify the Air Conditioning Packs (10HM and 11HM) in accordance with LIEBHERR-AEROSPACE Service Bulletin No. 2401A-21-02
- Install the Air Conditioning Packs (10HM and 11HM), PN 2301A0000-01.

Accomplishment of this Service Bulletin will avoid abrasion of the bearings in the Air Conditioning Packs (10HM and 11HM).

SERVICE BULLETIN
SUMMARY**GENERAL EVALUATION**

EVALUATION TABLE			
COMPLIANCE	RECOMMENDED	CANCELS INSPECTION SB	NO
POTENTIAL AD	NO	A/C OPERATION AFFECTED	NO
RELIABILITY AFFECTED	NO	PAX COMFORT AFFECTED	NO
COST SAVING	NO	ETOPS AFFECTED	NO
STRUCTURAL LIFE EXTN	NO	VENDOR SB INVOLVED	YES

MATERIAL PRICE INFORMATION****CONF 001**

No Material

****CONF 002**

No Material

EFFECTIVITY****CONF ALL**

This Service Bulletin is applicable to this (these) operator(s) :

CSN VRD

CONCURRENT REQUIREMENTS

None

REFERENCES / REPERCUSSIONS

TFU	None
OEB	None
AOT	None
SIL	None
LINE MAINTENANCE AFFECTED	No
LIFE LIMIT	None
OTHER	None

NATURE OF THE WORK

AIRCRAFT	YES
EQUIPMENT	YES
HARD	NO
SOFT	NO
OBRM	NO

SERVICE BULLETIN
SUMMARY**MANPOWER******CONF 001**

Task 211195-831-848-001: Modification	
TOTAL MANHOURS	11.00
ELAPSED TIME (HOURS)	9.00
Additional manhours related to Vendor SB; refer to:	
Modify the Air Conditioning Packs (10HM and 11HM)	LIEBHERR-AEROSPACE Service Bulletin No. 2401A-21-02

****CONF 002**

Task 211195-831-848-001: Modification	
TOTAL MANHOURS	11.00
ELAPSED TIME (HOURS)	9.00
Additional manhours related to Vendor SB; refer to:	
Modify the Air Conditioning Packs (10HM and 11HM)	LIEBHERR-AEROSPACE Service Bulletin No. 2401A-21-02

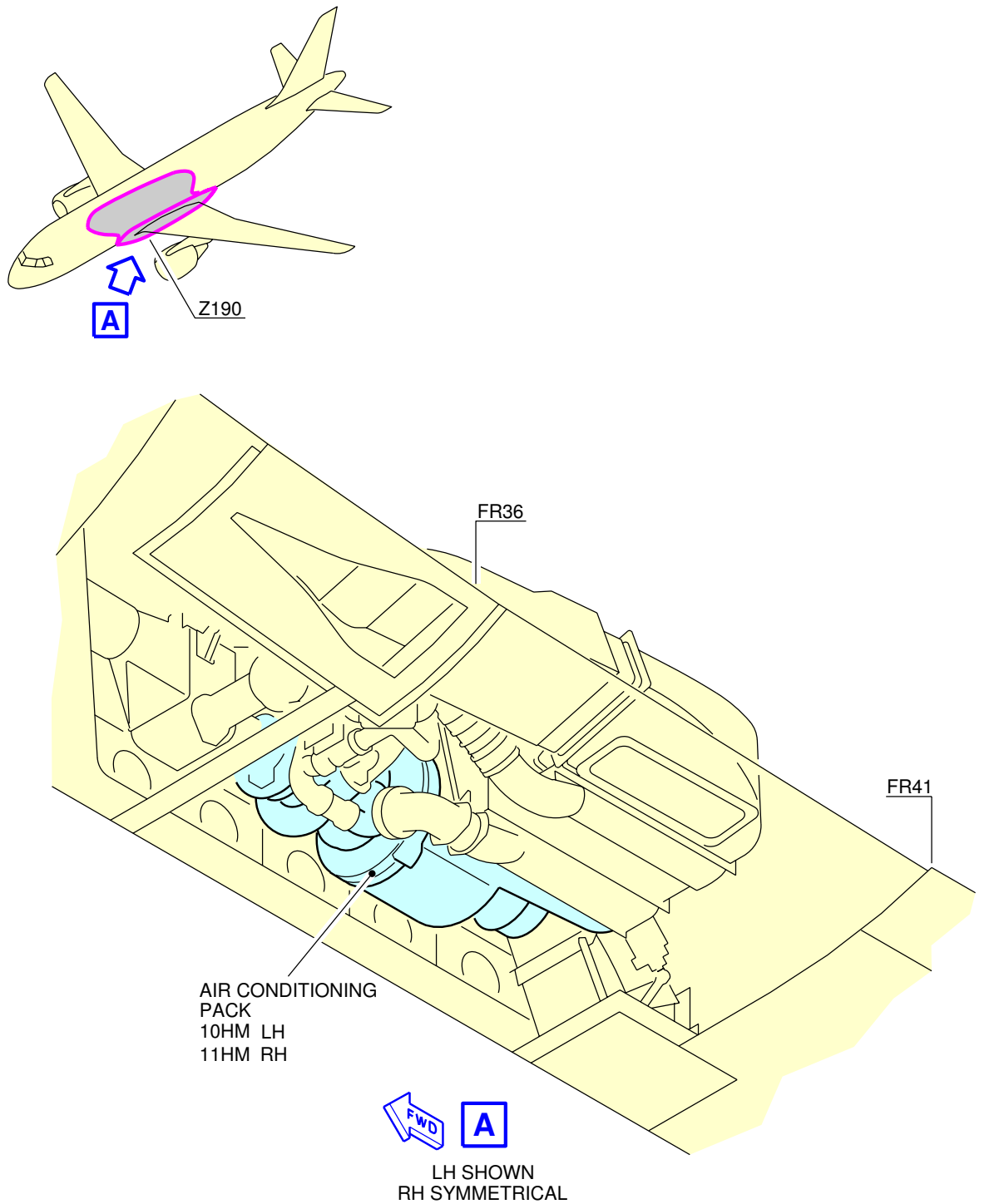
APPENDICES****CONF ALL**

None

A318/A319/A320/A321

SERVICE BULLETIN SUMMARY

****CONF ALL**



N_SB_211195_6_SAAA_01_01

Figure A-GSAAA - Sheet 01

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ATA SYSTEM: 21

**TITLE: AIR CONDITIONING - AIR COOLING SYSTEM - REMOVE AIR
CONDITIONING PACK P/N 2401A0000-01 AND INSTALL THE
PREVIOUS ONE**

MODIFICATION No.: 151098K14007

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1. PLANNING INFORMATION

****CONF ALL**

A. EFFECTIVITY

(1) Models

320-214 321-231

(2) Effectivity by MSN

2759 2767 2800 2830

(3) Effectivity by Operator

The Operator/MSN relationship is provided for information only and is correct at the time of issue in accordance with the information available to AIRBUS. Any future changes resulting from transfer of an aircraft from one operator to another will not be reflected in this list unless the Service Bulletin is revised for another reason.

OPERATOR	MSN
CSN	2759 2767
VRD	2800 2830

(4) Configuration by MSN

MSN	CONFIGURATION
2759 2767	002
2800 2830	001

(5) Configuration definition

****CONF 001**

Config. 001 is applicable to all A320 aircraft listed in the effectivity.

****CONF 002**

Config. 002 is applicable to all A321 aircraft listed in the effectivity.

(6) Material Effectivity

MATERIAL	QTY PER A/C	SEE NOTES
Reidentified part set REIDD01	1	

B. CONCURRENT REQUIREMENTS

None

C. REASON

(1) History

Air Conditioning Pack (10HM and 11HM), PN 2401A0000-01, has been evaluated in-service on selected aircraft. The results of the evaluation show that contamination has caused significant abrasion of the bearings in the Air Conditioning Packs.

In conclusion, it is recommended to revert the Air Conditioning Packs (10HM and 11HM), PN 2401A0000-01, to the previous standard Air Conditioning Packs, PN 2301A0000-01.

(2) Objective/Action

This Service Bulletin is issued to advise operators of the issue of LIEBHERR-AEROSPACE Service Bulletin No. 2401A-21-02.

In order to revert the Air Conditioning Packs (10HM and 11HM) to the previous standard, it is necessary to:

- Remove the existing Air Conditioning Packs (10HM and 11HM), PN 2401A0000-01
- Modify the Air Conditioning Packs (10HM and 11HM) in accordance with LIEBHERR-AEROSPACE Service Bulletin No. 2401A-21-02
- Install the Air Conditioning Packs (10HM and 11HM), PN 2301A0000-01.

(3) Advantages

Accomplishment of this Service Bulletin will avoid abrasion of the bearings in the Air Conditioning Packs (10HM and 11HM).

(4) Operational/Maintenance Consequences

None

D. DESCRIPTION

To accomplish this Service Bulletin it is necessary to :

****CONF 001**

Task 211195-831-848-001: Modification

- (1) Remove the Air Conditioning Packs (10HM and 11HM)
- (2) Modify the Air Conditioning Packs (10HM and 11HM)
- (3) Install the Air Conditioning Packs (10HM and 11HM)

****CONF 002**

Task 211195-831-848-001: Modification

- (1) Remove the Air Conditioning Packs (10HM and 11HM)
- (2) Modify the Air Conditioning Packs (10HM and 11HM)
- (3) Install the Air Conditioning Packs (10HM and 11HM)

****CONF ALL****E. COMPLIANCE**

(1) Classification

RECOMMENDED

(2) Accomplishment Timescale

Accomplishment of this Service Bulletin is recommended at the earliest opportunity where manpower and facilities are available.

F. APPROVAL

Approved under EASA Design Organisation Approval No. EASA 21J.031.

If an aircraft listed in the effectivity has a modification or repair embodied that is not of AIRBUS origin, and which affects the content of this Service Bulletin, the operator is responsible for obtaining approval by its airworthiness authority for any adaptation necessary before incorporation of the Service Bulletin.

G. MANPOWER

The manpower estimates given in this Service Bulletin are based on the direct labor cost to do the work. These estimates assume that the work will be done by experienced personnel, and may need to be revised upwards to suit operator's circumstances. The estimates do not include the time to prepare, plan or inspect the work. Manufacture and procurement of parts and tools, drying times for paints, sealants, etc., and general administration work are also not included.

****CONF 001**

Task 211195-831-848-001: Modification	
Get Access	0.75
On Aircraft	
Remove the Air Conditioning Packs (10HM and 11HM)	4.00
Install the Air Conditioning Packs (10HM and 11HM)	4.00
Tests	1.25
Close-Up	1.00
TOTAL MANHOURS	11.00
ELAPSED TIME (HOURS)	9.00
Additional manhours related to Vendor SB; refer to:	
Modify the Air Conditioning Packs (10HM and 11HM)	LIEBHERR-AEROSPACE Service Bulletin No. 2401A-21-02

****CONF 002**

Task 211195-831-848-001: Modification	
Get Access	0.75
On Aircraft	
Remove the Air Conditioning Packs (10HM and 11HM)	4.00
Install the Air Conditioning Packs (10HM and 11HM)	4.00
Tests	1.25
Close-Up	1.00
TOTAL MANHOURS	11.00
ELAPSED TIME (HOURS)	9.00
Additional manhours related to Vendor SB; refer to:	
Modify the Air Conditioning Packs (10HM and 11HM)	LIEBHERR-AEROSPACE Service Bulletin No. 2401A-21-02

****CONF ALL****H. WEIGHT AND BALANCE******CONF 001**

The weight and balance estimates given in this Service Bulletin are based on the Manufacturer's Empty Weight (MEW) and do not include operator item's. For the definition of MEW and operator's items refer to Weight and Balance Manual (WBM) Chapter 1-00-07.

Manufacturers Empty Weight	+0.200 KG	(+0.4409 LB)
Effect on Balance	+16.7 KGM	(+120.791 LB.FT)

****CONF 002**

The weight and balance estimates given in this Service Bulletin are based on the Manufacturer's Empty Weight (MEW) and do not include operator item's. For the definition of MEW and operator's items refer to Weight and Balance Manual (WBM) Chapter 1-00-07.

Manufacturers Empty Weight	+0.200 KG	(+0.4409 LB)
Effect on Balance	+21.000 KGM	(+151.893 LB.FT)

****CONF ALL****I. ELECTRICAL LOAD DATA**

Not Changed

J. REFERENCES****CONF 001**

Aircraft Maintenance Manual (AMM)	06-20-00 06-31-53 12-34-24 21-52-41
ATA Common Support Data Dictionary (CSDD), Chapter 2	
Elec. Std. Practices Manual (ESPM)	20-55-00
Vendor Service Bulletin (VSB)	LIEBHERR-AEROSPACE Service Bulletin No. 2401A-21-02
Weight and Balance Manual (WBM)	Weight and Balance Manual (WBM) Chapter 1-00-07

****CONF 002**

Aircraft Maintenance Manual (AMM)	06-20-00 06-31-53 12-34-24 21-52-41
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ATA Common Support Data Dictionary (CSDD), Chapter 2	
Elec. Std. Practices Manual (ESPM)	20-55-00
Vendor Service Bulletin (VSB)	LIEBHERR-AEROSPACE Service Bulletin No. 2401A-21-02
Weight and Balance Manual (WBM)	Weight and Balance Manual (WBM) Chapter 1-00-07

****CONF ALL****K. PUBLICATION AFFECTED**

Aircraft Maintenance Manual (AMM)	21-52-00 21-52-21 21-52-22 21-52-24
Illustrated Parts Catalog (IPC)	21-52-03

L. INTERCHANGEABILITY/MIXABILITY****CONF 001**

DESCRIPTION	OLD PART N°	NEW PART N°	INT	MIXABILITY	SEE NOTES
Pack-Air Conditioning	2401A0000-01	2301A0000-01	02	NO	

NOTE: For definitions of interchangeability codes in column INT., refer to ATA Common Support Data Dictionary (CSDD), Chapter 2.

NOTE: Only the mixability configuration(s) and condition(s) stated in this Service Bulletin are approved.

****CONF 002**

DESCRIPTION	OLD PART N°	NEW PART N°	INT	MIXABILITY	SEE NOTES
Pack-Air Conditioning	2401A0000-01	2301A0000-01	02	NO	

NOTE: For definitions of interchangeability codes in column INT., refer to ATA Common Support Data Dictionary (CSDD), Chapter 2.

NOTE: Only the mixability configuration(s) and condition(s) stated in this Service Bulletin are approved.

****CONF ALL****M. SPARES**

None

2. MATERIAL INFORMATION****CONF ALL****A. MATERIAL - PRICE AND AVAILABILITY****(1) Procurement Addresses**

Reidentified part set REIDD01	Modification of removed equipment should be negotiated directly with LIEBHERR-AEROSPACE as per instructions given in LIEBHERR-AEROSPACE Service Bulletin No. 2401A-21-02.
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(2) Price and Availability

Reidentified part set REIDD01

Refer to LIEBHERR-AEROSPACE Service Bulletin No. 2401A-21-02 for the equipment modification sales terms.

B. INDUSTRY SUPPORT INFORMATION

Refer to LIEBHERR-AEROSPACE Service Bulletin No. 2401A-21-02 for the industry support terms.

C. LIST OF COMPONENTS

No Kit

D. LIST OF MATERIALS - OPERATOR SUPPLIED

None

E. PARTS TO BE RE-IDENTIFIED BY OPERATOR

Refer to LIEBHERR-AEROSPACE Service Bulletin No. 2401A-21-02.

Reidentified part set REIDD01

ITEM	NEW PART N°	KEYWORD	ITEM	OLD PART N°	SEE NOTES
1	2301A0000-01	PACK	(1)	2401A0000-01	

F. TOOLING

None

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3. ACCOMPLISHMENT INSTRUCTIONS**Task 211195-831-848-001 - Modification**

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

CAUTION: ALWAYS OBEY THE PRECAUTIONS THAT FOLLOW TO KEEP ELECTRICAL WIRING IN A SATISFACTORY CONDITION (ELECTRICALLY AND MECHANICALLY SERVICEABLE).

WHEN YOU DO MAINTENANCE WORK, REPAIRS OR MODIFICATIONS, ALWAYS KEEP ELECTRICAL WIRING, COMPONENTS AND THE WORK AREA AS CLEAN AS POSSIBLE. TO DO THIS :

- PUT PROTECTION, SUCH AS PLASTIC SHEETING, CLOTHS, ETC. AS NECESSARY ON WIRING AND COMPONENTS.
- REGULARLY REMOVE ALL SHAVINGS, UNWANTED MATERIAL AND OTHER CONTAMINATION.

THESE PRECAUTIONS WILL DECREASE THE RISK OF CONTAMINATION AND DAMAGE TO THE ELECTRICAL WIRING INSTALLATION. IF THERE IS CONTAMINATION, REFER TO ESPM 20-55-00, CLEANING.

Task Associated Data****CONF 001**

Zone	
100 190 191 192 210	
Access	
Door	191KB 192KB
Manpower	
TOTAL MANHOURS	11.00
ELAPSED TIME (HOURS)	9.00
Additional manhours related to Vendor SB; refer to:	
LIEBHERR-AEROSPACE Service Bulletin No. 2401A-21-02	

****CONF 002**

Zone	
100 190 191 192 210	
Access	
Door	191KB 192KB
Manpower	
TOTAL MANHOURS	11.00
ELAPSED TIME (HOURS)	9.00

Additional manhours related to Vendor SB; refer to:
LIEBHERR-AEROSPACE Service Bulletin No. 2401A-21-02

****CONF ALL****A. GENERAL******CONF 001****(1) Subtask 211195-910-201-001 - Standard Practices**

References	
Aircraft Maintenance Manual (AMM)	06-20-00, Page Block 001 06-31-53, Page Block 001

(a) For the identification of aircraft zones (Refer to AMM 06-20-00, Page Block 001).

(b) For the identification of Frames (FR) (Refer to AMM 06-31-53, Page Block 001).

(2) Subtask 211195-839-201-001 - Documentation

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

****CONF 002****(1) Subtask 211195-910-201-001 - Standard Practices**

References	
Aircraft Maintenance Manual (AMM)	06-20-00, Page Block 001 06-31-53, Page Block 001

(a) For the identification of aircraft zones (Refer to AMM 06-20-00, Page Block 001).

(b) For the identification of Frames (FR) (Refer to AMM 06-31-53, Page Block 001).

(2) Subtask 211195-839-201-001 - Documentation

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

****CONF ALL****B. PREPARATION******CONF 001****(1) Subtask 211195-941-201-001 - Job Set-up**

Work Zones and Access Panels		
	Zone	Access/Work location
	100	
	210	

	191	Access	Door 191KB
	192	Access	Door 192KB

Manpower Resources	
Skills	ELECTRICAL AIRFRAME

References	
Aircraft Maintenance Manual (AMM)	Task 12-34-24-869-002 Task 21-52-41-000-001

- (a) Make sure that the aircraft is electrically grounded (Refer to AMM Task 12-34-24-869-002).
- (b) Put the access platform(s) in position.
- (c) Do the Job Set-up procedure as specified in the removal of the Air Conditioning Pack (10HM, 11HM) (Refer to AMM Task 21-52-41-000-001).

****CONF 002**

(1) Subtask 211195-941-201-001 - Job Set-up

Work Zones and Access Panels			
	Zone	Access/Work location	
	100		
	210		
	191	Access	Door 191KB
	192	Access	Door 192KB

Manpower Resources	
Skills	ELECTRICAL AIRFRAME

References	
Aircraft Maintenance Manual (AMM)	Task 12-34-24-869-002 Task 21-52-41-000-001

- (a) Make sure that the aircraft is electrically grounded (Refer to AMM Task 12-34-24-869-002).
- (b) Put the access platform(s) in position.
- (c) Do the Job Set-up procedure as specified in the removal of the Air Conditioning Pack (10HM, 11HM) (Refer to AMM Task 21-52-41-000-001).

****CONF ALL****C. PROCEDURE******CONF 001**

- (1) **Subtask 211195-020-201-001 - Remove the Air Conditioning Packs (10HM and 11HM)**

Work Zones and Access Panels			
	Zone	Access/Work location	
	191	Work location	from Frame 36 to Frame 41
	192	Work location	from Frame 36 to Frame 41

Manpower Resources	
Manhours	4.00
Minimum number of person	3
Subtask elapsed time	3.00
Skills	AIRFRAME

References	
Aircraft Maintenance Manual (AMM)	Task 21-52-41-000-001
Fig. A-GBAAA Removal and Installation of Air Conditioning Packs	Sheet 01

- (a) Remove the Air Conditioning Packs (10HM and 11HM) (Refer to AMM Task 21-52-41-000-001 and [Fig. A-GBAAA](#)).

Remove:

2 Pack-Air Conditioning 2401A0000-01 Item (1) Retain

- (2) **Subtask 211195-831-203-001 - Modify the Air Conditioning Packs (10HM and 11HM)**

References	
Vendor Service Bulletin (VSB)	LIEBHERR-AEROSPACE 2401A-21-02

- (a) Modify the Air Conditioning Packs (10HM and 11HM) (Refer to LIEBHERR-AEROSPACE Service Bulletin No. 2401A-21-02).

- (3) **Subtask 211195-420-201-001 - Install the Air Conditioning Packs (10HM and 11HM)**

Work Zones and Access Panels			
	Zone	Access/Work location	
	191	Work location	from Frame 36 to Frame 41
	192	Work location	from Frame 36 to Frame 41

SERVICE BULLETIN

Manpower Resources	
Manhours	4.00
Minimum number of person	3
Subtask elapsed time	3.00
Skills	AIRFRAME

Material necessary to do the job

Reidentified part set REIDD01					
ITEM	NEW PART N°	KEYWORD	ITEM	OLD PART N°	SEE NOTES
1	2301A0000-01	PACK			

References	
Aircraft Maintenance Manual (AMM)	Task 21-52-41-400-001
Fig. A-GBAAA Removal and Installation of Air Conditioning Packs	Sheet 01

- (a) Install the Air Conditioning Packs (10HM and 11HM) (Refer to AMM Task 21-52-41-400-001 and [Fig. A-GBAAA](#)).

Install:

2 Pack-Air Conditioning 2301A0000-01 Item 1

****CONF 002**

- (1) Subtask 211195-020-201-001 - Remove the Air Conditioning Packs (10HM and 11HM)**

Work Zones and Access Panels			
	Zone	Access/Work location	
	191	Work location	from Frame 36 to Frame 41
	192	Work location	from Frame 36 to Frame 41

Manpower Resources	
Manhours	4.00
Minimum number of person	3
Subtask elapsed time	3.00
Skills	AIRFRAME

References	
Aircraft Maintenance Manual (AMM)	Task 21-52-41-000-001
Fig. A-GBAAA Removal and Installation of Air Conditioning Packs	Sheet 01

SERVICE BULLETIN

- (a) Remove the Air Conditioning Packs (10HM and 11HM) (Refer to AMM Task 21-52-41-000-001 and [Fig. A-GBAAA](#)).

Remove:

2 Pack-Air Conditioning 2401A0000-01 Item (1) Retain

(2) Subtask 211195-831-203-001 - Modify the Air Conditioning Packs (10HM and 11HM)

References	
Vendor Service Bulletin (VSB)	LIEBHERR-AEROSPACE 2401A-21-02

- (a) Modify the Air Conditioning Packs (10HM and 11HM) (Refer to LIEBHERR-AEROSPACE Service Bulletin No. 2401A-21-02).

(3) Subtask 211195-420-201-001 - Install the Air Conditioning Packs (10HM and 11HM)

Work Zones and Access Panels			
	Zone	Access/Work location	
	191	Work location	from Frame 36 to Frame 41
	192	Work location	from Frame 36 to Frame 41

Manpower Resources	
Manhours	4.00
Minimum number of person	3
Subtask elapsed time	3.00
Skills	AIRFRAME

Material necessary to do the job

Reidentified part set REIDD01					
ITEM	NEW PART N°	KEYWORD	ITEM	OLD PART N°	SEE NOTES
1	2301A0000-01	PACK			

References	
Aircraft Maintenance Manual (AMM)	Task 21-52-41-400-001
Fig. A-GBAAA Removal and Installation of Air Conditioning Packs	Sheet 01

- (a) Install the Air Conditioning Packs (10HM and 11HM) (Refer to AMM Task 21-52-41-400-001 and [Fig. A-GBAAA](#)).

Install:

2 Pack-Air Conditioning 2301A0000-01 Item 1

****CONF ALL****D. TEST******CONF 001****(1) Subtask 211195-700-201-001 - Testing**

Work Zones and Access Panels		
	Zone	Access/Work location
	190	
	210	

Manpower Resources	
Skills	ELECTRICAL AIRFRAME

References	
Aircraft Maintenance Manual (AMM)	Task 21-52-41-400-001

- (a) Remove the safety clips and tags and close the applicable circuit breakers as specified after installation of the Air Conditioning Packs (10HM and 11HM) (Refer to AMM Task 21-52-41-400-001).
- (b) Do the tests after installation of the Air Conditioning Packs (10HM and 11HM) (Refer to AMM Task 21-52-41-400-001).

****CONF 002****(1) Subtask 211195-700-201-001 - Testing**

Work Zones and Access Panels		
	Zone	Access/Work location
	190	
	210	

Manpower Resources	
Skills	ELECTRICAL AIRFRAME

References	
Aircraft Maintenance Manual (AMM)	Task 21-52-41-400-001

- (a) Remove the safety clips and tags and close the applicable circuit breakers as specified after installation of the Air Conditioning Packs (10HM and 11HM) (Refer to AMM Task 21-52-41-400-001).
- (b) Do the tests after installation of the Air Conditioning Packs (10HM and 11HM) (Refer to AMM Task 21-52-41-400-001).

****CONF ALL****E. CLOSE-UP******CONF 001****(1) Subtask 211195-942-201-001 - Close-up**

Work Zones and Access Panels			
	Zone	Access/Work location	
	191	Access	Door 191KB
	192	Access	Door 192KB
	210		

Manpower Resources	
Skills	NON SPECIFIC

References	
Aircraft Maintenance Manual (AMM)	Task 21-52-41-400-001

- Make sure that the work areas are clean and clear of tools and other items of equipment.
- Do the Job Close-up procedure as specified in the installation of the Air Conditioning Packs (10HM and 11HM) (Refer to AMM Task 21-52-41-400-001).
- Remove the access platform(s).

****CONF 002****(1) Subtask 211195-942-201-001 - Close-up**

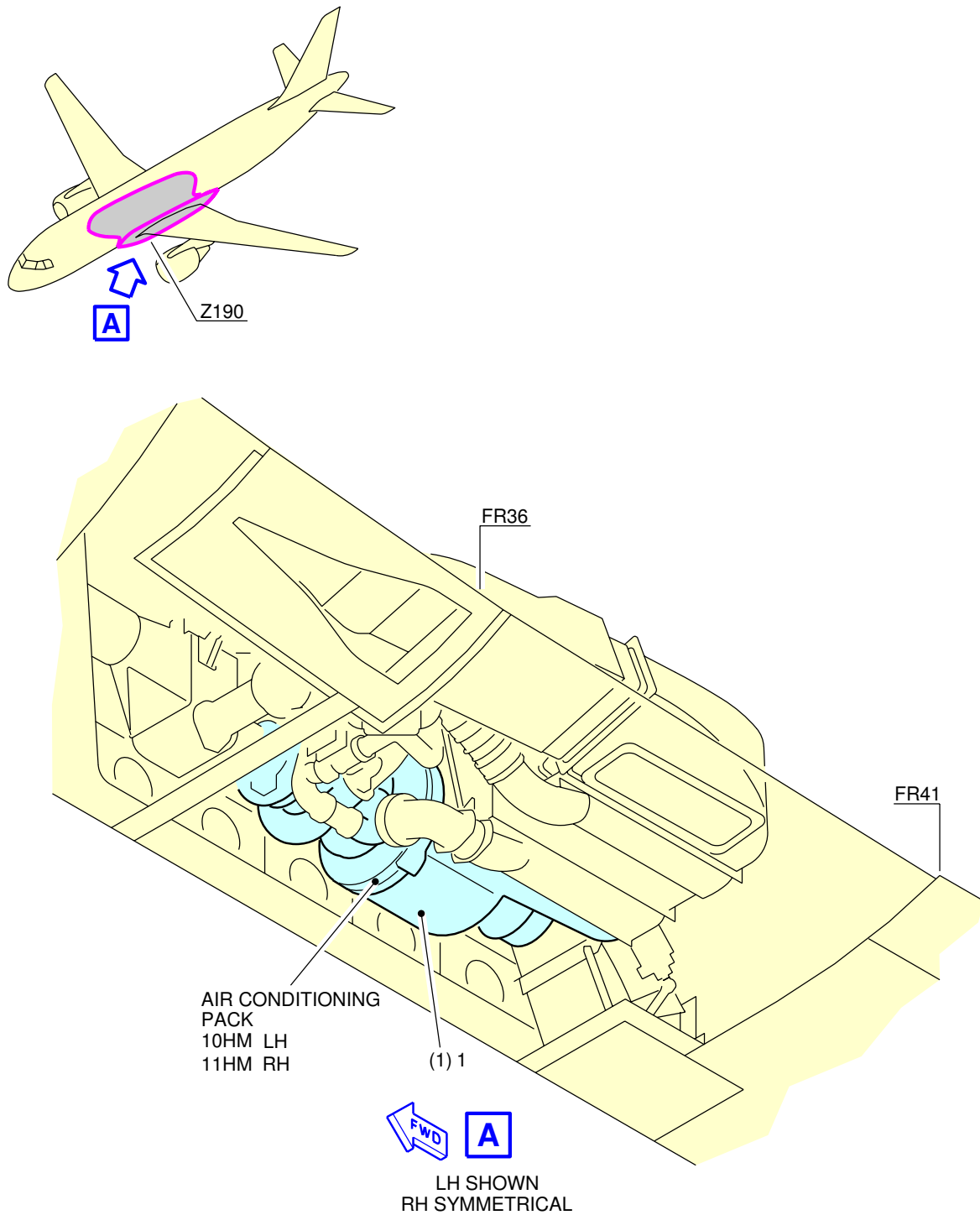
Work Zones and Access Panels			
	Zone	Access/Work location	
	191	Access	Door 191KB
	192	Access	Door 192KB
	210		

Manpower Resources	
Skills	NON SPECIFIC

References	
Aircraft Maintenance Manual (AMM)	Task 21-52-41-400-001

- Make sure that the work areas are clean and clear of tools and other items of equipment.
- Do the Job Close-up procedure as specified in the installation of the Air Conditioning Packs (10HM and 11HM) (Refer to AMM Task 21-52-41-400-001).
- Remove the access platform(s).

****CONF ALL**



N_SB_211195_6_BAAA_01_01

Figure A-GBAAA - Sheet 01
Removal and Installation of Air Conditioning Packs

SERVICE BULLETIN
REPORTING SHEET

**TITLE: AIR CONDITIONING - AIR COOLING SYSTEM - REMOVE AIR
CONDITIONING PACK P/N 2401A0000-01 AND INSTALL THE
PREVIOUS ONE**

MODIFICATION No.: 151098K14007

Please complete the appropriate item (A or B):

A - SB WILL BE embodied

YES/NO (if NO please comment)

If YES, aircraft concerned (as per SB effectivity by default) and planned dates (month/year) of embodiment:

B - SB HAS BEEN embodied on aircraft:

Operator comments:

From Airline:

Name/Title:

Signature:

Date:

If operational documentation is affected (see Paragraph 1.K of this SB): If information is needed prior to next normal revision or prior to SB embodiment, please indicate required service(s):

Either: Modification Operational Impact (MOI), if available

YES/NO

Or : Intermediate revision

YES/NO

Important Information: This SB will only be incorporated in your maintenance and operational documentation if this sheet is returned to Airbus and signed by a duly authorised representative. With the next feasible revision, this will result in

- Updating of maintenance documentation to show pre and post SB data.
- Updating of maintenance and operational documentation to show post SB data after embodiment.

If this SB requires previous or simultaneous accomplishment of other SBs, Airbus shall automatically include them in the manual revisions. Refer to SIL 00-037 for detailed information.

Please return this completed sheet to:

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

Attn: SDC32 Technical Data and Documentation Services

FAX: (+33) 5 61 93 28 06

e-mail: sb.reporting@airbus.com

or via your Resident Customer Support Office.

Alternatively, SB lists via letters or fax are also accepted.

SERVICE BULLETIN
QUALITY PERCEPTION FORM

Use this form to tell us what is your perception of the quality of this Service Bulletin. The reported data that you provide us will be used to analyse areas of difficulties and to take corrective action to further improve the quality of our Service Bulletins.

We thank you for the time you have taken in completing this form.

(Please rate on a scale of 1 to 4, with 4 being the highest score)

- Quality rating of this SB	4	3	2	1
- Quality rating of the Accomplishment Instructions	4	3	2	1
- Quality rating of the Illustrations	4	3	2	1
- Is this SB easy to understand ?	Y / N			

If you have had difficulties in the accomplishment of this SB please quote below the area(s) and give a short description of the issue.

Planning	Material	Instructions
X Effectivity	X Kit content	X Preparation
X Reason	X List of Materials Operator Supplied	X Mod/Inspection
X Manpower	X Industry support	X Test
X References	X Re-identification	X Close-Up
X Publication	X Tooling	X Illustrations

Comments:

Operator:

Date:

Name/Title:

Please return this form to:

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

Attn : SEM4 Service Bulletins Management
FAX : (33) 5 61 93 42 51

Or via your Resident Customer Support Office.