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SERVICE BULLETIN ； :

SUMMARY -

AIRBUS INDUSTRIE

CUSTOMER SERVICES DIRECTORATE

1 Rond Point Maurice BELLONTE 31707 BLAGNAC CEDEX FRANCE Tel: (33) 61933333 Telex: AIRBU 530526F

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

TITLE : AIR CONDITIONING - AIR COOLING - MODIFY THE AIR CONDITIONING PACK 10HM (11HM)

MOOIFICATION No. : 26142K4629 ATA SYSTEM : 21

REASON/DESCRIPTIQN/OPERATIONAL CONSEQUENCES

In order to verify reliability improvements to the air cooling packs an evaluation program has been initiated.

This Evaluation Service Bulletin is issued to inform the affected customers about the LIEBHERR ABG-SEMCA Vendor Service Bulletin (VSB) 744A-21\*09- This VSB detai Is the modification of the air cooling packs P/N 744AOOOO-D9 or 744A0000-10 and is for field evaluation only. The coding packs will be equipped with a modified Air Cycle Machine (ACM) P/N 1263AOOOO-D1.

It is expected that this modification will increase the reliability of the air conditioning system and consequently the passengers comfort.

NOTE : The evaluation period is for a maximum of 1000 flight hours.

The operational time of the ACM 1263A000O-01 is Limited to 2000 hours.

NOTE : Only one air conditioning pack per A/C has to be modified

for evaluation.

EFFECTWITY

this Service Bulletin is applicable to these customer(s):

AFR, DLHZ FHA, GFAZ IAC, IBE, SHK, SWR, XRZ XL

It is the customers responsib-i Lty to decide on which A/C this Evaluation Service Bulletin will be be accomplished.

刃 SERVICE BULLETIN(S) T。 BE ACCOMPLISHED PREVIOUSLY OR SIMULTANEOUSLY

None



6 DATE : Dec 20/96

SERVICE BULLETIN No. : A320-21-1905

RE FERENCES/REPERCUSSIONS

TFU : None

OEB : None

AOT : None

SIL : None

LIFE LIMIT : None

LINE MAINTENANCE AFFECTED : No

OTHER : None

NATURE OF THE WORK

AIRCRAFT : NO

EQUIPMENT : YES

HARD : YES

SOFT : NO

OBRM : NO

COMPLIANCE

Optional -

MANPOWER

TOTAL MANHOURS 10.00

ELAPSED TIME (HOURS) 4.00

MATERIAL INFORMATION

AIRCRAFT DATA

None

EQUIPMENT DATA

Designation : Air Conditioning Pack

Supplier : Liebherr ABG-SEMCA

Service Bulletin No- : 744A-21-09

SERVICE BULLETIN No. : A320-21 ^1905

DATE : Dec 20/96

Qld Part Number : 744A0000-09

New Part Number : 744Z0000-01

Interchangeabi City code : 2 (Refer to ATA 200 Chapter 1A-2)

Mixability : YES

Designation : Air Conditioning Pack

Supplier : Liebherr ABG-SEMCA

Service Bulletin No« : 744A-21-09

Old Part Number : 744A0000-1D

New Part Number : 744Z0000-01

Interchangeability code : 2 (Refer to ATA 200 Chapter 1A-2)

Mixabi Lity :' YES

APPENDICES

None

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TITLE : AIR CONDITIONING - AIR COOLING - MODIFY THE AIR CONDITIONING PACK

10HM (11HM)

MODIFICATION No. : 26142K4629 ATA SYSTEM : 21

1. PLANNING INFORMATION

A. EFFECTIVITY

(1) Aircraft models : 320-111, 320-211, 320-212, 320714\* 320-231

(2) Aircraft

Customer and Fleet No.

MSN

Kit No. Qty 211905

NONE

of Kits No. Npne

Config-

001,002

V ”004-008

^046-048

PLH 001-010

01>G34

001z002

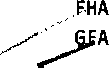
801-814

001-012

-031

005,007 014,019,020,021,002 061 063,100,101,102,128,129, 133,186,187,188,226,227 285,286,287

069,070,071,072'078,083, 086,093,094,104 110,111,116,117,135,137, 147,161/62,172,200,201, 202,209,216,217,218,267, 268,269,346,382,401 332,369 313,325,345,375'419,421, 438,445z459,466,481,497, 536,537 045z046z047,048z049,050z 051'056,057,058,074,075 080,089,090,095,096,097, 396,398,416,423,431,432, 451,469'486,490'492'499



*6* DATE : Dec 20/96

SERVICE BULLETIN No. : A320-21-1905

Customer and Fleet NOp

MSN

Kit No. Qty Config, 211905 of Kits No.

NONE None

001-022

003 226-243

523

501

134,136z143,146,158z173,

176,177,199,207,223,224, 240,241,246,264,266z274z 303,312Z323Z356

344

533,545,5A8z553z559z562, 566,574,577,585,596^603, 635,643,673,681,701z703 478

347

441

responsibility of the customers to select the A/C to accomplish this Evaluation Service Bulletin-

(3) Spares

None

B. REASON

<1) History

In order to verify reliabiLity improvements to the air cooling packs an evaluation program has been initiated.

(2) Objective/Action

This Evaluation Service Bulletin is issued to inform the affected customers about the LIEBHERR ABG-SEMCA Vendor Service Bulletin (VSB) 744A-21-09. This VSB detai Is the modification of the air cooling packs P/N 744AOOOO-09 or 744A000CH10 and is for field evaluation only. The cooling packs will be equipped with a modified Air Cycle Machine <ACM) P/N 1263A000O-01.

NOTE : The evaluation period is for a max-imum of 1000 flight

hours- The operational time of the ACM 1263A000&-01 is limited to 2000 hours.

NOTE : Only one air conditioning pack per A/C has to be

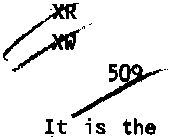
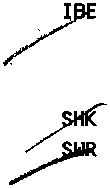
modified for evaluation-

(3) Advantages

It is expected that this modification will verify the increase in reliability of the air conditioning system and consequently the passengers comfort.

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(4) Operat i ona L/Maintenance Consequences

None

(5) Accomplishment Timescale

In accordance with the operator's maintenance schedule.

1. DESCRIPTION

To accomplish this Service Bulletin it is necessary to :

(1) Remove the ACM.

(2) Install the modified ACM-

1. APPROVAL

The design data contained in this Service Bulletin has been approved under the authority of DGAC Design Organisation Approval No C 01. The changes specif-ied in this Service Bulletin have been approved by the DGAC when they are major, or under the authority of DGAC Design Organisation Approval No. C01 z 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 modificationz non-productive eLapsed times or administration-

|  |  |
| --- | --- |
| Get access | 0.50 |
| RemovaI/InstaLiation | 8-00 |
| Test | 0-50 |
| Close-up | 1 -00 |
| TOTAL MANHOURS | 10.00 |
| ELAPSED TIME (HOURS) | 4.00 |



1. REFERENCES

Aircraft Maintenance Manual (AMM)

Vendor Service Bulletin (VSB)

J. PUBLICATIONS AFFECTED

Illustrated Parts Catalog CIPC)

:OO-OO-INTRO, 12-34-24, 21-52-21

:LIEBHERR ABG-SEMCA 744A-21-O9

:21-52-03, 21\*52-41

F. MATERIAL ・\_COST AND AVAILABILITY

There will be no charge for this Evaluation Service Bulletin- For further information please contact

LIEBHERR ABG^SEMCA

408 Avenue des Etats Unis BP2010

31016 Toulouse Cedex

FRANCE

TeL : 61.35.28.28 Telex : ABSEMCA 531634F Telefax : 61.35.29.29

G. TOOLING ・ PRICE AND AVAILABILITY

None

H- HEIGHT AND BALANCE

Not affected

SERVICE BULLETIN No. : A320-21 -1905

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1. ACCOMPLISHMENT INSTRUCTIONS
2. GENERAL

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

WARNING : MAKE SURE THAT NO AIR IS SUPPLIED TO THE AIR CONDITIONING SYSTEM FROM THE MAIN ENGINE# THE APU OR A GROUND SOURCE.

1. Preparation
2. Make sure that the- aircraft is in a maintenance condition (Refer to AMM OO-OO-INTRO, P. Block 001).
3. Electrically ground the aircraft (Refer to AMM 12-34-24, P. Block 201)-
4. For the preparation refer to AMM 21-52-21, P. Block 401.
5. Standard Practices

None

1. MODIFICATION

(1) Remove and send to the stores the ACM 757AQ000-09 or 757A0000-10 (Refer to AMM 21-52-21y P. Block 401).

(2> Install the new ACM 1263A0000-01 (Refer to AMM 21-52-21, P. Block 401).

1. TESTS

(1) Do a test as given in the AMM 21-52-21, P. Block 401.

1. CLO$E・UP

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

<2) For the Close-Up procedure (Refer to AMM 21-52-21, P- Block 401)-

1. DOCUMENTATION

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



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F- EVALUATION

(1) The evaluation period is for a maximum of 1000 flight hours.

1. RESTORATION OF AIRCRAFT TO ITS INITIAL CONFIGURATION
2. Remove the ACM 1263A0000-01 (Refer to AMM 21-52-21, P- Block 401).
3. Install the ACM 757A0000-09 or 757A0000-10 (Refer to AHM 21-52-21, P. Block 401)-
4. TESTS

(1) Do a test as given in the AMM 21\*52\*21, P・ Block 401 -

I- CLOSE-UP

1. For the Close-Up procedure (Refer to AMM 21\*52-21, P. Block 401).
2. Make sure that the work area is clean and clear of tools and other items of equipment.

J- 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

No Airbus Industrie kit is required for this Service Bulletin\* For components required to modify the air conditioning cooling pack refer to LIEBHERR ABG-SEMCA Vendor Service QulLetin 744A-21-09. .

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DATE : Dec 20/95

AIRBUS INDUSTRIE

CUSTOMER SERVICES DIRECTORATE 1 Rond Point MSuriCe BELLONTE 31707 Blagnac cedex France Tel: (33) 61933333

Telex: AIRBU 530526F

TITLE : AIR CONDITIONING - AIR COOLING - MODIFY THE AIR CONDITIONING PACK 10HM (11HM) .

MODIFICATION No, : 26142K4629

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 if this sheet is returned to us on the purchase date and signed by a duly authorized and empowered officer or representative.

FROM :

AIRLINE :

NAME :

Please return to :

AIRBUS INDUSTRIE

CUSTOMER SERVICES DIRECTORATE 1 Rond Point Maurice BELLONTE 31707 BLAGNAC CEDEX FRANCE TEL : (33) 61-93.33-33 TELEX :. AIRBU 530526 F

DATE :

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