AIRBUS INDUSTRIE

PRODUCT SUPPORT DIRECTORATE

1 Rond Point Maurice BELLONTE 31707 BLAGNAC CEDEX FRANCE TeL： (33) 61-93-33-33

Telex： AIRBU 530526 F

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SERVICE BULLETIN  
REVISION TRANSMITTAL SHEET

MODIFICATION NO： 22100K2246 ATA SYSTEM： 21

TITLE : AIR-CONDITIONING - AIR-CONDITIONING PACK - EVALUATE THE IMPROVED PACK DE-ICING

Herewith Revision No. 1 of Service Bulletin A320-21-1901.

NO ADDITIONAL WORK IS REQUIRED BY THIS REVISION.

REASON

This revision is issued to insert the effectivity of operator SAA and to incorporate the Change Notices No. DA and OB in this Service Bulletin.

CHANGES

SERVICE BULLETIN SUMMARY

|  |  |
| --- | --- |
| -Page 1 of 2  -Page 2 of 2 SERVICE BULLETIN | Para. EFFECTIVITY - Updated.  Para. MATERIAL INFORMATION - Change Notice No. 0A incorporated. |
| -Page 1 of 7 | Para. 1.A. (2) - Effectivity updated and |
|  | Change Notice No. OB incorporated. |
| -Page 2 | Text updated. |
| -Page 3/4 | Para. 2.1. - AMM reference added. |
| -Page 5 | Para. 2.B.C1) - AMM reference added. |

FILING INSTRUCTIONS

-Replace Service Bulletin Summary pages 1 of 2 and 2 of 2.

-Replace Service Bulletin pages 1 of 7小 *2,* 3/4 and 5.

-FiLe this Revision Transmittal Sheet in front of this Service Bulletin.

REVISION SEQUENCE

Original: Jul 24/91

Revision No： 1 - FEB 25/92

AIRBUS INDUSTRIE

PRODUCT SUPPORT DIRECTORATE

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EVALUATION  
SERVICE BULLETIN  
SUMMARY

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 D.G.A.C. approved for modification of the aircraft

MODIFICATION NO： 22100K2246

ATA SYSTEM： 21

TITLE： AIR-CONDITIONING - AIR-CONDITIONING PACK - EVALUATE THE IMPROVED PACK DE-ICING

REASON/DESCRIPTION/OPERATIONAL CONSEQUENCES

A new air-conditioning pack and pack controller are to be evaluated in order to make certain that the ice protection function of the air-conditioning pack is properly maintained by the improved anti-ice vaLve. For evaluation in realistic conditions on the air-conditioning pack 10HM, the anti-ice valve and pack controller must be replaced. After accomplishment of this Evaluation Service Bulletin# a correct ice protection function of the air-conditioning system by the anti-ice valve wiLL be confirmed.

EFFECTIVITY

I This Service Bulletin is applicable to the following operators： AAAZ ITF and SAA.

SERVICE BULLETIN/MODIFICATION TO 匪 ACCOMPLISHED PREVIOUSLY OR SIMULTANEOUSLY

None

REFERENCES/REPERCUSSIONS

TFU 21.61.41.01 .

NATURE OF THE MODIFICATION

AIRCRAFT : NO

EQUIPMENT : YES

HARD : YES (Refer to LIEBHERR ABG-SEMCA Service Bulletin No. 744A-21-05).

SOFT : YES

OBRM : NO

COMPLIANCE

Optional for evaluation

MANPOWER

Total manhours 10.00 ELapsed time (hours) 5.00

|  |  |
| --- | --- |
|  | *®A320*  EVALUATION SERVICE BULLETIN SUMMARY |

MATERIAL INFORMATION

Aircraft Data

None

Equipment Data

|  |  |
| --- | --- |
| Designation | Air-Conditioning Pack (ACP) Pack Controller (PC) Anti-Icing VaLve (AIV) Pipe Assemblies (PA) |
| Supplier | LIEBHERR ABG-SEMCA |
| Service Bulletin No. | 744A-21-05 |
| Part Number Before | 744A0000-Q8 (ACP) 759A0000-08 (PC) 748AOOOO-05 (AIV) 778A2900-02 (PA) 778A3000-02 (PA) 778A2800-02 (PA) 778A2600-01 (PA) |
| Part Number After | 744C0000-01 (ACP) 759B0000-01 CPC) 748A0000-07 (AIV) 778A3700-01 (PA) 778A3800-01 (PA) 778A3900-02 (PA) 778A4000-01 (PA) |
| Interchangeability | 1. In case of ACM failure, PC 759B0000-01 must be replaced by PC 759A0000-08. 2. In case of PC 759B0000-01 failure it is possible to install a PC P/N 759A0D00-07. 3. In case of AIV 748A0000-07 failure, AIV 748A0000-05 must be fitted with a PC 759A0000-07. |
| IntermixabiLity | Not applicable |

APPENDICES

None

|  |  |
| --- | --- |
| DATE： Jul 24/91  REVISION NO： 1 - FEB 25/92 | EVALUATION SERVICE BULLETIN NO： A320-21-1901  PAGE： 2 of 2  Printed in France |

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SERVICE BULLETIN

1 Rond Point Maurice BELLONTE 31707 BLAGNAC CEDEX FRANCE Tel: (33) 61-93-33-33

Telex： AIRBU 530526 F

MODIFICATION NO： 22100K2246 ATA SYSTEM: 21

TITLE： AIR-CONDITIONING - AIR-CONDITIONING PACK - EVALUATE THE IMPROVED PACK DE-ICING

1. PLANNING INFORMATION

A. EFFECTIVITY

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| (1) Aircraft Models: 320-111, 320-211, 320-231  <2) Aircraft | | | | | | | | | |
| Customer and | MSN |  |  |  |  |  |  |  | Qty of Kits |
| FLeet No. |  |  |  |  |  |  |  |  | None |
| AAA 001-012 | 022, | 023, | 024, | 025, | 026, | 027' | 029, | 030, | U0z |
|  | 142, | 157, | 229 |  |  |  |  |  |  |
| ITF 001-024 | 010, | 012, | 013, | 015, | 016z | 033, | 036, | 044, | 004, |
|  | 003, | 108, | 115, | 130, | 155, | 156, | 184, | 214, | 239, |
|  | 258, | 278, | 337, | 352, | 236, | 237 |  |  |  |
| SAA 001-007 | 243, | 249, | 250, | 251, | 334, | 335, | 449 |  |  |

C3) Spares

None

B. REASON

(1) History

A new air-conditioning pack and pack controller are to be evaluated in order to ensure the ice protection function of the air-conditioning pack by an anti-ice valve.

<2) Objective/Action

For evaluation in realistic conditions on the air-conditioning pack 10MHz the anti-ice vaLve and the pack controller have to be replaced.

1. Advantages

After accomplishment of this Evaluation Service Bulletin a correct ice protection function of the air-conditioning system by the anti-ice vaLve will be confirmed.

1. Accomplishment Timescale

In accordance with operator's experience.

1. DESCRIPTION

this Evaluation Service Bulletin consists of carrying jobs：

AccompLishment of out

the following

(1)

Replacing the

pack controller 7HHZ 759A0000-08 with 759B0000-01.

Modifying the air-conditioning pack 10HMz LHZ 744A0000-08 as given in the LIEBHERR ABG-SEMCA Service Bulletin No. 744A-21-05.

(3)

Re-identifying the modified air-conditioning pack 10HM from 744A0000 -08 to 744C0000-01.

1. APPROVAL

This Evaluation Service Bulletin is approved by Direction Generate de L\*Aviation Civile - France (D.G.A.C.) for Service Evaluation only.

1. MANPOWER

This Evaluation Service Bulletin may be accompL'ished in the following approximate manhours and eLapsed time：

Manhous/aircraft

|  |  |
| --- | --- |
| Gain access | 2.00 |
| Modification | 4.00 Refer to LIEBHERR ABG-SEMCA Service |
|  | Bulletin No. 744A-21-05 |
| Test | 2.00 |
| Close-Up | 2,00 |
| Total manhours | 10.00 |

ELapsed time (hours) 5.00

NOTE： This Evaluation 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.

1. MATERIAL - COST AND AVAILABILITY

Refer to LIEBHERR ABG-SEMCA Service Bulletin No. 744A-21-05.

1. TOOLING - PRICE AND AVAILABILITY

None

1. WEIGHT AND BALANCE

None

1. REFERENCES

Aircraft Maintenance Manual 12-34-24, 21-52-23, 21-52-41, 21-61-00,

21-61-34, 21-63-00, 52-10-00, 53-35-13

LIEBHERR ABG-SEMCA Service Bulletin No. 744A-21-05

1. PUBLICATIONS AFFECTED

None

1. ACCOMPLISHMENT INSTRUCTIONS
2. GENERAL
3. ELectricaLLy ground the aircraft (Refer to AMM 12-34-24, P. Block 201).

(2> Put the access platform in position at the passenger/creu door.

(3) Open the FWD passenger/crew door (Refer to AMM 52-10-00, P. BLock 201).

<4) Openz safety and tag the circuit breakers as given in AMM 21-52-41, P. Block 401.

1. Put the access platform in position at the access panel 191KB (Refer to AMM 53-35-13, P・ BLock 401).

<6) Remove and retain the access panel 191KB (Refer to AMM 53-35-13, P・ BLock 401).

1. MODIFICATION

NOTE: This modification has to be embodied on the air-conditioning pack 10HM, LH.

(1) Replace the pack controller 7HHZ 759A000D-08 with 759B0000-01 (Refer to AMM 21-61-34, P・ BLock 401).

<2) Do the modification to the air-conditioning pack 10HMz LH, 744A0000-08 as given in the LIEBHERR ABG-SEMCA Service Bulletin No. 744A-21-05.

(3) Change the modified air-conditioning pack 10HM number from 744A0000 -08 to 744C0000-01.

1. TEST

(1) Remove the safety dips and tags and close the circuit breakers opened in Para. 2.A.(4).

<2) Do a leak check of the pipe assy connections (Refer to AMM 21-52-23, P. BLock 401).

(3) Do an operational test of the cockpit and cabin temperature system (Refer to AMM 21-61-00, P. BLock 501).

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EVALUATION  
SERVICE BULLETIN

1. CLOSE・UP
2. Make sure that the work area is clean and dear of tooLs and other iterns .
3. Install the retained access panel 191KB (Refer to AMM 53-35-13, P. Block 401).
4. CLose the FWD passenger/creu door (Refer to AMM 52-10-00, P. BLock 201).
5. Remove the access platforms.
6. DOCUMENTATION

Write in the related A/C technical records that you did this Service Bulletin.

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EVALUATION  
SERVICE BULLETIN

3. MATERIAL INFORMATION

Refer to LIEBHERR ABG-SEMCA Service Bulletin No. 744A-21-05

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1 Rond Point Maurice BELLONTE 31707 BLAGNAC CEDEX FRANCE TeL: (33) 61-93-33-33

Telex： AIRBU 530526 F

MODIFICATION NO： 22100K2246

ATA SYSTEM： 21

AIR-CONDITIONING PACK ・ EVALUATE THE IMPROVED PACK

TITLE： AIR-CONDITIONING - DE-ICING

IS BEING HEREWITH SUBMITTED TO YOU FOR REVIEW

PLease fiLL :

・.・REJECTED

... WILL BE EMBODIED

... EFFECTIVITY

This SB can onLy be incorporated in your 11 customized\*1 documentation wi thin 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 :

|  |  |
| --- | --- |
| AIRLINE : | AIRBUS INDUSTRIE PRODUCT SUPPORT DIRECTORATE T Rond Point Maurice BELLONTE |
| NAME : | 31707 BLAGNAC CEDEX FRANCE  Att. : AI/SP - Technical Publ让ations  Department |

DATE :

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