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AIRBUS  INDUSTRIE
A320
SERVICE BULLETIN
SUMMARY

This Summary is for Information Only and is not D.G.A.C. approved
for modification on the aircraft.

Modification No. : 20936/K0936

ATA SYSTEM : 21

TITLE : AIR CONDITIONING - INTRODUCE PACK CONTROLLERS
P/N 759A0000-04A and 759A0000-05A SOFTWARE MODIFICATION

REASON :

The purpose of this Service Bulletin is to inform A320 Operators about
issuance of LIEBHERR/ABG SEMCA Service Bulletin 759-21-01 dated Jun. 88.

ACTION :

Remove existing pack controllers and reinstall modified ones as per LIEBHERR/
ABG SEMCA SB.

EFFECTIVITY :

A/C MSN 005, 006, 007, 008.

COMPLIANCE :

Desirable.

MANPOWER :

Manhours : 1

Elapsed time : 1

DATE : JUL. 20/88

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REVISION No. :

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P/N 759A0000-04A and 759A0000-05A SOFTWARE MODIFICATION

1. PLANNING INFORMATION :

A. EFFECTIVITY

(1) Aircraft Models : 320-111

(2) Aircraft

| Customer and Fleet N° | MSN |
|--------------------------|-----------|
| AFR 001, 002 | 005, 007 |
| BAW 001, 002 | 006, 008. |

This modification is embodied prior to delivery on Aircraft
MSN 010 and subsequent.

(3) Spares

None

B. REASON :

The purpose of this Service Bulletin is to inform A320 operators
about issuance of LIEBHERR/ABG-SEMCA Service Bulletin
759-21-01 dated JUN. 88.

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This Service Bulletin proposes the following improvements :

- (1) Increase the confidence level of failure detection and improve the ECAM flow indication stability
- (2) Ease the ACM behaviour
- (3) Prevent unjustified detection failures :
 - (a) FCV stepper motor incorrect answer.
 - (b) Water extractor temperature sensor failure detection when temperature reaches 110° C
 - (c) Erroneous primary and secondary measurement comparison.
- (4) ACM wind milling when the FCV is closed during flight.
- (5) Modify flow indication filtering to avoid ECAM indication fluctuation.

C. DESCRIPTION :

Accomplishment of this Service Bulletin consists in carrying out the following on the Aircraft :

- Remove Pack controllers as per AMM 21-61-00 Page Block 401
- Accomplish LIEBHERR/ABG-SEMCA Service Bulletin 759-21-01
- Reinstall Pack controllers as per AMM 21-61-00 Page Block 401
- Test as per AMM 21-61-00 Page Block 501.

D. APPROVAL :

This Service Bulletin is approved by Direction Générale de l'Aviation Civile - FRANCE (D.G.A.C.).

E. MANPOWER :

| | <u>Manhours</u> |
|--------------------------------------|-----------------|
| - Remove unmodified Pack Controller | 0.5 |
| - Reinstall modified Pack Controller | <u>0.5</u> |
| TOTAL MANHOURS | 1 |
| ELAPSED TIME | 1 |

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SERVICE BULLETIN

NOTE : This 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, non-productive elapsed time, or administrative functions.

F. MATERIAL - COST AND AVAILABILITY :

Refer to LIEBHERR/ABG-SEMCA Service Bulletin 759-21-01.

G. TOOLING - PRICE AND AVAILABILITY :

None.

H. WEIGHTS AND BALANCE :

None.

I. REFERENCES :

Aircraft Maintenance Manual : 21-61-00.

J. PUBLICATION AFFECTED :

Illustrated Parts Catalog : 21-61-08
21-61-34

2. MATERIAL INFORMATION :

| Pre Mod Controllers | Post Mod Controllers |
|----------------------------|------------------------------|
| 759A0000-04 759A0000-05 | 759A0000-04A 759A0000-05A |

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