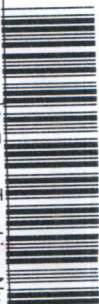


61879853



3. Form Tracking Number

1. Approving Competent Authority / Country

2.

LBA / Germany

AUTHORISED RELEASE CERTIFICATE
EASA FORM 1

21489041 00000001

4. Organisation Name and Address:



Lufthansa Technik

Lufthansa Technik AG
Weg beim Jäger 193
22335 Hamburg
Germany

5. Work Order/Contract/Invoice

61879853

6. Item

7. Description

8. Part No.

9. Qty.

10. Serial No.

11. Status / Work

01 ECU NON-PMUX (SAC & DAC)

2123M56P01

1

LMDN3523

INSPECTED / TESTED

12. Remarks

Avianca Inc. R2625922 T&M

ATA 7321

TP F

MK-No. 10

Pack Code 00

Resp. Workshop 33436010

Workshop Station HAM305

Opr. Hours Cycle Opr. Day

TT 12132 12493 UNKNOWN

TSO UNKNOWN UNKNOWN

TSC UNKNOWN UNKNOWN

TSF 0 0 UNKNOWN

TASK PERFORMED IN ACCORDANCE WITH CMM 73-21-68

REV. 14 / CMDS 73-21-68 ISSUE 069

Return to Service in Accordance with 14 CFR part 43

The work identified in block 11 and described herein has been accomplished in accordance with 14 CFR part 43 and in respect to that work the items are approved for return to service under

FAA Certificate No. DLA7225D

☒ Further details of work performed are attached either in a Workshop Report (reference number: see blocks 3 and 5) or in other applicable documents.

13a. Certifies that the items identified above were manufactured in conformity to:

☐ approved design data and are in a condition for safe operation☐ non-approved design data specified in block 1214a. ☒ Part-145, A-50 Release to Service

Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, was accomplished in accordance with Part-145 and in respect to that work the items are considered ready for release to service.

☒ Other Regulation specified in block 12

13b. Authorised Signature

13c. Approval / Authorisation Number

14b. Authorised Signature

439693

13d. Name

13e. Date (dd mm yyyy)

14d. Name

Thomas Petersen

14c. Certificate / Approval Ref. Number

DE.145.0001

14e. Date (dd mm yyyy)

15 Aug 2022

EASA FORM 1 - Issue 3

USER/INSTALLER RESPONSIBILITIES

Note: This certificate does not automatically constitute authority to install the item(s).

Where the user/installer performs work in accordance with regulations of an airworthiness authority different from the airworthiness authority specified in block 1, it is essential that the user/installer ensures that the user/installer performs work in accordance with regulations of an airworthiness authority specified in block 1.

Statements in blocks 13a and 14a do not constitute installation certification. In all cases aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

Workshop Report

61879853



Customer Order No.

R2625922 T&M



Lufthansa Technik

Lufthansa Technik AG
Weg beim Jäger 193
22335 Hamburg
Germany

Certificate Ref. No.

21489041 00000001

Work Order/Contract/Invoice

61879853

Part. No. as received

2123M56P01

Serial No. as received

LMDN3523

Description

ECU NON-PMUX (SAC & DAC)

Part No. as dispatched

2123M56P01

Serial No. as dispatched

LMDN3523

Responsible Workshop

33436010

Reason for removal

DUAL CHANNEL VSV ACTUATOR FAULT FROM CNR NUMBER 20220525061 DUAL CHANNEL VSV ACTUATOR FAULT.

Findings

ECU was provided with flange and orifice plate.
One resilient mount is in bad condition.
NVM channel A: ADC INPUT NOT USED FAULT.
NVM channel B: VSV FEEDBACK SIGNAL, ADC INPUT NOT USED FAULT.

Action

External visual inspection performed with findings.
NVM retrieval performed with findings.
SCUS swapped due to (VSV FEEDBACK SIGNAL) in NVM on channel B.
Final failed with DCU/A faults (N1) (ATEC S6-15)
DCUs swapped due Final test results.
Final hardware acceptance test performed at cold, room and hot temperature successfully.
Flight software installed.
Software ECU: 2044M38P08 (5.B.T.F1) SB 73-0285

Name

439693, Thomas Petersen

Date (dd mmm yyyy)

15 Aug 2022

The work specified above has been performed subject to Lufthansa Technik's Standard conditions for Technical Services which, if not superseded by another agreement or not yet agreed upon before, are acknowledged by the customer with acceptance of the part(s) hereunder.