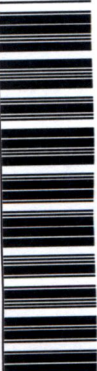


62021384



1. Approving Competent
Authority / Country

CAA
UK

4. Organisation Name and Address



Lufthansa Technik

Lufthansa Technik AG
Weg beim Jäger 193
22335 Hamburg
Germany

AUTHORISED RELEASE CERTIFICATE

CAA FORM 1

21729555 00000001

3. Form Tracking Number

5. Work Order / Contract / Invoice

62021384

6. Item 7. Description

01 FMC-FLIGHT MANAGEMENT COMPUTER

8. Part No.

4090000-906

9. Qty.

1

10. Serial No.

40637053

11. Status / Work

REPAIRED

12. Remarks

ATA 2275

TP R

MK-No. 10

Pack Code 00

Resp. Workshop 33431060

Workshop Station HAM305

A.J. Walter (Aviation) Ltd. R420098

Software loaded:
OPS P/N: HNP56XAL01X8004
Perf DB P/N: HNP5BXAD06X8006
MVDB P/N: HNP5BXAD03X8003.

Op. Hours

1566

Cycle

622

Op. Day

UNKNOWN

TT

UNKNOWN

UNKNOWN

UNKNOWN

TSC

UNKNOWN

UNKNOWN

UNKNOWN

0

0

0

TASK PERFORMED IN ACCORDANCE WITH CMM 22-75-05 REV. 2 /
CMDS 22-75-05 ISSUE 016

☒ Further details of work performed are attached either in a Workshop Report reference number, see block 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 12.

13b. Authorised Signature

13c. Approval / Authorisation Number

13d. Name

13e. Date (dd mmm yyyy)

14a. ☒ 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.

14b. Authorised Signature

056127

Bernd Hennig

14c. Certificate / Approval Ref. Number

UK.145.01408

14d. Name

14e. Date (dd mmm yyyy)

13 Dec 2023

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 his/her airworthiness authority accepts items from the 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.

62021384

1. Approving Competent
Authority / Country

2.

LBA / Germany

AUTHORISED RELEASE CERTIFICATE
EASA FORM 1

3. Form Tracking Number

21729555 00000001

4. Organisation Name and Address:



Lufthansa Technik

Lufthansa Technik AG
Weg beim Jäger 193
22335 Hamburg
Germany

5. Work Order/Contract/Invoice

62021384

6. Item

7. Description

8. Part No.

9. Qty.

10. Serial No.

11. Status / Work

01 FMC-FLIGHT MANAGEMENT
COMPUTER

4090000-906

1

40637053

REPAIRED

12. Remarks

A.J. Walter (Aviation) Ltd. R420098

TP R

MK-No. 10

Pack Code 00

Resp. Workshop 33431060

Workshop Station HAM305

Software loaded:

OPS P/N: HNP56XAL01X8004

Perf DB P/N: HNP5BXAD06X8006

MVDB P/N: HNP5BXAD03X8003.

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 release or return to service under

FAA Certificate No.: DLAY225D

TCCA Approval No.: 897-08

TASK PERFORMED IN ACCORDANCE WITH CMM 22-75-05
REV. 2 / CMDS 22-75-05 ISSUE 016

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 12

14a. ☒ 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.

☒ Further details of work performed are attached either in a Workshop Report reference number see blocks 3 and 5 or in other applicable documents☒ Other Regulation specified in block 12

13b. Authorised Signature

13c. Approval / Authorisation Number

14b. Authorised Signature

056127

14c. Certificate / Approval Ref. Number

DE.145.0001

13d. Name

13e. Date (dd mmm yyyy)

14d. Name

Bernd Hennig

14e. Date (dd mmm yyyy)

13 Dec 2023

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 than the airworthiness authority specified in block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts items from the 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



Lufthansa Technik

Lufthansa Technik AG
Weg beim Jäger 193
22335 Hamburg
Germany

62021384

Certificate Ref. No.

21729555 00000001



Work Order/Contract/Invoice

62021384

Description

FMC-FLIGHT MANAGEMENT COMPUTER

Responsible Workshop

33431060

Modification Status according to Mod-Label

A B

PRE-DEPARTURE CHK FOUND DM SHOW AUOFLT FMC-A.
TSN: 1566.48 CSN: 622

Findings

Customers reported defect confirmed.
CS3 on power supply card A3 burned. Has to be replaced.
Initial functional test performed with spare card A3 passed.
BITE evaluation shows some lockstep errors and many external faults (activity and validity unit faults).
External condition of unit: No obvious damage visible.
All scratches are caused by normal wear and tear and don't affect functionality.
Honeywell seals not broken.

Action

A3C53 replaced.
Final acceptance test performed successfully on ATEC6-613.
Final PUB performed successfully.
Software loaded.
OPS P/N: HNP56XAL01X8004
Perf DB P/N: HNP5BXAD06X8006
MVDB P/N: HNP5BXAD03X8003.

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.

LHT Form 30992 H-19) (HAM T/CE-Q)

Name

56127, Bernd Hennig

Date (dd mm yy)

13 Dec 2023