

1. Approving competent Authority / Country

**Luftfahrt-Bundesamt/
Germany**

2.

AUTHORISED RELEASE CERTIFICATE EASA FORM 1

3. Form Tracking Number



220000044324

4. Organisation Name and Address

LIEBHERR-AEROSPACE LINDENBERG GmbH • Pfäenderstr. 50-52 • 88161 • Lindenberg • Germany • Phone: +49 (0) (8381) 46-0 • Fax: +49 (0) (8381) 46 4377

D9893 LIEBHERR

5. Work Order / Contract / Invoice

30554

6. Item

7. Description

1

ANTI-ICING VALVE

8. Part No

748A0000-08

9. Qty.

1

10. Serial No

0748A00LI005049

11. Status / Work

Repaired

12. Remarks

Approved Data: 21-52-14 / Rev. 03 / 11.04.2002

SFR No.: 30554 Rev. 2

DMF: 122004

"The work identified in Block 11 and described here has been accomplished in accordance with 14 CFR part 43 and in respect to the work, the items are approved for return to service under certificate no. LA7Y195J."

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

☒ Other regulation specified in block 12

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

ANDREAS KITTLER
CERTIFYING INSPECTOR

Electronic Signature on File

14d. Name

Andreas Kittler

14c. Certificate / Approval Ref. No

DE.145.0034

14e. Date (dd mmm yyyy)

02 May 2022

User / Installer Responsibilities

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.

1. Approving competent Authority/Country CAA/UK		2. AUTHORISED RELEASE CERTIFICATE CAA FORM 1		3. Form Tracking Number  UK220000044324	
4. Organisation Name and Address: LIEBHERR LIEBHERR-AEROSPACE LINDENBERG GmbH • Pfanderstr. 50-52 - 88161 • Lindenberg • Germany • Phone: +49 (0) (8381) 46-0 • Fax: +49 (0) (8381) 46 4377				5. Work Order/Contract/Invoice 30554	
6. Item	7. Description	8. Part No	9. Qty.	10. Serial No	11. Status/Work
1	ANTI-ICING VALVE	748A0000-08	1	0748A00LI005049	Repaired
12. Remarks Approved Data: 21-52-14 / Rev. 03 / 11.04.2002 SFR No.: 30554 Rev. 2 DMF: 122004					
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. ☐ Other regulation specified in block 12			
13b. Authorised Signature		13c. Approval / Authorisation Number		14b. Authorised Signature ANDREAS KITTLER CERTIFYING INSPECTOR Electronic Signature on File	
13d. Name		13e. Date		14c. Certificate / Approval Ref. No UK.145.01542	
				14d. Name Andreas Kittler	
				14e. Date (dd mm yyyy) 02 May 2022	
USER / INSTALLER RESPONSIBILITIES 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.					

SHOP FINDING REPORT

LIEBHERR REPAIR DOSSIER:	30554	CONTACT:	ccca3 lli
RECEPTION DATE:	21 MAR 2022	EMAIL:	ccca3.lli@liebherr.com
CUSTOMER PURCHASE ORDER:	R392973	DATE:	02 MAY 2022
OPERATOR:	NILE AIR		
AIRCRAFT TYPE:	A321		
AIRCRAFT REG. NUMBER:	SU-BQL		
AIRCRAFT SERIAL NUMBER:	N/A		
ADD. CUSTOMER DOCUMENTS:	N/A		

RECEIVED UNIT

CUSTOMER REFERENCE:	748A0000-08
PART NUMBER:	748A0000-08
AMENDMENT:	-
SERIAL NUMBER:	0748A00LI005049
DESCRIPTION:	FLOW CONTROL VALVE
MANUFACTURING CODE:	F1958
MANUFACTURING DATE:	122004

DELIVERED UNIT

CUSTOMER REFERENCE:	748A0000-08
PART NUMBER:	748A0000-08
AMENDMENT:	-
SERIAL NUMBER:	0748A00LI005049
DESCRIPTION:	FLOW CONTROL VALVE

TIMES & CYCLES

TSN	TSO	TSI	CSN	CSO	CSI
N/A	N/A	N/A	N/A	N/A	N/A

INSTALLATION DATE:	N/A	REMOVAL DATE:	N/A
LIFE LIMITED PARTS EXISTING:	No	NON INCIDENT STATEM.:	No
LOG CARD EXISTING:	No		

MAINTENANCE DOSSIER:	748* / VERSION 1 (04 JAN 2022)
APPROVED DATA & MAINTENANCE DOCUMENTS:	CMM 21-52-14 / REVISION 03 / 11 APR 2002

TYPE OF CERTIFICATE:	FAA PART 145, EASA PART 145, CAA UK PART 145	WORK REQUESTED:	REPAIR
		WORK PERFORMED:	Repaired

REASON FOR RETURN:

CHECK

FINDINGS AND ANALYSIS:

Findings from Analysis:

- Unit received in dirty condition.
- The protective caps were missing
- Housing flanges scratched
- Pressure regulator internal contaminated.

Findings on parts:

- PIPING, ASSY 748A0800-04, Serial no./Batch no. N/A, Reason for removal: Worn
- PIPING, ASSY 748A0300-04, Serial no./Batch no. N/A, Reason for removal: Worn
- ROLL DIAPHRAGM 9079B0001-01, Serial no./Batch no. N/A, Reason for removal: Worn
- BUSHING 750-0120, Serial no./Batch no. N/A, Reason for removal: Coating flawed
- BALL BEARING 9006A0033-01, Serial no./Batch no. N/A, Reason for removal: Worn
- BALL BEARING 9006A0033-01, Serial no./Batch no. N/A, Reason for removal: Worn
- RING 750-0111, Serial no./Batch no. N/A, Reason for removal: Worn
- VALVE HOUSING, ASSY 748A0100-01, Serial no./Batch no. N/A, Reason for removal: Dirty
- DIAPHRAGM 871A0200-02, Serial no./Batch no. N/A, Reason for removal: Worn
- BUSHING 1011-0035, Serial no./Batch no. N/A, Reason for removal: Worn
- BUSHING 1011-0035, Serial no./Batch no. N/A, Reason for removal: Worn
- FILTER 9026A0025-01, Serial no./Batch no. N/A, Reason for removal: Dirty

WORK PERFORMED:

- Unit disassembled in accordance with referenced approved data.
- Unit cleaned in accordance with the referenced approved data.
- Unit inspected in accordance with referenced approved data.
- Unit repaired in accordance with the referenced approved data.
- Unit tested in accordance with referenced approved data.

Work performed on parts:

- PIPING, ASSY 748A0800-04, Serial no./Batch no. N/A, Corrective action: Replaced with a Part Number 748A0800-04 unit in status "New" with Batch Number 413412.
- PIPING, ASSY 748A0300-04, Serial no./Batch no. N/A, Corrective action: Replaced with a Part Number 748A0300-04 unit in status "New" with Batch Number 413813.
- ROLL DIAPHRAGM 9079B0001-01, Serial no./Batch no. N/A, Corrective action: Replaced with a new unit with Part Number 9079B0001-01 with Batch Number L21104735.
- BUSHING 750-0120, Serial no./Batch no. N/A, Corrective action: Replaced with a maintained unit with Part Number 750-0112 with Batch Number N/A.
- BALL BEARING 9006A0033-01, Serial no./Batch no. N/A, Corrective action: Replaced with a new unit with Part Number 9006A0033-01 with Batch Number MWCYK60.
- BALL BEARING 9006A0033-01, Serial no./Batch no. N/A, Corrective action: Replaced with a new unit with Part Number 9006A0033-01 with Batch Number MWCYK60.
- RING 750-0111, Serial no./Batch no. N/A, Corrective action: Replaced with a new unit with Part Number 750-0111 with Batch Number KD0316A.

- VALVE HOUSING, ASSY 748A0100-01, Serial no./Batch no. N/A, Corrective action: Unit maintained.
- DIAPHRAGM 871A0200-02, Serial no./Batch no. N/A, Corrective action: Replaced with a new unit with Part Number 871A0200-02.
- BUSHING 1011-0035, Serial no./Batch no. N/A, Corrective action: Replaced with a Part Number 1011-0035 unit in status "New" with Batch Number 936247.
- BUSHING 1011-0035, Serial no./Batch no. N/A, Corrective action: Replaced with a Part Number 1011-0035 unit in status "New" with Batch Number 936247.
- FILTER 9026A0025-01, Serial no./Batch no. N/A, Corrective action: Replaced with a new unit with Part Number 9026A0025-01 with Batch Number ICC123806.

LIFE LIMITED PARTS RECEIVED:

N/A

LIFE LIMITED PARTS DELIVERED:

N/A

SHOP FINDING REPORT APPROVED:

VALIDATION DATE:

02 MAY 2022

VALIDATED BY:

Carsten Zoega (electronic signature)