

1. Approving competent Authority / Country Luffahrt-Bundesamt/ Germany		2. AUTHORISED RELEASE CERTIFICATE EASA FORM 1		3. Form Tracking Number  220000020492	
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				5. Work Order / Contract / Invoice 27307	
6. Item	7. Description	8. Part No	9. Qty.	10. Serial No	11. Status / Work
1	ANTI-ICING VALVE	748A0000-08	1	0748A00LI004714	Repaired
12. Remarks Approved Data: 21-52-14 / Rev. 03 / 11.04.2002 SFR No.: 27307 Rev. 2 DMF: 112003					
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		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.	
13d. Name		13e. Date (dd mmm yyyy)		14b. Authorised Signature ANDREAS KITTLER CERTIFYING INSPECTOR Electronic Signature on File Andreas Kittler	
		14c. Certificate / Approval Ref. No DE.145.0034		14d. Date (dd mmm yyyy) 03 Mar 2022	
14e. Date (dd mmm yyyy) 03 Mar 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 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.					

"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."

SHOP FINDING REPORT

LIEBHERR REPAIR DOSSIER:	27307	CONTACT:	ccca3 lli
RECEPTION DATE:	10 JAN 2022	EMAIL:	ccca3.lli@liebherr.com
CUSTOMER PURCHASE ORDER:	R390305	DATE:	03 MAR 2022
OPERATOR:	Smart Lynx		
AIRCRAFT TYPE:	A321		
AIRCRAFT REG. NUMBER:	YL-LCV		
AIRCRAFT SERIAL NUMBER:	N/A		
ADD. CUSTOMER DOCUMENTS:	N/A		

RECEIVED UNIT

CUSTOMER REFERENCE: 748A0000-08
PART NUMBER: 748A0000-08
AMENDMENT: -
SERIAL NUMBER: 0748A00LI004714
DESCRIPTION: FLOW CONTROL VALVE
MANUFACTURING CODE: F1958
MANUFACTURING DATE: 112003

DELIVERED UNIT

CUSTOMER REFERENCE: 748A0000-08
PART NUMBER: 748A0000-08
AMENDMENT: -
SERIAL NUMBER: 0748A00LI004714
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:	EASA PART 145, FAA PART 145	WORK REQUESTED:	Repair
		WORK PERFORMED:	Repaired

REASON FOR RETURN:

AME-Pack2 AntiCing Valve found with damaged tube at Lower side

FINDINGS AND ANALYSIS:

Findings from Analysis:

- Unit received in dirty condition.
- Pressure regulator internal contaminated.

Findings on parts:

- 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
- 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:

- 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.
- FILTER 9026A0025-01, Serial no./Batch no. N/A, Corrective action: Replaced with a new unit with Part Number 9026A0025-01 with Batch Number ICC115706.

LIFE LIMITED PARTS RECEIVED:

N/A

LIFE LIMITED PARTS DELIVERED:

N/A

SHOP FINDING REPORT APPROVED:

VALIDATION DATE:

02 MAR 2022

VALIDATED BY:

Sigrid Ruppaner (electronic signature)