

1. Approving competent Authority / Country Luftfahrt-Bundesamt/ Germany		2. AUTHORISED RELEASE CERTIFICATE EASA FORM 1		3. Form Tracking Number  230000255315	
4. Organisation Name and Address LIEBHERR-AEROSPACE LINDENBERG GmbH • Pfaenderstr. 50-52 - 88161 • Lindenberg • Germany • Phone: +49 (0) (8381) 46-0 • Fax: +49 (0) (8381) 46 4377				5. Work Order / Contract / Invoice 51243	
6. Item	7. Description	8. Part No	9. Qty.	10. Serial No	11. Status / Work
1	MANIFOLD, ASSY	1553A9900-01	1	1553A99LI002174	Modified
12. Remarks Approved Data: 29-10-20 / Rev. 5 / 22.11.2019 SFR No.: 51243 Rev. 3 DMF: 052006 Amendment: A					
Maintenance Documents: Rev 0 12.09.2019 1553A-29-06					
TCCA acceptance number: 898-09					
"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.		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.			
13b. Authorised Signature		13c. Approval / Authorisation Number		14b. Authorised Signature ANDREAS BAYER CERTIFYING INSPECTOR 18	
13d. Name		13e. Date (dd mmm yyyy)		14c. Certificate / Approval Ref. No DE.145.0034	
				14d. Name Andreas Bayer	
				14e. Date (dd mmm yyyy) 20 Nov 2023	
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 国家 Country People's Republic of China		2 中国民用航空总局 CAAC 批准放行证书/适航批准标签 AUTHORIZED RELEASE CERTIFICATE/AIRWORTHINESS APPROVAL TAG		3 证书编号 Certificate Ref. No.  C230000255315		
4 单位 Organization Address: LIEBHERR-AEROSPACE LINDENBERG GmbH P. O. BOX 1363 88153 Germany Phone: +49 (0) (83 81) 46-0 Fax: +49 (0) (8381) 46 43 77		D9893 LIEBHERR				
6 序号 Item	7 内容 Description	8 件号 Part No.	9 适用性 Eligibility	10 数量 Quantity	11 序列号/批号 Serial/Batch No.	12 产品状态 Status/Work
1	MANIFOLD, ASSY	1553A9900-01	APPLICABLE TO MULTIPLE TYPES	1	1553A99L1002174	Modified
13 备注 Remarks Approved Data: 29-10-20 / Rev. 5 / 22.11.2019 SFR No.: 51243 Rev.3 DMF: 052006 Amendment A Maintenance Documents: Rev 0 12.09.2019 1553A-29-06						
14 新产品 New Parts 兹声明上述产品除第 13 项的其它规定以外, 已按照上述国家适航条例进行制造/检查, 并且该产品 (出口产品) 符合经批准的型号设计资料和进口国提出的专用要求。 Certifies that the Part(s) identified above except as otherwise specified in block 13 was (were) manufactured/inspected in accordance with the airworthiness regulations of the stated country and/or in the case of parts to be exported with the approved design data and with the notified special requirements of the importing country.						
15 使用过的产品 Used Parts 兹声明上述产品除第 13 项的其它规定以外, 已按照上述国家适航条例和进口国通知的特殊要求进行工作, 该产品处于安全可用状态可以批准放行使用。 Certifies that the work specified above except as specified in block 13 was carried out in accordance with the airworthiness regulations of the stated country and the notified special requirements of the importing country and in respect to that work, the part(s) is (are) in condition for safe operation and considered ready for release to service. (over)		16 批准人签名 Signature  17 批准人姓名 (打印的) Name (Printed) Andreas Bayer				
18 批准日期 Date 20 Nov 2023		19 中国民航总局授权 Issued by or on behalf of the CAAC F04900357				

1. Approving competent Authority/Country CAA/UK		2. 2. AUTHORISED RELEASE CERTIFICATE CAA FORM 1		3. Form Tracking Number  UK230000255315	
4. Organisation Name and Address: LIEBHERR-AEROSPACE LINDENBERG GmbH • Pfänderstr. 50-52 - 88161 • Lindenberg • Germany • Phone: +49 (0) (8381) 46-0 • Fax: +49 (0) (8381) 46 4377				5. Work Order/Contract/Invoice 51243	
6. Item	7. Description	8. Part No	9. Qty.	10. Serial No	11. Status/Work
1	MANIFOLD, ASSY	1553A9900-01	1	1553A99LI002174	Modified
12. Remarks Approved Data: 29-10-20 / Rev. 5 / 22.11.2019 SFR No.: 51243 Rev. 3 DMF: 052006 Amendment: A Maintenance Documents: 1553A-29-06 Rev 0 12.09.2019					
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		14b. Authorised Signature ANDREAS BAYER  Electronic Signature on File Andreas Bayer	
				14c. Certificate / Approval Ref. No UK.145.01542	
				14e. Date (dd mmm yyyy) 20 Nov 2023	
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:	51243	CONTACT:	AirlinerCS LLI
RECEPTION DATE:	16 AUG 2023	EMAIL:	AirlinerCS.LLI@liebherr.com
CUSTOMER PURCHASE ORDER:	252569391	DATE:	28 SEPT 2023
OPERATOR:	Scandinavian Airlines System		
AIRCRAFT TYPE:	A320		
AIRCRAFT REG. NUMBER:	OY-KBP		
AIRCRAFT SERIAL NUMBER:	2888		
ADD. CUSTOMER DOCUMENTS:	N/A		

RECEIVED UNIT

CUSTOMER REFERENCE:	1553A9900-01
PART NUMBER:	1553A9900-01
AMENDMENT:	-
SERIAL NUMBER:	1553A99LI002174
DESCRIPTION:	MANIFOLD, ASSY
MANUFACTURING CODE :	D9893
MANUFACTURING DATE:	052006

DELIVERED UNIT

CUSTOMER REFERENCE:	1553A9900-01
PART NUMBER:	1553A9900-01
AMENDMENT:	A
SERIAL NUMBER:	1553A99LI002174
DESCRIPTION:	MANIFOLD, ASSY

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:	1553*9900* / VERSION 1 (28 MAY 2021)
APPROVED DATA & MAINTENANCE DOCUMENTS:	CMM 29-10-20 / REVISION 5 / 22 NOV 2019 SB 1553A-29-06 / REVISION 0 / 12 SEPT 2019

TYPE OF CERTIFICATE:	CAA UK PART 145, CCAR PART 145, TCCA PART 145, FAA PART 145, EASA PART 145	WORK REQUESTED:	TEST
		WORK PERFORMED:	Modified

REASON FOR RETURN:

FUNCTIONAL TEST AND REPAIR ACC.

SB 1553-29-06, ON ATTRITION ONLY OTHERWISE PLEASE ASSURE STATEMENT OF MD STATUS ON THE CERTI

FINDINGS AND ANALYSIS:

Findings from Analysis:

- Unit, has leakage
- Last repair not at LLI.
- Unit received in dirty condition.

Findings on parts:

- PRESSURE CONTROL VALVE 114151004 A, Serial no./Batch no. DH-2898-06, Reason for removal: Leakage
- PRESSURE CONTROL VALVE 114151004 B, Serial no./Batch no. TA2303849, Reason for removal: Unit failed during final test
- SAMPLING VALVE 71190400010NCOA, Serial no./Batch no. M176570-026, Reason for removal: Leakage

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 modified in accordance with the referenced approved data.
- Unit tested in accordance with referenced approved data.

Work performed on parts:

- PRESSURE CONTROL VALVE 114151004 A, Serial no./Batch no. DH-2898-06, Corrective action: Replaced with a new unit with Part Number 114151004 B with Serial Number TA2303849.
- PRESSURE CONTROL VALVE 114151004 B, Serial no./Batch no. TA2303849, Corrective action: Replaced with a new unit with Part Number 114151004 B with Serial Number TA2209876.
- SAMPLING VALVE 71190400010NCOA, Serial no./Batch no. M176570-026, Corrective action: Replaced with a new unit with Part Number 71190400010NCOAA with Serial Number B8506.

LIFE LIMITED PARTS RECEIVED:

N/A

LIFE LIMITED PARTS DELIVERED:

N/A

SHOP FINDING REPORT APPROVED:

VALIDATION DATE:

28 SEPT 2023

VALIDATED BY:

Manuel Fegel (electronic signature)