

1. Approving competent Authority / Country

Luffahrt-Bundesamt/
Germany

2.

AUTHORISED RELEASE CERTIFICATE EASA FORM 1

3. Form Tracking Number



230000275623

5. Work Order / Contract / Invoice

53804

4. Organisation Name and Address

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

6. Item

7. Description

PLENUM

8. Part No

2230A0000-01

9. Qty.

1

10. Serial No

2230A00LI000237

11. Status / Work

Repaired

12. Remarks

Approved Data: 21-52-52 / Rev. 04 / 28.07.2023

SFR No.: 53804 Rev. 1

DMF: 072004

Periods of times / cycles:

Unit TSN: 35398:51:00

Unit CSN: 5651

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.

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

CARSTEN ZOEGA
CERTIFYING INSPECTOR

Electronic Signature on File

14d. Name

Carsten Zoega

14c. Certificate / Approval Ref. No

DE.145.0034

14e. Date (dd mmm yyyy)

13 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.

2 中国民用航空总局 CAAC		☐ 符合性 Conformity		☒ 适航性 Airworthiness		3 证书编号 Certificate Ref. No.	
People's Republic of China		批准放行证书/适航批准标签 AUTHORIZED RELEASE CERTIFICATE/AIRWORTHINESS APPROVAL TAG					
4 单位 Organization		D9893 LIEBHERR					
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		5 工作单/合同单/货单 Work Order/Contract/Invoice 53804					
6 序号 Item	7 内容 Description	8 件号 Part No.	9 适用性 Eligibility	10 数量 Quantity	11 系列号/批号 Serial/Batch No.	12 产品状态 Status/Work	
1	PLENUM	2230A0000-01	APPLICABLE TO MULTIPLE TYPES	1	2230A00L1000237	Repaired	
13 备注 Remarks Approved Data: 21-52-52 / Rev. 04 / 28.07.2023 SFR No.: 53804 Rev.1 DMF: 072004		Periods of times / cycles: Unit TSN: 35398:51:00 Unit CSN: 5651					
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, 且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了工作, 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 to service. (over)					
16 批准人签名 Signature		18 批准日期 Date		19 中国民航总局授权 Issued by or on behalf of the CAAC			
17 批准人姓名 (打印的) Name (Printed)		13 Nov 2023		F04900357			
AAC-038 (12/94)		*参阅产品目录详细查找适用性 Cross-check eligibility for more details with parts catalogue					

SHOP FINDING REPORT

LIEBHERR REPAIR DOSSIER: 53804
RECEPTION DATE: 13 OCT 2023
CUSTOMER PURCHASE ORDER: T42215
OPERATOR: Etihad Airways
AIRCRAFT TYPE: A330
AIRCRAFT REG. NUMBER: A6-EYE
AIRCRAFT SERIAL NUMBER: 688
ADD. CUSTOMER DOCUMENTS: N/A

CONTACT: AirlinerCS LLI
EMAIL: AirlinerCS.LLI@liebherr.com
DATE: 13 NOV 2023

RECEIVED UNIT

CUSTOMER REFERENCE: 2230A0000-01
PART NUMBER: 2230A0000-01
AMENDMENT: -
SERIAL NUMBER: 2230A00LI000237
DESCRIPTION: PLENUM
MANUFACTURING CODE: F1958
MANUFACTURING DATE: 072004

DELIVERED UNIT

CUSTOMER REFERENCE: 2230A0000-01
PART NUMBER: 2230A0000-01
AMENDMENT: -
SERIAL NUMBER: 2230A00LI000237
DESCRIPTION: PLENUM

TIMES & CYCLES

TSN	TSO	TSI	CSN	CSO	CSI
35398:51:00	N/A	N/A	5651	N/A	N/A

INSTALLATION DATE: N/A
LIFE LIMITED PARTS EXISTING: No
LOG CARD EXISTING: No

REMOVAL DATE: N/A
NON INCIDENT STATEM.: No

MAINTENANCE DOSSIER: 2230* / VERSION 4 (08 AUG 2023)
APPROVED DATA & MAINTENANCE DOCUMENTS: CMM 21-52-52 / REVISION 04 / 28 JULY 2023

TYPE OF CERTIFICATE: TCCA PART 145, CAA UK
PART 145, EASA PART 145,
CCAR PART 145, FAA PART
145

WORK REQUESTED: TEST

WORK PERFORMED: Repaired

REASON FOR RETURN:

TEST/INSPECTED

FINDINGS AND ANALYSIS:

Findings from Analysis:

- Unit received in dirty condition.
- Glass fiber composite damaged, mainly at the housing area.
- Housing delaminated (to be repaired).

Findings on parts:

- RING 2230-0003, Serial no./Batch no. N/A, Reason for removal: Damaged surface

WORK PERFORMED:

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

Work performed on parts:

- RING 2230-0003, Serial no./Batch no. N/A, Corrective action: Replaced with a new unit with Part Number 2230-0003 with Batch Number 209286.

LIFE LIMITED PARTS RECEIVED:

N/A

LIFE LIMITED PARTS DELIVERED:

N/A

SHOP FINDING REPORT APPROVED:

VALIDATION DATE:

10 NOV 2023

VALIDATED BY:

Christopher Heyne (electronic signature)

Annex: FINDINGS AND ANALYSIS PICTURES

Glass fiber composite damaged, mainly at the housing area.

FindingPhoto_2023-18-10--08-39-27.jpg



FindingPhoto_2023-18-10--08-40-08.jpg



FindingPhoto_2023-18-10--08-40-49.jpg



FindingPhoto_2023-18-10--08-41-50.jpg



FindingPhoto_2023-18-10--08-41-59.jpg



FindingPhoto_2023-18-10--08-43-14.jpg

