

1. Approving Civil Aviation Authority / Country:

2. AUTHORIZED RELEASE CERTIFICATE

3. Form Tracking Number:

FAA/United States

FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

RD 7062102

4. Organization Name and Address:

LIEBHERR-AEROSPACE SALINE, INC  
1465 Woodland Drive  
Saline MI 48176  
USA

L3RR193H

5. Work Order/Contract/Invoice Number:

RD 7062102

6. Item:

7. Description:

8. Part Number:

9. Quantity:

10. Serial Number:

11. Status/Work:

1 PRECOOLER

70629A010001

1

70629-00583

OVERHAULED

12. Remarks

TSN: N/A TSO: 0  
CSN: N/A CSO: 0

Dual Release: Certifies that the work specified in block 11/12 was carried out in accordance with EASA Part-145 and in respect to that work, the aircraft component is considered ready for release to service under EASA Part-145 Approval Number EASA.145.5439.

Amendment:

Modification: N/A

Refer to: Shop Finding Report RD 7062102

Approved data: CMM 36-12-54 Rev 03 dated 25 JAN 2023

Comments: Return to service: Work specified accomplished IAW 14CFR Part 43.13(a)(b) and/or (c)/AC 43.18 if local fabricated parts were used.

Remark: AJW RO: R418464  
RECORE

Limited life parts must be accompanied by maintenance history including total time / total cycle / time since new.

13a Certifies that the items identified above were manufactured in conformity to:

☐ Approved design data and ~~airframe condition~~ for safe operation

☐ Non-approved design data specified in Block 12

14a. ☒ 14 CFR 43.9 Return 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 Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.

13b. Authorized Signature:

13c. Approval/Authorization No.:

14b. Authorized Signature:

14c. Approval/Certificate No.:

13d. Name (Typed or Printed):

13e. Date (dd/mm/yyyy):

14d. Name (Typed or Printed):

14e. Date (dd/mm/yyyy):

Thomas Jimenez

09/Nov/2023

User/Installer Responsibilities  
It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country 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		2 中国民用航空总局 CAAC		<input type="checkbox"/> 符合性 Conformity		<input checked="" type="checkbox"/> 适航性 Airworthiness		3 证书编号 Certificate Ref. No.	
中国/PEOPLE'S REPUBLIC OF CHINA		AUTHORIZED RELEASE CERTIFICATE / AIRWORTHINESS APPROVAL TAG						2023-15632	
4 单位 Organization:  LIEBHERR-AEROSPACE SALINE, INC 1465 Woodland Drive Saline MI 48176 USA				5 工作单/合同单/货单 Work Order/Contract/Invoice  RD 7062102					
6 序号 Item	7 内容 Description	8 件号 Part No.	9 适用性 Eligibility	10 数量 Qty	11 系列号/批号 Serial/Batch No.	12 产品状态 Status/Work			
1	PRECOOLER	70629A010001	Not Known	1	70629-00583	OVERHAULED			
13 备注 Remarks  TSN: N/A    TSO: 0    CSN: N/A    CSO: 0 Modification:    N/A  Approved data:    CMM 36-12-54 Rev 03 dated 25 JAN 2023  Investigation Report 7062102  Remark: AJW RO: R418464 RECORE									
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 <del>except as otherwise specified</del> 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.									
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)		09/Nov/2023		F00100650					

\*参阅产品目录详细查找适用性  
Cross-check eligibility for more details with parts catalogue



Liebherr-Aerospace Saline \* 1465 Woodland Drive \* Saline, MI 48176

## SHOP FINDING REPORT

LIEBHERR REPAIR DOSSIER:	7062102	CONTACT:	Michelle Sussex
RECEPTION DATE:	24 OCT 2023	EMAIL:	michelle.sussex@liebherr.com
CUSTOMER PURCHASE ORDER:	R418464	DATE:	09 NOV 2023
OPERATOR:	Pegasus		
AIRCRAFT TYPE:	A320neo		
AIRCRAFT REG. NUMBER:	TC-NBK		
AIRCRAFT SERIAL NUMBER:	7786		
ADD. CUSTOMER DOCUMENTS:	N/A		

### RECEIVED UNIT

CUSTOMER REFERENCE:	70629A010001
PART NUMBER:	70629A010001
AMENDMENT:	-
SERIAL NUMBER:	70629-00583
DESCRIPTION:	PRECOOLER
MANUFACTURING CODE:	F1958
MANUFACTURING DATE:	062016

### DELIVERED UNIT

CUSTOMER REFERENCE:	70629A010001
PART NUMBER:	70629A010001
AMENDMENT:	-
SERIAL NUMBER:	70629-00583
DESCRIPTION:	PRECOOLER

### TIMES & CYCLES

TSN	TSO	TSI	CSN	CSO	CSI
N/A	0.00	N/A	N/A	0	N/A

INSTALLATION DATE:	N/A	REMOVAL DATE:	25 SEPT 2023
LIFE LIMITED PARTS EXISTING:	No	NON INCIDENT STATEM.:	No
LOG CARD EXISTING:	No		

MAINTENANCE DOSSIER:	/70629A010001 / VERSION 3 (14 AUG 2023)
APPROVED DATA & MAINTENANCE DOCUMENTS:	CMM 36-12-54 / REVISION 03 / 25 JAN 2023

TYPE OF CERTIFICATE:	EASA, CAAC, FAA	WORK REQUESTED:	REPAIR/OVERHAUL
		WORK PERFORMED:	Recore



## REASON FOR RETURN:

FOUND CRACKED

## FINDINGS AND ANALYSIS:

### Findings from Analysis:

- Core - Leakage non repairable - x7 cracks on side of core, non-repairable. Requires recore.
- Slight material imperfections and deformations on flanges, frames, core assembly and header surfaces may be present

### Findings on parts:

- MACHINED CORE (AIB) 70629-020, Serial no./Batch no. N/A, Reason for removal: Worn

## WORK PERFORMED:

- Recoring
- Unit was inspected and all remaining imperfections are deemed to be of a cosmetic nature only, not affecting fit, form or function  
IAW LTS SPM 20-00-01

### Work performed on parts:

- MACHINED CORE (AIB) 70629-020, Serial no./Batch no. N/A, Corrective action: Replaced with a Part Number 70629-020 unit in status "New".

## LIFE LIMITED PARTS RECEIVED:

N/A

## LIFE LIMITED PARTS DELIVERED:

N/A

## SHOP FINDING REPORT APPROVED:

VALIDATION DATE:

09 NOV 2023

VALIDATED BY:

Ian Shaw (electronic signature)