

1. Approving Civil Aviation Authority / Country: FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: RD 7064226	
4. Organization Name and Address: LIEBHERR-AEROSPACE SALINE, INC 1465 Woodland Drive Saline MI 48176 USA			5. Work Order/Contract/Invoice Number: L3RR193H RD 7064226			
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:	
1	INTEGRATED HEAT EXCHANGER	3961A0000K01	1	81259-02722	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 7064226 Approved data: CMM 21-58-16 Rev 04 dated 29 MAR 2021 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: R419726 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 are in condition for safe operation ☐ Non-approved design data specified in Block 12						
13b. Authorized Signature:		13c. Approval/Authorization No.:		14a. ☒ 14 CFR 43.9 Return to Service ☒ Other regulation specified in Block 12		
13d. Name (Typed or Printed):		13e. Date (dd/mm/yyyy):		14b. Authorized Signature: LSL 23 by <i>Jerzy Piernicki</i>		
13d. Name (Typed or Printed):		13e. Date (dd/mm/yyyy):		14c. Approval/Certificate No.: L3RR193H		
13d. Name (Typed or Printed):		13e. Date (dd/mm/yyyy):		14d. Date (dd/mm/yyyy): 02/Dec/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 airworthiness authority of 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 中国/PEOPLE'S REPUBLIC OF CHINA	2 中国民用航空总局 CAAC ☐ 符合性 Conformity 批准放行证书/适航批准标签	适航性 Airworthiness	3 证书编号 Certificate Ref. N°.			
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 7064226				
6 序号 Item	7 内容 Description	8 件号 Part N°.	9 适用性 Eligibility	10 数量 Qty	11 系列号/批号 Serial/Batch N°.	12 产品状态 Status/Work
1	INTEGRATED HEAT EXCHANGER	3961A0000K01	Not Known	1	81259-02722	OVERHAULED
13 备注 Remarks Approved data: CMM 21-58-16 Rev 04 dated 29 MAR 2021 Investigation Report 7064226 Remark: AJW RO: R419726 TSN: N/A TSO: 0 CSN: N/A CSO: 0 Modification: N/A						
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 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 LSL 23 Jerzy Piernicki	18 批准日期 Date 02/Dec/2023	19 中国民航总局授权 Issued by or on behalf of the CAAC F00100650				
17 批准人姓名(打印的) Name(Printed) Jerzy Piernicki						

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

批准放行证书/适航批准标签

AUTHORIZED RELEASE CERTIFICATE/AIRWORTHINESS APPROVAL TAG

使用者/安装者职责

USER/INSTALLER RESPONSIBILITIES

(1) 必须明确：本文件并不批准零件/组件/部件可以装到有关产品上。

(2) 当使用者/安装者使用的是所在国适航当局的条例，而不是本表第1项中所指国家适航当局的条例时，使用者/安装者必须保证所在国的适航当局能接受所指国家适航当局批准出口的零件/组件/部件。

(3) 表中第14项、第15项的陈述，并不说明本表是安装批准。在所有情况下，航空器使用前，航空器使用者/安装者应把按本国适航条例颁发的安装批准放入维修记录中。

(1) It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.

(2) Where the user/installer works in accordance with the national regulations of an Airworthiness Authority different than the Airworthiness Authority of the country specified in block 1 it is essential that the user/installer ensure that his/her Airworthiness Authority accepts parts/components/assemblies from the Airworthiness Authority of the country specified in block 1.

(3) Statements 14 and 15 do not constitute installation certification. In all cases the aircraft maintenance record must contain an installation certification issued in accordance with the national regulation by the user/installer before the aircraft may be flown.

SHOP FINDING REPORT

LIEBHERR REPAIR DOSSIER:	7064226	CONTACT:	Michelle Sussex
RECEPTION DATE:	20 NOV 2023	EMAIL:	michelle.sussex@liebherr.com
CUSTOMER PURCHASE ORDER:	R419726	DATE:	02 DEC 2023
OPERATOR:	Nepal Airlines		
AIRCRAFT TYPE:	A320		
AIRCRAFT REG. NUMBER:	9N-AKX		
AIRCRAFT SERIAL NUMBER:	6555		
ADD. CUSTOMER DOCUMENTS:	N/A		

RECEIVED UNIT

CUSTOMER REFERENCE: 3961A0000K01
PART NUMBER: 3961A0000K01
AMENDMENT: -
SERIAL NUMBER: 81259-02722
DESCRIPTION: INTEGRATED HEAT EXCHANGER

MANUFACTURING CODE: F1958
MANUFACTURING DATE: 102014

DELIVERED UNIT

CUSTOMER REFERENCE: 3961A0000K01
PART NUMBER: 3961A0000K01
AMENDMENT: -
SERIAL NUMBER: 81259-02722
DESCRIPTION: INTEGRATED HEAT EXCHANGER

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:	29 OCT 2023
LIFE LIMITED PARTS EXISTING:	No	NON INCIDENT STATEM.:	No
LOG CARD EXISTING:	No		

MAINTENANCE DOSSIER: /3961A0000K01 / VERSION 2 (28 NOV 2023)

APPROVED DATA & MAINTENANCE DOCUMENTS: CMM 21-58-16 / REVISION 04 / 29 MAR 2021

TYPE OF CERTIFICATE:	CAAC, EASA, FAA	WORK REQUESTED:	REPAIR
		WORK PERFORMED:	Minor Overhaul

REASON FOR RETURN:

RST

FINDINGS AND ANALYSIS:

Findings from Analysis:

- Visual inspection - Exchanger dirty
- Visual inspection - Screwlocks missing - 2x
- Visual inspection - Local varnish deterioration
- Slight material imperfections and deformations on flanges, frames, core assembly and header surfaces may be present

WORK PERFORMED:

- Receipt PN / GoNoGo
- Visual inspection - Cleaning - Leakage test - Drop pressure test
- Replacement of the screw lock - replaced 2 screwlocks
- Alodine touch up
- Varnish touch up
- 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

LIFE LIMITED PARTS RECEIVED:

N/A

LIFE LIMITED PARTS DELIVERED:

N/A

SHOP FINDING REPORT APPROVED:

VALIDATION DATE: 30 NOV 2023
VALIDATED BY: Skyler Root (electronic signature)