

1. Approving Civil Aviation Authority/Country: FAA/United States		2.		3. Form Tracking Number: 31728097	
4. Organization Name and Address: B/E Aerospace 3355 East LaPalma Ave., Anaheim, CA 92806 (B98R479N)				5. Work Order/Contract/Invoice Number: W38354	
6. Item: 1	7. Description: AIR CHILLER 2800 BTU/HR	8. Part Number: 274-4	9. Quantity: 1	10. Serial Number: 088	11. Status/Work: Repaired

12. Remarks:

This repair order: **8604307** Describes actual repair work in detail. All work IAW CMM: 25-30-07 Date: 07/19/2007 Rev: 5

"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 component is considered ready for release to service under EASA Part 145 Approval Number: EASA.145.4231"

Service Bulletins Incorporated: **IAW CMM**

13a. Certifies 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. ☒ 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: N/A	13c. Approval/Authorization No.: N/A	14b. Authorized Signature: <i>[Signature]</i>	14c. Approval/Certificate No.: B98R479N
13d. Name (Typed or Printed): N/A	13e. Date (dd/mm/yyyy): N/A	14d. Name (Typed or Printed): <i>[Signature]</i>	14e. Date (dd/mm/yyyy): 04/Apr/2017

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 CHINA	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. 31728097			
4. 单位 Organization B/E Aerospace, Inc. 3355 East La Palma Avenue Anaheim, California 92806, USA		批准放行证书/适航批准标签 AUTHORIZED RELEASE CERTIFICATE/AIRWORTHINESS APPROVAL TAG					
5. 工作单/合同单/货单 Work Order/Contract/Invoice W38354							
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	AIR CHILLER 2800BTU/HR		274-4	Not Known	1	088	Repaired
13. 备注 Remarks: This repair order: 8604307 Describes actual repair work in detail. All work IAW CMM: 25-30-07 Date: 07/19/2007 Rev: 5 "Certifies that the work specified in block 12/13 was carried out in accordance with CCAR Part 145 and in respect to that work the component is considered ready for release to service under CAAC Approval Number: F00100480."							
Service Bulletins Incorporated: IAW CMM							
14. 新产品 New Part 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 part 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		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) Scott C Nelson		18. 批准日期 Date 04-Apr-2017		F00100480			

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

REPAIR FINDINGS ANALYSIS / TEARDOWN REPORT

FAA Repair Station#: B98R479N

Date: 04/04/2017

Company Name: B/E Aerospace

FSC#: 60299

Address1: 3355 East LaPalma Ave.

Address2:

City St Zip: Anaheim CA 92806

Phone: 714-688-4200

Fax: 714-688-4154

Customer Name: A J WALTER AVIATION LTD

Address1: THE HEADQUARTERS

Address2: MAYDWELL AVENUE

City St Zip: SLINFOLD RH13 0AS GB

Contact: progressing@ajw-aviation.com

Phone:

Fax:

Information from Purchase Order

Repair Order#: W38354

Part# from PO: 274-4

Serial# from PO: 088

Customer Serial# on Order:

Purchase Order Reason: FWD GLY CHILLER F3 ONLY MAKING 22.1 DEG AIR. REPAIR ACC TO LATEST CMM **** C.A.A.C. REQ'D **** 03/27/17 ***REFER TO APPROVED ESTIMATE ATTACHED IN BEARS***DLC DEIDA 4690

Information for Part Received

Repair ID#: 67867

Work Order#: 8604307

Mfr. p/n
Recvd: 274-4Mfr. Serial#
Recvd: 088

Date Recvd:: 03/23/2017

Description: AIR CHILLER 2800 BTU/HR

Compressor p/n Recvd: 281-2

Compressor Serial#
Recvd: 576Fan p/n Recvd:
2300-3Fan Serial#
Recvd: 2988

PC Board #1 p/n Recvd: 3276-2

PC Board #1 Serial#
Recvd: 22868PC Board #2
p/n Recvd:PC Board #2
Serial# Recvd:

Initial Inspection Findings: 40 X 25 X 20 100 LBS NA

Initial Testing Findings:

Repair Administration Comments: As received, found oil present on the cover, powered up unit, fan motor ran but compressor did not run, removed the cover and noticed system pressure completely empty and oily on the chassis, checked compressor 3 phases ok, Wirings were inspected to be OK and no loose connection. Air temperature sensors measured in range. Will need to leak check and document.

Warranty:

☒ Accepted ☐ Denied ☐ Partial

Reason: Concession due to Leak at the discharge line.

Information for Part Shipped Back

Sales Order#: 31728097

Mfr. p/n Out: 274-4

Mfr. Serial# Out: 088

Teardown and Inspection details:

Unit

AIR FILTER : Air Filter, Dirty;

COMPRESSOR: Sent For Evaluation; Found Compressor Bottom Mount Damaged.

CONDENSER: Condenser, Dirty (External) ; Fins Smashed; Sight Glass Contaminated; Found Discharge Fitting, Reducer Tube small cracked

EVAPORATOR: Evaporator, Dirty (External); Fins Smashed; Orifice, Dirty;

LEAKS: Found Discharge Fitting, Reducer Tube small cracked

REFRIGERANT CIRCUIT: Flush;

UNIT APPEARANCE: Unit Dirty;

COVER: Found Cracked at Corners, Upper Right and Left

Refrigerant

REFRIGERANT CIRCUIT: Flush;

Compressor

BOTTOM DOME MOUNT: Mount, Damaged;

OIL: 4 Ounces; Clear;

CMM Ref. 1: 25-30-07 Rev Date: 07/19/2007 Rev: 5

Corrective Actions:

Unit

AIR FILTER : Air Filter, Replaced ;

COMPRESSOR: Installed Compressor;

Remarks: Compressor Bottom Mount Replaced

CONDENSER: Condenser, Cleaned (External); Sight Glass, Cleaned ; Straightened Fins;

Remarks: Discharge Fitting, Reducer Tube small Replaced

EVAPORATOR: Evaporator, Cleaned (External); Orifice, Replaced; Straightened Fins;

LEAKS: Leak. Repaired;

Remarks: Discharge Fitting, Reducer Tube small Replaced

REFRIGERANT CIRCUIT: Flushed;

UNIT APPEARANCE: Cleaned Unit;

COVER: Cover, Repaired ;

Remarks: Touched up with paint

Refrigerant

REFRIGERANT CIRCUIT: Flushed;

Remarks: Flushed with R134a.

Compressor

BOTTOM DOME MOUNT: Mount, Replaced ;

OIL: Changed new oil;

Purchase Order Instructions complied with:

☐ Inspected ☒ Repaired ☐ Modified ☐ Overhauled

Replacement Parts/Services for Part Shipped Back

Type	Item	Description	Qty/Hrs	UPR/Rate
LABOR	510	REPAIR - ORDER RELEASE	0.00	\$0.00
LABOR	530	REPAIR - TEST TECH ANALYZE	0.00	\$0.00
LABOR	550	REPAIR - TECH TEARDOWN	0.00	\$0.00
LABOR	570	REPAIR - COMPRESSOR TECH	0.00	\$0.00
LABOR	574	FLUSHING TECH	0.00	\$0.00
LABOR	590	REPAIR - TECH REPAIR	0.00	\$0.00
LABOR	630	REPAIR - INSPECTION	0.00	\$0.00
MATL	2297-1	MOUNT	1.00	\$0.00
MATL	2583-2	FITTING, DISCHARGE	1.00	\$0.00
MATL	2791-1	FILTER	1.00	\$0.00
MATL	2824-15	PRESSURE SWITCH,25PS74-2	1.00	\$0.00
MATL	4012159-001	CAP ASSY, SERVICE VALVE	1.00	\$0.00
MATL	X10190	ORIFICE# 2, Danfoss MP 68-2015	1.00	\$0.00
MATL	X13810	FILTER DRYER EK032	1.00	\$0.00
MATL	X15970	COUPLING W-1003 MUELLER	1.00	\$0.00
MATL	X30710	STD CONSUMABLES/ENV SRVC CHRG	1.00	\$0.00

Material Price: \$0.00

Labor Price: \$0.00

Total Price: \$0.00