

1. Approving Competent Authority/Country
**Civil Aviation Authority
United Kingdom**

2. **AUTHORISED RELEASE CERTIFICATE
EASA FORM 1**

3. Form Tracking Number
52501

4. Organisation Name and Address

REHEAT INTERNATIONAL LTD
Riverside, Omega Park, Allon, Hampshire GU34 2UF
Tel +44 (0)1420 594000 Fax: +44 (0)1420 594001

5. Work Order/C. Aircraft Invoice
17800700

6. Item

7. Description

8. Part No.

9. Qty

10. Serial No.

11. Status/Work

01 COFFEE MAKER

3510-0044-05

1 EA

02 11079180003

Overhauled

12. Remarks

Replacement parts installed as per work order stated in Block 5

OVERHAULED I.A.W. C.M.M. 25-30-46 REV 004 DATED 02 FEB 2018
FOR BURWOOD AVIATION SUPPLIES LTD(RO: 111409)
UNIT INSPECTED TO B/E SERVICE INFORMATION LETTER 1086-SIL 01.

The work identified in Block 11 and described herei... has been accomplished in accordance with 14 CFR part 43 and in respect to that work, the items are approved for return to service under certificate of release to service (RoY48) X

13a. Certifies that the items identified above were...
[] 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 ☒ 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.

13b. Authorised Signature

13c. Approval/Authorisation Number

14b. Authorised Signature

14c. Certificate/Approval Ref. No.

13d. Name

13e. Date (dd mmm yyyy)

14d. Name

14e. Date (dd mmm yyyy)

USER RESPONSIBILITIES

1. This certificate does not automatically constitute authority to install the item(s).

2. Where a 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.

3. 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.

REHEAT

Inspection Record Card

Workshop Continuation Worksheet

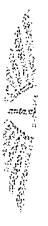
Card 2 of 7	RHI Order Number	047806/00	Customer order Number	111709
WORK TO BE DONE		WORK CARRIED OUT		
1	Confirm part number and serial number and date of manufacture on data plate. If date of manufacture is within the last 2 years - refer to OEM's warranty condition before commencing work.	Part number: 3510-0044-05 Serial Number: 02H11079180003 Date of Manufacture: 08-02	Mechanic RHI 17 Inspector RHI 07 Date 22-May-19	
2	Carry out Visual Inspection including electrical connectors	Visual inspection carried out	Mechanic RHI 17 Inspector RHI 07 Date 22-May-19	
3	Carry out pre-test, record data in accordance with the component maintenance manual (Re-test if rework has been carried out)	Fitted test brew cup and test fuse. Suitable a re-test to be carried out. A phase 7.5 AMPS and 7.5 AMPS with water pad, B phase 7.5 AMPS, C phase 7.7 AMPS. Pre-test 3.0 volts, brew water temperature 188°C, Brew cycle time 2 minutes 55 seconds, Recovery time 3 minutes 40 seconds, Tea water temperature 155°C, Brew cycle time 2 minutes 50 seconds, Recovery time 3 minutes 10 seconds, Pressure relief valve opens at 90 pounds per square inch (psia), Tank pressure holds at 125 pounds per square inch for 5 minutes (pass).	Mechanic RHI 17 Inspector RHI 07 Date 23-May-19	
4	Record the reason for removal or defect stated by customer: INOP	Findings: Fuse open circuit	Mechanic RHI 17 Inspector RHI 07 Date 22-May-19	
5	Check Applicable AD's and SB's for compliance with instructions	Applicable AD's and SB's checked for compliance	Mechanic RHI 17 Inspector RHI 07 Date 22-May-19	
6	Warranty Requested No	Findings: Warranty Not requested	Mechanic RHI 17 Inspector RHI 07 Date 22-May-19	
7	Remove all inspection covers and carry out inspection	All covers removed and visual inspection carried out	Mechanic RHI 17 Inspector RHI 07 Date 22-May-19	
Carry out Visual Inspection of electrical connectors for serviceability		Carried out visual inspection of electrical connectors. Deemed serviceable (photographs on file)	Mechanic RHI 17 Inspector RHI 07 Date 22-May-19	

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Inspection Record Card

Workshop Continuation Worksheet

Card 3 of 7	RHI Order Number	047806/00	Customer order Number	111409
WORK TO BE DONE		WORK CARRIED OUT		
9	Carry out Service Information Letter 1086-SIL-01 Insulation resistance test of the heater elements	Carry out Service Information Letter 1086-SIL-01 Insulation resistance test of the heater elements 20ff not required due newer type elements and 10ff greater than 20 MEGOHMS (pass)	Mechanic RHI 17 Inspector RHI 07 Date 23-May-19	
10	Carry out rail docking check	Rail docking check carried out	Mechanic RHI 17 Inspector RHI 07 Date 23-May-19	
11	Unit received with Brew cup	Unit returned with Brew cup	Mechanic RHI 17 Inspector RHI 09 Date 30-May-19	
12	Unit received with Server	Unit Returned with Server	Mechanic RHI 17 Inspector RHI 08 Date 30-May-19	
13	Carry out descale to the unit	Descale Carried out to the unit	Mechanic RHI 17 Inspector RHI 07 Date 23-May-19	
14	Test brew cup to be used to enable a pre test to be carried out as incorrect type fitted	Fitted test brew cup	Mechanic RHI 17 Inspector RHI 07 Date 22-May-19	
15	Filt test fuse to enable a pre test to be carried out (open circuit)	Fitted test fuse	Mechanic RHI 17 Inspector RHI 07 Date 22-May-19	
16	Remove tank filter to enable a tank inspection and descale	Removed tank filter to enable a tank inspection and descale	Mechanic RHI 17 Inspector RHI 07 Date 23-May-19	



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Inspection Record Card

Workshop Continuation Worksheet

Card 3 of 7	RHI Order Number	04/7806/00	Customer order Number	111419
WORK TO BE DONE		WORK CARRIED OUT		
9	Carry out Service Information Letter 1086-SIL-01 Insulation resistance test of the heater elements	Carry out Service Information Letter 1086-SIL-01 Insulation resistance test of the heater elements 20ff not requiring newer type elements and 10ff greater than 10 MEGOHMS (pass)	Mechanic RHI 17 Inspector RHI 07 Date 23-May-19	
10	Carry out rail docking check	Rail docking check carried out	Mechanic RHI 17 Inspector RHI 07 Date 23-May-19	
11	Unit received with Brew cup	Unit returned with Brew cup	Mechanic RHI 17 Inspector RHI 09 Date 30-May-19	
12	Unit received with Server	Unit returned with Server	Mechanic RHI 17 Inspector RHI 09 Date 30-May-19	
13	Carry out descale to the unit	Descalate Carried out to the unit	Mechanic RHI 17 Inspector RHI 07 Date 23-May-19	
14	Test brew cup to be used to ensure a pre-test to be carried out as incorrect type filter	Fitted test brew cup	Mechanic RHI 17 Inspector RHI 07 Date 22-May-19	
15	Fit test fuse to ensure a pre-test to be carried out (open circuit)	Fitted test fuse	Mechanic RHI 17 Inspector RHI 07 Date 22-May-19	
16	Remove tank filter to enable a tank inspection and descale	Removed tank filter to enable a tank inspection and descale	Mechanic RHI 17 Inspector RHI 07 Date 23-May-19	

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Inspection Record Card

Workshop Continuation Worksheet

Card 4 of 7	RHI Order Number	047806/00	Customer order Number	111409
	WORK TO BE DONE		WORK CARRIED OUT	
17	Remove and inspect heater pad	Removed and inspected heater pad, Deemed serviceable	Mechanic RHI 17 Inspector RHI 07 Date 23-May-19	
18	Remove and inspect printed circuit board	Removed and inspected printed circuit board, Deemed serviceable	Mechanic RHI 17 Inspector RHI 07 Date 23-May-19	
19	Remove and inspect relay assembly	Removed and inspected relay assembly, Deemed unserviceable (burnt pins) photographs on file	Mechanic RHI 17 Inspector RHI 07 Date 23-May-19	
20	Remove and inspect pressure relief valve, Clean/descalc	Removed and inspected pressure relief valve, Clean/descalced	Mechanic RHI 17 Inspector RHI 07 Date 23-May-19	
21	Adjust pressure relief valve in accordance with the component maintenance manual	Adjusted pressure relief valve in accordance with the component maintenance manual	Mechanic RHI 17 Inspector RHI 09 Date 30-May-19	
22	Clean/descalc tank assembly	Cleaned/descalced tank assembly	Mechanic RHI 17 Inspector RHI 07 Date 23-May-19	
23	Clean/descalc and flush through brew system	Cleaned/descalced and flushed through brew system	Mechanic RHI 17 Inspector RHI 07 Date 23-May-19	
24	Clean/descalc water level sensor	Cleaned/descalced water level sensor	Mechanic RHI 17 Inspector RHI 07 Date 23-May-19	

REHEAT**Inspection Record Card****Workshop Continuation Worksheet**

Card 5 of 7	RHI Order Number	047806/00	Customer order Number	111409
WORK TO BE DONE		WORK CARRIED OUT		
25	Clean/descale thermistor	Cleaned/descaled thermistor	Mechanic RHI 17 Inspector RHI 07 Date 23-May-19	
26	Remove and inspect float valve assembly, Clean/descale	Removed and inspected float valve assembly Cleaned/descaled	Mechanic RHI 17 Inspector RHI 07 Date 23-May-19	
27	Remove, strip and inspect solenoid assemblies, Clean/descale	Removed, stripped and inspected solenoid assemblies	Mechanic RHI 17 Inspector RHI 07 Date 23-May-19	
28	Carry out check to switch lamps	All switch lamps operate in accordance with the component maintenance manual	Mechanic RHI 17 Inspector RHI 07 Date 23-May-19	
29	Renew server cover (cracked) photographs on file	Renewed server cover	Mechanic RHI 17 Inspector RHI 09 Date 29-May-19	
30	Renew relay (burnt pin) photographs on file	Renewed relay	Mechanic RHI 17 Inspector RHI 09 Date 30-May-19	
31	Renew printed circuit board fuse (open circuit)	Renewed printed circuit board fuse	Mechanic RHI 17 Inspector RHI 09 Date 30-May-19	
32	Renew tank filler O-ring (single use only)	Renewed tank filler O-ring	Mechanic RHI 17 Inspector RHI 09 Date 29-May-19	

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INTERNATIONAL**Inspection Record Card****Workshop Continuation Worksheet**

Card 6 of 7	RHI Order Number	047806/00	Customer order Number	111409
WORK TO BE DONE		WORK CARRIED OUT		
33	Renew pressure relief valve and float valve fitting gaskets (single use only)	Renewed pressure relief valve and float valve fitting gaskets	Mechanic RHI 17 Inspector RHI 09 Date 29-May-19	
34	Renew drain valve O-rings as part of overhaul requirements	Renewed drain valve O-rings	Mechanic RHI 17 Inspector RHI 09 Date 29-May-19	
35	Renew float valve O-rings (single use only)	Renewed float valve O-rings	Mechanic RHI 17 Inspector RHI 09 Date 29-May-19	
36	Renew brew head feed pipe O-rings and flow washer as part of overhaul requirements	Renewed brew head feed pipe O-rings and flow washer	Mechanic RHI 17 Inspector RHI 09 Date 29-May-19	
37	Renew water inlet coupling O-ring as part of overhaul requirements	Renewed water inlet coupling O-ring	Mechanic RHI 17 Inspector RHI 09 Date 29-May-19	
38	Renew brew cup (incorrect type fitted, photographs on file)	Renewed brew cup	Mechanic RHI 17 Inspector RHI 09 Date 30-May-19	
39	Renew PRV valve (worn, photographs on file)	Renewed PRV valve	Mechanic RHI 17 Inspector RHI 09 Date 29-May-19	
40	Renew all thermal switches, Bus bar and associated terminal crimps (provided) photographs on file	Renewed all thermal switches, Bus bar and associated terminal crimps	Mechanic RHI 17 Inspector RHI 09 Date 30-May-19	

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Workshop Continuation Worksheet

Card 7 of 7 RHI Order Number

047806/00

Customer order Number

111409

WORK TO BE DONE

WORK CARRIED OUT

41	Renew solenoid assemblies as coil brackets, Nuts, Spring washers, Coils, Plunger guides, and Flex plates (all corroded and seized) photographs on file	Renewed solenoid assemblies	Mechanic RHI 17 Inspector RHI 09 Date 30-May-19
42	Carry out Major clean to unit	Major clean carried out	Mechanic RHI 17 Inspector RHI 09 Date 30-May-19
	On completion of above work carry out a function test	Function test carried out. A phase 7.5 AMPS and 7.4 AMPS with heater pad, B phase 7.5 AMPS, C phase 7.7 AMPS, Fan at 2 minutes 50 seconds, Brew water temperature 187°F, brew cycle time 1 minute 40 seconds, Recovery time 3 minutes 15 seconds, Tea after temperature 188°F, Tea cycle time 2 minutes 40 seconds, Recovery time 2 minutes 15 seconds, Pressure relief valve opens at 8 pounds per square inch (pass), Tank pressure holds at 125 pounds per square inch for 5 minutes (pass)	Mechanic RHI 17 Inspector RHI 09 Date 30-May-19
44	Carry out visual box inspection prior to fitting covers	Box inspection carried out	Mechanic RHI 07 Inspector RHI 09 Date 30-May-19
45	Refit all inspection covers	Inspection covers refitted	Mechanic RHI 17 Inspector RHI 09 Date 30-May-19
46	Carry out a final operational check	Final Operational Check carried out	Mechanic RHI 17 Inspector RHI 09 Date 30-May-19
	On completion please fill out overhaul sheet	Overhaul sheet completed	Mechanic RHI 17 Inspector RHI 09 Date 30-May-19
47	Check for Additional compliance with applicable AD's and SB's	Applicable AD's and SB's checked for compliance	Mechanic RHI 17 Inspector RHI 09 Date 30-May-19
48	Due to extent of the Repair/Overhaul of this unit further parts and labour may be required	No further action required	Mechanic RHI 17 Inspector RHI 09 Date 30-May-19