

1. Approving Competent Authority/Country Civil Aviation Authority United Kingdom		2. AUTHORISED RELEASE CERTIFICATE EASA FORM 1		3. Form Tracking Number 50543	
4. Organisation Name and Address REHEAT INTERNATIONAL LTD Riverside, Omega Park, Alton, Hampshire GU34 2JF Tel +44 (0)1420 594000 Fax: +44 (0)1420 594001		5. Work Order/Contract/Invoice No. 04614/00			
6. Item	7. Description	8. Part No.	9. Qty	10. Serial No.	11. Status/Work
01	COFFEE MAKER	3510-0044-05	1	EA 0014770430005	Overhauled
12. Remarks Replacement parts installed as per work order stated in Block 5 OVERHAULED I.A.W.C.M.M. 25-30-48 REV 4 DATED 2 FEBRUARY 2018 FOR BURWOOD AVIATION SUPPLIES LTD 110402 UNIT INSPECTED TO B/E SERVICE INFORMATION LETT. 1086-S-01 The work identified in Block 11 and described herein 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 no. RHI Y491X					
13a. Certifies that the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> approved design data and are in a condition for safe operation <input type="checkbox"/> non-approved design data specified in block 12		14a. <input checked="" type="checkbox"/> Part-145.A.50 Release to Service <input checked="" type="checkbox"/> 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	
13d. Name		13e. Date (dd mmm yyyy)		14c. Certificate/Approval Ref. No.	
				UK.145.00472	
				14d. Name I FIELDER	
				14e. Date (dd mmm yyyy) 23 OCT 2018	
USER/INSTALLER RESPONSIBILITIES					
1. This certificate does not automatically constitute authority to install the item(s).					
2. 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.					
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.					

Inspection Record Card

Workshop Continuation Worksheet

REHEAT <small>INTERNATIONAL</small>	Card 2 of 5	RHI Order Number 046634/00	Customer order Number 10402	
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-C5 Serial Number: 03L1470030005 Date of Manufacture: March 2012	Mechanic RHI 30 Inspector RHI 09 Date 9-Oct-18	
2	Carry out visual inspection including electrical connectors	Visual inspection carried out Electrical connectors and contacts deemed serviceable.	Mechanic RHI 30 Inspector RHI 09 Date 9-Oct-18	
3	Carry out pre-test, record data in accordance with the component maintenance manual (Re-test if rework has been carried out)	Preheat 2' 30" (REF) cycle: 3' 20" (high); delay 3' 27"; recovery 3' 28"; blow temp 176°F. TEA cycle 2' 08"; delay 2' 08"; recovery 2' 50"; test temp 180°F. PRVve flows at 85lb/in ² . ØA=7.6A, ØB=7.7A, ØC=7.5A.	Mechanic RHI 30 Inspector RHI 09 Date 9-Oct-18	
4	Record the reason for removal or defect stated by customer: 'Unserviceable'	Findings: Incoming defect confirmed: ref items 8, 9, 12 and 13.	Mechanic RHI 30 Inspector RHI 09 Date 9-Oct-18	
5	Confirm incoming defect Check applicable ADs and SBs for compliance with initial inspection	Applicable AD's and SB's checked for compliance	Mechanic RHI 30 Inspector RHI 09 Date 9-Oct-18	
6	Warranty requested No	Findings: Warranty not requested	Mechanic RHI 30 Inspector RHI 09 Date 9-Oct-18	
7	Remove all inspection covers and carry out inspection	All covers removed and visual inspection carried out	Mechanic RHI 30 Inspector RHI 09 Date 9-Oct-18	
8	Renew 4off switch indicator lamps to enable pre-test ('ON/OFF' and 'NO WATER' lamps missing, 'COFFEE BREW' and 'TEA' lamps inop).	Lamps renewed, pre-test continued.	Mechanic RHI 30 Inspector RHI 09 Date 9-Oct-18	



REHEAT
INTERNATIONAL

Inspection Record Card

Workshop Continuation Worksheet

Card 3 of 5	RHI Order Number	046634/00	Customer order Number	110402
	WORK TO BE DONE		WORK CARRIED OUT	
9	Carry out unit descale and flush through brew lines ('BREW' cycle high on pre-test, flow washer, jet/filter assy and inside of tank excessively scaled). See photos.		Unit descaled and brew lines flushed through.	Mechanic RHI 30 Inspector RHI 09 Date 9-Oct-18
10	Carry out high pressure/leak test, post descale.		Unit passes high pressure/leak test.	Mechanic RHI 30 Inspector RHI 09 Date 10-Oct-18
11	Renew brew cup assy (cracked). See photos.		Replacement brew cup assembly paired with unit	Mechanic RHI 32 Inspector RHI 07 Date 16-Oct-18
12	Clean relay base and contacts (evidence of water leakage around relay base). See photos.		Relay base & relay contact pins cleaned as required	Mechanic RHI 32 Inspector RHI 07 Date 16-Oct-18
13	Renew 'BREW' solenoid valve plunger, spring, guide (brew plunger seized in guide) and o-ring (worn).		Replacement brew solenoid plunger, spring & guide assembly fitted to unit	Mechanic RHI 32 Inspector RHI 07 Date 16-Oct-18
14	Renew 'TEA' solenoid valve plunger, spring and o-ring (worn).		Replacement "Tea" solenoid plunger & spring assembly fitted to unit	Mechanic RHI 32 Inspector RHI 07 Date 16-Oct-18
15	Replace brew head assy, server cover etc and renew right hand airer rod (loose/bent). See photos.		Replacement server retaining bracket right side post fitted to unit	Mechanic RHI 32 Inspector RHI 07 Date 16-Oct-18
16	Renew brew level sensor (rubber torn, revealing spring). See photos.		Replacement brew level sensor assembly fitted to unit	Mechanic RHI 32 Inspector RHI 07 Date 16-Oct-18



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Card 4 of 5

Inspection Record Card

Workshop Continuation Worksheet

RHI Order Number

046634/00

Customer order Number

110412

WORK TO BE DONE

WORK CARRIED OUT

17 Renew 2off server cover retaining screws (missing).

Both replacement server cover retaining screws fitted to unit

Mechanic RHI 32
Inspector RHI 07
Date 16-Oct-18

18 Renew water jet/filter assy o-ring (worn).

Replacement tank filter housing o-ring seal fitted to unit

Mechanic RHI 32
Inspector RHI 07
Date 16-Oct-18

19 Renew vent valve o-ring (single use item).

Replacement vent valve housing o-ring seal fitted to unit

Mechanic RHI 32
Inspector RHI 07
Date 16-Oct-18

20 Check for unit compliance with 1086-SIL-01.

E1: R=14.2Ω, IR=28.7MΩ (pass); E3: R=14Ω, IR=41.6MΩ (pass).
E2: none type element and exempt.

Mechanic RHI 30
Inspector RHI 09
Date 10-Oct-18

21 Rewire element assemblies, post 1086-SIL-01 check.

Heater element wiring re-installed as required

Mechanic RHI 32
Inspector RHI 07
Date 16-Oct-18

22 Carry out unit resistance checks

Unit passes resistance checks: P1-G to brew cup shelf: 0.103mΩ; P1-G to platen front: 0.105mΩ; P1-G to SG2: 0.001mΩ.

Mechanic RHI 30
Inspector RHI 09
Date 10-Oct-18

23 Carry out major clean on unit

Major clean carried out

Mechanic RHI 32
Inspector RHI 07
Date 18-Oct-18

24 Unit received with brew cup

Unit returned with Brew cup

Mechanic RHI 32
Inspector RHI 07
Date 18-Oct-18



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Inspection Record Card

Workshop Continuation Worksheet

Card 5 of 5	RHI Order Number	Customer order Number	1104 02
WORK TO BE DONE		WORK CARRIED OUT	
25	Carry out rail docking check	Rail docking check carried out	Mechanic RHI 30 Inspector RHI 09 Date 10-Oct-18
26	On completion of above work carry out a function test	Carried out function test - Phase 1: A = 7.9, B = 7.3, C = 7.3 - Initial heating: 2min 47sec - Brew cycle: 3min 19sec - Tea brew cycle: 2min 9sec - Water temperatures: Brew 184°C/ Tea brew 178°C - Pressure relief valve opened at: 85psi/ passed.	Mechanic RHI 32 Inspector RHI 07 Date 18-Oct-18
27	Carry out visual box inspection prior to fitting covers	Visual box inspection carried out prior to fitting covers.	Mechanic RHI 32 Inspector RHI 07 Date 18-Oct-18
28	Refit all inspection covers	Inspection covers refitted	Mechanic RHI 32 Inspector RHI 07 Date 18-Oct-18
29	Carry out a final operational check	Final Operational Check carried out	Mechanic RHI 32 Inspector RHI 07 Date 18-Oct-18
30	Check for additional compliance with applicable AD's and SB's	Applicable AD's and SB's checked for compliance	Mechanic RHI 32 Inspector RHI 07 Date 18-Oct-18
31			Mechanic Inspector Date
32			Mechanic Inspector Date