

REHEAT AERO INSPECTION RECORD CARD WORKSHOP WORKSHEET

CERTIFIED THAT THE WORK HAS BEEN CARRIED OUT IN ACCORDANCE WITH

EASA ☒ FAA ☒ TCCA ☐

AUTHORISED SIGNATURE [Signature] REHEAT AERO APPROVAL STAMP NO. [RH 10] DATE 13/NOV/2020

NAME S BLACKMAN

CARD 1 OF	CUSTOMER NAME / OWNERSHIP AJW AJ WALTER AVIATION LTD	MANUFACTURER'S PART NO. AR9030-3D9D102
MOD STATUS REV C		SERIAL NUMBER 1026532
SPECIAL INSTRUCTIONS NONE		DESCRIPTION FAUCET
A/R REF NO. (IF APPLICABLE)		A/C REGISTRATION P4 - EAS
REASON FOR REMOVAL FOUND WATER FLOW RUNNING - TIME IS TOO SHORT		RA ORDER NUMBER 010047/AR
RELEASE REQUIRED UNCONFIRMED		CUSTOMER ORDER NO. R374096
EASA ☒ FAA ☒ TCCA ☐		DATE ITEM RECEIVED 02/10/2020
NOTES:		C.M.M. REF NO. 38-12-39
LEVEL OF MAINTENANCE REQUIRED REPAIR		C.M.M. REV. 6 DATED AUG. 2019 EFF CODE D
EASA FORM 1 BLOCK 11 STATEMENT REPAIRED		C.M.M. REF NO.
ADDITIONAL DATA CHECKED FOR APPLICABLE AD'S AND NONE APPLY		C.M.M. REV.

**Material Report
Repair Department
Findings and Dispositions**

RA No : 010047/AR

Customer No: R374096

Customer's Statements	
1	FOUND WATER FLOW RUNNING - TIME IS TOO SHORT
2	
3	
4	

Findings		Disposition			
1	Carry out Visual inspection	Visual inspection carried out Part number AR9030-3D9D102 Serial number 1026532 Manufactured date unknown		Mech	RHI 10
				Insp	RHI 28
				Date	11 March 2020
2	Check all applicable SB's for compliance upon initial inspection .	Check for SB's made and found non applicable on initial inspection		Tech	RHI 10
				Insp	RHI 28
				Date	11 March 2020
3	Check applicable AD's I.A.W RA P-050A, please also refer to MOE section 2.11.	Check for AD's made and found non applicable on initial inspection		Tech	RHI 10
				Insp	RHI 28
				Date	11 March 2020
4	Carry out full Pre-Test as per CMM	Unable to carry out full Pre-Test due to faults listed below :		Mech	RHI 10
				Insp	RHI 28
				Date	11 March 2020
5	Incoming reason/fault confirmed Cartridge worn and cracked, timer corroded - photos on file	Noted		Mech	RHI 10
				Insp	RHI 28
				Date	11 March 2020
6	Carry out clean/descale to all re-usable parts	Cleaned/descaled re-usable parts		Mech	RH 10
				Insp	RH 20
				Date	12 November 2020

Findings		Disposition			
7	Replace cartridge worn and cracked & timer corroded	Fitted new cartridge manufactured 2/2020		Tech	RH 10
				Insp	RH 20
				Date	12 November 2020
8	Replace aerator assembly - in poor condition and washer worn and single use - photo on file	Fitted new aerator assembly		Tech	RH 10
				Insp	RH 20
				Date	12 November 2020
9	Replace gasket - missing	Fitted new gasket		Tech	RH 10
				Insp	RH 20
				Date	12 November 2020
10	Replace washer on setscrew - missing	Fitted new washer on setscrew		Tech	RH 10
				Insp	RH 20
				Date	12 November 2020
11	Unable to function unit in this unserviceable condition. A further report may follow.	Noted - no further report required		Tech	RH 10
				Insp	RH 20
				Date	12 November 2020
12	Carry out Full Function Test as per CMM	Carried out Full Function test as per CMM		Tech	RH 10
				Insp	RH 20
				Date	12 November 2020
13	Carry out final visual inspection	Carried out final visual inspection		Tech	RH 10
				Insp	RH 20
				Date	12 November 2020
14	Check all applicable SB's for compliance upon initial inspection	Check for SB's made and found non applicable on initial inspection		Tech	RH 10
				Insp	RH 20
				Date	12 November 2020
15	Check applicable AD's I.A.W RA P-050A, please also refer to MOE section 2.11.	Check for AD's made and found non applicable on initial inspection		Tech	RH 10
				Insp	RH 20
				Date	12 November 2020

**REHEAT**
AERO

Findings		Disposition		
16	Record details of calibrated test equipment	Hot flow meter F130539/3, Cold flow meter F130539/4, Pressure test gauges RHI 226, 227, 228, 229, 230, 231, stopwatch SCL30944, Rothenberger pressure test SCL30851 & Torque Driver 6GG032119	Tech	RH 10
			Insp	RH 20
			Date	12 November 2020
17	Record results of function test	A. Proof Pressure Test no leaks after 1 minute @ 125 psig B. Vent and Drain Test no leakage @ 5 psig Pressurised to 25 psig, drain valve opened. Drained completely in less than 12 seconds.	Tech	RH 10
			Insp	RH 20
			Date	12 November 2020
18	Function test results continued	C. Timing Test (1 d) Cold Water Timing. Faucet knob pressed 3 times for 10 seconds. Timed @ 7 seconds. (2 d) Hot Water Timing. Faucet knob pressed 3 times for 10 seconds. Timed @ 7 seconds.	Tech	RH 10
			Insp	RH 20
			Date	12 November 2020
19	Function test results continued	D. Flow and Pressure Test. Inlets pressurised to 26 psig for both tests. (1) 1 Cold Water Flow Test. Total Flow Hot & Cold: 20 GPH (2) 1 Hot Water Flow Test. Total Flow Hot & Cold: 20 GPH	Tech	RH 10
			Insp	RH 20
			Date	12 November 2020
20	Function test results continued	E. Operating Pressure Test Inlets pressurised to 37 psig, with zero (0) external leakage.	Tech	RH 10
			Insp	RH 20
			Date	12 November 2020
21	Function test results continued	F. Faucet Knob Operating Force Inlets pressurised to 35 psig, used cartridge assembly torque tool PN F6710. Torque required to turn is less than 5.0 in-lbs.	Tech	RH 10
			Insp	RH 20
			Date	12 November 2020
22	Function test results continued	G. Faucet Knob Push Force. Inlets pressurised to 35 p.s.i. for both sections. 3 (a) Faucet knob rotated to the COLD side. Required push force is less than 5.0 lbs. (b) Faucet knob rotated to the HOT side. Required push force is less than 5.0 lbs.	Tech	RH 10
			Insp	RH 20
			Date	12 November 2020
23			Tech	
			Insp	
			Date	
24			Tech	
			Insp	
			Date	

