
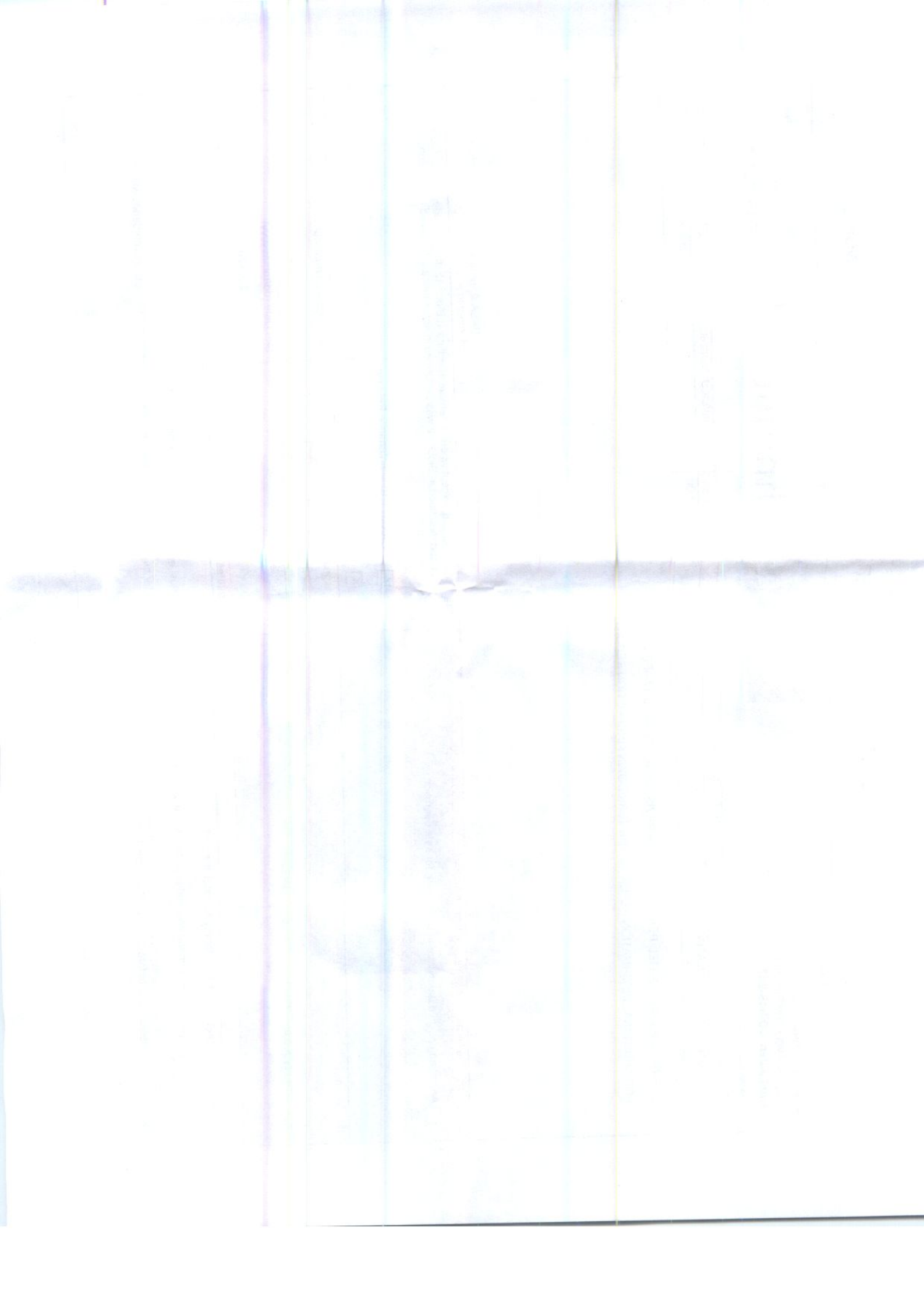


1. Approving Civil Aviation Authority/Country Transport Canada		2.		AUTHORIZED RELEASE CERTIFICATE FORM ONE		3. Form Tracking Number. WO82077	
4. Organization Name and Address. AJW Technique Inc 7055, rue Alexander Fleming Saint-Laurent QC H4S-2B7 Canada				5. Work Order, Contract or Invoice Number: R358631-1			
6. Item: 7. Description:		8. Part Number:		9. Quantity:		10. Serial/Batch Number:	
1 HIGH STAGE MODULATING VALVE		3214304-2		1.00		423	
11. Status/Work: OVERHAULED							
12. REMARKS OVERHAULED AND TESTED PER CMM 36-11-39 REVISION NO. 7 DATED 17 APRIL 2019. FOR ADDITIONAL INFORMATION REFER TO THE TEAR DOWN / INSPECTION REPORT.							
PRINTED FROM ELECTRONIC FILE							
13a. Certifies the items identified above were manufactured in conformity to: <input 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. Certifies that, except where otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was performed in accordance with Canadian Aviation Regulations. <input checked="" type="checkbox"/> CAR 571.10 Maintenance Release <input checked="" type="checkbox"/> Other regulation specified in Block 12			
13b. Signature:		13c. Approved Organization Number		14b. Signature 		14c. Approval Organization Number 33-12	
13d. Name (Typed or Printed):		13e. Date		14d. Name (Typed or Printed) Noel Lucas		14e. Date (dd/mm/yyyy) 23/Jul/2019	
Installer Responsibilities							
This certificate does not constitute authority to install the part.							
Installers working in accordance with the national regulations of a country other than specified in Block 1, must ensure that their regulations recognize certifications from the country specified. Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.							



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To:

A J Walter Aviation Ltd.
THE HEADQUARTERS
MAYDWELL AVENUE
SLINFOLD, WEST SUSSEX RH13 0AS
UNITED KINGDOM

Code: AJW01

Fax:

Descr: HIGH STAGE MODULATING VALVE

Phone:

P/N: 3214304-2

Qty: 1

Email:

S/N: 423

Mfg: HONEYWELL INTL

TSN: UNK

TSO: UNK

TSR: UNK

CSN: UNK

CSO: UNK

CSR: UNK

P/N Out: 3214304-2

S/N Out: 423

Symptoms:

CODE: REASON FOR REMOVAL

DETAILS: DOESN'T WORK PROPERLY.

Faults:

CODE: INITIAL TEST FAILURE

DETAILS: Unit failed port leakage test - exceeds maximum limit.
Butterfly won't fully closed and sticking.

CODE: DISASSEMBLY / INSPECTION FINDINGS

DETAILS: During disassembly and inspection of the unit the following anomalies were found:
Dented tube assy., rusty bearings, worn piston ring, bearing sleeves, seal shaft, setscrew, nuts, clip retainers, pins, spring washers, and seal ring sets.

CODE: CLEANING

DETAILS: Cleaning is required due to accumulation of carbon and rust.

CODE: OVERHAUL

DETAILS: Repair requested but due to extent of work to be done, an overhaul will be performed in accordance with CMM 36-11-39 revision no. 7 dated 17 April 2019.

Corrective Actions:

CODE: OVERHAULED

DETAILS: OVERHAULED AND TESTED PER CMM 36-11-39 REVISION NO. 7 DATED 17 APRIL 2019.

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PN	Description	Reason	Qty Needed	CD	Disposition
115467-57	WASHER-SPRING	WO	2	NE	Consumable
115935-2	WASHER SPRING	NR	3	NE	Consumable
137-517-9602	BEARING-SLEEVE	NR	2	NE	Consumable
3163268-10	RING PISTON	WO	1	NE	Consumable
3170146-1	WASHER, 0.010 "	WO	2	NE	Consumable
3170339-1	TUBE ASSY-METAL	WO	1	INSP/TE	Consumable
3171476-1	RING SET MATCHED PISTON	WO	1	NE	Consumable
3171476-2	RING SET MATCH PISTON	WO	1	NE	Consumable
358472-1	BEARING	WO	2	NE	Consumable
369042	DRY NON-LUBED BEARING	WO	1	INSP/TE	Consumable
880210-8	SETSCREW	WO	1	NE	Consumable
881787-23	RING SET SEAL	WO	1	NE	Consumable
881787-24	RING SET SEAL	WO	1	NE	Consumable
887986-5	CLIP RETAINING	NR	1	NE	Consumable
974386-5	SEAL SHAFT	WO	2	NE	Consumable
MS20427F4-4	RIVET	WO	1	NE	Consumable
MS21043-08	NUT	WO	4	NE	Consumable
MS21043-4	NUT - SELF-LOCKING	WO	1	NE	Consumable
MS24665-18	PIN	NR	1	NE	Consumable
NAS1352N08-8	SCREW	WO	2	NE	Consumable
S8157BT156-005	WASHER	WO	1	NE	Consumable
S8157N348-016	WASHER	WO	2	NE	Consumable
S9011F82-005	WASHER	WO	1	NE	Consumable



technique

7055 Alexander-Fleming st, Suite 100, Saint-Laurent, QC, Canada, H4S 2B7
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Tear Down/Inspection Report

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REASON LEGEND

- (AD) AD: Part replaced due to Air worthiness Directive that needs to be incorporated. This code will include the last digits of the "AD".
- (BR)* BROKEN: Part found Broken, cracked, crushed, ruptured, split, frayed, deformed. "NOT Customer Induced".
- (BU)* BURNT: Part found burnt, overheated, scorched, seared, blistered, short circuited etc...
- (CID) CUSTOMER INDUCED DAMAGED: Part which is found damaged due to lack of maintenance, incident, mishandling, FOD etc....
- (CO)* CORRODED: Part found corroded, pitted, rusted, decayed, oxidized, powdery and is beyond repair.
- (CM) 100% CMM: Part which is a mandatory replacement as per CMM.
- (CT)* CONTAMINATED: Part found contaminated by foreign object, debris, water, oil etc..." NOT Customer Induced".
- (DE)* DEFECTIVE: Part defective, intermittent or loose
- (DL)* DELAMINATED: Part found delaminated.
- (LE)* LEAKING: Part Leaking, seeping, porous beyond acceptable level as per CMM
- (MI) MISSING: Part missing to complete a unit as per CMM. "Customer responsibility"
- (MO) MODIFICATION: Part requires modification as per CMM or other technical documentation. Part may be modified or replaced with a modified part.
- (NR)* NOT REUSABLE: Part that cannot be reused EX: O-ring, rings, gaskets, packing's, retainers, stripped screws, lock nuts, seals, lock washer.
- (OS) OUT OF SCOPE: Unit discrepancy not directly caused by customer and is above and beyond normal wear and tear or excluded from applicable commercial contracts.
- (OT)* OUT OF TOLERANCE: Part did not meet the tolerance or calibration as per CMM.
- (RP)* RUPTURED: Part Punctured, ripped, torn, cut, deteriorated. (For Diaphragm, bellows...)
- (RW)* REWORKED: Part reworked, refurbished, balanced, machined as per CMM.
- (SB) SB: Part replaced due to Service Bulletin that needs to be incorporated. This code will include the last digits of the "SB"
- (SE)* SEIZED: Part seized.
- (SI) SIL: Part replaced due to Service Information Letter that needs to be incorporated. This code will include the last digits of the SIL.
- (TX) TIME CONTROLLED: Part reached the end of its life, it is time expired and may either be overhauled if applicable or replaced due to times or cycles.
- (WO)* WORN: Part scratched, grinded, rubbed, grooved, scrapped, gouged, chipped, abrasion etc....
- (WT) WARRANTY: Part replaced under warranty
- (CS) CUSTOMER SUPPLIED PARTS: Part supplied by customer
- (NDT) Non Destructive Test * NORMAL WEAR AND TEAR

TECHNIQUE

1. The first step is to identify the problem.

2. The second step is to define the objectives.

3. The third step is to select the appropriate method.

4. The fourth step is to implement the method.

5. The fifth step is to evaluate the results.

6. The sixth step is to draw conclusions.

7. The seventh step is to report the findings.

8. The eighth step is to discuss the implications.

9. The ninth step is to recommend further action.

10. The tenth step is to conclude the study.

11. The eleventh step is to publish the results.

12. The twelfth step is to disseminate the findings.

13. The thirteenth step is to monitor the progress.

14. The fourteenth step is to evaluate the impact.

15. The fifteenth step is to conclude the project.

16. The sixteenth step is to reflect on the experience.

17. The seventeenth step is to share the knowledge.

18. The eighteenth step is to continue the research.

19. The nineteenth step is to maintain the records.

20. The twentieth step is to ensure the quality.

21. The twenty-first step is to follow the standards.

22. The twenty-second step is to adhere to the rules.

23. The twenty-third step is to respect the ethics.

24. The twenty-fourth step is to uphold the integrity.

25. The twenty-fifth step is to maintain the honesty.

26. The twenty-sixth step is to ensure the transparency.

27. The twenty-seventh step is to promote the accountability.

28. The twenty-eighth step is to foster the collaboration.

29. The twenty-ninth step is to encourage the innovation.

30. The thirtieth step is to achieve the success.