

1. Approving Civil Aviation
Authority/Country

2.

AUTHORIZED RELEASE CERTIFICATE FORM ONE

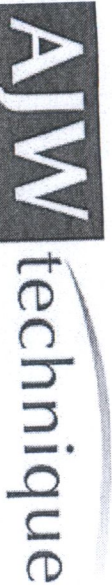
3. Form Tracking Number.

W0146580

Transport Canada

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:

U17685

6. Item 7. Description:

1 PUMP-HYDRAULIC

8. Part Number:

974800

9. Quantity:

1.00

10. Serial/Batch Number:

G0210570

11. Status/Work:

REPAIRED

12. REMARKS

UNIT REPAIRED AND TESTED CMM-29-10-55 REV# 10 DATED: JAN/26/2009.

TSN : 44606 HRS CSN : 8974
TSO : 44606 HRS CSO : 8974
TSR : 0 HRS CSR : 0

** FOR ADDITIONAL INFORMATION REFER TO TEAR DOWN / INSPECTION REPORT. **

PRINTED FROM ELECTRONIC FILE

EASA Approval No.: EASA.145.7260
Maintenance performed in accordance with FAR 43.17

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.

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.

- ☒ CAR 571.10 Maintenance Release
☒ 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)

Francois Castonguay

14e. Date (dd/mm/yyyy)

27/Sep/2023

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.

AJW. TECHNIQUE

100-7055 Alexander-Fleming, Saint-Laurent, QC, H4S 2B7, Canada
www.ajw-group.com

Tear Down/Inspection Report

Work Order: WO146580

Date Printed: 9/27/2023

Customer RO: U17685

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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: PUMP-HYDRAULIC

Phone:

P/N: 974800

Qty: 1

Email:

S/N: G0210570

Mfg: EATON LIMITED

TSN: 44606

TSO: 44606

TSR: 0

CSN: 8974

CSO: 8974

CSR: 0

P/N Out: 974800

S/N Out: G0210570

Symptoms:

CODE: REASON FOR REMOVAL

DETAILS:

PLEASE QUOTE TO TEST AND RECERTIFY. PLEASE QUOTE TO REPAIR IF IT FAILS TEST.
REMOVED IN EXP CONNDITION FROM AJW STOCK.

Faults:

CODE: CLEANING

DETAILS: -EXTERNAL CLEANING REQUIRED PRIOR TO TEST ARRIVAL / EVALUATION.

CODE: AD, SB, MOD, SIL REQUIREMENT

DETAILS: CUSTOMER REQUEST TO BE INCORPORATED:

-S.B. 974800-29-04 REV# 1 DATED: MARCH/17/2003 (MOD N) New type coupling shaft and grease.

-S.B. 848354-29-15 REV# 1 DATED MARCH/07/2001 (MOD D) Introduction carbon shaft seal.

-Both SERVICE BULLETIN were previously embodied.

CODE: INITIAL TEST FAILURE

DETAILS: -Unit shaft seal leakage above CMM limits.

-Unit leaking at split line between port cap and adapter block.

CODE: DISASSEMBLY / INSPECTION FINDINGS

DETAILS: DISASSEMBLY FINDINGS:

-Mating ring P/N 861302 sealing surface worn. To be re-lapped.

-Wafer plate P/N 3029198-001 running face worn. To be re-lapped.

-Yoke bearing P/N 693861 excessive side wear. To be replaced with new.

-Spring Guide P/N 623929 worn. To be replaced with new.

-New CMM shipping caps will be installed to prevent external leakage during shipping.

-All seals and packing's will be replaced with new.

CODE:

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REPAIR

DETAILS: Unit will be repaired in accordance with CMM.29-10-55 REV# 10 DATED: JAN/26/2009.

- Shaft Sealing Element P/N 972576 will be replaced with new.
- Mating ring P/N 861302 will be repaired (lapped).
- Wafer plate P/N 3029198-001 will be repaired (lapped).
- Bearing Shoe plate P/N 343544 will be repaired (lapped).
- New CMM shipping caps will be installed to prevent external leakage during shipping.
- All seals and packing's will be installed new.

Corrective Actions:

CODE: REPAIRED

DETAILS: UNIT REPAIRED AND TESTED CMM.29-10-55 REV# 10 DATED: JAN/26/2009.

- Shaft Sealing Element P/N 972576 replaced with new.
- Mating ring P/N 861302 repaired (lapped).
- Wafer plate P/N 3029198-001 repaired (lapped).
- Bearing Shoe plate P/N 343544 repaired (lapped).
- New CMM shipping caps installed to prevent external leakage during shipping.
- All seals and packing's installed new.

PN	Description	Reason	Qty Needed	Disposition
3029198-001	WAFER PLATE	WO	1	Work Order
3029361	SEAL	NR	1	Consumable
3029515-120	BLOCKING VALVE SEAL	NR	1	Consumable
3029610-121	SEAL VALVE FACE	NR	1	Consumable
329282	SEAL	NR	1	Consumable
330894	WASHER WAVE	WO	1	Consumable
343544	SHOE PLATE	WO	1	Work Order
623929	GUIDE SPRING	WO	1	Consumable
861302	RING MATING	WO	1	Work Order
861938	RING, SEALING	NR	1	Consumable
890548	SEAL	NR	1	Consumable
890550	SEAL	NR	1	Consumable
9216-797	PACKING, PREFORMED	NR	1	Consumable
972576	ELEMENT, SEALING	WO	1	Consumable
AS4300B06	CAP	MI	1	Consumable
AS4300B16	CAP	MI	1	Consumable
AS4300B20	CAP	MI	1	Consumable

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Tear Down/Inspection Report

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NAS1611-012	RING	NR	1	Consumable
NAS1611-014	RING	NR	2	Consumable
NAS1611-015	RING	NR	2	Consumable
NAS1611-016	PACKING	NR	1	Consumable
NAS1611-018	PACKING O-RING	NR	1	Consumable
NAS1611-021	RING	NR	1	Consumable
NAS1611-111	O-RING	NR	1	Consumable
NAS1611-119	RING	NR	1	Consumable
NAS1611-120	RING	NR	1	Consumable
NAS1611-123	PREFORMED PACKING	NR	1	Consumable
NAS1611-133A	RING	NR	1	Consumable
NAS1611-216	PACKING	NR	1	Consumable
NAS1611-240	O-RING	NR	1	Consumable
NAS1611-245A	RING	NR	1	Consumable
NAS1612-4A	PACKING	NR	0	Consumable
NAS1612-8	PACKING	NR	1	Consumable
S34781-010H29	SEAL	CM	5	Consumable

Work Order: WO146580

Date Printed: 9/27/2023

Customer RO: U17685

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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/MELTED: 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.
- (CMM) 100% CMM: Part which is a mandatory replacement as per CMM.
- (CR) CUSTOMER REQUEST
- (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"
- (MOD) 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.
- (OOS) 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.
- (OOT)* 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.
- (SIL) 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
- (NDT) NON DESTRUCTIVE TEST
- (IP) INCORRECT PART; (SS) SUPERSEDED; (AR) AS REQUIRED;
- * NORMAL WEAR AND TEAR

AJW[®]TECHNIQUE

100-7055 Alexander-Fleming, Saint-Laurent, QC, H4S 2B7, Canada
www.ajw-group.com

WO Packing Slip

WO #: WO146580

Date: 9/27/2023 Time: 9:51:15 AM

Cust Ref #J17685

SM #: SH167929



SH167929

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To:

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

Ship To:

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

Order Date: 8/8/2023

Ship Via:

Ship Via Acc:

Prepared By: SYSDBA

Customer #: AJW01

Buyer:

Part Number/Description	Qty	
974800 PUMP-HYDRAULIC Loc/Whse: Serial #: G0210570	1	



DOCKED