

1. Approving Civil Aviation Authority/Country	2.	3. Form Tracking Number.
Transport Canada		WO144195

AUTHORIZED RELEASE CERTIFICATE
FORM ONE

4. Organization Name and Address.	5. Work Order, Contract or Invoice Number:
AJW Technique Inc 7066, rue Alexander Fleming Saint-Laurent QC H4S-2B7 Canada	R413253



6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial/Batch Number:	11. Status/Work:
1	Pressure Controller	792755-15	1.00	2013010012	OVERHAULED

12. REMARKS
OVERHAULED AS PER OEM CMM 36-12-10 REV.# 51 DATED: FEB. 03/2023.
SOLENOID - PN: 808633-3 / SN: 5539
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:	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 type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12	<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)	14e. Date (dd/mm/yyyy)
		Christian Melgar	27/Oct/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.

Work Order: WO144195

Date Printed: 10/27/2023

Customer RO: R413253

Page: 1

To:

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

Code: AJW01

Fax:

Descr: Pressure Controller

Phone:

P/N: 792755-15

Qty: 1

Email:

S/N: 2013010012

Mfg: HAMILTON SUNDSTRAND

TSN: UNK

TSO: UNK

TSR: UNK

CSN: UNK

CSO: UNK

CSR: UNK

P/N Out: 792755-15

S/N Out: 2013010012

Symptoms:

CODE: REASON FOR REMOVAL

DETAILS: DUCT PRESSURE LOW

Faults:

CODE: FAULTS FOUND DURING INITIAL TESTING

DETAILS: - Failed Solenoid Leakage Test : Leakage is more than 0.08ppm at actuator pressure port.
- Failed Diaphragm leakage Test : Leakage is more than 0.5 psig.

CODE: DISASSEMBLY / INSPECTION FINDINGS

DETAILS: During disassembly and inspection of the unit the following anomalies were found:

- Packings & cotter pin are not reusable and need replacement.
- Solid Shims, Diaphragm, Spool Sleeve, Shims, Nuts, Bimetallic Disk, Straight Headed Pin, Orifice, Spring, etallic Disk, Dry ball, Washers, Poppet, Orifice and Bearings are worn and need replacement.

CODE: CLEANING

DETAILS: Cleaning is required due to the condition of the unit.

CODE: OVERHAUL

DETAILS: Unit fully disassembled and inspected. 100% consumable to be replaced.

Repair requested, due to the extent of work to be done an Overhaul will be performed in accordance with OEM CMM 36-12-10 rev. no. 51 dated Feb. 03/2023.

Corrective Actions:

CODE: OVERHAULED

DETAILS: OVERHAULED AS PER OEM CMM 36-12-10 REV.# 51 DATED: FEB. 03/2023.

SOLENOID - PN: 808633-3 / SN: 5539

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Page: 2

PN	Description	Reason	Qty Needed	Disposition
544075-2	SHIM	NR	4	Consumable
69291C6P6-44	STRAIGHT HEADED PIN	WO	1	Consumable
69494J10	RING	NR	1	Consumable
69494J11	PACKING, PREFORMED	NR	1	Consumable
69494J12	RING	NR	1	Consumable
69494J13	RING	NR	2	Consumable
69494J6	PACKING	NR	2	Consumable
69494J902	RING	NR	1	Consumable
69494J906	PACKING, PREFORMED	NR	1	Consumable
700051-21	POPPET	WO	1	Consumable
730405-1	BEARING, DRY CLSD	WO	2	Consumable
732003-31	WASHER	WO	2	Consumable
732066-37	SOLID SHIM	NR	2	Consumable
732085-18	PRESSURE CONTROL SHIM	WO	1	Consumable
765680-10	BIMETALLIC DISK	WO	3	Consumable
775032-1	SPRING	WO	1	Consumable
775035-5	BODY, VALVE	WO	1	Consumable
792801-5	DIAPHRAGM, CONTROL	RP	1	Consumable
792847-1	SPOOL & SLEEVE	WO	1	Consumable
797774-2	ORIFICE	WO	1	Consumable
MS19060-4810	DRY BALL	WO	1	Consumable
MS24665-1011	COTTER PIN	NR	1	Consumable
NAS620C6	WASHER	WO	1	Consumable
NAS620C8L	WASHER	NR	7	Consumable

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Customer RO: R413253

Page: 3

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 #: WO144195

Date: 10/27/2023 Time: 1:18:13 PM

Cust Ref #R413253

SM #: SH169536



SH169536

Page: 1

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: 6/23/2023

Ship Via:

Ship Via Acc:

Prepared By: SYSDBA

Customer #: AJW01

Buyer:

Part Number/Description	Qty
792755-15 Pressure Controller Loc/Whse: Serial #: 2013010012	1



DOCKED