


1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE		3. Form Tracking Number. WO98575	
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: W48217-1	
6. Item: 7. Description:		8. Part Number:		9. Quantity:	
1 BLED CONTROL VALVE ASSY		4100837G		1.00	
				10. Serial/Batch Number: 0939	
				11. Status/Work: OVERHAULED	
12. REMARKS -Bleed Control Valve was Overhauled in accordance with CMM. #49-53-02 revision #11, dated 31oct.2019. -Time Since Overhaul: 0:00 HRS. Time Since New: Unknown. -For additional information, refer to the Tear Down / Inspection Report.					
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: <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 	
13d. Name (Typed or Printed):		13e. Date		14c. Approval Organization Number 33-12	
				14d. Name (Typed or Printed) Jose Chicoine	
				14e. Date (dd/mm/yyyy) 11/Feb/2021	
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: WO98575

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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: BLEED CONTROL VALVE ASSY

Phone:

P/N: 4100837G

Qty: 1

Email:

S/N: 0939

Mfg: AUXILIARY POWER

TSN: N/A

TSO: N/A

TSR: N/A

CSN: N/A

CSO: N/A

CSR: N/A

P/N Out: 4100837G

Serial Out: 0939

Symptoms:

CODE: REASON FOR REMOVAL

DETAILS: INOP. REPAIR

Faults:

CODE: RE-QUOTE

DETAILS: ***Re-quote is required due to faulty LVDT P/N 4951025 serail# 027422***

-Inspected / Tested LVDT was installed and Bleed Control Valve succeeded all tests.

CODE: WARRANTY REQUESTED

DETAILS: ***Bleed Control Valve arrived in shop completely disassembled (see pictures attached), therefore WARRANTY IS DENIED***

CODE: PARTS MISSING/INCOMPLETE

DETAILS: -Bearings P/N 4900268, Carbon Ring P/N 4951436, actuator dynamic seals and scraper seals were found missing (see BOM list for more details).

CODE: FUNCTIONAL TEST

DETAILS: -Functional test could not accomplished due to condition of unit.

CODE: INSPECTION

DETAILS: -Inlet Duct Flange was found slightly damaged but within manufacturer's reparable limits. Flange will be straightened and polished per manufacturer's instructions.

-Some corrosion was observed on aluminum housings. Corrosion will be blended out, bare material will be protected with Alodine 1200 per manufacturer's instructions.

-Several fasteners were found corroded. They will be replaced.

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CODE: OVERHAUL

DETAILS: -Unit fully disassembled and inspected. 100% consumable to be replaced.
-Servo-Valve P/N 4951023 serial# 6783 will be sent OV for Overhaul.
-Inspected / Tested LVDT P/N 4951025 was installed.

-Bleed Control Valve will be Overhauled in accordance with CMM. #49-53-02 revision #11, dated 31oct.2019.

THIS ESTIMATE IS SUBJECT TO LVDT P/N 4951025 SERIAL# 027422 TO PASS FINAL TESTREQUOTE IS POSSIBLE***

Corrective Actions:

CODE: OVERHAULED

DETAILS: -Bleed Control Valve was Overhauled in accordance with CMM. #49-53-02 revision #11, dated 31oct.2019.

PN	Description	Reason	Qty Needed	Disposition
4100893	PIN, ACTUATOR	NR	2	Consumable
4100900-2	SHIM	MI	0	Consumable
4100900-3	SHIM	MI	0	Consumable
4100938	GASKET, CONNECTOR	MI	1	Consumable
4101118	CLIP, RETAINING	MI	1	Consumable
4900261	SEAL, SHAFT	MI	1	Consumable
4900268	BEARING, BALL	MI	2	Consumable
4900291	SCRAPER, ROD	MI	1	Consumable
4900292	SEAL, ROD	MI	1	Consumable
4900293	SEAL, BACK-UP	MI	1	Consumable
4900294	RING SET, PISTON	MI	1	Consumable
4900295	SEAL ROD	MI	1	Consumable
4951023	SERVOVALVE	DE	1	Replace
4951025	TRANSDUCER, LVDT-1	DE	1	Consumable
4951436	RING, SEALING	MI	1	Consumable
AN6289J3	NUT	MI	1	Consumable
AN6289J4	NUT	MI	0	Consumable
FC-400	COVER, FLANGE	MI	1	Consumable
FC350	CAPS	MI	2	Consumable

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M25988-3-031	O-RING	NR	1	Consumable
M25988/1-131	PACKING, PREFORMED	NR	2	Consumable
M83248-1-117	PACKING, PREFORMED	NR	1	Consumable
M83248-1-904	PACKING, PREFORMED	NR	1	Consumable
M83248-1-904	PACKING, PREFORMED	NR	1	Consumable
M83248-1-905	PACKING, PREFORMED	NR	4	Consumable
M83248/1-156	PACKING, PREFORMED	NR	2	Consumable
M83248/1-903	O-RING	NR	1	Consumable
MS16562-213	.094X.500"C"ROLL PIN	MI	1	Consumable
MS171560	PIN, SPRING	NR	1	Consumable
MS21908J3	ELBOW	MI	1	Consumable
MS24665-86	PIN	NR	0	Consumable
MS24665-86	PIN	NR	4	Consumable
MS28773-03	RETAINER	NR	1	Consumable
MS28773-03	RETAINER	MI	0	Consumable
MS28773-04	RETAINER	NR	1	Consumable
MS28773-04	RETAINER	MI	0	Consumable
MS9967-011	PACKING, PREFORMED	NR	1	Consumable
MS9967-012	PACKING, PREFORMED	NR	3	Consumable
MS9967-112	O-RING	NR	2	Consumable
MS9967-123	O-RING	NR	2	Consumable
NAS1149C0316B	WASHER	NR	0	Consumable
NAS1149C0316B	WASHER	NR	8	Consumable
NAS1149CN816R	WASHER	MI	3	Consumable
NAS1351C3-12	SCREW	CO	6	Consumable
NAS1351C3-24	SCREW	CO	1	Consumable
NAS1351C4-12	SCREW	CO	10	Consumable
NAS1352C08-10	SCREW	CO	4	Consumable
X09524	PLUG	NR	2	Consumable

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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.
- (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: Part supplied by customer
- (NDT) NON DESTRUCTIVE TEST
- (IP) INCORRECT PART; (SS) SUPERSEDED; (AR) AS REQUIRED;
- * NORMAL WEAR AND TEAR