

1. Approving Civil Aviation Authority/Country
Transport Canada

2. **AUTHORIZED RELEASE CERTIFICATE**
FORM ONE

3. Form Tracking Number:
WO107486

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:
R382430-1

6. Item 7. Description:
 1 LEADING EDGE SLAT ACTUATOR

8. Part Number:
 381800-1005

9. Quantity:
 1.00

10. Serial/Batch Number:
 14199

11. Status/Work:
 REPAIRED

12. REMARKS
 This unit was repair, tested and finalized in accordance with CMM 27-80-06, Rev #15, Dated: Dec/19/2019.
 For additional information please refer to the tear down / inspection report.

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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

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

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
33-12

13d. Name (Typed or Printed):
 Narcisse Oumbé

14c. Approval Organization Number
33-12

14e. Date (dd/mm/yyyy)
 23/Jun/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: WO107486

Date Printed: 23/06/2021

Customer RO: R382430-1

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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: LEADING EDGE SLAT ACTUATOR

Phone:

P/N: 381800-1005

Qty: 1

Email:

S/N: 14199

Mfg: PARKER HANNIFIN CORP

TSN: UNK

TSO: UNK

TSR: 0

CSN: UNK

CSO: UNK

CSR: 0

P/N Out: 381800-1005

S/N Out: 14199

Symptoms:

CODE: REASON FOR REMOVAL

DETAILS: RFR; FOUND LEAKAGE.

Faults:

CODE: PARTS MISSING/INCOMPLETE

DETAILS: - Upon arrival, unit was missing shipping caps (Qty:4) P/N: MS21914-4W. (Ref pic).

CODE: CLEANING

DETAILS: - Cleaning is required prior to test arrival / evaluation due to the accumulation of dirt on the unit.

CODE: INITIAL TEST FAILURE

DETAILS: - Unit failed internal and external leakage test during initial test.

CODE: DISASSEMBLY / INSPECTION FINDINGS

DETAILS: - Inner piston P/N: 381844-1 and outer piston P/N: 381845 found lighth scratches need to be polished.
- Leaking between piston P/N 256A2257-2 and Gland P/N 256A2258-1 due to worn seal P/N S32925-25H5N , P/N S30855-333H99 and P/N S39852-335H5N.
- All necessary seals and back ups need to be replaced with new.

CODE: REPAIR

DETAILS: This unit will be repair and tested in accordance with CMM 27-80-06, Rev #15, Dated: Dec/19/2019.

- Inner piston P/N: 381844-1 and outer piston P/N: 381845 will be polished.
- All seals and back ups will be replaced with new.

Corrective Actions:

CODE: REPAIRED

DETAILS: This unit was repair, tested and finalized in accordance with CMM 27-80-06, Rev #15, Dated: Dec/19/2019.

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- Inner piston P/N: 381844-1 and outer piston P/N: 381845 was polished.
- All seals and back ups was replaced with new.

<i>PN</i>	<i>Description</i>	<i>Reason</i>	<i>Qty Needed</i>	<i>Disposition</i>
NAS1612-4	PACKING	NR	4	Consumable
S32925-25H5N	EXCLUDER	WO	1	Consumable
S30855-333-H99	PLUS SEAL II	WO	1	Consumable
381879-1	WIRE LOCK	NR	1	Consumable
S30852-335H5N	PLUS SEAL II	NR	1	Consumable
S30855-219H99	PLUS SEAL II	WO	1	Consumable
S32925-14H5N	EXCLUDER DC	NR	1	Consumable
NAS1611-228	PACKING	NR	1	Consumable
S30852-326H5N	PLUS SEAL II	WO	1	Consumable
381887-1	TAB LOCKING	NR	1	Consumable
BACR12BM112	RING, BACKUP TEFLON	NR	2	Consumable
NAS1611-112	ORING	NR	1	Consumable
BACR12BM212	RING	NR	2	Consumable
NAS1611-212	PACKING	NR	1	Consumable
NAS1612-4	PACKING	NR	1	Consumable
381873-1	TAB LOCKING	NR	1	Consumable
MS21914-4W	CAP	MI	4	Consumable
NAS1611-233	RING	NR	1	Consumable
S11109-119	RING-BACKUP	WO	2	Consumable
NAS1611-119	RING	WO	1	Consumable
MS28782-4	BACKUP	WO	1	Consumable
NAS1611-009	PACKING	WO	1	Consumable
MS28782-1	RING-BACKUP	WO	1	Consumable
NAS1611-006	PREFORMED ORING	WO	1	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