


1. Approving Civil Aviation Authority/Country <b>Transport Canada</b>		2. <b>AUTHORIZED RELEASE CERTIFICATE FORM ONE</b>		3. Form Tracking Number. <b>WO143198</b>	
4. Organization Name and Address. <b>AJW Technique Inc</b> 7055, rue Alexander Fleming Saint-Laurent QC H4S-2B7 Canada				5. Work Order, Contract or Invoice Number: <b>R412316</b>	
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial/Batch Number:	11. Status/Work:
1	THRUST REVERSER LOCKING ACTUATOR	315A1801-23	1.00	2304	OVERHAULED
12. REMARKS UNIT OVERHAULED AND TESTED AS PER CMM 78-31-02 REV.#31 DATED 01/MAR/2022.  TSN : UNK    CSN : UNK TSO : OHRS    CSO : 0  ** FOR ADDITIONAL INFORMATION REFER TO 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 <i>Sean Benoit</i> 		14c. Approval Organization Number <b>33-12</b>	
13d. Name (Typed or Printed):	13e. Date	14d. Name (Typed or Printed) Sean Benoit		14e. Date (dd/mm/yyyy) 21/Aug/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: WO143198

Date Printed: 8/21/2023

Customer RO: R412316

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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: THRUST REVERSER LOCKING ACTUATOR ASSY

Phone:

P/N: 315A1801-23

Qty: 1

Email:

S/N: 2304

Mfg: BOEING

TSN: UNK

TSO: 0

TSR: 0

CSN: UNK

CSO: 0

CSR: 0

P/N Out: 315A1801-23

S/N Out: 2304

**Symptoms:**

CODE: REASON FOR REMOVAL

DETAILS: RFR: HYDRAULIC LEAK.

**Faults:**

CODE: CLEANING

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

CODE: INITIAL TEST FAILURE

DETAILS: TEST ARRIVAL FINDINGS :

- Unit failed operation and leakage test, above CMM limits.

\*\* ORIGINAL AIRCRAFT SNAG CONFIRMED.\*\*

CODE: DISASSEMBLY / INSPECTION FINDINGS

DETAILS: DISASSEMBLY FINDINGS :

- Piston slightly worn at rod end seal location. Needs to be cleaned and polished.
- Feedback rod, slightly worn at seal location. Needs to be cleaned and polished.
- Proper shipping caps will be installed to prevent leakage.
- All seals, packings and back-ups will be replaced with new.

CODE: OVERHAUL

DETAILS: Repair requested. Due to condition of the unit and the extent of the work required ,an Overhaul will be performed AS PER CMM 78-31-02 REV.#31 DATED 01/MAR/2022.

- Piston slightly will be cleaned and polished.
- Feedback rod will be cleaned and polished.
- Proper shipping caps will be installed to prevent leakage.
- All seals, packings and back-ups will be replaced with new.

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### Corrective Actions:

CODE: OVERHAULED

DETAILS: Unit was Overhaul and tested AS PER CMM 78-31-02 REV.#31 DATED 01/MAR/2022.

- Piston cleaned and polished.
- Feedback rod cleaned and polished.
- Proper shipping caps installed to prevent leakage.
- All seals, packings and back-ups replaced with new.

PN	Description	Reason	Qty Needed	Disposition
29911-1971	CAP	BR	2	Consumable
315A1814-1	NUT	WO	1	Consumable
315A1828-2	PIN-LOCKING	NR	1	Consumable
315A1833-1	WASHER LOCK	NR	1	Consumable
315A1835-3	SHIM - .005"	cmm	1	Consumable
315A1835-4	SHIM - .003"	CMM	1	Consumable
315A1867-1	SPACER	WO	1	Consumable
315A1890-1	LOCK WASHER	NR	1	Consumable
BAC27DTR0013	MARKER - ALUMINUM FOIL - CAUT	WO	1	Consumable
BACB28X7J037	SLEEVE, BUSHING	WO	2	Consumable
BACN10JC3	NUT	NR	1	Consumable
BACN10JC4	NUT	NR	1	Consumable
BACN10JC4CM	NUT	NR	2	Consumable
BACN10JC5	NUT	NR	1	Consumable
BACS11AA011	SEAL-FOOT	WO	1	Consumable
BACS34A5A	SCRAPER	WO	1	Consumable
MLT2HLP	TIE	nr	3	Consumable
MS28782-12	RING	WO	4	Consumable
MS28782-14	RING	WO	2	Consumable
MS28782-17	RING	WO	2	Consumable
MS28782-20	RING	WO	2	Consumable
MS28782-5	RING	WO	4	Consumable
MS28782-6	BACKUP RING	WO	2	Consumable
MS28783-3	RING	WO	2	Consumable

# AJW. TECHNIQUE

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

## Tear Down/Inspection Report

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MS9901-08	PLUG	MI	1	Consumable
NAS1351C3H10P	SCREW	WO	3	Consumable
NAS1611-010	PREFORMED ORING	NR	2	Consumable
NAS1611-011	RING	NR	2	Consumable
NAS1611-114	RING	NR	2	Consumable
NAS1611-116	PACKING PREFORMED	NR	2	Consumable
NAS1611-122	RING	NR	1	Consumable
NAS1611-212	PACKING	NR	1	Consumable
NAS1611-215	RING	NR	1	Consumable
NAS1611-225	RING	NR	1	Consumable
NAS1612-12	RING	NR	4	Consumable
NAS1612-2	ORING	NR	1	Consumable
NAS1612-4	PACKING	NR	1	Consumable
NAS1612-6	PACKING	NR	2	Consumable
NAS1612-8	PACKING	NR	2	Consumable
S30395-5-16H	EXCLUDER	WO	1	Consumable
S32991-116H-5	SEAL-HAT	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.
- (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<sup>®</sup>TECHNIQUE

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

## WO Packing Slip

WO #: WO143198

Date: 8/21/2023 Time: 12:25:15 PM

Cust Ref #R412316

SM #: SH165880



SH165880

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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: 6/5/2023

Ship Via:

Ship Via Acc:

Prepared By: SYSDBA

Customer #: AJW01

Buyer:

Part Number/Description

Qty

315A1801-23 THRUST REVERSER LOCKING ACTUATOR ASSY 1

Loc/Whse:

Serial #: 2304



DOCKED