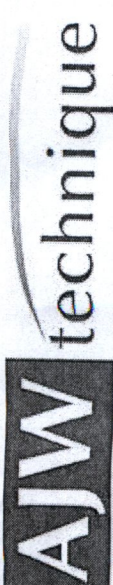



1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking Number. WO139004	
4. Organization Name and Address. AJW Technique Inc 7055, rue Alexander Fleming Saint-Laurent QC H4S-2B7 Canada						5. Work Order, Contract or Invoice Number: T40813-1
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial/Batch Number:	11. Status/Work:	
1	HYDRAULIC ACTUATOR (CARGO DOOR)	S4-3300346-02	1.00	01367	OVERHAULED	
12. REMARKS <p>** Unit overhauled, tested and finalized in accordance with the CMM 52-33-19, Rev #11, Dated: Feb/07/2017 and CRM 52-33-19, Rev #6, Dated: Mar/03/2017. It fully disassembled, inspected and 100% consumable replaced with new. ** SB S4-3300346-52-02, Rev #1, Dated: Jan/14/2009 incorporated and letter 'F' added on admnt plate.</p> <p>FOR ADDITIONAL INFORMATION REFER TO TEAR DOWN / INSPECTION REPORT.</p>						
<div>PRINTED FROM ELECTRONIC FILE</div> <div>EASA Approval No.: EASA.145.7260 Maintenance performed in accordance with FAR 43.17</div>						
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 		14c. Approval Organization Number 33-12		
13d. Name (Typed or Printed):	13e. Date	14d. Name (Typed or Printed) Narcisse Oumbé		14e. Date (dd/mm/yyyy) 16/Nov/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: WO139004

Date Printed: 16/11/2023

Customer RO: T40813-1

Page: 1

To:

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

Code: AJW01

Fax:

Descr: HYDRAULIC ACTUATOR (CARGO DOOR)

Phone:

P/N: S4-3300346-02

Qty: 1

Email:

S/N: 01367

Mfg: LIEBHERR LINDENBERG

TSN: UNK

TSO: 0

TSR: 0

CSN: UNK

CSO: 0

CSR: 0

P/N Out: S4-3300346-02

S/N Out: 01367

Symptoms:

CODE: REASON FOR REMOVAL

DETAILS: RFR: PLEASE TEST AND RECERTIFY.

Faults:

CODE: PARTS MISSING/INCOMPLETE

DETAILS: Unit arrived without following parts:
- Information Label P/N: E4-2050461.
- Proper shipping caps.

CODE: INITIAL TEST FAILURE

DETAILS: - Unit failed external and internal leakage test. Beyond CMM limits.
- Operation test failed.

CODE: DISASSEMBLY / INSPECTION FINDINGS

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

- Bushing guide P/N: 1586-0004 found corroded (Ref pictures)
- Ring guide P/N: 2000A1573K01 found broken. (Ref pictures)
- Valve Housing (port A) found broken (Ref pictures)
- Piston rod P/N: E1-2006170 found light scratches.
- Seal P/N: 7220FT952-5770 worn causing external leakage during operation.
- Scraper Ring P/N: WEZHA10003 found wear.

**** REQUOTE ****

- PIPE ASSY P/N S4-3700200 found corroded on O.D. (Ref Pictures)

CODE: CLEANING

DETAILS: - Parts needed to be cleaned to facilitated visual inspection and check.

CODE: AD, SB, MOD, SIL REQUIREMENT

DETAILS: - SB S4-3300346-52-02, Rev #1: Jan/14/2009 will be embodied.
- AMENDMENT: 'F' will be added on admt plate.

Work Order: WO139004

Date Printed: 16/11/2023

Customer RO: T40813-1

Page: 2

- Gland P/N: E2-2009811 will be replaced with Gland P/N: 1586-0004.

CODE: DISASSEMBLY / INSPECTION FINDINGS

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

- Spring of tappet P/N: 1586-0006 found broken causing inoperation of light during final test.

CODE: OVERHAUL

DETAILS: ** Due to extend of the work and condition of the parts, unit will be overhauled, it will be fully disassembled and inspected, 100% consumable will be replaced in accordance with the CMM 52-33-19, Rev #11, Dated: Feb/07/2017 and CRM 52-33-19, Rev #6, Dated: Mar/03/2017.

** SB S4-3300346-52-02, Rev #1, Dated: Jan/14/2009 will be incorporated.

- Bushing guide P/N: 1586-0004 will be replaced with new
- Ring guide P/N: 2000A1573K01 will be replaced with new
- Valve Housing (port A) P/N: 1586-0026 will be replaced with new
- Piston rod P/N: E1-2006170 will be polished.
- 100% seals and back ups will be replaced with new
- All missing parts will be installed.

- Gland P/N: 1586-0004 will be installed as per SB S4-3300346-52-02 and letter 'F' will be added on admnt plate.

**** REQUOTE ****

- PIPE ASSY P/N S4-3700200 will be replaced with new.
- Tappet P/N: 1586-0006 will be replaced with new.

CODE: RE-QUOTE

DETAILS: Re-quote is required for the following reason(s):

- Unit failed Running-in test during final test during.

Corrective Actions:

CODE: OVERHAULED

DETAILS: ** Unit overhauled in accordance with the CMM 52-33-19, Rev #11, Dated: Feb/07/2017 and CRM 52-33-19, Rev #6, Dated: Mar/03/2017. It fully disassembled, inspected and 100% consumable replaced with new.

** SB S4-3300346-52-02, Rev #1, Dated: Jan/14/2009 incorporated.

- Bushing guide P/N: 1586-0004 replaced with new
- Ring guide P/N: 2000A1573K01 replaced with new
- Valve Housing (port A) P/N: 1586-0026 replaced with new
- Piston rod P/N: E1-2006170 polished.
- 100% seals and back ups replaced with new
- All missing parts installed.
- Gland P/N: 1586-0004 installed as per SB S4-3300346-52-02 and letter 'F' added on admnt plate.
- PIPE ASSY P/N S4-3700200 replaced with new.
- Tappet P/N: 1586-0006 replaced with new.

PN	Description	Reason	Qty Needed	Disposition
1586-0004	GLAND	SB S4-3300346-52-02	1	Consumable
1586-0006	PLUNGER/ROD	BR	1	Consumable
1586-0026	VALVE HOUSING	BR	1	Consumable
2000A1573K01	RING, WEAR , GLAND	WO	1	Consumable

Work Order: WO139004

Date Printed: 16/11/2023

Customer RO: T40813-1

Page: 3

2000A1574K01	RING, WEAR, PISTON	WO	1	Consumable
2000A3021K01	RING	NR	2	Consumable
2000A9025K01	PACKING PERFORMED	NR	1	Consumable
7218FT952-5770	SEAL ASSEMBLY	NR	1	Consumable
7220FT952-5770	SEAL	NR	1	Consumable
7328MT952P5	SEAL	NR	1	Consumable
8412	TAPE, ADHESIVE CLEAR	NR	1	Consumable
E3-2040640	PLUG	SE	1	Consumable
E4-2040630	PLATE, LOCKING	NR	1	Consumable
E4-2050461	INFORMATION LABEL	CMM	1	Consumable
E4-6002420	RING, BACK-UP	WO	1	Consumable
MS21914-4W	CAP	MI	1	Consumable
MS21914-6D	CAP	MI	1	Consumable
MS90376-8R	PROTECTIVE CAP EC-8	MI	1	Consumable
MS9581-14	WASHER, INT TAB	NR	1	Consumable
NAS1611-009A	RING	NR	1	Consumable
NAS1611-014A	RING	NR	3	Consumable
NAS1611-015A	RING	NR	1	Consumable
NAS1611-118A	RING	NR	1	Consumable
NAS1611-125A	PACKING	NR	1	Consumable
NAS1611-142A	RING, BACK-UP	NR	1	Consumable
NAS1612-4A	PACKING	NR	2	Consumable
NAS1612-4A	PACKING	NR	7	Consumable
S11109-009	RING, BACK-UP	NR	1	Consumable
S11109-142	RING, BACK-UP	NR	1	Consumable
S4-3700200	PIPE, ASSY	CO	1	Consumable
WEZHA10003	EXCLUDER	WO	2	Consumable

Work Order: WO139004

Date Printed: 16/11/2023

Customer RO: T40813-1

Page: 4

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