

1. Approving Civil Aviation
Authority/Country
Transport Canada

AUTHORIZED RELEASE CERTIFICATE
FORM ONE

3. Form Tracking Number:
WO56132

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:
R326904-1

6. Item/7. Description:

1. Feel Actuator Cylinder Assy

8. Part Number:
65-44503-8

9. Quantity:
1.00

10. Serial/Batch Number:
489

12. REMARKS

11. Status/Work:
REPAIRED

Unit was repaired and tested as per CMM 27-3-1-15 Rev.37 dated Nov 01/2016.
- For additional information, refer to the tear down / inspection report.

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:

13d. Name (Typed or Printed):

13e. Date

14b. Signature

14c. Approval Organization Number
33-12

14d. Name (Typed or Printed)
Ronald Dorr

14e. Date (dd/mm/yyyy)
16/Oct/2017

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.

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Authority/Country

2.

Transport Canada

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technique

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

Tear Down/Inspection Report

Work Order #: WO56132

Date Printed: 10/16/2017

Customer RO: R326904-1

Page: 1

To:

A J WALTER AVIATION LIMITED
THE HEADQUARTERS
MAYDWELL AVENUE
SLINFOLD, WEST SUSSEX RH13 0AS
UNITED KINGDOM

Phone #:

Code: AJW01

Descr: Feel Actuator Cylinder Assy

Fax #:

PN: 65-44503-8

Serial # : 489

Email:

Qty: 1

Mfg: BOEING

TSN: N/A

TSO: N/A

TSR: N/A

CSN: N/A

CSO: N/A

CSR: N/A

P/N Out: 65-44503-8

Serial # out: 489

Symptoms:

CODE: REASON FOR REMOVAL

DETAILS: LEAKED.

Faults:

CODE: CLEANING

DETAILS: - Cleaning is required prior to test arrival for inspection on test, and after disassembly for parts evaluation.

CODE: INITIAL TEST FAILURE

DETAILS: - Initial test failure is attributed to external leakage during operation.
- Unit is leaking from redundant rod end.

CODE: CUSTOMER REASON FOR REMOVAL CONFIRMATION

DETAILS: - Reason for removal was confirmed on test arrival. Actuator is leaking on test arrival.

CODE: DISASSEMBLY / INSPECTION FINDINGS

DETAILS: - During disassembly and inspection of the unit the following anomalies were found:
- After disassembly found all o-rings, seals and scrappers worn and in need of replacement.

CODE: REPAIR

DETAILS: - The following repairs will be performed:
- This unit will be repaired and tested as per CMM 27-31-15 Rev.37 dated Nov 01/2016.
- All worn consumables will be replaced.



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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: 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.
- (CM) 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"
- (MO) 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.
- (OS) 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.
- (OT)* 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.
- (SI) 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
- * NORMAL WEAR AND TEAR

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Corrective Actions:

CODE: REPAIRED

DETAILS: - Unit was repaired and tested as per CMM 27-31-15 Rev.37 dated Nov 01/2016.

PN	Description	Reason	Qty Needed	CD	Disposition
69-35969-1	WASHER	NR			
BACR12BJ116A	RING	NR	2	NE	Consumable
BACS34A5A	SCRAPER	WO	2	NE	Consumable
MS28782-23	RING	NR	2	NE	Consumable
MS28782-5	RING	NR	4	NE	Consumable
MS28782-5	RING	NR	4	NE	Consumable
NAS1611-010	PREFORMED ORING	WO	4	NE	Consumable
NAS1611-010	PREFORMED ORING	WO	2	NE	Consumable
NAS1611-116	PACKING PREFORMED	WO	2	NE	Consumable
NAS1611-214	RING	NR	2	NE	Consumable
NAS1611-218	PACKING	WO	2	NE	Consumable
S33709-214H20	SEAL AY	WO	2	NE	Consumable