



1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking Number. WO45189	
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: W37316-1
6. Item	7. Description:	8. Part Number:	9. Quantity:	10. Serial/Batch Number:	11. Status/Work:	
1	SPOILER & ELEVATOR COMPUTER	B372BAM0511	1.00	Q00136013207	REPAIRED	
12. REMARKS Repaired and tested serviceable in accordance with CMM 27-94-10A , Rev 24 . Dated: OCT. 16/15 For more information refer to the Teardown / Inspection report.						
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)		14e. Date (dd/mm/yyyy)
				Mehran Mohammady		23/Jan/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.						



technique

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www.ajw-aviation.com

Tear Down/Inspection Report

Work Order #: WO45189

Date Printed: 23/01/2017

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To:

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

Phone #:

Code: AJW01

Fax #:

PN: B372BAM0511

Serial #: Q00136013207

Email:

Qty: 1

Descr: SPOILER & ELEVATOR COMPUTER

Mfg: THALES

TSN: N/A

TSO: N/A

TSR: N/A

CSN: N/A

CSO: N/A

CSR: N/A

P/N Out: B372BAM0511

Serial # out: Q00136013207

Symptoms:

CODE: REASON FOR REMOVAL

DETAILS: FLIGHT CONTROL SEC3 FAULT

Faults:

CODE: QUOTE

DETAILS: PRELIMINARY INSPECTION (VISUAL):

PART MISSING: NO
DAMAGE FOUND (CID): NO
HRS/CYCLE RECEIVED: NO

ADDITIONAL REQUIREMENT:

AD, SB, MOD, SIL NO
ADD.CUST. REQUEST NO

WARRANTY REQUESTED? YES

TEST ARRIVAL:

INITIAL TEST FAIL? YES

REASON FOR REMOVAL CONFIRMED: YES

DISASSEMBLY/INSPECTION:

ANY ANOMALIES FOUND DURING DISASSEMBLY/INSPECTION NO

WORK TYPE: REPAIR

WORKSCOPE:

CALIBRATION NO
CLEANING NO
OUT OF SCOPE NO
OVERHAUL NO
PAINTING NO



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PCBR YES
REPAIR YES
REWORK NO
TIME CONTROLLED/TX NO
RE-QUOTE: NO

CODE: - WARRANTY REQUESTED

DETAILS: Warranty requested is: denied as last visit unit tested with No Fault Found 5 months ago. (Previous visit prior to that NFF visit, warranty is expired; more than 18 months ago)

CODE: PCBR

DETAILS: Both MON and COM CPU Main Processor board with P/N: E13086AA01 must be replaced with serviceable boards in order to fix problem. (fault is intermittent on both PCB, repair is not possible)

CODE: REPAIR

DETAILS: The following repair(s) will be performed:

All dents, scratches and dings found on the LRU do not impact equipment function.

After performing deep investigation and several tests at various temperatures It was found that the unit rarely had intermittent problems (Failed once every 20 hrs). PCB repair will be required.

Unit will be repaired and tested in accordance with CMM

Corrective Actions:

CODE: REPAIRED

DETAILS: Cleaned properly the unit.

Defective PCB's are replaced with serviceable ones.

The unit is repaired and tested serviceable in accordance with CMM 27-94-10A , Rev 24 . Dated: OCT. 16/15

PN	Description	Reason	Qty Needed	CD	Disposition
E13086AA01	PCB, CPU	DE	1	INSP/TE	Work Order
E13086AA01	PCB, CPU	DE	1	INSP/TE	Work Order



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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