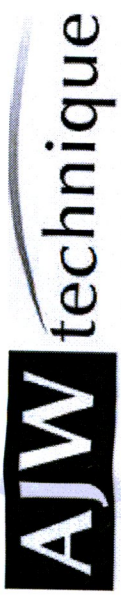


1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking Number. WO28546	
4. Organization Name and Address. AJW Technique Inc 7055, rue Alexander Fleming Saint-Laurent QC H4S-2B7 Canada						5. Work Order, Contract or Invoice Number: R278581-1
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial/Batch Number:	11. Status/Work:	
1	Decoder Encoder Unit DEU Type B	Z040H0003110	1.00	040H00000615	REPAIRED	
12. REMARKS REPAIRED AND TESTED SERVICEABLE IN ACCORDANCE WITH CMM 23-73-47 REV 11 DATED NOV 10/2014. FOR MORE INFORMATION, REFER TO THE TEARDOWN/INSPECTION REPORT.						
PRINTED FROM ELECTRONIC FILE						
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		14c. Approval Organization Number 33-12		
13d. Name (Typed or Printed):		13e. Date		14d. Name (Typed or Printed) Bernard Belanger 14e. Date (dd/mm/yyyy) 25/Nov/2015		
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

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

Tear Down/Inspection Report

Work Order #: WO28546

Date Printed: 25/11/2015

Customer RO: R278581-1

Page: 1

To:

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

Phone #:

Code: AJW01

Fax #:

PN: Z040H0003110

Serial # : 040H00000615

Email:

Qty: 1

Descr: Decoder Encoder Unit DEU Type B

Mfg: AIRBUS

TSN: N/A

TSO: N/A

TSR: N/A

CSN: N/A

CSO: N/A

CSR: N/A

P/N Out: Z040H0003110

Serial # out: 040H00000615

Symptoms:

CODE: FAULTY

DETAILS:

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? NO

TEST ARRIVAL:

INITIAL TEST FAIL? YES

REASON FOR REMOVAL CONFIRMED: YES

DISASSEMBLY/INSPECTION:

ANY ANOMALIES FOUND DURING DISASSEMBLY/INSPECTION YES

WORK TYPE: REPAIR

WORKSCOPE:

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

Work Order #: WO28546

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

CODE: PARTS MISSING/INCOMPLETE

DETAILS: Unit came without protective connector cover at J3. - New cover will be install.

CODE: INITIAL TEST FAILURE

DETAILS: Initial test failure is attributed to...
- No current draw. suspect power supply problem.

CODE: DISASSEMBLY / INSPECTION FINDINGS

DETAILS: During disassembly and inspection of the unit the following anomalies were found:
- Regulator IC4 found shorted causing diode D28 to overheat(See 2 pictures) and burning the board. Damage to the PCB can not be repair. Main PCB will need to be replace.

CODE: REPAIR

DETAILS: The following repair(s) will be performed:
- Main printed circuit board will be replace.
- Final test will be perform after re-assembly.

Corrective Actions:

CODE: REPAIRED

DETAILS: MAIN PRINTED CIRCUIT BOARD REPLACED.

REPAIRED AND TESTED SERVICEABLE IN ACCORDANCE WITH CMM 23-73-47 REV 11 DATED NOV 10/2014.

PN	Description	Reason	Qty Needed	CD	Disposition
4272-50S	D-TYPE CONNECTOR COVER	MI	1	NE	Consumable
Z040H2103110	PCB - DEU-B	BU	1	INSP TE	Consumable

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
- * NORMAL WEAR AND TEAR