

1. Approving Civil Aviation
Authority/Country
Transport Canada

2

AUTHORIZED RELEASE CERTIFICATE FORM ONE

4. Organization Name and Address.

AJW Technique Inc
7055, rue Alexander Fleming
Saint-Laurent QC H4S 2B7
Canada

3. Form Tracking Number.

WO15614

5. Work Order, Contract or
Invoice Number.

R252998-1

6. Item, 7. Description:

1. AMU Audio Management Unit

8. Part Number.

AMU2790EB06

9. Quantity.

1.00

10. Serial/Batch Number.

229

11. Status/Work.

REPAIRED

12. REMARKS

Unit tested and repaired in accordance with CMM 23-51-34 Rev 14
For detail information please see 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

14d. Name (Typed or Printed)

Benoit Carle

14c. Approval Organization Number

33-12

14e. Date (dd/mm/yyyy)

20/Feb/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.

Work Order #: WO15614

Date Printed: 20/02/2015

Customer RO: R252998-1

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

Phone #:

Code: AJW01

Fax #:

PN: AMU2790EB06

Serial # : 229

Email:

Qty: 1

Descr: AMU Audio Management Unit

Mfg: TEAM

TSN: 0

TSO: 0

TSR: 0

CSN: 0

CSO: 0

CSR: 0

P/N Out: AMU2790EB06

Serial # out: 229

Symptoms:

CODE: REASON FOR REMOVAL

DETAILS: Inop.

Faults:

CODE: QUOTE

DETAILS: PRELIMINARY INSPECTION (VISUAL):

PART MISSING: YES
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 YES

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: PARTS MISSING/INCOMPLETE

DETAILS: - One cover screw missing.

CODE: WARRANTY REQUESTED

DETAILS: Warranty requested is: Denied
Description of warranty action taken:
- Faults found on this repair order are not related with the previous repair.

CODE: INITIAL TEST FAILURE

DETAILS: Initial test failure is attributed to...
- 4th MAN: intermittent losing power to ACP.
- 4th MAN: HF2 no transmission signal.
- 5th MAN: reception intermittent.

CODE: DISASSEMBLY / INSPECTION FINDINGS

DETAILS: During disassembly and inspection of the unit the following anomalies were found:
- Found one contact BP6 not locked properly in the ARINC bottom plug of the unit, losing +28VDC intermittently to the ACP 4th MAN, also causing recording of many faults in the memory of the unit.

CODE: PCBR

DETAILS: OPTIONAL INTERFACE BOARD

The following repair:

- Found one electronic module PL1 and relay K26 inoperative for the HF2 channel, require replacing.

5th AUDIO BOARD

The following repair:

- Found one capacitor C82 burnt, require replacing.

CODE: REPAIR

DETAILS: The following repair(S) will be performed:
- Visual inspection on the outside and inside of the unit.
- New screw on the cover will be installed.
- ARINC bottom plug contact BP6 will be locked.
- Electronic module PL1, relay K26 and capacitor C82 will be replaced.
- Final test will be performed after re-assembly to re-certify the unit.

Corrective Actions:

CODE: REPAIRED

DETAILS: Unit repaired in accordance with CMM 23-51-34 Rev.14

PN	Description	Reason	Qty Needed	CD	Disposition
104928RE04	SCREW SCREW	MI	1	NE	Consumable
122-25V478M	CAPACITOR,ELECTROLYTIC,4.7M	DE	1	INSP TI	Consumable
3279AA01	POWER INTERFACE MODULE	DE	1	INSP TI	Consumable
G5A-237P-DC24	RELAY	DE	1	NE	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: 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.
- (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, 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