1. Approving Civil Aviation Authority/Country	2.	3. Form Tracking Number.
Transport Canada	**AUTHORIZED RELEASE CERTIFICATE** ***FORM ONE***	**WO10571**

4. Organization Name and Address.

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

AJW technique

5. Work Order, Contract or Invoice Number

R241110-1

6. Item	7. Description:	8. Part Number:	9. Quantity:	10. Serial/Batch Number:	11. Status/Work:
1	Handset	ST3100-21-10	1.00	515	REPAIRED

12. REMARKS

The unit is repaired and tested serviceable in accordance with CMM 23-40-01, Rev 5, dated Dec 20, 2006.
For detail information please see TEAR DOWN / INSPECTION report.

EASA Approval No.: EASA.145.7260
Maintenance performed in accordance with FAR 43.17

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

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	14b. Signature	14c. Approval Organization Number
			33-12
13d. Name (Typed or Printed):	**13e. Date**	**14d. Name (Typed or Printed)**	**14e. Date (dd/mmm/yyyy)**
		Gangjie Cui	21/Aug/2014

Installer Responsibilities

This certficate 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

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

Tear Down/Inspection Report

Work Order #: WO10571
Date Printed: 21/08/2014
Customer RO: R241110-1
Page: 1

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

Phone #: **Fax #:** **Email:**

Code: AJW01 **PN:** ST3100-21-10 **Serial # :** 515 **Qty:** 1

Descr: Handset **Mfg:** BECKER AVIONICS

TSN: 0 **TSO:** 0 **TSR:** 0 **CSN:** 0 **CSO:** 0 **CSR:** 0

P/N Out: ST3100-21-10 **Serial # out:** 515

Symptoms:

CODE: REASON FOR REMOVAL
DETAILS: All functions 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? 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	YES
CLEANING	YES
OUT OF SCOPE	NO
OVERHAUL	NO
PAINTING	NO
PCBR	NO

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

CODE: INITIAL TEST FAILURE

DETAILS: Initial test failed for all function except ear phone still working.

CODE: DISASSEMBLY / INSPECTION FINDINGS

DETAILS: during disassembling, 3 screws which is fastening PC board to housing, are found missing. This cause PTT switch hard to be activated.

CODE: OUT OF CALIBRATION

DETAILS: Mic level Calibration wil be performed as per CMM.

CODE: CLEANING

DETAILS: Cleaning is required due to dirty outside / inside of the unit.

CODE: REPAIR

DETAILS: The following repair(S) will be performed:
Replace defective REED switch. Fix low Mic level (corrosion / broken wires) and perform calibration on Mic output. Repair over stretched / deformed coil cord and clean unit.

Corrective Actions:

CODE: REPAIRED

DETAILS: Replaced defective REED switch. Fixed low Mic level (corrosion / broken wires) and performed calibration on Mic output.
Repaired over stretched / deformed coil cord and cleaned unit.
The unit is repaired and tested serviceable per CMM 23-40-01.

PN	Description	Reason	Qty Needed	CD	Disposition
825-654-278	SWITCH REED SWITCH	BR	1	NE	Consumable
KA25X8WN1442	SCREW, (BECKER PNR 822-760-20	MI	3	NE	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.

(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 CONTROLED: 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