

1. Approving Civil Aviation Authority/Country <b>Transport Canada</b>		2. <b>AUTHORIZED RELEASE CERTIFICATE</b> <b>FORM ONE</b>			3. Form Tracking Number: <b>WO555540</b>	
4. Organization Name and Address: <b>AJW Technique Inc</b> <b>7055, rue Alexander Fleming</b> <b>Saint-Laurent QC H4S-2B7</b> <b>Canada</b>				5. Work Order, Contract or Invoice Number: <b>R326174-1</b>		
6. Item Description:		8. Part Number:	9. Quantity:	10. Serial/Batch Number:	11. Status/Work:	
1 Handset		ST3100-21-10	1.00	535	REPAIRED	
12. REMARKS  REPAIRED AND TESTED SERVICEABLE IN ACCORDANCE WITH CMM 23-40-01 REVISION 5, DEC 20/2006.  FOR ADDITIONAL INFORMATION, REFER TO TEAR DOWN/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 <i>Shaoying Zhang</i>	14c. Approval Organization Number <b>33-12</b>		14e. Date (dd/mm/yyyy) <b>27/Sep/2017</b>	
13d. Name (Typed or Printed):	13e. Date	14d. Name (Typed or Printed) <b>Shaoying Zhang</b>				
<p align="center"><b>Installer Responsibilities</b></p> <p>This certificate does not constitute authority to install the part.</p> <p>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.</p> <p>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.</p>						

**AJW** technique

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

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

<b>Phone #:</b> Code: AJW01 Descr: Handset	<b>Fax #:</b> PN: ST3100-21-10	<b>Serial #</b> 535	<b>Email:</b> Qty: 1 Mfg: BECKER AVIONICS GMBH
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TSN: N/A	TSO: N/A	TSR: N/A	CSN: N/A	CSO: N/A	CSR: N/A
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P/N Out	ST3100-21-10	Serial # out:
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### Symptoms

CODE: REASON FOR REMOVAL  
DETAILS: Rear interphone U/S.

### Faults:

CODE: CUSTOMER INDUCED DAMAGE  
DETAILS: Description of damage found:  
-Crack found in Upper case,requires replacing.  
Possible cause of damage:unit mishandled,banged or dropped.  
-Lower case broken,requires replacing.  
Possible cause of damage:unit mishandled,banged or dropped.  
-Identification requires replacing because of Lower case replacement.  
-Earphone parts fallen apart,requires replacing.  
Possible cause of damage:unit mishandled,banged or dropped.

See attached picture(s) QTY: 4

CODE: INITIAL TEST FAILURE  
DETAILS: Initial test failure is attributed to  
- Microphone audio output test fail,low output found.  
- Receiver audio output test fail,no output found.

CODE: PCBR  
DETAILS: PC Board  
- The following repair: to solder the resistor.

CODE: OUT OF CALIBRATION  
DETAILS: Perform Microphone audio output calibration per CMM specifications.

CODE: REPAIR  
DETAILS: The following repairs will be performed:



# technique

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## Tear Down/Inspection Report

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- UPPER CASE, LOWER CASE, RESISTOR, PLATE IDENTIFICATION and EARPHONE will be replaced.
- Microphone output will be calibrated.
- RESISTOR will be re soldered to the PC Board.
- CAPACITOR, REED SWICTCH will be resealed.

FINAL TEST WILL BE PERFORMED AFTER RE-ASSEMBLY TO RE-CERTIFY THE UNIT.

### Corrective Action

CODE: REPAIRED

DETAILS: The following repairs are performed:

- UPPER CASE, LOWER CASE, RESISTOR, PLATE IDENTIFICATION and EARPHONE are replaced.
- Microphone output is calibrated.
- RESISTOR is re soldered to the PC Board.
- CAPACITOR, REED SWICTCH are resealed.

REPAIRED AND TESTED SERVICEABLE IN ACCORDANCE WITH CMM 23-40-01 REVISION 5, DEC 20/2006.

PN	Description	Reason	Qty Needed	CD	Disposition
532-843-258TM	plate, identification	CID	1	NE	Consumable
821-391-284	LOWER CASE CASE	CID	1	NE	Consumable
822-728-352	CAPSULE	CID	1	NE	Consumable
824-496-284	UPPER CASE CASE	CID	1	NE	Consumable
SMM02040C8259FB30	RESISTOR, METAL FILM, 82.	DE	1	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.
- (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.