

1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE		3. Form Tracking Number. WO151167	
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: T42647	
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial/Batch Number:	11. Status/Work:
1	Energy Box - Power Supply Unit	8ES455012-00	1.00	1023	REPAIRED
12. REMARKS Repaired and tested in accordance with CMM 33-42-41 Rev 1 dated Sep 15/99 specifications for serviceability. For additional information refer to Tear Down/Inspection report.					
PRINTED FROM ELECTRONIC FILE					
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 	
13d. Name (Typed or Printed):		13e. Date		14c. Approval Organization Number 33-12	
				14d. Name (Typed or Printed) Ricardo Barrera	
				14e. Date (dd/mm/yyyy) 05/Dec/2023	
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.					

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To:

A J Walter Aviation Ltd.
THE HEADQUARTERS
MAYDWELL AVENUE
SLINFOLD, WEST SUSSEX RH13 0AS
UNITED KINGDOM

Code: AJW01

Fax:

Descr: Energy Box - Power Supply Unit

Phone:

P/N: 8ES455012-00

Qty: 1

Email:

S/N: 1023

Mfg: GOODRICH LIGHT GMBH

TSN: UNK

TSO: UNK

TSR: UNK

CSN: UNK

CSO: UNK

CSR: UNK

P/N Out: 8ES455012-00

S/N Out: 1023

Symptoms:

CODE: TEST AND RECERTIFY

DETAILS: Test and recertify.
If fails test, quote for repair.

Faults:

CODE: CUSTOMER REASON FOR REMOVAL CONFIRMATION

DETAILS: Shop check to be performed as per customer requests.

CODE: INITIAL TEST FAILURE

DETAILS: Initial test failure is attributed to functional test anode voltage(475 V) not as per CMM specifications.(505 +/-25V)

CODE: DISASSEMBLY / INSPECTION FINDINGS

DETAILS: During disassembly and inspection of the unit the following anomalies were found:

Unit dirty.
Capacitor assy screws corroded.
Unit anode voltage miscalibrated.

See attached pictures.

CODE: CLEANING

DETAILS: Cleaning is required due to unit dirty.

CODE: OUT OF CALIBRATION

DETAILS: Perform calibration per CMM for anode voltage after unit repair.

CODE: REPAIR

DETAILS: Repairs to be performed:

Unit to be disassembled and cleaned
Capacitors assy screws to be buffed and conformal coating to be applied.
Unit anode voltage to be calibrated.

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Unit to be reassembled and tested

Final inspection and testing will be performed in accordance with CMM 33-42-41 for serviceability.

Corrective Actions:

CODE: REPAIRED

DETAILS: Repairs performed:

Unit disassembled and cleaned
Capacitors assy screws buffed and conformal coating applied.
Unit anode voltage calibrated.
Unit reassembled and tested

Repaired and tested in accordance with CMM 33-42-41 Rev 1 dated Sep 15/99 specifications for serviceability.