



1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking Number. WO94952		
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. R372577-1			
6. Item 7. Description:		8. Part Number:		9. Quantity:		10. Serial/Batch Number:	11. Status/Work:
1 MOTOR STARTER - AUXILIARY POWER U		4952164		1.00		3364	OVERHAULED
12. REMARKS Unit overhauled in accordance with CMM ATA 49-41-07, REV 09, dated April 21/2016 For further information please refer to tear down 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:  		14c. Approval Organization Number 33-12	
13d. Name (Typed or Printed):		13e. Date		14d. Name (Typed or Printed) Haikal Dib		14e. Date (dd/mm/yyyy) 12-Jan-2021	
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: WO94952

Date Printed: 2021-01-12

Customer RO: R372577-1

Page: 1

To:

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

Code: AJW01

Fax:

Descr: MOTOR STARTER - AUXILIARY POWER UNIT

Phone:

P/N: 4952164

Qty: 1

Email:

S/N: 3364

Mfg: PRATT & WHITNEY

TSN: N/A

TSO: N/A

TSR: N/A

CSN: N/A

CSO: N/A

CSR: N/A

P/N Out: 4952164

Serial Out: 3364

Symptoms:

CODE: DEFECT

DETAILS: RFR: AFTER LANDING APU FAILED TO START, AUTO SHUTDOWN.

Faults:

CODE: INITIAL TEST FAILURE

DETAILS: Unit fail insulation test.

CODE: CLEANING

DETAILS: Heavy contamination with oil and carbon dust; to be deeply cleaned.

CODE: REWORK

DETAILS: Armature commutator worn; to be repaired.

CODE: PAINTING

DETAILS: Unit needs to be repainted.

CODE: OVERHAUL

DETAILS: Unit fail insulation test.
Heavy contamination with carbon dust; to be deeply cleaned.
Brushes worn; to be replaced.
Armature commutator worn; to be repaired.
Cover insulation cracked; to be replaced.
Bearings worn; to be replaced.
Pre-load washer worn; to be replaced.
Lock-nuts, lock-washers, and O-rings not reusable; to be replaced.
Unit needs to be repainted.
Unit to be overhauled in accordance with CMM 49-41-07 Rev. 9, Dated Apr 21/16.

Work Order: WO94952

Date Printed: 2021-01-12

Customer RO: R372577-1

Page: 2

Corrective Actions:

CODE: OVERHAULED

- DETAILS:
- Unit cleaned
 - Brushes replaced.
 - Armature Commutator repaired.
 - Cover Insulation replaced.
 - Bearings replaced.
 - Pre-load Washer replaced.
 - Lock-Nuts, Lock-Washers, and O-Rings replaced.
 - Unit repainted.

Unit overhauled in accordance with CMM 49-41-07 Rev. 9, Dated Apr 21/16.

PN	Description	Reason	Qty Needed	Disposition
104FFT5G18	BEARING, DRIVE END	WO	1	Consumable
4950136-12	SCREW M3X25LG	WO	2	Consumable
4950136-14	INSULATION, COVER	BR	1	Consumable
4950136-2	WASHER, SPRING	NR	1	Consumable
4950136-42	WASHER, PRE LOAD	WO	1	Consumable
4950136-43	ARMATURE ASSY	RW	1	Repair
4950136-5	WASHER, SPRING	NR	1	Consumable
4952164-1	BRUSH AND TAG ASSEMBLY	WO	4	Consumable
60FT-524	NUT, SELF LOCKING, BRASS	NR	1	Consumable
60FT-624	NUT, SELF LOCKING, BRASS	NR	1	Consumable
999-4-41552-001	BEARING COMM END	WO	1	Consumable
DIN127B-M4-A2	WASHER	NR	4	Consumable
M83248/1-018	PACKING, PREFORMED	NR	1	Consumable
M83248/1-024	o ring	NR	1	Consumable
NAS1149C0563R	WASHER	MI	1	Consumable
NAS1149C0663R	WASHER	MI	1	Consumable

Work Order: WO94952

Date Printed: 2021-01-12

Customer RO: R372577-1

Page: 3

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/MELTED: 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.
- (CMM) 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"
- (MOD) 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.
- (OOS) 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.
- (OOT)* 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.
- (SIL) 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
- (CS) CUSTOMER SUPPLIED PARTS: Part supplied by customer
- (NDT) NON DESTRUCTIVE TEST
- (IP) INCORRECT PART; (SS) SUPERSEDED; (AR) AS REQUIRED;
- * NORMAL WEAR AND TEAR