



1. Approving Civil Aviation Authority/Country <b>Transport Canada</b>		2. <b>AUTHORIZED RELEASE CERTIFICATE FORM ONE</b>				3. Form Tracking Number. <b>WO150638</b>					
4. Organization Name and Address. <b>AJW Technique Inc 7055, rue Alexander Fleming Saint-Laurent QC H4S-2B7 Canada</b>						5. Work Order, Contract or Invoice Number: <b>R419572</b>					
6. Item/7. Description:						8. Part Number:		9. Quantity:		10. Serial/Batch Number:	
1		FLIGHT MANAGEMENT AND GUIDANCE C		C13042BA07		1,00		C13042012160		11. Status/Work: REPAIRED	
12. REMARKS UNIT REPAIRED AND TESTED SERVICEABLE AS PER CMM 22-83-54 REV 20 DATED MAR 20/2023 USING TEST PROGRAM BS6G-03. FOR MORE INFORMATION REFER TO TEAR DOWN REPORT  <div style="display: flex; justify-content: space-between;"> <div> FM CARD: EXT. COM. PCB: FMS OPERATIONAL SOFTWARE: </div> <div> BATTERIES EXPECTED LIFE TIME: BATTERIES EXPECTED LIFE TIME: P/N PS4087600 903 </div> <div> DEC/2027 OCT/2028 </div> </div>											
<div style="text-align: center;"> PRINTED FROM ELECTRONIC FILE </div>											
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 <b>33-12</b>					
13d. Name (Typed or Printed):		13e. Date		14d. Name (Typed or Printed) El Bachir Rabet		14e. Date (dd/mm/yyyy) 11/Dec/2023					
<b>Installer Responsibilities</b>											
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: WO150638**

**Date Printed: 12/11/2023**

**Customer RO: R419572**

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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:** FLIGHT MANAGEMENT AND GUIDANCE COMPUTER (FMGC)

**Phone:**

**P/N:** C13042BA07

**Qty:** 1

**Email:**

**S/N:** C13042012160

**Mfg:** THALES AVIONICS SAS

**TSN:** UNK

**TSO:** 0

**TSR:** 0

**CSN:** UNK

**CSO:** 0

**CSR:** 0

**P/N Out:** C13042BA07

**S/N Out:** C13042012160

**Symptoms:**

**CODE:** REPAIR

**DETAILS:** HIL 240 RECERTIFICATION.  
ENSURE BATTERY LIFE IS STATED ON THE RELEASE CERT AND IS NOT LESS THAN 2 YEARS.

**Faults:**

**CODE:** INITIAL TEST FAILURE

**DETAILS:** UNIT FAILED THE ARRIVAL TEST ON ATEC 6 IN CHAPTER 18.

**CODE:** REPAIR

**DETAILS:** UNIT FAILED THE ARRIVAL TEST ON ATEC 6 IN CHAPTER 18.  
LEVEL 2 TROUBLESHOOTING FOUND FM CARD AT FAULT.

**CODE:** TIME CONTROLLED/TX

**DETAILS:** The following parts are Time Controlled/TX: THE BATTERIES OF EXT. COM. PCB.

Old Part #: 3B6045

Old TX Date : SEP/2021

THE BATTERIES BT1-BT4 OF EXT. COM. PCB (A46) EXPIRY DATE IS SEPTEMBER 2021 AS PER SXT/SIL-1001 REV 5  
DATED AUG 16/2023.

NEED TO BE REPLACED.

**CODE:** PCBR

**DETAILS:** THE FM CARD MUST BE REWORKED ( FOR REPAIR AND BATTERIES REPLACEMENT).

**Corrective Actions:**

**CODE:** REPAIRED

**DETAILS:** UNIT REPAIRED AND TESTED SERVICEABLE AS PER CMM 22-83-54 REV 20 DATED MAR 20/2023 USING TEST  
PROGRAM BS6G-03.

PN	Description	Reason	Qty Needed	Disposition
3B6045	BATTERY	TX	4	Consumable
4084070-903	FM Card FMGC	RW	1	Repair



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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/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.
- (CR) CUSTOMER REQUEST
- (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
- (NDT) NON DESTRUCTIVE TEST
- (IP) INCORRECT PART; (SS) SUPERSEDED; (AR) AS REQUIRED;
- \* NORMAL WEAR AND TEAR