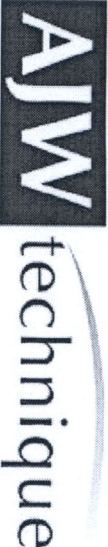



1. Approving Civil Aviation Authority/Country Transport Canada		2.			3. Form Tracking Number. WO87131		
4. Organization Name and Address. AJW Technique Inc 7055, rue Alexander Fleming Saint-Laurent QC H4S 2B7 Canada				5. Work Order, Contract or Invoice Number. R364565-1			
6. Item: 7. Description: 8. Part Number: 9. Quantity: 10. Serial/Batch Number: 11. Status/Work:							
1	FLIGHT MANAGEMENT AND GUIDANCE C	B546CCM0106	1.00	6010	REPAIRED		
12. REMARKS REPAIRED AND TESTED SERVICEABLE PER CMM 22-83-50A REV.15 DATED FEBRUARY 25, 2016 AND ATEC TEST PROGRAM 6-BS2A REL.02. THE MEMORY BATTERIES EXPECTED LIFE IS NOVEMBER 2025. FOR MORE INFORMATION REFER TO THE TEAR DOWN REPORT.							
<div style="text-align: center;">  </div>							
<div style="text-align: center;"> <p>PRINTED FROM ELECTRONIC FILE</p> <p>EASA Approval No.: EASA.145.7260</p> <p>Maintenance performed in accordance with FAR 43.17</p> </div>							
13a. Certifies the items identified above were manufactured in conformity to:		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 type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12		<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) Stephane Hervieux		14e. Date (dd/mm/yyyy) 05/Nov/2019			
<div style="text-align: center;"> <p>Installer Responsibilities</p> </div>							
<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

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

Tear Down/Inspection Report

Work Order: WO87131

Date Printed: 11/5/2019

Customer RO: R364565-1

Page: 1

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

Phone:

P/N: B546CCM0106

Qty: 1

Email:

S/N: 6010

Mfg: THALES AVIONICS SAS

TSN: N/A

TSO: N/A

TSR: N/A

CSN: N/A

CSO: N/A

CSR: N/A

P/N Out: B546CCM0106

Serial Out: 6010

Symptoms:

CODE: REPAIR

DETAILS: FMGC 2 FAULT.

ENSURE BATTERY LIFE IS STATED ON THE RELEASE CERT AND IS NOT LESS THAN 2 YEARS

Faults:

CODE: INITIAL TEST FAILURE

DETAILS: On test on ATEC6 test station, multiple FM and FG failures.

CODE: REPAIR

DETAILS: The following repair(s) will be performed:

All the surface mounted ICs on card A51 FM I/O PROCESS, card A52 DATABASE and card A53 FM MAIN PROCESS need to be re-soldered to avoid intermittent failure of the unit.

The memory batteries BT1 to BT4 on EXT card A56 expiry date is September 2018 per Thales SIL SXT/SIL-1001 rev.2 dated November 5, 2010. They need to be replaced.

The inside unit is very dusty. Need to clean all the cards and hardware.

CODE: TIME CONTROLLED/TX

DETAILS: The following parts are Time Controlled/TX:

Old Part #: 3B6045

Old TX Date :September 2018

The memory batteries BT1 to BT4 on EXT card A56 expiry date is September 2018 per Thales SIL SXT/SIL-1001 rev.2 dated November 5, 2010. They need to be replaced.

CODE: PCBR

DETAILS: All the surface mounted ICs on card A51 FM I/O PROCESS, card A52 DATABASE and card A53 FM MAIN PROCESS need to be re-soldered to avoid intermittent failure of the unit.

CODE: CLEANING

DETAILS: The inside unit is very dusty. Need to clean all the cards and hardware.

Corrective Actions:

CODE: REPAIRED

DETAILS: RESOLDERED ALL SURFACE MOUNTED ICs ON CARDS A51, A52 AND A53. REPLACED THE MEMORY BATTERIES BT1 TO BT4 ON EXT CATD A56. PER THALES SIL SXT/SIL-1001 REV.2 DATED NOVEMBER 5, 2010 THE MEMORY BATTERIES EXPIRY DATE IS NOVEMBER 2025. CLEANED ALL THE CARDS AND HARDWARE.