


1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE		3. Form Tracking Number. WO146990	
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: R415851	
6. Item: 7. Description:		8. Part Number:		9. Quantity:	
1		Smoke Detector		PPA2101-00	
				10. Serial/Batch Number: 722	
				11. Status/Work: REPAIRED	
12. REMARKS Repaired as per CMM 26-16-16 REV.9 DEC 01/21 For additional/complete information, refer to tear down/inspection report. PIN 2100-00 is modified to P/N 2101-00					
EASA Approval No.: EASA.145.7260 Maintenance performed in accordance with FAR 43.17					
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					
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		14b. Signature 		14c. Approval Organization Number 33-12	
13b. Signature:		13c. Approved Organization Number		14d. Name (Typed or Printed) Claude Messier	
13d. Name (Typed or Printed):		13e. Date		14e. Date (dd/mm/yyyy) 19/Oct/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.					

AJW TECHNIQUE

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

Tear Down/Inspection Report

Work Order: WO146990
Date Printed: 2023-10-19
Customer RO: R415851
Page: 1

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

Code: AJW01	Fax:	Descr: Smoke Detector	Qty: 1
Phone:		P/N: PPA2100-00	Mfg: SIEMENS SAS
Email:		S/N: 722	
TSN: UNK	TSO: UNK	TSR: UNK	CSN: UNK
		CSO: UNK	CSR: UNK

P/N Out: PPA2101-00 **S/N Out:** 722

Symptoms:

CODE: DEFECT
DETAILS: Smoke loop class 2 fault.

Faults:

CODE: INITIAL TEST FAILURE
DETAILS: Initial test failure is attributed to measurement board defective.

CODE: DISASSEMBLY / INSPECTION FINDINGS
DETAILS: During disassembly and inspection of the unit the following anomalies were found:
Measurement board defective.

CODE: REPAIR
DETAILS: The following repair(s) will be performed:
Measurement board CP6150 will be replaced by CP6151.
Unit will be upgrade to P/N: PPA2101-00
Unit will be calibrated, repaired and tested as per
CMM 26-16-16 REV 9, DEC 01/21 specifications.

Corrective Actions:

CODE: REPAIRED
DETAILS: - Measurement Board Assembly P/N CP6150 is replaced by an INSPECTED/TESTED Measurement Board Assembly P/N CP6151
- Unit is calibrated
- Unit is upgraded to P/N: PPA2101-00
- Smoke Detector is Repaired and Tested as per CMM 26-16-16 REV.9 DEC 01/21

PN	Description	Reason	Qty Needed	Disposition

AJW TECHNIQUE

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

Tear Down/Inspection Report

Work Order: WO146990

Date Printed: 2023-10-19

Customer RO: R415851

Page: 2

CP6151

PC ASSY CEC6150 BOARD (REPL DE
REASON LEGEND

1

Consumable

- (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