



1. Approving Civil Aviation Authority/Country <b>Transport Canada</b>		2.		3. Form Tracking Number. <b>WO51109</b>	
4. Organization Name and Address. <b>AJW Technique Inc</b> 7055, rue Alexander Fleming Saint-Laurent QC H4S-2B7 Canada					
6. Item	7. Description:	8. Part Number:	9. Quantity:	10. Serial/Batch Number:	11. Status/Work:
1	VACUUM TOILET	14320-002-1	1.00	183	OVERHAULED
12. REMARKS OVERHAULED AS PER ATA 38-34-16 REV # 12 DATED MAR 02/12. FOR ADDITIONAL INFORMATION REFER TO TEAR DOWN / INSPECTION REPORT.					
<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					
13b. Signature:		13c. Approved Organization Number		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	
13d. Name (Typed or Printed):		13e. Date		14b. Signature:  14c. Approval Organization Number <b>33-12</b>	
14d. Name (Typed or Printed): Richard Fitzgerald		14e. Date (dd/mm/yyyy): 02/Aug/2017			
<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.					

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**To:**  
A J WALTER AVIATION LIMITED  
THE HEADQUARTERS  
MAYDWELL AVENUE  
SLINFOLD, WEST SUSSEX RH13 0AS  
UNITED KINGDOM

Phone #:

Code: AJW01

Descr: VACUUM TOILET

Fax #:

PN: 14320-002-1

Serial # : 183

Email:

Qty: 1

Mfg: ZODIAC AEROSPACE

TSN: N/A

TSO: N/A

TSR: N/A

CSN: N/A

CSO: N/A

CSR: N/A

P/N Out: 14320-002-1

Serial # out: 183

### Symptoms:

CODE: REASON FOR REMOVAL

DETAILS: DOESN'T WORK PROPERLY FOR OVERHAUL.

### Faults:

CODE: QUOTE

DETAILS: PRELIMINARY INSPECTION (VISUAL):

PART MISSING: NO  
DAMAGE FOUND (CID): YES  
HRS/CYCLE RECEIVED: NO

ADDITIONAL REQUIREMENT:

AD, SB, MOD, SIL NO  
ADD.CUST. REQUEST NO

WARRANTY REQUESTED? NO

TEST ARRIVAL:

INITIAL TEST FAIL? YES

REASON FOR REMOVAL CONFIRMED: YES

DISASSEMBLY/INSPECTION:

ANY ANOMALIES FOUND DURING DISASSEMBLY/INSPECTION NO

WORK TYPE: OVERHAUL

WORKSCOPE:

CALIBRATION NO





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CLEANING YES  
OUT OF SCOPE NO  
OVERHAUL YES  
PAINTING NO  
PCBR N/A  
REPAIR NO  
REWORK NO  
TIME CONTROLLED/TX NO  
RE-QUOTE: NO

CODE: CUSTOMER INDUCED DAMAGE

DETAILS: Description of damage found: found f.c.u short bracket and mounting plate bent.  
Possible cause of damage: mishandled.  
See attached picture(s) QTY: 2

CODE: FUNCTIONAL TEST

DETAILS: flush valve failed leakage tests slow to open and close.  
antisiphon valve leaking.  
rinse valve leaking.  
failed current draw test.  
failed manual shut-off valve test.

CODE: DISASSEMBLY & INSPECTION FINDINGS

DETAILS: teflon coating on bowl peeling to be repaired.  
rinse valve poppet and seal worn to be replaced.  
flush valve seals, positioning and actuating gears worn to be replaced.  
manual shut-off valve seals worn to be replaced.

CODE: OVERHAUL

DETAILS: Due to the condition of the unit and the extent of the work required an Overhaul will be performed. Unit to be fully disassembled and inspected. 100% consumable to be replaced.  
overhaul as per ata 38-34-16 rev # 12 dated mar 2/12.

### Corrective Actions:

CODE: OVERHAULED

DETAILS: OVERHAULED AS PER ATA 38-34-16 REV # 12 DATED MAR 02/12.  
F/M 091510.  
F.C.U. 481.  
R/V 961829.  
F/V 3641.

PN	Description	Reason	Qty Needed	CD	Disposition
14330-020T	ELBOW, BOWL	CO	1	INSP/TE	Consumable
14330-044-1	SEAL, GRAY	WO	1	NE	Consumable
14330-070	GEAR ASSY, PLATE POSITIONING	WO	1	NE	Consumable
14330-073	GEAR ASSY, SWITCH ACTUATING	WO	1	NE	Consumable
14330-086	SEAL, FACE	WO	2	NE	Consumable
14400-214	LABEL, TOILET IDENTIFICATION	NR	1	NE	Consumable
14400-353	BRACKET SHORT FCU	CID	1	INSP/TE	Consumable
14400-354	LABEL, AMENDMENT	NR	1	NE	Consumable



# technique

## Tear Down/Inspection Report

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

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14C02-8A	COUPLING	CO	2	INSP/TE	Consumable
15800-192	SCREEN RINSE VALVE	BR	1	NE	Consumable
15800-246	SEAL, SLIDE VALVE	WO	2	NE	Consumable
15800-333	SPACER, RINSE VALVE	WO	1	NE	Consumable
15800-356-2	BAND WEAR	WO	2	NE	Consumable
15800-357-2	POPPET	WO	1	NE	Consumable
15800-359-2	SEAT	WO	1	NE	Consumable
15800-359-3	RETAINER	CO	1	INSP/TE	Consumable
15800-359-8	O-RING	NR	1	NE	Consumable
15801-016	BUSHING	WO	1	NE	Consumable
15801-165-1	BOWL ASSEMBLY	WO	1	REP	Repair
2-010E515-80	O-RING	NR	2	NE	Consumable
2-012N602-70	O-RING	NR	2	NE	Consumable
2-015N602-70	O-RING	NR	4	NE	Consumable
2-018E515-80	O-RING	NR	1	NE	Consumable
2-021N602-70	O-RING	NR	1	NE	Consumable
2-032NM506-65	O RING	NR	1	NE	Consumable
2-135NM506-65	O RING	NR	3	NE	Consumable
2-161NM506-65	O-RING	NR	1	NE	Consumable
3-902N507-90	O-RING	NR	1	NE	Consumable
3-906E515-80	O-RING	NR	1	NE	Consumable
446121188	SEAL, POPPET VALVE	WO	1	NE	Consumable
446121189	VALVE, POPPET	WO	1	NE	Consumable
B46-2	BUSHING	WO	2	NE	Consumable
BP11	PLATE MOUNTING	CID	1	NE	Consumable
MS16624-4025	RING-RETAINING	NR	1	NE	Consumable
MS16624-4037	RING, EXTERNAL RETAINING	NR	1	NE	Consumable
MS21295-22	CAP SCREW	NR	3	NE	Consumable
MS24673-1	SCREW	NR	8	NE	Consumable
MS3367-7	STRAP, TIE DOWN	NR	1	NE	Consumable
OMT3-1001	WASHER SEAL	WO	4	NE	Consumable





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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: 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.
- (CM) 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"
- (MO) 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.
- (OS) 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.
- (OT)\* 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.
- (SI) 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
- \* NORMAL WEAR AND TEAR