



Cavalier

AVIATION LTD.

AIRCRAFT TECHNICAL RECORDS

Airframe Log

Installations & Modifications

Engine Log

Propeller Log

C-GWTP

Todd Donnelly

C-GWTP

AIRCRAFT TECHNICAL RECORD

Section 1. AIRFRAME LOG

Section 1: Airframe Log

DATE / /	AIR TIME				LANDINGS / CYCLES	
	DAILY TOTAL		TOTAL		DAILY TOTAL	TOTAL
CARRIED FORWARD	HRS	MIN	HOURS	MIN		
				2526.		
			2526.			

DETAILS OF TASK (INSPECTION, REPAIRS & REPLACEMENT)

TIMES BROUGHT FORWARD FROM U.S. LOGS

Canadian Avionics

Avionics Ltd.

#7, 160 MacLaurin Dr. Springbank Airport
Calgary, Alberta T3Z 3S4
AMO 58-89 Ph: 403 250-5665

Date: June 5, 2007
W.O. # A15140
A/C Registration C-GWTP
A/C S/N 177RG1044
-Avionics Maintenance Only-

1.) The following Avionics components were removed:

- ARC IN346A ADF Indicator (S/N 14099)
- ARC IN525B Nav Indicator (S/N 4401)
- ARC RT328T VHF Nav/Com (S/N 16626)
- ARC R546E ADF Receiver (S/N 19413)
- ARC RA02A MKR Receiver (S/N 5219)
- ARC PA295B Roll Servo (S/N 3654)
- ARC Filter (S/N 6809)
- ARC A109A L Band Ant (S/N 12303)
- TKM MX300 VHF Nav/Com (S/N 4194)
- NorthStar M1-A Loran Ant Coupler (S/N 2010)
- EGC 1394 Turn Coordinator (S/N 9008-120)
- Cessna COM Antenna (S/N N/A)
- Cessna NAV Antenna (S/N N/A)
- Cessna Sense Antenna (S/N N/A)
- Narco L Band Antenna (S/N N/A)

- ARC IN514B Nav Indicator (S/N 3954)
- ARC Audio Panel (S/N N/A)
- ARC RT359A Transponder (S/N 9900)
- ARC R443B G/S Receiver (S/N 7064)
- ARC CA395A A/P Control (S/N 2084)
- ARC L346A Loop Ant (S/N 17988)
- ARC Filter (S/N 6882)
- ACK A-30 Alt Enc (S/N 46456)
- Ant Specialists Loran Ant (S/N N/A)
- NorthStar M1 Loran Receiver (S/N 25011)
- RC Allen RCA110-4 DG (S/N 34859)
- Cessna Marker Beacon Ant (S/N N/A)
- Cessna Glideslope Antenna (S/N N/A)
- Comant CI121SP Loran Ant (S/N 9051)

2.) The following Avionics components were installed:

- Garmin GMA347 Audio Panel (S/N 47005027)
- Garmin GNS480 GPS/Nav/Com (S/N 25702081)
- Garmin GTX33 Transponder (S/N 84702197)
- Garmin GA55 XM Antenna (S/N)
- L3 WX500 Stormscope Processor (S/N 90809)
- Bendix/King KI525A H.S.I. (S/N 96377)
- Bendix/King KA51B Slaving ACC (S/N 38460)
- Bendix/King KR87 ADF Rec (S/N: 13106)
- Bendix/King KA44B (S/N: 37339)
- ASC-5A Altitude Alert Clock (S/N 090354)
- Comant CI121 Com Ant (S/N 140228)
- Comant CI102 MKR Ant (S/N 141098)
- A33 GPS Ant (S/N 39051)

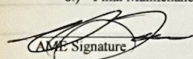
- Garmin GMDX200 MFD (S/N 38400438)
- Garmin SL30 VHF Nav/Com (S/N 25902583)
- Garmin GDL69A XM Receiver (S/N 47756133)
- Mid Continent MD200 Nav Ind (S/N C06-10935)
- L3 NY163 Stormscope Ant (S/N 91161)
- Bendix/King KG102A DG (S/N 53049)
- Bendix/King KMT112 Flux Valve (S/N 73470)
- Bendix/King KI-227 (S/N: 25168)
- Mini Circuits Nav Splitter (S/N N/A)
- Comant CI158C Nav Ant (S/N 157700)
- Comant CI121 Com Ant (S/N 140229)
- Comant CI105 L Band Ant (S/N 27446) Aero Ant

- S-TEC 01260-1-0-14 Turn Coordinator/Roll Computer (S/N 0632-5581D)
- S-TEC 0107-P5 Pitch Servo (S/N 0629-17122CDEFGJK)
- S-TEC 0105-R2 Roll Servo (S/N 0632-177CEFGJ)
- S-TEC 01261-3-14 Pitch Comp (S/N 06325489A)
- S-TEC 03975 GPSS Switch (S/N 069-4855)
- S-TEC 39188-7 Bridle Cable (S/N 062884)

- S-TEC 03976 GPSS Conv (S/N 0630-9164E/A)
- S-TEC 0111 Transducer (S/N 0624-36642AA)
- S-TEC 39189-24 Bridle Cable (S/N 06080821)

3.) S-TEC System 30 Automatic Flight Control System was installed in accordance with S-TEC Corporation STC Number SA09296AC-D. Garmin GNS480 WAAS GPS/NAV/COM was installed in accordance with Garmin STC/AML Number SA01229SE. Garmin GMDX200 MFD was installed in accordance with Garmin STC/AML Number SA01692SE. Garmin GTX33 Remote Mode S Transponder installed in accordance with Garmin STC/AML Number SA01473SE. Garmin GDL69A XM Datalink Receiver installed in accordance with Garmin STC/AML SA01487SE.

- 4.) Installation of antennas, servos, and associated mounting brackets was completed by Convair Aviation Inc. AMO# 101-94 under P.O. 9737 and inspected by Canadian Avionics & Instruments Ltd.
- 5.) Systems Ground Tested Serviceable. There is no indication of RFI or EMI found during normal operation.
- 6.) Aircraft Weight & Balance and Equipment List amended. Electrical load does not exceed 80% of alternator capacity as measured. All pertinent information on file.
- 7.) The maintenance described above has been performed in accordance with the applicable standards of airworthiness.
- 8.) Final Maintenance Release subject to satisfactory test flight.

AME Signature 

Stamp



NAME/
SIGNATURE

LICENCE:
AME or
AMO/ACA

[Signature] 17146539

Section 1: Airframe Log

Section 1: Airframe Log

DATE	AIR TIME				LANDINGS / CYCLES	
	DAILY TOTAL		TOTAL		DAILY TOTAL	TOTAL
	HRS	MIN	HOURS	MIN		
1 1						

DETAILS OF TASK (INSPECTION, REPAIRS & REPLACEMENT)

CARRIED FORWARD

<div style="font-size: 4em; opacity: 0.5;">X</div>							50. Stabilator actuator to be removed for lubrication. NOT COMPLETED.	
							51. Play in rudder trim to be investigated. NOT COMPLETED.	
							52. Clevis pin in rudder trim system at nose gear well to be replaced. NOT COMPLETED.	
							53. Battery electrolyte specific gravity low, requires replacing. NOT COMPLETED.	
							54. Air box alt air hinge to be replaced. NOT COMPLETED.	
							55. Vacuum relief valve filter to be replaced. NOT COMPLETED.	
							56. RH door side pillar fuel supply line abraded through abrasion protection; to be isolated from lightning hole. NOT COMPLETED.	
							57. Servo to air box gasket requires replacing. NOT COMPLETED.	
							58. Fuel leakage found at connection LH side floors fwd of main gear support web to be investigated. NOT COMPLETED.	
							59. Heater air duct obstructed by insulation, visible through cold air inlet on fuselage. NOT COMPLETED.	
							60. Fuel selector valve leaked at defueling, seats require replacing. NOT COMPLETED.	
							61. Vacuum line to pump in engine compartment requires replacing. NOT COMPLETED.	
							62. Propeller has small nicks and scratches; to be refinished. NOT COMPLETED.	
							63. Engine compartment wiring in poor condition, requires repair/replacement. NOT COMPLETED.	
							64. NLG position wiring U/S. NOT COMPLETED.	
							65. Unapproved extension added to oil line from vernatherm outlet on engine, to be removed and replaced with angle fitting. NOT COMPLETED.	
							66. Stabilator attach bolts and bell crank hardware to be replaced. NOT COMPLETED.	
							67. Stabilator tab link rod found corroded on fwd end. NOT COMPLETED.	
							68. LH aileron OB end bonding strap broken, requires replacing. NOT COMPLETED.	
							69. LH wing inspection panel has cracks propagating from all fastener holes, replacement required. NOT COMPLETED.	
							70. RH wing tie down hook has loose clevis pin, replacement required. NOT COMPLETED.	

NAME / SIGNATURE

LICENCE: AME or AMO/ACA

"The described maintenance has been performed in accordance with the applicable airworthiness requirements."
 AME: C. MacKenzie Signature: _____ License #: _____ Date: JUN 25 2008



PAGE TOTALS

CARRY FORWARD to Top of Next Page

Section 1: Airframe Log

DATE	AIR TIME				LANDINGS / CYCLES	
	DAILY TOTAL		TOTAL		DAILY TOTAL	TOTAL
	HRS	MIN	HOURS	MIN		
1 / 1			2535	7		
CARRIED FORWARD						
Feb 2/12	10		2536	7		

DETAILS OF TASK (INSPECTION, REPAIRS & REPLACEMENT)

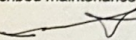

APR 11/12 20 3 2557 0

July 4/12 13 5 2570 5

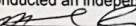

30 Aug 12 21 0 2591 5

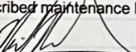

PAGE TOTALS CARRY FORWARD to Top of Next Page

Cavalier AVIATION LTD. C-GWTP SN: 177RG1044 DATE: Feb 2, 2012 TAT: 2536.7
 Ph. 403-288-5160
 Lower spark plugs removed and found to be fouled, spark plugs serviced and reinstalled. Overhauled alternator P/N# DOFF10300JR, S/N# H-L040831 and new regulator P/N# DGR6, S/N# 80G78247 installed. Magneto PN 10-682555-1 SN G01HA101 removed and sent for repair to Stauffer Aero PO 46604. Repaired unit reinstalled, timing adjusted to 25 degrees BTC, and ground runs completed and checked serviceable. Autopilot pitch servo bridle cable tensions checked serviceable. Autopilot ALT hold sense lines and ports checked for connections and security, checked serviceable. Autopilot's ALT hold sense connector found to be loose, connector reattached and system function checked serviceable. Flux valve access panel in RH wing found to have magnetic hardware. Hardware replaced with non-magnetic hardware. Flux valve adjusted and checked serviceable. Battery serviced as required and checked serviceable. Ground runs completed and function checked serviceable.

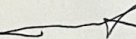

Reference Cavalier WO # 12-015
 The described maintenance has been performed in accordance with the applicable airworthiness requirements.
 Signed:  Name: Jason Palset License: 

Cavalier AVIATION LTD. C-GWTP SN: 177RG1044 DATE: 11 April 2012 TAT: 2557
 Ph. 403-288-5160
 Oil and filter change carried out. Oil filter replaced with new CH48103-1 and engine serviced with 7 liters 20W50M oil. Cotter pin replaced on pilot side R/H rudder pedal and checked serviceable. Aircraft ground run and leak checked serviceable.

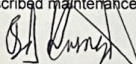

I have conducted an independent control check for the affected flight control.
 Signed:  Name: Matt Reardon License: 

Reference Cavalier WO # 12-193
 The described maintenance has been performed in accordance with the applicable airworthiness requirements.
 Signed:  Name: Neil Hvenegaard License: 

Cavalier AVIATION LTD. C-GWTP SN: 177RG1044 DATE: July 4, 2012 TAT: 2570.5
 Ph. 403-288-5160
 Installed new voltage regulator P/N#DGR6, S/N#80G72225, function checked serviceable. Installed new Whelen LED landing light P/N# 01-0771424-15 and taxi light P/N# 01-0771424-10, function checked serviceable.

Reference Cavalier WO# 12-384
 The described maintenance has been performed in accordance with the applicable airworthiness requirements.
 Signed:  Name: Jason Palset License: 

Cavalier AVIATION LTD. C-GWTP SN: 177RG1044 DATE: Aug 30/2012 TAT: 2591.5
 Ph. 403-288-5160
 Oil and Filter Changed, oil drained and filter removed. New Filter P/N CH48103-1 B/N 1300 installed torque and safetied. 8 liters Phillips 20W-50 oil replenished. Engine ground run, leak checked serviceable.

Reference Cavalier WO# 12-524
 The described maintenance has been performed in accordance with the applicable airworthiness requirements.
 Signed:  Name: Brad Hvenegaard License: 

Section 1: Airframe Log

DATE / /	AIR TIME				LANDINGS / CYCLES	
	DAILY TOTAL		TOTAL		DAILY TOTAL	TOTAL
	HRS	MIN	HOURS	MIN		
21 Dec /12	2	0	259	5		
	10	6	2602	1		

DETAILS OF TASK (INSPECTION, REPAIRS & REPLACEMENT)

20 March /13 0 8 2602 9

3 May 2013 2 0 2604 9

PAGE TOTALS ▶ 2604 9

CARRY FORWARD to Top of Next Page ▶

Cavalier
AVIATION LTD.
Ph. 403-288-5160

C-GWTP

TAT: 2602.1

DATE: 12/21/12

NAME/
SIGNATURE

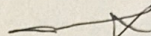
LICENCE
NAME or
AMO/ACA

- ANNUAL INSPECTION C/W IAW CAR'S 625 APP. "B". GROUND RUN AND CHECKED SERVICEABLE.
- IDLE AND MIXTURE ADJUSTED. GROUND RUN AND CHECKED SERVICEABLE.
- ELT RECERTIFICATION C/W BY NORTHERN AVIONICS WO# 4065. REINSTALLED AND FUNCTION CHECKED SERVICEABLE. BATTERY DUE MARCH 2014.
- COMPASS SWING C/W. NEW COMPASS CARD INSERTED IN AIRCRAFT. CHECKED SERVICEABLE.
- TACHOMETER ACCURACY CHECK C/W. FOUND SERVICEABLE.
- FIRST AID KIT INSPECTION C/W. FOUND SERVICEABLE.
- FIRE EXTINGUISHER INSPECTED AND WEIGHED. CHECKED SERVICEABLE.
- AD2012-19-01 (CRANKSHAFTS) N/A DUE TO SB569 BEING C/W.
- AD2012-03-06 (FUEL SERVO) N/A DUE TO PART NOT INSTALLED.
- AD2011-26-04 (FUEL INJECTOR LINES) C/W. FOUND SERVICEABLE.
- AD2011-10-09 (SEAT RAILS) C/W. FOUND SERVICEABLE.
- AD CF90-03R2 (HEAT MUFF) C/W. FOUND SERVICEABLE.
- TRANSPONDER IDENT BUTTON ON YOKE REPAIRED. FUNCTION CHECKED SERVICEABLE.
- RIGHT PTT SWITCH REPAIRED. FUNCTION CHECKED SERVICEABLE.
- SK210-174B INSTALLED IAW SERVICE KIT INSTRUCTIONS. CHECKED SERVICEABLE.
- WEIGHT AND BALANCE AMENDED. NEW WEIGHT- 1833.3 LBS. ARM- 106.25 IN. MOMENT- 194794.2 IN-LBS. COMM 1 INOPERATIVE.

Reference Cavalier WO# 12-708 & 12-725

The described maintenance has been performed in accordance with the applicable airworthiness requirements.

Signed:



Name: Jason Palset

License:



Cavalier
AVIATION LTD.
Ph. 403-288-5160

C-GWTP

SN: 177RG1044

DATE: Mar 20, 2013

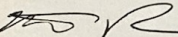
TAT: 2602.9

- > GNS480 S/N#25702081 removed and repaired by Garmin on WO#663650. Unit reinstalled and function checked serviceable.

Reference Cavalier WO# 13-060

The described maintenance has been performed in accordance with the applicable airworthiness requirements.

Signed:



Name: Matt Reardon

License:



Cavalier
AVIATION LTD.
Ph. 403-288-5160

C-GWTP

SN: 177RG1044

DATE: May 3, 2013

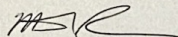
TAT: 2604.9

- > Removed battery S/N#G02536994 and installed new battery S/N#G02737221.

Reference Cavalier WO# 13-161

The described maintenance has been performed in accordance with the applicable airworthiness requirements.

Signed:



Name: Matt Reardon

License:



Section 1: Airframe Log

DATE	AIR TIME				LANDINGS / CYCLES	
	DAILY TOTAL		TOTAL		DAILY TOTAL	TOTAL
	HRS	M/IN	HOURS	MIN		
Dec 19/13	1	7	2646	3		
			2648	0		
Dec 23/13	0	0	2648	0		

DETAILS OF TASK (INSPECTION, REPAIRS & REPLACEMENT)

A/C Reg: C-GWTP

Date: Dec 19, 2013

Installed

The described work performed in accordance with applicable technical data.

Cavalier
AVIATION LTD.

Ph. 403-288-5160

- > Annual Inspection
- > Oil and filter change
- > Compressions
- > Mag timing check
- > Spark plugs set
- > 1 spark plug replaced
- > 2 cowl mounts
- > Induction filter
- > AD CF90-03R
- > Alternator mount
- > Alternator S/N
- > Voltage regulator
- > Alternator wiring
- > Nose wheel bearing
- > RH main tire replaced
- > Instrument and panel
- > Overvoltage switch
- > Compass switch
- > Fire ext inspection
- > First Aid kit inspection
- > Tach accuracy
- > AD2011-10-09
- > 24 month alternator checked service
- > Pitot and static
- > ACK E-01 ELT
- > Installed new
- > May 3, 2013, F. J. 0023 Rev. F, J
- > W&B/Equipment
- > useful load inspection
- > Ground runs

Reference Cavalier W...
The described maintenance

Signed: *[Signature]*

PAGE TOTALS

CARRY FORWARD to Top of Next Page

NAME/
SIGNATURE

LICENCE:
AME or
AMO/JACA

Northern Avionics Inc.

Transport Canada		AUTHORIZED RELEASE CERTIFICATE FORM ONE		3. Form Tracking No.	
4. Organization Name and Address		Northern Avionics Inc. 2168 Avro Lane, Springbank Airport Calgary, AB T3Z 3S5		4871	
6. Item Description		8. Part No.		10. Serial Batch No.	
1. ELT		E-01		9735	
12. Remarks		Batteries due March 2014		11. Status Work	
13. Certifies that the items identified above were manufactured in conformity to:		14a. <input checked="" type="checkbox"/> CAR 571.10 Maintenance Release		14b. Approved Organization Number	
<input type="checkbox"/> approved design data and are in conditions for safe operation <input type="checkbox"/> non approved design data specified in block 12		<input type="checkbox"/> Other regulations specified in block 12 Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 13 was performed in accordance with the Canadian Aviation Regulations specified below		AMC 68-03	
13a. Signature		13b. Approved Organization Number		14c. Date (dd/mm/yyyy)	
13c. Name		13d. Date (dd/mm/yyyy)		14d. Name	
				A. Row	
				19/Dec/2013	
This certificate does not constitute authority to install. 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 block 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.					

APPROVAL CERTIFICATE NUMBER

NUMBER 1HZR769B APPROVED FOR EXPORT

THE LINES IDENTIFIED AS MOD/NO & ORIG. MFG.

19. 14 CFR 43.9 Return to Service Other regulation specified in Block 13

Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.

20. Authorized Signature:

[Signature]

22. Name (Typed or Printed):
STACY TOLLIVER

21. Approval/Certificate No:

1HZR769B

23. Date (m/d/y):

JUL 16 2013

Installer Responsibilities

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 block 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.

Reference Cavalier W...
The described maintenance

Signed: *[Signature]*

with applicable technical data.

NSN: 0052-00-012-9005

HETCODE: 00315

- Annual Inspection completed IAW CAR 625 App "B", Part I.
- Oil and filter changed, new filter installed and engine serviced with 20W50.
- Compressions checked: #1-76/80, #2-77/80, #3-78/80, #4-74/80.
- Mag timing checked serviceable.
- Spark plugs serviced and reinstalled with new gaskets.
- 1 spark plug replaced with new.
- 2 cowl mounts replaced with new.
- Induction filter replaced with new.
- AD CF90-03R2 C/W- heat muff inspected and checked serviceable.
- Alternator mounting bracket replaced with new.
- Alternator S/N#H-L040831 removed and replaced with new S/N#H-N070223.
- Voltage regulator S/N#80G72225 removed and installed new S/N#80K90416.
- Alternator wiring repaired as required and checked serviceable.
- Nose wheel bearings and races replaced with new.
- RH main tire replaced with new.
- Instrument and vacuum relief filters replaced with new.
- Overvoltage sensor replaced with new S/N#80G28719.
- Compass swing completed and checked serviceable. Correction card affixed to instrument panel.
- Fire ext inspected and weighed, checked serviceable.
- First Aid kit inspected and contents verified, checked serviceable.
- Tach accuracy checked serviceable.
- AD2011-10-09 C/W- seat rails and rollers inspected and checked serviceable.
- 24 month altimetry device recert and transponder correlation completed IAW CAR 571 App "B" & "F", checked serviceable.
- Pitot and static systems leak checked serviceable IAW CAR 571 App "B".
- ACK E-01 ELT S/N#059157 removed.
- Installed new ARTEX ME406 ELT S/N#197-15954 IAW ARTEX installation manual #570-1600 Rev. M, May 3, 2013. Remote switch, module interface and buzzer installed IAW ARTEX installation manual #570-0023 Rev. F, July 12, 2010. ELT function checked serviceable. Battery due Oct 2020.
- W&B/Equipment List Amendment completed. **New empty weight is 1832.2lbs, CofG is 106.2inches, and useful load is 967.8lbs.**
- Ground runs completed and checked serviceable.

Reference Cavalier WO# 13-522

The described maintenance has been performed in accordance with the applicable airworthiness requirements.




Signed:

Name: Matt Reardon

License:



6. Item:	7.
1	AI
13. Remarks:	
THE CON OVR	
14. Certifies the	
<input type="checkbox"/>	App
<input type="checkbox"/>	Non-
15. Authorized S	
17. Name (Typed)	
It is im	
Where Block specif	
State the n	
FAA Form	

1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE Form One				3. Form Tracking Number: INV18011	
4. Organizations Name and Address:  Okanagan Aero Engine (1999) Ltd. #1 - 5550 Aerospace Drive Kelowna, B. C. V1V 1S1				AMO 94-99		5. Work Order/Contract/Invoice 24221	
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial/Batch Number:	11. Status/Work:		
1	Bendix Magneto	10-682555-11	1	G01HA101	Inspect/Tested		
12. Remarks:							
13a. Certifies that 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. <input checked="" type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulations specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12, has been performed in compliance with the <i>Canadian Aviation Regulations</i> .			
13b. Signature		13c. Approval Organization Number		14b. Signature  		14c. Approved Organization Number AMO 94-99	
13d. Name		13e. Date (dd/mmm/yyyy):		14d. Name John Deliyannides		14e. Date (dd/mmm/yyyy): 03/Jul/2015	
30 Dec 2008(Previously form 24-0078)							
Installer Responsibilities							
This certificate does not constitute authority to install. Installers working in accordance with the national regulations of a country other than the authority specified in Block 1, must ensure that their regulations recognize certifications from the country specified. Statements 13a or 14a do not constitute installation certification. In all cases, the aircraft technical record must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.							

Section 1: Airframe Log

DATE	AIR TIME				LANDINGS / CYCLES	
	DAILY TOTAL		TOTAL		DAILY TOTAL	TOTAL
	HRS	MIN	HOURS	MIN		
March 9/16	30	5	2728	2		

DETAILS OF TASK (INSPECTION, REPAIRS & REPLACEMENT)

Cavalier

C-GWTP

S/N: 177RG1044

DATE: March 9, 2016

TAT: 2758.7

Ph: 403-288-5160

- > Annual Inspection completed IAW CAR 625 Part 1 App "B" and checked serviceable.
- > Oil and filter changed, new filter installed and engine serviced with 20W50.
- > ELT SN 197-15954 removed and routed to Northern Avionics for recert on WO# 6405 Original ELT reinstalled and function checked serviceable. Battery due Oct, 2020.
- > Compass swing carried out and checked serviceable. Compass correction card affixed to dash.
- > First aid kit inspected and checked serviceable.
- > Fire extinguisher inspected visually and by weight and checked serviceable.
- > L/H control yoke bracket replaced with new and checked serviceable.
- > R/H wing weather stripping adjusted as required, glued in place and checked serviceable.
- > R/H inside door trim adjusted as required and checked serviceable.
- > Hot air hoses and under dash wiring inspected for excessive heat. No defect found and checked serviceable.
- > Exhaust inspected IAW AD CF-90-03R2. L/H heat muff sent to Acorn welding for repair on S/O: 44092 reinstalled on aircraft and checked serviceable.
- > Seat rails and rollers inspected IAW AD 2011-10-09 and checked serviceable.
- > Fuel lines and clamps inspected IAW AD 2015-19-07 and checked serviceable.
- > Nose wheel bearing cones and races replaced with new and checked serviceable.
- > Fuel pump vent line replaced with new and checked serviceable.
- > Baggage door seal re-secured as required and checked serviceable.
- > L/H door stop hardware tightened as required and checked serviceable.
- > L/H fuel cap adjusted as required and checked serviceable.
- > R/H brake master cylinder resealed as required, brake bleeding carried out and checked serviceable.
- > L/H FWD aileron rod end replaced with new inspected for safety and direction of travels and checked serviceable.
- > R/H cowl flap hinge half replaced with new and checked serviceable.
- > L/H and R/H NLG FWD door hinges replaced with new and checked serviceable.
- > Tach accuracy check carried out and checked serviceable.

COMMISS HOLDER REPALED AND CHICARD SERVICEABLE

Independent control check completed for the affected flight controls.

Signed: 

Name: Mike Craigmile

License:



Reference Cavalier WO# 16-069

The described maintenance has been performed in accordance with the applicable airworthiness requirements.

Signed: 

Name: Brad Hvenegaard

License:



A/C Reg: C-GWTP

Date: March 15, 2016

- Avionics Maintenance Only -


Northern Avionics Inc.

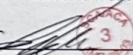
AMO 68-03

- Removed Altimeter 5934P-1, s/n: H0329 and Encoder SSD120-30A, s/n: SRA-11800.
- Re-certified Altimeter in accordance with CAR 571, appendix B, paras. (b thru c) up to 20,000 Ft. Re-certified Encoder and performed integration test in accordance with CAR 571, appendix F, para. (k) up to 20,000 FT. Equipment was tested on **March 11, 2016**
- Reinstalled Altimeter and Encoder with the same serial numbers. Performance tested Transponder GTX 33, p/n: 011-00779-00 s/n: 84702197 for modes A, C and S in accordance with CAR 571, appendix F. Performed pitot /static leak test in accordance with CAR 571, appendix B, para. (a). Performed Transponder interrogation test in accordance with CAR 571, appendix F, para. (k).

Reference WO: 6481

The described maintenance has been performed in accordance with applicable airworthiness requirements.

Signature/Stamp: 



PAGE TOTALS

CARRY FORWARD to Top of Next Page

Section 1: Airframe Log

DATE	AIR TIME				LANDINGS / CYCLES	
	DAILY TOTAL		TOTAL		DAILY TOTAL	TOTAL
	HRS	MIN	HOURS	MIN		

CARRIED FORWARD

Mar 28/2017	38	5	2797	2		
-------------	----	---	------	---	--	--

Mar 29/2017	38	5	2797	2		
-------------	----	---	------	---	--	--

31 Mar 2017	58	5	2855	7		
-------------	----	---	------	---	--	--

PAGE TOTALS

DETAILS OF TASK (INSPECTION, REPAIRS & REPLACEMENT)

CARRY FORWARD to Top of Next Page

A/C Reg: C-GWTP - Avionics Maintenance Only - Northern Avionics Inc.
 Date: March 23, 2017 - AMO 68-03
 HSI heading calibration carried out in accordance with KCS55/55A Installation Manual.
 S-Tec 30 Autopilot Nav/Heading centering was adjusted in accordance with S-Tec Flight Line Maintenance Manual.
 Reference WO: 7317
 The described maintenance has been performed in accordance with applicable airworthiness requirements.
 Signature/Stamp:

Cavalier AVIATION LTD. C-GWTP S/N: 177RG1044 DATE: 29 March 2017 TAT: 2797.2
 Ph: 403-288-5160
 > Annual Inspection completed IAW CAR 625 Part 1 App "B" and checked serviceable.
 > Oil and filter changed - serviced with Phillips 20W50. Oil sample sent for analysis. Checked serviceable.
 > ELT S/N 197-15954 routed to Northern Avionics for recert on W/O#7315. Original inspected ELT reinstalled and function checked serviceable. Battery due October 2020.
 > Compass swing carried out. Correction card affixed to instrument panel and checked serviceable.
 > Tach check carried out and checked serviceable.
 > First aid kit replaced. New expiry date 20-09-2020 and checked serviceable.
 > Fire extinguisher inspected and checked serviceable.
 > Heat muff inspected IAW CF90-03R2 and checked serviceable.
 > Seat rails and rollers inspected IAW AD 2011-10-09 and checked serviceable.
 > Fuel injector lines and clamps inspected IAW AD 2015-19-07 and checked serviceable.
 > Scat hose adjusted for clearance at LH heat muff and checked serviceable.
 > Vacuum regulator air filter replaced.
 > Engine bracket secured to LH heat muff and checked serviceable.
 > Throttle cable replaced and dual checked serviceable for assembly, safety, and operation.
 > Ground runs carried out and checked serviceable.
 Independent control check completed for the affected powerplant controls.
 Signed: Name: Michael Cummings License:
 Reference Cavalier WO# 17-134
 The described maintenance has been performed in accordance with the applicable airworthiness requirements.
 Signed: Name: Ed Chamberlain License:

Cavalier AVIATION LTD. C-GWTP S/N: 177RG1044 DATE: 3 Nov 2017 TAT: 2855.7
 Ph: 403-288-5160
 > Oil and filter replaced. Oil serviced with Phillips 20W50. Leak checked serviceable.
 > RH brake "rattling" defect could not be duplicated and no action taken at this time.
 > Nose wheel tube replaced. Inflated to rated pressure and checked serviceable.
 > Original wingtips reinstalled and nav lights function checked serviceable.
 > Engine cowling exhaust fairing re-installed.
 > Ground runs carried out and checked serviceable.
 Reference Cavalier WO# 17-527
 The described maintenance has been performed in accordance with the applicable airworthiness requirements.
 Signed: Name: Ed Chamberlain License:

Section 1: Airframe Log

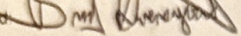

DATE	AIR TIME				LANDINGS / CYCLES	
	DAILY TOTAL		TOTAL		DAILY TOTAL	TOTAL
	HRS	MIN	HOURS	MIN		
1 / 1	58	5	2855	7		
CARRIED FORWARD	58	5	2855	7		
JAN 31 18	63		2862	0		

DETAILS OF TASK (INSPECTION, REPAIRS & REPLACEMENTS)

Cavalier AVIATION LTD. C-GWTP S/N: 177RG1044 DATE: Jan 31/2018 TAT: 2852.0
Ph: 403-288-5160

- Landing gear will not lock up and motor runs, fault confirmed. Hydraulic power pack fluid replenished and gear swings both normal and emergency conducted, no fault found. Gear systems functioned normally thru 5 fault free swings, function / leak checked serviceable.
- R/H strobe flash tube replaced with new, function checked serviceable.
- L/H strobe sealant replaced with new, checked serviceable.

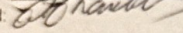

Reference Cavalier WO# 18-070
The described maintenance has been performed in accordance with the applicable airworthiness requirements.

Signed:  Name: Brad Hvenegaard License: 

Cavalier AVIATION LTD. C-GWTP S/N: 177RG1044 DATE: 6 April 2018 TAT: 2878.8
Ph: 403-288-5160

- Annual inspection IAW CARs 625 Appendix B. Ground run leak checked serviceable.
- Oil and filter change completed. Serviced with Phillips 20W50. SOAP sample taken. Leak checked serviceable.
- ELT SN 197-15954 removed and routed to Northern Avionics for recert on WO 8022. Original inspected ELT reinstalled and function checked serviceable. Battery due date October 2020.
- Compass swing and tach accuracy check carried out. Compass correction card affixed to instrument panel. Checked serviceable.
- First aid kit inspected and checked serviceable.
- Fire extinguisher inspected and checked serviceable.
- Copilot door trim reattached and checked serviceable.
- Heat muff inspected IAW AD CF90-03R2 and checked serviceable.
- Seat rails and rollers inspected IAW AD 2011-10-09 and checked serviceable.
- Seven (7) spark plugs replaced and function checked serviceable.
- Fuel lines and clamps inspected IAW AD 2015-19-07 and checked serviceable.
- Pilot door placard replaced with proper placard and checked serviceable.
- RH MLG tire and tube replaced. Bearings cleaned, inspected, and repacked. Tire filled to rated pressure, axle inspection carried out at this time and checked serviceable.
- Ground runs carried out and leak checked serviceable.

Reference Cavalier WO# 18-191
The described maintenance has been performed in accordance with the applicable airworthiness requirements.

Signed:  Name: Ed Chamberlain License: 

10 Apr 18	14	8	2876	8		
11 Oct 18	51	00	2927	8		
PAGE TOTALS						

CARRY FORWARD to Top of Next Page

A/C Reg: C-GWTP
Date: April 3, 2018

- Avionics Maintenance Only -

Northern Avionics Inc.
A 985 68-03

- Removed Altimeter 5634P-1, s/n: 48329 and Encoder SSD120-00A, s/n: SR-6-1180.
- Re-certified Altimeter in accordance with CAR 571, appendix B, para. (b) thru (c) up to 20,000 FT. Re-certified Encoder and performed integration test in accordance with CAR 571, appendix F, para. (k) up to 20,000 FT.
- Equipment was tested on April 2, 2018.
- Reinstalled Altimeter and Encoder with the same serial numbers. Performed pitot / static leak test and Transponder interrogation test in accordance with CAR 571, appendix B, para. (a) and CAR 571, appendix F, para. (k).
- Performance tested Transponder GTX-33, p/n: 011-00779-00, s/n: 84702197 including mode S in accordance with CAR 571, appendix F, para. (a) thru (d).

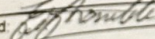

The described maintenance has been performed in accordance with applicable airworthiness requirements.

Reference WO: 9079
Signature/Stamp: 

Cavalier AVIATION LTD. C-GWTP S/N: 177RG1044 DATE: 11 October 2018 TAT: 2927.8
Ph: 403-288-5160

- Oil and filter changed. Oil sample retained for analysis. Serviced with Phillips 20W50. Ground run leak checked serviceable.
- Troubleshooting for 'gear up' indication carried out. Amber light did not 'press to test'. Bulb replaced. 'Press to test' functioned serviceable. Fault Confirmed and checked serviceable.

Reference Cavalier WO# 18-505
The described maintenance has been performed in accordance with the applicable airworthiness requirements.

Signed:  Name: Ed Chamberlain License: 

Section 1: Airframe Log

DATE	AIR TIME				LANDINGS / CYCLES	
	DAILY TOTAL		TOTAL		DAILY TOTAL	TOTAL
	HRS	MIN	HOURS	MIN		
1 / 1	5	0	29	27	8	
Nov 29 / 18	3	6	29	36	4	

DETAILS OF TASK (INSPECTION, REPAIRS & REPLACEMENT)

NAME/
SIGNATURE

LICENCE:
AME or
AMO/ACA

S/N: 177RG1044 DATE: 19 November 2018 TAT: 2936.4

Cavalier
AVIATION LTD.
Ph. 403-288-5160

C-GWTP

- Reference Cavalier WO# 18-605 524 (B)
The described maintenance has been performed in accordance with the applicable airworthiness requirements
- > Gear warning horn troubleshooting confirmed no fault with system - checked serviceable
 - > Landing gear selector valve PN 9881000-2 S/N 458 removed PN S/N 705 on. Five fault free cycles completed. Function/leak checked serviceable
 - > Nose wheel bearings and races replaced and bearings packed and reinstalled. Axle inspection completed
 - > Checked serviceable
 - > R/H door stay reconnected and function checked serviceable
 - > Fuel drain handle reassembled and function checked serviceable
 - > Pilot secondary seat stop cable adjusted. Reel inspected and adjusted. Reinstalled and rigged. Function checked serviceable

Name: Brad Hvenegaard

License:



17 Jan 2019	13	5	29	50	2	
-------------	----	---	----	----	---	--

23 Jan 2019	17	29	51	9		
-------------	----	----	----	---	--	--

PAGE TOTALS

CARRY FORWARD to Top of Next Page

Cavalier
AVIATION LTD.

C-GWTP

S/N: 177RG1044 DATE: 17 Jan 2019

TAT: 2950.2

Ph. 403-288-5160

- > Main Gear systems inspected and rigging checked with gear swings. Main gear actuator rod end adjusted. 5 fault free swings completed and checked serviceable.
- > Cracked Engine Cylinder #4 exhaust riser replaced with repaired unit. Checked serviceable.
- > Damaged LH Heat Muff Air Duct replaced with new and checked serviceable.

Reference Cavalier WO# 19-015

The described maintenance has been performed in accordance with the applicable airworthiness requirements.

Signed: M. Cummings

Name: Michael Cummings

License:



Cavalier
AVIATION LTD.

C-GWTP

S/N: 177RG1044 DATE: 28 Jan 2019

TAT: 2951.9

Ph. 403-288-5160

- > LH interior cabin door handle replaced with new. Door latch rigging checked serviceable.

Reference Cavalier WO# 19-050

The described maintenance has been performed in accordance with the applicable airworthiness requirements.

Signed: M. Cummings

Name: Michael Cummings

License:



Section 1: Airframe Log

DATE	AIR TIME				LANDINGS / CYCLES	
	DAILY TOTAL		TOTAL		DAILY TOTAL	TOTAL
	HRS	MIN	HOURS	MIN		
17 Apr 19	6	5	2958	4		
17 May 2019	12	7	2971	1		

DETAILS OF TASK (INSPECTION, REPAIRS & REPLACEMENT)


Cavalier
AVIATION LTD.
Ph. 403-288-5160

FOR N 030
STEER 356 26

- > Annual inspection
- > Oil and filter change
- > ELT SN 197-15 and function check
- > Compass Swivel
- > Tachometer Accuracy
- > Checked service
- > First aid kit inspection
- > Fire extinguisher
- > AD research completed
- > Heat muff inspected IAW AD CF90-03R2 Part 1 and checked serviceable.
- > Seat rails and rollers inspected IAW AD 2011-10-09 par (g) and checked serviceable.
- > Fuel lines and clamps inspected IAW AD 2015-19-07 par (1)(e)(ii) and checked serviceable.
- > Shoulder strap holder repaired. Checked serviceable.
- > 9 volt battery replaced for eyebrow lights backup. Checked serviceable.
- > Post inspection ground runs carried out and leak checked serviceable.

Reference Cavalier WO# 19-223

The described maintenance has been performed in accordance with the applicable airworthiness requirements.

Signed: *[Signature]* Name: Ed Chamberlain License: 


Cavalier
AVIATION LTD.
Ph. 403-288-5160

C-GWTP S/N: 177RG1044 DATE: 6 May 2019 TAT: 2958.4

- > Cylinder #4 push rod tube seals replaced. Ground run leak checked serviceable
- > Cylinders #2 and 4 - clamps replaced securing fuel injection lines to push-rod tubes. Checked serviceable
- > All (4) brake linings replaced and checked serviceable
- > Backup lighting troubleshooting carried out and wiring re-soldered at pedestal switch. Function checked serviceable

Reference Cavalier WO# 19-264

The described maintenance has been performed in accordance with the applicable airworthiness requirements.

Signed: *[Signature]* Name: Ed Chamberlain License: 


Cavalier
AVIATION LTD.
Ph. 403-288-5160

C-GWTP S/N: 177RG1044 DATE: July 17, 2019 TAT: 2971.1

- > Pilot reports brakes making grinding noises. Found that new brake pads had been installed and that the pads have not worn in completely causing the grinding noise. This is normal until the brakes seat. Ground checked serviceable.

Reference Cavalier WO# 19-373

The described maintenance has been performed in accordance with the applicable airworthiness requirements.

Signed: *[Signature]* Name: Mark Carey License: 

Transport Canada AUTHORIZED RELEASE CERTIFICATE
FORM ONE

1. Form Tracking No. 8859

2. Organization Name and Address: Northern Avionics Inc, 2168 Avro Lane, Springbank Airport, Calgary, AB T3Z 3S5

3. Work Order/Contract/Invoice No. 8859

4. Item Description: ELT Part No. 453-6603 Serial Batch No. 197-15954

11. Status: Work Inspected/ Tested

12. Remarks: ELT tested and recertified in accordance with CAR 571 appendix G. Battery due October 2020.

13a. Certifies that the items identified above were manufactured in conformity with:
 CAR 571.10 Maintenance Release
 Other regulations specified in block 12

13b. Certifies that unless otherwise specified in block 12, the work identified in blocks 11 and described in block 12 was performed in accordance with the Canadian Aviation Regulations indicated below.

14a. Signature: *[Signature]* 14b. Approved Organization Number: AMO 68-03
 14c. Name: H. Schnellenföhl 14d. Date (dd/mm/yyyy): 17/Apr/2019

Installer Responsibilities

This certificate does not constitute authority to install. 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.

1124

Section 1: Airframe Log

DATE	AIR TIME				LANDINGS / CYCLES	
	DAILY TOTAL		TOTAL		DAILY TOTAL	TOTAL
	HRS	MIN	HOURS	MIN		
1 1			2	97	1	
	19	6	2990	7		
CARRIED FORWARD						
CARRY FORWARD to Top of Next Page						

DETAILS OF TASK (INSPECTION, REPAIRS & REPLACEMENT)

NAME / SIGNATURE

Cavalier
AVIATION LTD

Ph 403-288-5160

LH and RH Wing Tip Nav lights replaced with new. Function checked serviceable.

C-GWTP

S/N: 177RG1044

DATE: 5 Sept 2019

TAT: 2990.7

Reference Cavalier WO# 19-455

The described maintenance has been performed in accordance with the applicable airworthiness requirements.

Signed: M. Cummings

Name: Michael Cummings

License:



A/C Reg: C-GWTP

Date: April 21, 2020

- Avionics Maintenance Only -

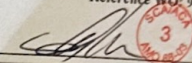
Northern Avionics Inc.
AMO 68-03

- Removed Altimeter 5934P-1, s/n: H0329 and Encoder SSD120-30A, s/n: SRA-1180.
- Re-certified Altimeter in accordance with CAR 571, appendix B, paras. (b thru c) up to 20,000 FT. Re-certified Encoder and performed integration test in accordance with CAR 571, appendix F, para. (k) up to 20,000 FT.
- Equipment was tested on April 20, 2020.
- Reinstalled Altimeter and Encoder with the same serial numbers. Performed pitot / static leak test and Transponder interrogation test in accordance with CAR 571, appendix B, para. (a) and CAR 571, appendix F, para. (k).
- Performance tested Transponder GTX-33, p/n: 011-00779-00, s/n: 84702197 including mode S in accordance with CAR 571, appendix F.

The described maintenance has been performed in accordance with applicable airworthiness requirements.

Reference WO: 9549

Signature/Stamp:




Section 1: Airframe Log

DATE	AIR TIME				LANDINGS / CYCLES	
	DAILY TOTAL		TOTAL		DAILY TOTAL	TOTAL
	HRS	MIN	HOURS	MIN		
5-Aug-2020	28	0	3054	0		
16-Aug-2020	10	3	3064	3		
26-Mar-2021	35	6	3099	9		


DETAILS OF TASK (INSPECTION, REPAIRS & REPLACEMENT)

CARRY FORWARD to Top of Next Page ▶

Cavali
AVIATION LTD
Ph 403-288-5160

NAME: SPINNER
 MANUFACTURER: CESSNA
 PART NUMBER: 0752637-16
 TTSN:
 PREVIOUS CERTIFICATION: CAVIATION 2012 0634
 NEW O/H/D TESTED REPAIRED INSPECTED REMOVED SERVICEABLE
 THE DESCRIBED MAINTENANCE HAS BEEN PERFORMED IN ACCORDANCE WITH THE APPLICABLE AIRWORTHINESS REQUIREMENTS.
 SIGNATURE: *Jason Palsat*
 LICENCE OR APPROVAL: 
 DATE: 29-June-2020

SERVICEABLE

Reference Cavalier WO# 20-290
 The described maintenance has been performed in accordance with the applicable airworthiness requirements.
 Signed: *Jason Palsat* Name: Jason Palsat License: 

Cavali
AVIATION LTD
Ph 403-288-5160
 C-GWTP S/N: 177RG1044 DATE: Aug 16, 2020 TAT: 3064.3
 > Oil and filter change completed. Serviced with Phillips 20W50. Leak checked serviceable.
 > Oil sample taken and routed for analysis.
 > LH fuel tank defueled. Fuel tank access panel removed to retrieve object from tank. Access panel sealed and secured. Aircraft refueled and leak checked serviceable.

Reference Cavalier WO# 20-342
 The described maintenance has been performed in accordance with the applicable airworthiness requirements.
 Signed: *M Kirk Mealey* Name: W. Kirk Mealey License: 479053

Cavali
AVIATION LTD
Ph 403-288-5160
 C-GWTP S/N: 177RG1044 DATE: March 26, 2021 TAT: 3099.9
 > Nose landing gear indication inop - NLG down position switch replaced with new. NLG rigging checks carried out and function checked serviceable.
 > Prop Spinner replaced with serviceable unit.
 > LH MLG tire and tube replaced with new.

Reference Cavalier WO# 21-038
 The described maintenance has been performed in accordance with the applicable airworthiness requirements.
 Signed: *M Bushrod* Name: M. Bushrod License: 424042

Cavalier
AVIATION LTD.

Ph. 403-288-5160

C-GWTP

S/N: 177RG1044

DATE: 5 Aug 2020

TAT: 3054.0hrs

- > Engine runs completed and mixture and reduced power confirmed. Engine compressions completed and checked serviceable.
- > Airbox and fuel injection system inspected with no leaks noted, but Alternate air door missing. Alt air door found partially blocking intake. Door and airbox repaired and engine runs performed. Mixture adjusted and checked serviceable.
- > HSI troubleshot by Northern Avionics and ground tested serviceable. Gyro connector cleaned, reattached, and ground runs performed. HSI operating normally at this time.

Reference Cavalier WO# 20-250

The described maintenance has been performed in accordance with the applicable airworthiness requirements.

Signed: 

Name: Jason Palset

License: Cavalier
AVIATION LTD.

Ph. 403-288-5160

C-GWTP

S/N: 177RG1044

DATE: Aug 16, 2020

TAT: 3064.3

- > Oil and filter change completed. Serviced with Phillips 20W50. Leak checked serviceable.
- > Oil sample taken and routed for analysis.
- > LH fuel tank defueled. Fuel tank access panel removed to retrieve object from tank. Access panel sealed and secured. Aircraft refueled and leak checked serviceable.

Reference Cavalier WO# 20-342

The described maintenance has been performed in accordance with the applicable airworthiness requirements.

Signed: 

Name: W. Kirk Mealey

License: 479053

Cavalier
AVIATION LTD.

Ph. 403-288-5160

C-GWTP

S/N: 177RG1044

DATE: March 26, 2021

TAT: 3099.9

- > Nose landing gear indication inop - NLG down position switch replaced with new. NLG rigging checks carried out and function checked serviceable.
- > Prop Spinner replaced with serviceable unit.
- > LH MLG tire and tube replaced with new.

Reference Cavalier WO# 21-038

The described maintenance has been performed in accordance with the applicable airworthiness requirements.

Signed: 

Name: M. Bushrod

License: 424042

Section 1: Airframe Log

DATE / /	AIR TIME				LANDINGS / CYCLES	
	DAILY TOTAL		TOTAL		DAILY TOTAL	TOTAL
	HRS	MIN	HOURS	MIN		

CARRIED FORWARD					3105	8
DEC 21	21	1	326	9		

2022	13.	9	3140.	8		
------	-----	---	-------	---	--	--

DETAILS OF TASK (INSPECTION, REPAIRS & REPLACEMENT)

CARRY FORWARD to Top of Next Page

Cavalier
AVIATION LTD
Ph. 403-288-5160

C-GWTP

S/N: 177RG1044

DATE: Dec 08, 2021

TAT: 3126.9

MLG actuator removed and resealed. Actuator support trusses repaired by Avrotechnik and reinstalled with actuator. System bled, 5 fault-free cycles performed and hydraulic fluid serviced.

Reference Cavalier WO# 21-551
The described maintenance has been performed in accordance with the applicable airworthiness requirements.

Signed:

Name: M. Bushrod

License: 424042

A/C Reg: C-GWTP
Date: July 5, 2022

- Avionics Maintenance Only -

Northern Avionics Inc.
AMO 68-03

- Removed Altimeter 5934F-1, s/n: H0329 and Encoder SSD120-30A, s/n: SRA-1180.
- Re-certified Altimeter in accordance with CAR 571, appendix B, paras. (b) thru (c) up to 20,000 Ft. Re-certified Encoder and performed integration test in accordance with CAR 571, appendix F, para. (k) up to 20,000 Ft.
- Reinstalled Altimeter and Encoder with the same serial numbers.
- Performed pitot / static leak test in accordance with CAR 571, appendix B, para. (a).
- Performance tested Transponder GTX-33, p/n: 011-00779-00, s/n: 84702197 including mode S in accordance with CAR 571, appendix F.
- Performed Transponder Interrogation Test in accordance with CAR 571 appendix F.
- Equipment was tested on July 5, 2022.

The described maintenance has been performed in accordance with applicable airworthiness requirements.

10194

Signature/Stamp:

Reference WO: 11075

Cavalier
AVIATION LTD
Ph. 403-288-5160

C-GWTP

S/N: 177RG1044

DATE: Aug 2, 2022

TAT: 3140.8

- Annual inspection IAW CARs 625 Appendix B. Cylinder compressions 1-78/80, 2-75/80, 3-75/80, 4-74/80
- Oil and filter changed. Engine serviced with Phillips 20W50 and leak checked serviceable. Sample sent for analysis
- ELT SN 197-15954 removed and routed to Northern Avionics for recert on WO#11075. Original inspected ELT reinstalled and function checked serviceable. **Battery due date May 2027.**
- Compass Swing carried out. Compass Correction card affixed near compass. Checked serviceable.

FOR	N	030	060	E	120	150	S	210	240	W	300	330
STEER	360	030	060	90	120	149	179	209	239	269	299	330

- Tachometer Accuracy check carried out. Found to be within +/- 4% of engine RPM at cruise mid-point. Checked serviceable.
- First aid kit replaced, annual inspection C/W and checked serviceable. 2023.
- Fire extinguisher inspected and checked serviceable. **Hydrostat due 2023.**
- AD search completed. AD 2022-03-15 for Garmin G3X is not applicable to the equipment installed on this aircraft. No other new ADs apply to this Mark.
- Seat rails and rollers inspected and checked serviceable IAW AD 2011-10-09 par (g).
- Heat muff inspected serviceable IAW AD CF90-03R2 Part I.
- Fuel lines and clamps inspected serviceable IAW AD 2015-19-07 par (1)(e)(ii).
- R/H courtesy light bulb replaced and checked serviceable.
- Plenum removed. Serviceable plenum reinstalled and checked serviceable.
- FWD L/H baffle patched with made repair parts and checked serviceable.
- Cowl mount on lower middle L/H side replaced and checked serviceable.
- Post inspection ground runs carried out and leak checked serviceable.

Reference Cavalier WO# 22-253

The described maintenance has been performed in accordance with the applicable airworthiness requirements.

Signed:

Name: Kirk Mealey

License: 479053

Transport Canada

**AUTHORIZED RELEASE CERTIFICATE
FORM ONE**

4 Organization Name and Address

5 Work Order/Contract/Invoice

Northern Avionics Inc.
216B Avro Lane, Springbank Airport
Calgary, AB T3Z 3S5

11075
11075

6 Item

7 Description

8 Part No

9 Qty

10 Serial/ Batch No

11 Status/ Work

1	Pilot Altimeter	6934P-1	1	H0329	Inspected/ Tested
2	Encoder	GSD120-30A	1	SRA-11800	Inspected/ Tested
3	Transponder	011-00779-00	1	84702197	Inspected/ Tested
4	ELT	453-6603	1	197-15954	Inspected/ Tested

12 Remarks

Altimeter and Encoder tested up to 20,000 feet as per CAR 571 App. B and F.
Transponder tested and recertified as per CAR 571 App. F.

ELT tested and recertified as per CAR 571 App. G. Battery Due: May 2027

C-GWTP

13a Certifies that the items identified above were performed, tested, inspected, repaired, etc.

14a CAR 571.10 Maintenance Release

Approved design data and are in conditions for safe operation

Non approved design data specified in block 12

14b Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12 was performed in accordance with the Canadian Aviation Regulations indicated below

13b Signature

13c Approved organization number

14b Signature

14c Approved Organization Number

13d Name

13e Date (dd/mm/yyyy)

14b Name

14e Date (dd/mm/yyyy)

K. Hoogeveen



AMO 68-03

5/Jul/2022

Installer Responsibilities

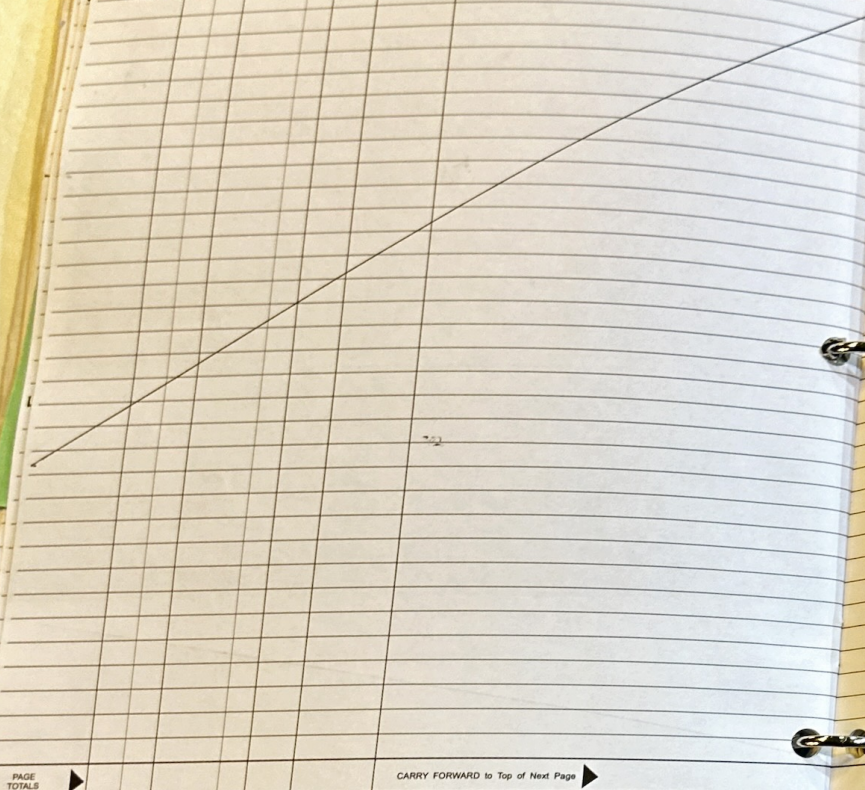
This certificate does not constitute authority to install. Installers working in accordance with the national regulations of a country other than specified in block 1 must ensure that their regulations recognize certifications from the country specified. Statements in blocks 13a or 14a do not constitute 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.

10194

Section 1: Airframe Log

DATE / /	AIR TIME				LANDINGS / CYCLES	
	DAILY TOTAL		TOTAL		DAILY TOTAL	TOTAL
	HR	MIN	HOURS	MIN		
4 Oct 23	S.O		3168.3			

DETAILS OF TASK (INSPECTION, REPAIRS & REPLACEMENT)



Cavalier
PH 403-288-5160

C-GWTP

SN: 177RG1044

DATE: October 4, 2023

NAME / SIGNATURE

TAT: 3,168.3

- > Annual inspection IAW CARs 625 Appendix B. Compressions: 1: 70/80 2: 72/80 3: 74/80 4: 75/80
- > ELT SN 197-15054 removed and routed to Northern Avionics AM068-03 for recertification; ELT recertified on Northern Avionics WO 11835. Original inspected; ELT reinstalled and function tested IAW STD 571 appendix G, checked serviceable. **Battery due date May 2027**
- > Compass Swing carried out. Compass Correction card affixed near compass. Checked serviceable.

	N	030	060	E	120	150	S	210	240	W	300	330
FOR	002	032	061	091	120	149	178	209	241	273	302	331
STEER												

- > Tachometer Accuracy check carried out. Found to be within +1.4% of engine RPM at cruise mid-point. Checked serviceable.
- > First aid kit replaced with new, checked serviceable.
- > Fire extinguisher replaced with new, checked serviceable.
- > Seat rails and rollers inspected IAW AD 2011-10-09 par (gland) checked serviceable.
- > Heat muff inspected IAW AD CF90-03R2 Part I and checked serviceable.
- > Fuel lines and clamps inspected IAW AD 2015-19-07 par (1)(e)(ii) and checked serviceable.
- > Propeller SN: 120737 removed and sent to Aero Propeller of Calgary LTD. AMO 235-92 for overhaul, propeller overhauled on Aero Propeller WO 14042. Overhauled propeller reinstalled and dynamically balanced, 8.9 grams installed at 300", final vibration magnitude 0.05 IPS, checked serviceable.
- > Nose wheel torque links removed, squat switch function checked serviceable, nose oleo serviced with hydraulic fluid and nitrogen. Hydraulic power pack removed, cleaned, tested and reinstalled. Aircraft reassembled, function checks carried out and checked serviceable.
- > Alternator belt replaced with new, checked serviceable.
- > Shimmy dampener removed, disassembled, cleaned and inspected. Seats replaced with new, dampener reassembled, serviced with hydraulic fluid and reinstalled with 1 new mounting bolt, checked serviceable.
- > Induction filter replaced with new, checked serviceable.
- > Post inspection ground runs carried out and leak checked serviceable.

Reference Cavalier WO 23-400

The described maintenance has been performed in accordance with the applicable airworthiness requirements.

Signed: *N. Catellier*

Name N. Catellier -

License: 776927

1. Approving Civil Aviation Authority / Country

Transport Canada

**AUTHORIZED RELEASE CERTIFICATE
FORM ONE**

3. Form Tracking No. 11835

4. Organization Name and Address

Northern Avionics Inc.
216B Avro Lane, Springbank Airport
Calgary, AB T3Z 3S5

5. Work Order/Contract/Invoice 11835

6. Item 1

7. Description ELT

8. Part No 453-6603

9. Qty 1

10. Serial/ Batch No 197-15954

11. Status/ Work Inspected/ Tested

C-GWTP

12. Remarks

ELT tested and recertified as per CAR 571 appendix G. Battery due May 2027.

13a. Certifies that the items identified above were manufactured in conformity to:

approved design data and are in conditions for safe operation

non approved design data specified in block 12

14a. CAR 571.10 Maintenance Release

Other regulations specified in block 12

14b. Signature

14c. Approved Organization Number AMO 68-03

13b. Signature

13c. Approved organization number

14d. Name

14e. Date (dd/mm/yyyy) 3/Oct/2023

13d. Name

Installer Responsibilities

Installer's 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.

2122