

NAME/  
SIGNATURE

LICENCE:  
AME or  
AMO/ACA

**Cavalier**  
AVIATION LTD.

C-GLBZ

S/N: 340A-0427

DATE: August 20, 2014

TAT: 8649.5

Ph. 403-288-5160

- R/H Alternator found defective, R/H Alternator replaced with new P/N ALV-9610 S/N H-N050731 installed, O/H'ed alternator drive coupling replaced P/N 646655 S/N DRK117930, safety devices replaced. Alternator function checked serviceable. Ground runs carried out, L/H and R/H Alternator regulators adjusted.
- # 5 R/H Engine cylinder removed due to crack indication. Repaired cylinder P/N CFCN71.2BCA-221 S/N 49164-4 installed and base nuts torqued IAW TCM SB96-7. Ground runs carried out and leak and function checked serviceable.
- # 3 R/H engine intake push rod tube replaced. Engine ground run and leak checked serviceable.

Reference Cavalier WO# 14-322

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

Signed:

Name: Brad Hvenegaard

License:



**Cavalier**  
AVIATION LTD.

C-GLBZ

S/N: 340A-0427

DATE: May 7, 2015

TAT: 8668.7

Ph. 403-288-5160

- Annual Insp completed IAW CAR 625 App "B", Part 1.
- RH engine compressions: #1-73/80, #2-72/80, #3-54/80, #4-43/80, #5-72/80, #6-63/80.
- RH engine cylinders #1 & #2 found cracked at intake ports.
- RH engine cylinders #1, 2, 3 & 4 replaced with overhauled S/N's: #1-51566-3, #2-51076-2, #3-51077-1, #4-51077-4. Cylinders installed with all new gaskets and seals.
- RH engine oil cooler replaced with new S/N#4082928.
- RH engine tach generator wiring repaired as required, function checked serviceable.
- RH engine mag timing adjusted as required.
- RH engine IB cowl intake doubler repaired as required IAW AC43.13/1B.
- **Engine serviced with Aeroshell W100 Mineral oil.**
- AD2001-01-16 Para b, c & e C/W- exhaust system inspected and pressure tested, checked serviceable.
- Ground runs completed and checked serviceable.

Reference Cavalier WO#15-145

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

Signed:

Name: Matt Reardon

License:



ERRORS



R/H engine 740.3hrs	NAME/ SIGNATURE	LICENCE: AME or AMO/ACA
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**Cavalier**  
AVIATION LTD.

C-GLBZ

S/N: 340A-0427

DATE: 25 Feb 2016

TAT: 8680.2

Ph. 403-288-5160

100 hr inspection carried out and checked serviceable.

- Oil and filter changes carried out on R/H engine.
- R/H waste gate cleaned and function checked serviceable.
- All propeller de-ice boots function checked serviceable.
- Ground runs completed and checked serviceable.

Reference Cavalier WO#16-028

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

Signed:

Name: Brad Hvenegaard

License:



4/12/2016 Hobbs 4178.6 TSO 770.1 Drained oil + Serviced with 12 qts Phillips 20w50 - Replaced oil filter AA 48108-2 - Runup & LK CK Satisfactory Scott Whittaker A&P 3354545IA		
4/12/2016 Hobbs 4178.6 AD2000-01-16 Para(b) clwb by visual insp. no defects noted 4/12/2016 Hobbs 4178.6 TSO 770.1 Performed comp ck over 80 psi #1-79, #2-73, #3-70, #4-74, #5-70, #6-73 Scott Whittaker A&P 3354545IA	next due Hobbs 4228.6 Scott Whittaker A&P 3354545	
9/23/2016 Hobbs 4233 Drained oil + serviced with 12 qts Phillips 20w50 - Replaced oil filter 48108-2. Runup + LK CK Satisfactory Scott Whittaker A&P 3354545		
11/5/2016 Hobbs 4277 Drained oil + serviced with 12 qts Phillips 20w50 - Replaced oil filter AA 48108-2 - Eng runup & LK CK Satisfactory Scott Whittaker A&P 3354545		
11/12/2016 Hobbs 4277.5 Replaced #2 cyl with diff cyl s/n 74859-19. Installed with new gaskets + seals. Serviced eng with 12 qts Aeroshell 100 mineral oil! Eng runup & LK CK Satisfactory Scott Whittaker A&P 3354545		

# tion 3A: Engine Service and Maintenance Log

E	TIME RUN		TIME SINCE OVERHAUL		CYCLES		INSTALLATIONS, INSPECTIONS
	HOURS	min	HOURS	min	Sub Total	TOTAL	
1							
HT	RD						
2016	Hobbs	4311					6/29 Drain fill Set
ed oil & serviced with 12 qts of Phillips 20W50. Replaced oil filter AA48108-2. 1 filter OK & good. Run up & check satisfactory Scott Whittaker A&P 3354545							
2016	Hobbs	4311					12/11 Inst Sati
ed oil & set CW AD 2000-01-16 Para (b) by visual insp. No defects noted. - Due Hobbs 4361. Scott Whittaker A&P 3354545							

./2017 Right Engine Log Entry for N615SA  
 Hobs 4352.4 TAT 8883.8 TSMOH 943.9

Complied with 100 hr for Annual inspection using Cessna 340/340A Service manual Inspection form, Continental, and Service Manuals as a guide. Compression checked engine, #1 76/80, #2 76/80, #3 75/80, #4 76/80, #5 76/80, #6 70. Complied with Continental Motors AD 2016-16-12 Eci Cylinder assemblies by Part number and Serial numbers under replacement. #1, #2, #3, #4, #5, cylinders NA. #6 cylinder AD applies. Replaced #6 cylinder with new under assembly, pn SA52006-A22P sn 24619 with new piston and pin, new rings, and gaskets and seals, overhauled connecting arms, cylinder assemblies purchased from RAM Aircraft Corp. Installed IAW Continental Maintenance Manual section 10-6. Both mags repaired by RLB Accessory Services, reinstalled mags and timed to engine right outboard sn 30911 and right inboard sn 07030910. Cleaned and gaped spark plugs, cleaned fuel nozzles, replaced nozzle O-rings and seals. Serviced oil with 12 qts Aeroshell 10 mineral oil. Replaced oil filter with pn 48108. Old filter cut open and found satisfactory. Cleaned air oil separator. Complied with AD 2000-01-16 Engine Exhaust system, compliance table paragraphs (b),(c),(d),(e) no defects noted next due, hobbs 4402.4. Engine ran and leak and ops checked satisfactory. AD's checked thru 4-2017.

I certify that this aircraft was inspected IAW a 100 hr inspection and found to be in an airworthy condition.

Scott Whittaker

*Scott Whittaker*

P3354545

5-01-2017 Right Engine log entry for N615SA  
 Hobs 4352.4 TAT 8883.8 TSMOH 943.9

Complied with an Annual Inspection in accordance with Cessna 340/340A Service Manual forms, and Continental and RAM Service Manual, I certify Engine was inspected in accordance with an Annual Inspection and was found to be in airworthy condition this date.

*Loren Winkelmann*  
 Loren Winkelmann  
 IA 1884451

PAGE	
LS	
ADDITIONAL	
REMARKS	
ALS	
NEW	

10/23/17  
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NAME/  
SIGNATURE

LICENCE:  
AME or  
AMO/ACA

6/28/2017 Hobbs 4378

Drained oil & serviced with 12 qts Phillips 20w50. Replaced oil filter CH 48108-1 - Cut old filter ck'd good - Runup & LK CK Satisfactory - next Due Hobbs 4428 - Scott Whittaker A#P3354545

12/1/2017 Hobbs 4453.6

Installed oil starter adapter P/N 642085A4, S/N 409211M030. OPS + LK CKS Satisfactory - Scott Whittaker A#P3354545

10/23/2017 Hobbs 4433.1

Drained oil & serviced with 12 qts Phillips 20w50. Replaced oil filter CH48108-1. Cut old filter ck'd good. Runup & LK CK Satisfactory. next Due 4483.1

12/11/2017 Hobbs 4466

Drained oil & serviced with 12 qts Phillips 20w50. Replaced oil filter CH48108-1. Cut old filter ck'd good. Runup & LK Satisfactory. Next Due 4516 Scott Whittaker A#P3354545

2/2/2018 Hobbs 4504

Drained oil & serviced with 12 qts 20w50. Replaced oil filter CH 48108-1 - Cut old filter ck'd good. Runup & LK CK Satisfactory Next Due 4554 Hobbs Scott Whittaker A#P3354545

4/12/2018 Hobbs 4542.9

Drained oil & serviced with 12 qts Phillips 20w50. Replaced oil filter CH48108-1 - Cut old filter ck'd good. Runup & LK CK Satisfactory. Next Due 4599 Hobbs. Scott Whittaker A#P3354545

# Section 3A: Engine Service and Maintenance Log

DATE / /	TIME RUN		TIME SINCE OVERHAUL		CYCLES	
	HOURS	min	HOURS	min	Sub Total	TOTAL
BROUGHT FORWARD	→					

INSTALLATIONS, INSPECTIONS

8/24/2018 Right Engine Log Entry for N615SA

Hobbs 4576.3 TAT 9107.7 TSMOH 1167.8

Complied with 100 hr for Annual inspection using Cessna 340/340A Service Manual inspection form, Continental, and Ram Service Manuals as a guide. Compression checked engine, #1 72/80, #2 76/80, #3 78/80, #4 78/80, #5 66/80, #6 78/80. Cleaned and gaped spark plugs. Cleaned fuel nozzles, replaced nozzle o-rings and seals. Serviced oil with 12 qts Phillips 20W50 oil. Replaced oil filter with pn 48108. Old filter cut open and found satisfactory. Cleaned air oil separator. Set timing Adjusted fuel pressures using SID97-3G as a guide. **Complied with AD 2000-01-16 Engine Exhaust system**, compliance table paragraphs (b),(c),(d),(e) no defects noted. Part (b) next due TT 9207.7, Part (c), (e) next due 8/19, Part (d) next due 9607.7 Engine run-up, leak and ops cks satisfactory. AD's checked thru 2018-16.

**I certify that this aircraft was inspected IAW a 100 hr inspection and found to be in an airworthy condition.**

Scott Whittaker



A&P3354545

8/24/2018 Right Engine log entry for N615SA

Hobbs 4576.3 TAT 9107.7 TSMOH 1167.8

Complied with an Annual Inspection using Cessna 340/340A Service Manual forms, and Continental and RAM Service Manual as a guide. I certify that this Engine was inspected in accordance with an Annual Inspection and was found to be in an airworthy condition this date.



Loren Winkelmann  
IA1894451

11/21/2018 Hobbs 4626.5

Drained oil & serviced with 12 qts Phillips 20W50. Replaced oil filter  
CH 48108 - cut open old filter ck'd good - Eng run up & Lk ck satisfactory.  
next Due Hobbs 4676.5 Scott Whittaker A&P 3354545

12/1/2019 Right Engine Log Entry for N615SA

Hobbs 4675.9 TAT 9207.3 TSMOH 1267.4

Complied with an annual insp using Cessna 340/340A Service Manual inspection form, Continental, and Ram Service Manuals as a guide. Compression ck #1 78/80, #2 72/80, #3 78/80, #4 78/80, #5 76/80, #6 78/80. Cleaned and gaped spark plugs. Cleaned fuel nozzles, replaced nozzle o-rings and seals. Serviced oil with 12 qts Phillips mineral oil. Replaced oil filter with pn 48108. Old filter cut open and found satisfactory. Cleaned air oil separator. Set timing. Replaced #5 cyl with new assy s/n 526-1-1623468, new piston, rings, all gaskets, Removed eng to facilitate other maint, reinstalled eng. Reinstalled turbocharger and wastegate using new bolts and seals. Adjusted fuel pressures using SID97-3G. Engine run-up, leak and ops cks satisfactory.

**I certify that this aircraft was inspected IAW an annual inspection and found to be in an airworthy condition this**

date



Scott Schertz

A&P3394551IA