

NAME/
SIGNATURE

LICENCE:
AME or
AMO/ACA

Cavalier
AVIATION LTD.
Ph. 403-288-5160

C-GLBZ

S/N: 340A-0427


DATE: Jan 27, 2015

TAT: 8668.7

➤ Engine removed for prop strike inspection.

Reference Cavalier WO# 15-011

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

Signed: 

Name: Matt Reardon

License:



2965 Airport Road,
Kamloops B.C. V2B 7W8 Canada

A.M.O. No.: 15-82
Form# 13-41

LOGBOOK INSERT

Engine Make: Continental
Engine Model: TSIO-520-NB
Engine Serial Number: 228170

Engine Hours: Unknown
Work Order #: E62841
T.S.O.: 736.30

Description of work:

This engine was dismantled and inspected as per SB 96-11B for Prop Strike Inspection as per work order:

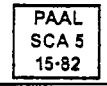
E62841

Ferrous parts were magnetic particle inspected and non ferrous parts were liquid penetrant inspected. This engine was reassembled using replacement parts, test run, and returned to service. The described maintenance has been performed in accordance with the applicable airworthiness requirements and is conditional to the outstanding maintenance listed under the installer responsibilities being carried out satisfactorily.

Date: March 13, 2015

Signature of authorized person


Ray Sartor - SCA PAAL # 5



NAME/
SIGNATURE

LICENCE:
AME or
AMO/ACA

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.
- LH engine and propeller removed for prop strike insp due to prop blade damage from FOD on runway.
- LH engine S/N#228170 repaired by Pro Aero Aviation on WO#E62841. LH engine reinstalled with all original accessories and LORD mounts.
- LH engine controls rigged and checked for travels and safety, checked serviceable.
- LH engine fuel flow transducer S/N#101524 removed and installed new S/N#200967.
- LH engine vacuum pump replaced with new S/N#161556.
- LH prop S/N#EB6662B repaired by Aero Propeller on WO#12994. Prop reinstalled and torqued and safetied.
- **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.

Independent control check completed for the affected flight/powerplant controls.

Signed: *[Signature]*

Name: Mike Craigmile

License:



AIRCRAFT RELEASE SUBJECT TO A SATISFACTORY TEST FLIGHT.

Reference Cavalier WO#15-011 & 15-145

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

Signed: *[Signature]*

Name: Matt Reardon

License:



Cavalier
AVIATION LTD.

C-GLBZ

S/N: 340A-0427

DATE: May 7, 2015

TAT: 8668.7

Ph. 403-288-5160

A test flight of this aircraft has been carried out and was found satisfactory.

Signature / Name

Date

License No.

Informational note: CAR 605.83(3) requires that the pilot in command shall enter the results of the test flight in the journey log and, where the entry indicates that the results of the test flight are satisfactory, that entry completes the maintenance release required by subsection (1)

ADDITION ERRORS

[Signature]



L/H Engine 740.3 hrs

NAME/
SIGNATURE

LICENCE:
AME or
AMO/ACA

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 change carried out on L/H engine.
- L/H exhaust shroud crack stop drilled and checked serviceable.
- L/H waste gate cleaned and function checked serviceable.
- #1 cylinder on the left engine replaced with overhauled unit. S/N E62841-1 removed. S/N 73911-01 installed.
- #3 cylinder on the left engine replaced with overhauled unit. S/N 47896-28 removed. S/N 73807.09 installed.
- #5 cylinder on the left engine replaced with overhauled unit. S/N E62841-5 removed. S/N 73911-10 installed.
- #3 connecting rod on the left engine removed and repaired under Pro aero WO#PAA49. Connecting rod installed and 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:



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| <p>4/12/2016 Hobbs 4178.6 TSO 770.1 Drained oil + serviced with 12 qts Phillips 20w50. Replaced oil filter AA48108-2 - Runup + LK ck satisfactory Scott Whitlock AIP 3354545</p> | | |
| <p>12/2016 Hobbs 4178.6 AIP 3354545 para (b) CW by visual insp. No D defects noted. Next Due Hobbs 4228.6 AIP 3354545 4/12/2016 Hobbs 4178.6 TSO 770.1 Performed comp ck over 80 PSI #1-79, #2-70, #3-79, #4-79, #5-79, #6-69 Scott Whitlock AIP 3354545</p> | | |
| <p>9/23/2016 Hobbs 4233 Drained oil + serviced with 12 qts Phillips 20w50. Replaced oil filter 48108-2. Runup + LK ck Satisfactory. Scott Whitlock AIP 3354545</p> | | |
| <p>11/5/2016 Hobbs 4277 Drained oil + serviced with 12 qts Phillips 20w50. Replaced oil filter AA48108-2 - Eng runup + LK ck satisfactory Scott Whitlock AIP 3354545</p> | | |

Section 3A: Engine Service and Maintenance Log

| DATE / / | TIME RUN | | TIME SINCE OVERHAUL | | CYCLES | | INSTALLATIONS, INSPECTIONS |
|---|------------|-----|---------------------|-----|-----------|-------|----------------------------|
| | HOURS | min | HOURS | min | Sub Total | TOTAL | |
| 12/29/2016 | Hobbs 4311 | | | | | | |
| Drained oil & serviced with 12 qts of Phillips 20w50. Replaced oil filter #48108. Cut old filter & ck'd good. Run up & LK ck satisfactory. Scott Whittaker Next Due Hobbs 4361 A&P3354545 | | | | | | | |
| 12/29/2016 | Hobbs 4311 | | | | | | |
| (w) AD 2000-01-16 Para (b) (w) by visual insp. no defects noted next due ^{Hobbs} 4361 Scott Whittaker A&P3354545 | | | | | | | |

5/01/2017 Left Engine Log entry for N615SA

Hobbs 4352.4 TAT 8883.8 TSMOH 943.9

Complied with 100hr for Annual Inspection using Cessna 340/340A Service manual Inspection form, Continental, and Ram Service Manuals as a guide. Compression checked engine, #1 78/80, #2 75/80, #3 78/80, #4 75/80, #5 75/80, #6 75/80. **Complied with Continental Motors AD 2016-16-13** Eci cylinder assemblies by Part number and serial numbers cylinder replacement. #2,#4,#6 cylinders apply, #1,#3,#5 cylinders NA by part number and serial number. **Replaced #2,#4,#6 cylinders with new cylinder assemblies pn SA52006-A22P**, new piston and pins, new rings, gaskets and seals, overhauled rocker arms. Cylinder assemblies purchased from RAM Aircraft Corp. Installed serial numbers #2 sn 24620, #4 sn 24621, #6 sn 24617 installed in accordance with Continental Maintenance Manual Section 10-6. **Both mags repaired by RLB Accessory Services**, reinstalled mags and timed to eng, lt outboard sn 14111093, lt inboard sn 14100904. Cleaned and gaped spark plugs. Cleaned fuel nozzles, replaced nozzles O-rings and seals. Serviced eng with 12 qts Aeroshell 100 mineral oil. Replaced oil filter with pn 48108. Old filter cut open and found satisfactory. Cleaned oil air 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 ckd 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

A&P3354545

5-01-2017 Left 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

IA1884451

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| NAME/ SIGNATURE | LICENCE: AME or AMO/ACA |
|--|-------------------------------|
| <p>6/28/2017 Hobbs 4378 Drained oil + serviced with 12 qts Phillips 20w50. Replaced oil filter CH 48108-1 - Cut old filter ck' good - Runup + LK ck Satisfactory - Next Due Hobbs 4428 <i>Scott Whittle</i> A:P3354545</p> | |
| <p>10/23/2017 Hobbs 4433.1 Drained oil + serviced with 12 qts Phillips 20w50. Replaced oil filter CH 48108-1. Cut old filter ck' good. Runup + LK ck satisfactory <i>Scott Whittle</i> A:P3354545 next due 4483.1</p> | |
| <p>12/11/2017 Hobbs 4466 Drained oil + serviced with 12 qts Phillips 20w50. Replaced oil filter CH 48108-1. Cut old filter ck' good. Runup + LK ck Satisfactory. next due 4516 <i>Scott Whittle</i> A:P3354545</p> | |
| <p>12/11/2017 Hobbs 4466 Replaced #1 Alternator P/N ALV-9610 S/N H-R090183. Adj voltage. System ops ck satisfactory. <i>Scott Whittle</i> A:P3354545</p> | |
| <p>2/2/2018 Hobbs 4504 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 4554 Hobbs <i>Scott Whittle</i> A:P3354545</p> | |
| <p>4/10/2018 Hobbs 4549.9 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 4599 <i>Scott Whittle</i> A:P3354545</p> | |
| <p>4/19/2018 Hobbs 4549.9 Replaced #1 Alternator ^{with} P/N ALV9610 S/N H-R110628. Adj voltage. System ops + LK ck satisfactory. <i>Scott Whittle</i> A:P3354545</p> | |

Section 3A: Engine Service and Maintenance Log

| DATE / / | TIME RUN | | TIME SINCE OVERHAUL | | CYCLES | | INSTALLATIONS, INSPECTIONS |
|-----------------|----------|-----|------------------------|-----|--------------|-------|----------------------------|
| | HOURS | min | HOURS | min | Sub Total | TOTAL | |
| BROUGHT FORWARD | → | | | | | | |

8/24/2018 Left Engine Log entry for N615SA

Hobbs 4576.3 TAT 9107.7 TSMOH 1167.8

Complied with 100hr for Annual Inspection using Cessna 340/340A Service Manual inspection form, Continental, and Ram Service Manuals as a guide. Compression checked engine, #1 78/80, #2 78/80, #3 78/80, #4 78/80, #5 78/80, #6 76/80. Cleaned and gaped spark plugs. Cleaned fuel nozzles, replaced nozzle o-rings and seals. Serviced eng with 12 qts Phillips 20W50. 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 ckd 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

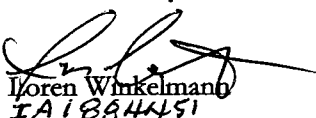


A&P3354545

8/24/2018 Left 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
IA1884451

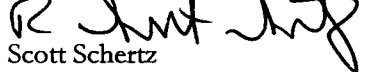
11/20/2018 Hobbs 4626.5 next Due Hobbs 4676.5
 Drained oil & serviced with 12 qts Phillips 20W50. Replaced oil filter
 CH 48108-1 - Cut open old filter ck'd good. Runup & Lk ck Satisfactory.
 Scott Whittaker A&P3354545

12/1/2019 Left 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 75/80, #3 70/80, #4 74/80, #5 75/80, #6 72/80. Cleaned and gaped spark plugs. Cleaned fuel nozzles, replaced nozzle o-rings and seals. Serviced eng 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 #1 cyl with new cyl s/n 526-1-1623465, piston and rings, all gaskets. Reinstalled turbocharger and wastegate using new bolts and seals. 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

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| THIS PAGE TOTALS | → | | | | | | |
| PREVIOUS TOTALS | | | | | | | |
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