

ENGINE LOG



ENGINE LOG

THE NEW
PIPER AIRCRAFT, INC.

**General Offices at
Vero Beach, Florida
U.S.A.**

Part No. 230716

OWNER

NAME	ADDRESS	Installed in Aircraft No.	Date
1		N4167A	
2			
3			
4			
5			
6			

If this book is found, please return it to the owner.

NOTICE

Making false entries in this book is a violation of government regulations and is punishable by civil penalty.

THIS ENGINE SERVICED WITH
AEROSHELL 15W50

OIL AT THE PIPER FACTORY

ENGINE LOG

Date: _____ Engine Time: _____ This Date: _____ Since Major: _____ Total Time: _____ **Maintenance**

ENGINE February 10, 2000 Total Time: 35.0 **N4167A**

Changed the oil and filter. Cut the filter open. No abnormal contaminants were noted. Serviced with 10 quarts of Aeroshell SAE 15W50 oil. Performed a ground run. Operational and leak check good after repairs.

For Aviation Sales, Inc.
W.O. No. 11965

Max D. Kleinschrodt
Max D. Kleinschrodt, A&P 476802692

ENGINE July 31, 2000 Hour Meter: 67.2 **N4167A**

Changed the oil and filter. Cut the filter open. No abnormal contaminants were noted. Serviced with 11 quarts of Aeroshell SAE 15W50 oil.

Complied with Lycoming Special Advisory 56-500 as required. No discrepancies noted.

Complied with Lycoming S.I. 1492B. No discrepancies noted.

Performed a ground run. Operational and leak check good after repairs.

Total To _____
Carry Forward _____
For Aviation Sales, Inc.
W. O. No. 12145

Ronald C. Gish
Ronald C. Gish, A & P 523046946

ENGINE

September 14, 2000

Total Meter: 84.4

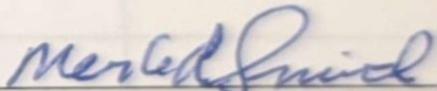
N4167A

Changed the oil and filter per Lycoming Special Advisory 59-800. Cut the filter open and inspected suction screen. No abnormal contaminants were noted. Serviced with 11 quarts of Aeroshell SAE 15w50 oil. Performed a ground run. Operational and leak check good after repairs.

Complied with Lycoming S.I. 1492B, piston pin wear by inspecting the oil filter, oil suction screen and sampling oil for analysis. No abnormal contaminants were noted.

Complied with Lycoming Special Advisory 56-500, crankshaft bearing wear, by inspection of oil screen and oil filter. No discrepancies noted.

For Aviation Sales, Inc.
W.O. 12255


Merle R. Smith, A & P 585366935

ENGINE LOG

ENGINE April 2, 2001 Hobbs: 89.5 Total Time: 89.5

N4167A

ce

Performed an Annual Inspection using Piper PA46-350P checklist and FAR 43, Appendix D. Airworthiness Directive compliance checked through Revision 2001-06.

Changed the oil and filter. Cut the filter open. No abnormal contaminants were noted. Serviced with 11 quarts of Aeroshell SAE 15w50 oil. Performed a compressions check in accordance with Lycoming S.I. 1191 with results as follows: #1-76/80; #2-74/80; #3-76/80; #4-74/80; #5-74/80; #6-76/80; Minimum-60/80.

Complied with Lycoming S.A. 59-800, rod bearing replacement.

Complied with Lycoming S.A. 59-800 by taking an oil sample and submitting for analysis.

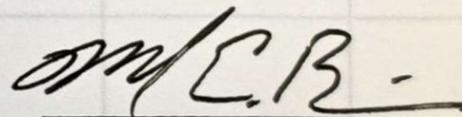
Replaced right forward engine baffle with new.

Complied with A.D. 93-02-05, fuel injector line inspection, in accordance with Lycoming S.B. 342A.

Ground run and leak check completed in accordance with FAR 43.15 (c)(2), (i) through (iv) and was found to be satisfactory.

I certify that this engine has been inspected in accordance with an Annual Inspection and was determined to be in airworthy condition.

For Aviation Sales, Inc.
W.O. Nos. 12529; 12555

 - A & P 2387920 I.A.
Mark E. Biron, A & P 2387920 IA

Total To
Carry Forward



anc

ENGINE

April 25, 2001

Total Time: 92.5

N4167A

Certificate No.

Removed left magneto and installed new unit, Serial No. 00072081
in accordance with manufacturer's specifications.

For Aviation Sales, Inc.
W.O. 12571

Max D. Kleinschrodt
Max D. Kleinschrodt, A&P 476802692

10/18/01 Hobbs: 107.2 CHANGED OIL &

FILTER. SERVICED WITH ARROSHELL 15W-50 12QTS

& CHAMPION CH48103 FILTER. GROUND RUN & LINK

CHECK OK. CUT FILTER, NO METAL FOUND AT

THIS TIME. WASHED DOWN ENGINE.

Michael Hoffman

APP 28188 1398

*****MUNCIE AVIATION CO. CRS#AJVR135C*****



N4167A Date 5/3/2002 A/C 137.7 Hrs. TT

Annual inspection completed this date Ref. Piper Inspection Report #230-1085

Changed oil and filter serviced with Aeroshell 15W50, Sample Taken, Performed compression test:

#1 72/80 #2 72/80 #3 74/80 #4 74/80 #5 74/80 #6 74/80, C/W LSB521 crossover pipe Inspection Ok

C/W LSB531 Tailpipe and Turbocharger Inspection Both Due Annually, C/W AD93-02-05 per LSB342D

Fuel Injector line Insp. Ok, Installed new Rt pressurization hose, adjusted throttle travel IAW MM

See AD List For Details

Ground check and run-up ok

I certify that this Engine has been inspected in accordance with a Annual inspection and was determined to be in airworthy condition.

Repair Station No. AJVR135C

Make Lycoming Ser.No L-10407-61A

Model TIO 540-AE2A Reg.Mark N4167A

The aircraft/component identified above was repaired and inspected in accordance with current Regulations of Federal Aviation Agency, approved for return to service.

Pertinent details of the repair are on file at the Agency.

Work Order No. S5193 Date 5/3/2002

Signed, [Signature] Inspector

MUNCIE AVIATION CO. CRS#AJVR135C

MUNCIE, IN 47308 765-289-7141

C/W PSB1103 Engine mount Inspection Ok at this time
Due every 100 Hrs.



ENGINE LOG

*****MUNCIE AVIATION CO.CRS#AJVR135C*****



N4167A Date 5/3/2002 A/C 137.7 Hrs. TT

Annual inspection completed this date Ref. Piper Inspection Report #230-1085

Changed oil and filter serviced with Aeroshell 15W50, Sample Taken, Performed compression test:

#1 72/80 #2 72/80 #3 74/80 #4 74/80 #5 74/80 #6 74/80, C/W LSB521 crossover pipe Inspection Ok

C/W LSB531 Tailpipe and Turbocharger Inspection Both Due Annually, C/W AD93-02-05 per LSB342D

Fuel Injector line Insp. Ok, Installed new Rt pressurization hose, adjusted throttle travel IAW MM

See AD List For Details

Ground check and run-up ok

I certify that this Engine has been inspected in accordance with a Annual Inspection and was determined to be in airworthy condition.

Repair Station No. AJVR135C

Make Lycoming Ser.No L-10407-61A

Model TIO 540-AE2A Reg.Mark N4167A

The aircraft/component identified above was repaired and inspected in accordance with current Regulations of Federal Aviation Agency, approved for return to service Pertinent details of the repair are on file at the Agency

Work Order No. S5193 Date 5/3/2002

Signed [Signature] Inspector for MUNCIE AVIATION CO. CRS#AJVR135C

MUNCIE, IN 47308 765-289-7141



C/W PSB1103 Engine mount Inspection Ok at this time
Due every 100 Hrs.

and Remarks

Signature

Certificate No.

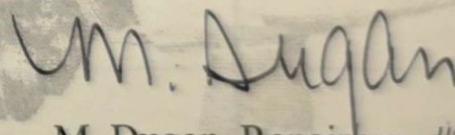
LYCOMING

A Textron Company

d/b/a Lycoming Engines, a division of Avco Corporation, a wholly owned subsidiary of Textron, Inc.

652 Oliver Street
Williamsport, PA 17701

12/30/02 Engine Serial Number L-10407-61A with 174.8 hours was metallurgically inspected with core samples removed from crankshaft serial number V537911834 IAW LPS 593 and crankshaft was found to be metallurgically acceptable for return to service. Comply with all sections of SSP 302-2 or later revision, before returning aircraft and engine to service.



M. Dugan

M. Dugan Repairman #2606040
Repair Station EJ1R115K

End

and Remarks

Signature

Certificate No.

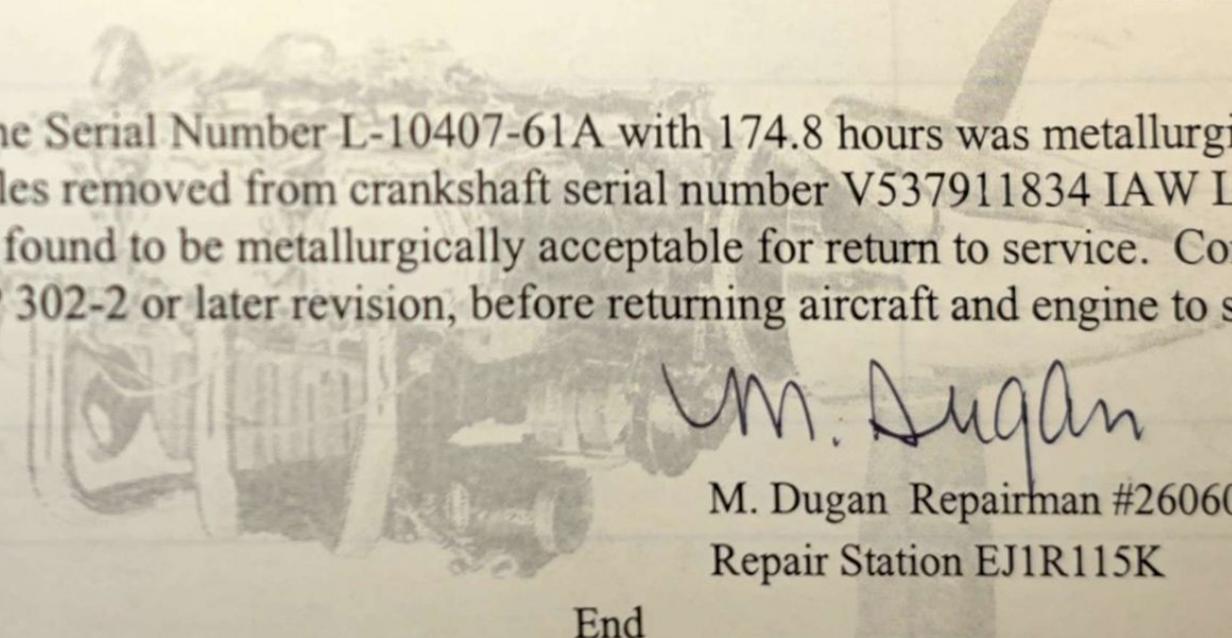
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652 Oliver Street
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M. Dugan

M. Dugan Repairman #2606040

Repair Station EJ1R115K

End

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
12-31-02	Brought Forward →	TOTAL TIME 174.8		COMPLETED WITH THE REQUIREMENTS OF AD 2002-19-03 TABLE 3 PARAGRAPH 1-4. CRANKSHAFT DETERMINED TO BE ACCEPTABLE FOR RETURN TO SERVICE
		RETURNED TO SERVICE		
<p>"The aircraft and/or component identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at this Repair Station under Work Order No. <u>014074</u>." Lane Aviation Corp. Repair Station #DYCR407D.</p>				
Signed <u>2 Pollock</u>			Date <u>12-31-02</u>	
Total To Carry Forward				

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
12-31-02	Brought Forward →	TOTAL TIME 174.8		COMPLETED WITH THE REQUIREMENTS OF AD 2002-19-03 TABLE 3 PARAGRAPH 1-4. CRANKSHAFT DETERMINED TO BE ACCEPTABLE FOR RETURN TO SERVICE
		RETURNED TO SERVICE		
<p>"The aircraft and/or component identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at this Repair Station under Work Order No. <u>014074</u>." Lane Aviation Corp. Repair Station #DYCR407D.</p>				
Signed <u>2 Polley</u>			Date <u>12-31-02</u>	
Total To Carry Forward				

and Remarks	Signature
<p>CHASTEEN AVIATION INC. 130 BARKLOW RD. PORTSMOUTH, OH. 45662 1-21-2003 HOBBS 183.6 CHANGED OIL AND FILTER P/N CH48103. SERVICED WITH 12 QTS AEROSHELL 15W50. WASHED ENGINE DOWN. RAN AND LEAK CHECKED OK. FREDERICK E. CASSIDY <i>Frederick E. Cassidy</i> AP407462258</p>	

ENGINE March 28, 2003 Hobbs: 202.0

N4167A

Removed the fuel injector servo for overhaul. (See FAA Form 8130-3 from B & S Aircraft Parts & Accessories, Inc., dated 03/20/03 placed in the aircraft records.) Reinstalled servo, Serial No. 70188401. Performed a ground run and adjusted the idle speed and mixture to the manufacturer's specifications. Operational and leak check good.

Adjusted maximum manifold pressure per the manufacturer's instructions. Operational check good.

For Aviation Sales, Inc.
W.O. No. 13745

Tyson M. Teeboom
Tyson M. Teeboom, A & P 2510451

Date: 5/7/2003, Aircraft: N4167A, Hobbs: 216.6, ~~Teoh~~: 216.6, Total Time: 0.0 ENGINE

Performed an Annual Inspection using Piper checklist and FAR 43, Appendix D Airworthiness Directive compliance checked through Revision 2003-08.

Changed oil and filter. Cut filter open. No abnormal contaminants noted. Serviced with 11 quarts of Aeroshell SAE 15w50 oil. Leak check good. Performed compression check in accordance with Lycoming S.I. 1191 with results as follows: #1 - 75/80; #2 - 76/80; #3 - 76/80; #4 - 76/80; #5 - 74/80; #6 - 76/80; minimum - 60/80.

Removed fuel servo, Serial No. 70188401 for repair. Reinstalled servo following repairs. (See FAA Form 8130-3 dated 05/02/03, placed in the aircraft records.) Performed rigging check and adjusted idle mixture in accordance with manufacturer's specifications. Operational check good.

Removed cylinder #1, #2, #3 and #4 exhaust stacks and replaced gaskets as needed. Reinstalled exhaust stacks in accordance with manufacturer's specifications.

Adjusted left and right magneto to manufacturer's specifications.

Tightened exhaust crossover shield clamps as needed.

Complied with A.D. 93-02-05, fuel injection line, by inspection per Lycoming S.B. 342D. Next inspection due at next annual inspection.

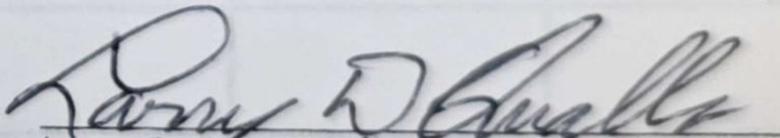
Complied with Lycoming S.I. 1492B, piston pin wear by inspection of oil filter and suction screen.

Complied with Piper S.B. 1103A, engine mount inspection per service bulletin instructions. Next inspection due at 316.6 hours.

Ground run and leak check completed in accordance with FAR 43.15 (c)(2), (i) through (iv) and was found to be satisfactory.

I certify that this engine has been inspected in accordance with an Annual Inspection and is determined to be in airworthy condition.

For Aviation Sales, Inc.
W. O. 13814


Larry D. Qualls, A&P 2228865IA

Date: 5/7/2003, Aircraft: N4167A, Hobbs: 216.6, ~~Time~~: 216.6, Total Time: 0.0 ENGINE

Performed an Annual Inspection using Piper checklist and FAR 43, Appendix D. Airworthiness Directive compliance checked through Revision 2003-08.

Changed oil and filter. Cut filter open. No abnormal contaminants noted. Serviced with 11 quarts of Aeroshell SAE 15w50 oil. Leak check good. Performed compression check in accordance with Lycoming S.I. 1191 with results as follows: #1 - 75/80; #2 - 76/80; #3 - 76/80; #4 - 76/80; #5 - 74/80; #6 - 76/80; minimum - 60/80.

Removed fuel servo, Serial No. 70188401 for repair. Reinstalled servo following repairs. (See FAA Form 8130-3 dated 05/02/03, placed in the aircraft records.) Performed rigging check and adjusted idle mixture in accordance with manufacturer's specifications. Operational check good.

Removed cylinder #1, #2, #3 and #4 exhaust stacks and replaced gaskets as needed. Reinstalled exhaust stacks in accordance with manufacturer's specifications.

Adjusted left and right magneto to manufacturer's specifications.

Tightened exhaust crossover shield clamps as needed.

Complied with A.D. 93-02-05, fuel injection line, by inspection per Lycoming S.B. 342D. Next inspection due at next annual inspection.

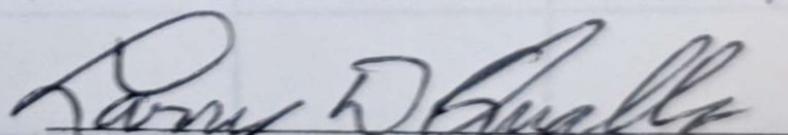
Complied with Lycoming S.I. 1492B, piston pin wear by inspection of oil filter and suction screen.

Complied with Piper S.B. 1103A, engine mount inspection per service bulletin instructions. Next inspection due at 316.6 hours.

Ground run and leak check completed in accordance with FAR 43.15 (c)(2), (i) through (iv) and was found to be satisfactory.

I certify that this engine has been inspected in accordance with an Annual Inspection and is determined to be in airworthy condition.

For Aviation Sales, Inc.
W. O. 13814


Larry D. Qualls, A&P 22288651A

Date: 5/7/2003, Aircraft: N4167A, Hobbs: 216.6, ~~Teach~~: 216.6, Total Time: 0:0 ENGINE

Performed an Annual Inspection using Piper checklist and FAR 43, Appendix D. Airworthiness Directive compliance checked through Revision 2003-08.

Changed oil and filter. Cut filter open. No abnormal contaminants noted. Serviced with 11 quarts of Aeroshell SAE 15w50 oil. Leak check good. Performed compression check in accordance with Lycoming S.I. 1191 with results as follows: #1 - 75/80; #2 - 76/80; #3 - 76/80; #4 - 76/80; #5 - 74/80; #6 - 76/80; minimum - 60/80.

Removed fuel servo, Serial No. 70188401 for repair. Reinstalled servo following repairs. (See FAA Form 8130-3 dated 05/02/03, placed in the aircraft records.) Performed rigging check and adjusted idle mixture in accordance with manufacturer's specifications. Operational check good.

Removed cylinder #1, #2, #3 and #4 exhaust stacks and replaced gaskets as needed. Reinstalled exhaust stacks in accordance with manufacturer's specifications.

Adjusted left and right magneto to manufacturer's specifications.

Tightened exhaust crossover shield clamps as needed.

Complied with A.D. 93-02-05, fuel injection line, by inspection per Lycoming S.B. 342D. Next inspection due at next annual inspection.

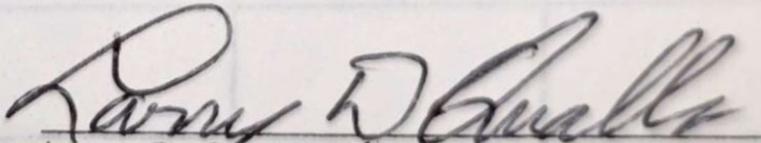
Complied with Lycoming S.I. 1492B, piston pin wear by inspection of oil filter and suction screen.

Complied with Piper S.B. 1103A, engine mount inspection per service bulletin instructions. Next inspection due at 316.6 hours.

Ground run and leak check completed in accordance with FAR 43.15 (c)(2), (i) through (iv) and was found to be satisfactory.

I certify that this engine has been inspected in accordance with an Annual Inspection and is determined to be in airworthy condition.

For Aviation Sales, Inc.
W. O. 13814

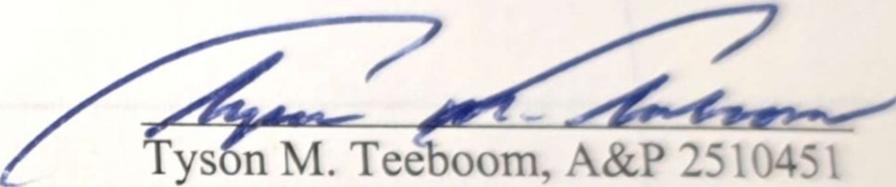

Larry D. Qualls, A&P 2228865IA

ENGINE May 30, 2003 Hobbs: 217.9 N4167A

Adjusted engine idle per the manufacturer's specifications. Performed ground run. Operational check good.

Adjusted manifold pressure per the manufacturer's specifications. Operational check good.

For Aviation Sales, Inc.
W.O. 13854

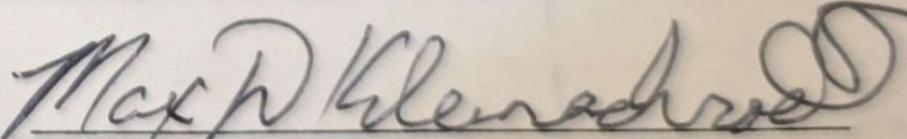

Tyson M. Teeboom, A&P 2510451

ENGINE August 14, 2003 Hobbs: 253.1 N4167A

Changed oil and filter. Cut filter open. No abnormal contaminants noted. Serviced with 11 quarts of Aeroshell SAE 15w50 oil. Leak check good.

Complied with Special Advisory 56-500, coarse oil screen inspection. No contaminants noted.

For Aviation Sales, Inc.
W.O. 13947


Max D. Kleinschrodt, A&P476802692

ENGINE

August 14, 2003

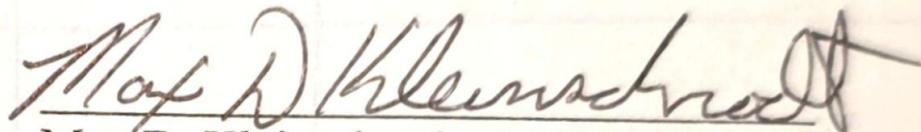
Hobbs: 253.1

N4167A

Changed oil and filter. Cut filter open. No abnormal contaminants noted. Serviced with 11 quarts of Aeroshell SAE 15w50 oil. Leak check good.

Complied with Special Advisory 56-500, coarse oil screen inspection. No contaminants noted.

For Aviation Sales, Inc.
W.O. 13947


Max D. Kleinschrodt, A&P476802692

ENGINE

October 16, 2003

Hobbs: 292.7

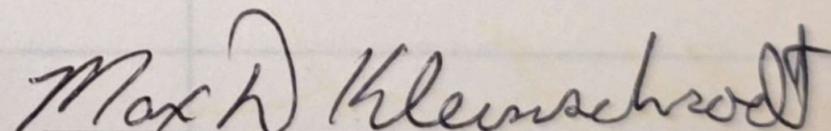
N4167A

Changed oil and filter. Cut filter open. No abnormal contaminants noted. Serviced with 11 quarts of Aeroshell SAE 15w50 oil. Performed ground run. Operational and leak checks good after repairs.

Complied with Special Advisory 56-500, coarse oil screen inspection. No contaminants noted.

Removed temperature sensor and cleaned connections. Reinstalled the temperature sender. and safetied.

For Aviation Sales, Inc.
W.O. 14038


Max D. Kleinschrodt, A&P476802692

ENGINE January 14, 2004 Hobbs: 317.3

N4167A

and F

Removed and replaced oil temperature probe connector with new part.
Performed a ground run. Operational check good.

Certificate No.

Removed right turbocharger, Serial No. CFN0039, and replaced with repaired turbocharger, Serial No. VF L0103. (See Serviceable tag from Main Turbo Systems, Inc., dated 01/13/04 placed in the aircraft records.)
Performed a ground run. Operational check and leak check good.

For Aviation Sales, Inc.
W.O. NO. 14138

Max D. Kleinschrodt
Max D. Kleinschrodt, A & P 476802692

March 11, 2004 Piper PA 46-350P S/N 4636254 N4167A Hobbs Time: 322.3
Textron Lycoming TIO-540-AE2A S/N

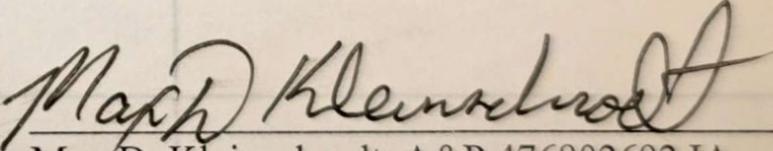
Drained oil and removed filter. Oil sample taken for analysis. Oil filter was cut open and inspection revealed no metal or contamination. Installed new CH48103 filter and serviced engine with 12 qts Aeroshell 15W50 oil. Operational run up performed satisfactorily with no leaks noted.

Michael A. Frank

Michael A. Frank A&P 524399608

-----END-----

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
ENGINE	May 20, 2004		Hobbs: 353.4	Total Time: 353.4 N4167A
<p>Performed an Annual Inspection using the Piper PA46-350P checklist and FAR 43, Appendix D. Airworthiness Directive compliance checked through Revision 2004-09.</p> <p>Changed oil and filter. Cut filter open. No abnormal contaminants noted. Serviced with 11 quarts of Aeroshell SAE 15w50 oil. Performed ground run. Operational and leak checks good. Performed compression check in accordance with Lycoming S.I. 1191 with results as follows: #1 - 72/80; #2 - 75/80; #3 - 77/80; #4 - 79/80; #5 - 76/80; #6 - 76 /80; minimum - 60/80.</p> <p>Complied with Piper S.B. 1012 and Lycoming S.B. 531, turbocharger and tailpipe inspection, per service bulletin instructions.</p> <p>Complied with A.D. 2002-26-01, fuel injector lines by visual inspection per Lycoming S.B. 342. No discrepancies noted.</p> <p>Adjusted timing for the left magneto per the manufacturer's specifications.</p> <p>Removed clamps on exhaust heatshield and replaced with new parts. Operational check good.</p> <p>Removed gasket on oil dipstick extension and replaced with new part.</p> <p>Ground run and leak check completed in accordance with FAR 43.15 (c)(2), (i) through (iv) and was found to be satisfactory.</p> <p>I certify that this engine has been inspected in accordance with an Annual Inspection and was determined to be in airworthy condition.</p>				
<p>For Aviation Sales, Inc. W.O. 14292</p> <div style="text-align: right; margin-right: 50px;">  Max D. Kleinschrodt, A&P 476802692 IA </div>				
Total To Carry Forward				

September 9, 2004 Piper PA 46-350P S/N 4636254 N4167A Hobbs Time: 389.1
Textron Lycoming TIO-540-AE2A S/N

Drained oil and removed filter. Oil filter was cut open and inspection revealed no metal or contamination. Installed new CH48103 filter and serviced engine with 12 qts Aeroshell 15W50 oil. Operational run up performed satisfactorily with no leaks noted.

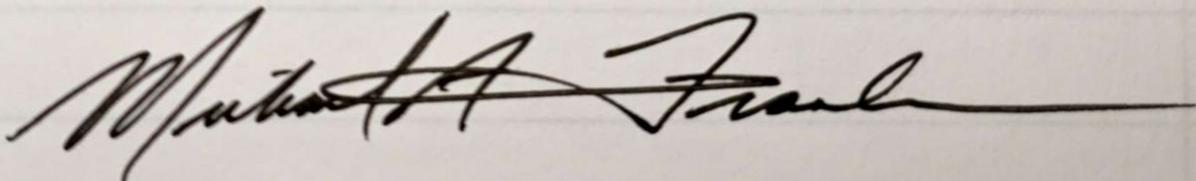


Michael A. Frank A&P 524399608

-----END-----

Nov. 24 , 2004 Piper PA 46-350P S/N 4636254 N4167A Hobbs Time: 413.7
Textron Lycoming TIO-540-AE2A S/N

Drained oil and removed filter. Oil filter was cut open and inspection revealed no metal or contamination. Installed new CH48103 filter and serviced engine with 12 qts Aeroshell 15W50 oil. Operational run up performed satisfactorily with no leaks noted.

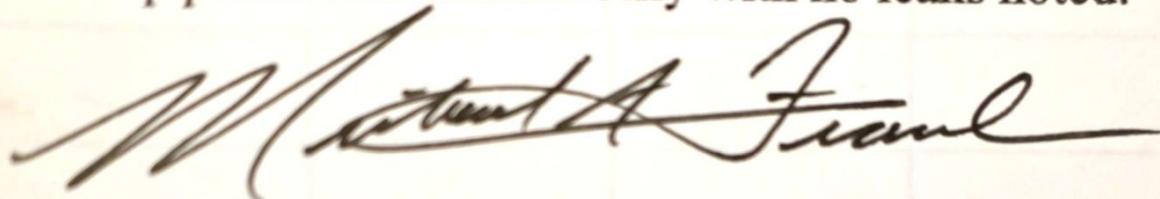


Michael A. Frank A&P 524399608

-----END-----

Dec. 7, 2004 Piper PA 46-350P S/N 4636254 N4167A Hobbs: 415.0
Textron Lycoming TIO-540-AE2A S/N

Installed overhauled turbochargers on left and right positions, see attached FAA Form 8130-3 for overhaul details. Installed new seal on oil temperature sensor. Operational run up performed satisfactorily with no leaks noted.



Michael A. Frank A&P 524399608

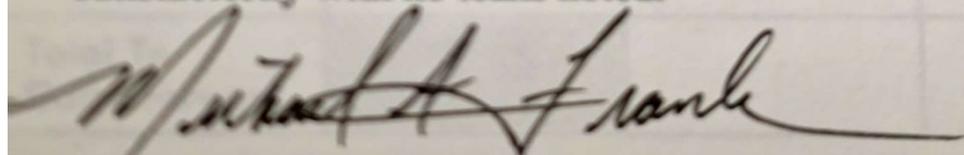
END

EXCALIBUR AVIATION

11740 AIRPORT WAY #36B
BROOMFIELD, CO 80021
(720)635-0423

April 1, 2005 Piper PA 46-350P S/N 4636254 N4167A Hobbs: 464.8
Textron Lycoming TIO-540-AE2A S/N

Removed left magneto. Removed fuel pump and drive base. Installed new shaft seal in drive base and new gasket on mount plate. Reinstalled fuel pump and drive base. Reinstalled left magneto and timed to engine. Installed new oil filler neck gasket and new dipstick gasket. Operational run up performed satisfactorily with no leaks noted.

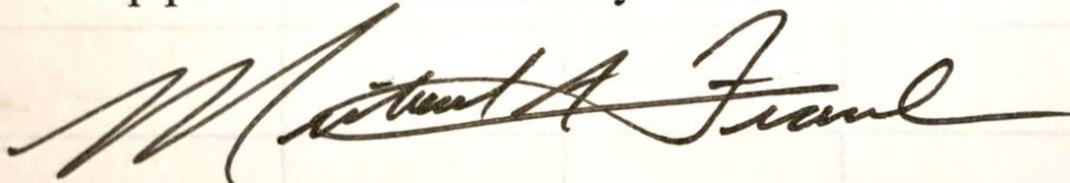


Michael A. Frank A&P 524399608

END

Dec. 7, 2004 Piper PA 46-350P S/N 4636254 N4167A Hobbs: 415.0
Textron Lycoming TIO-540-AE2A S/N

Installed overhauled turbochargers on left and right positions, see attached FAA Form 8130-3 for overhaul details. Installed new seal on oil temperature sensor. Operational run up performed satisfactorily with no leaks noted.



Michael A. Frank A&P 524399608

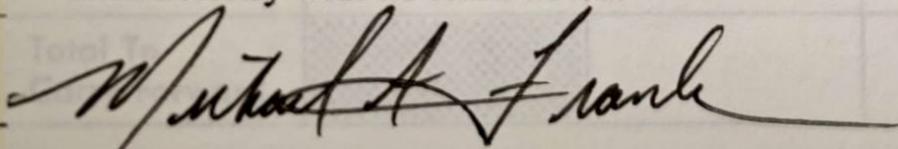
END

EXCALIBUR AVIATION

11740 AIRPORT WAY #36B
BROOMFIELD, CO 80021
(720)635-0423

April 1, 2005 Piper PA 46-350P S/N 4636254 N4167A Hobbs: 464.8
Textron Lycoming TIO-540-AE2A S/N

Removed left magneto. Removed fuel pump and drive base. Installed new shaft seal in drive base and new gasket on mount plate. Reinstalled fuel pump and drive base. Reinstalled left magneto and timed to engine. Installed new oil filler neck gasket and new dipstick gasket. Operational run up performed satisfactorily with no leaks noted.



Michael A. Frank A&P 524399608

END

EXCALIBUR AVIATION

11740 AIRPORT WAY #36B
BROOMFIELD, CO 80021
(720)635-0423

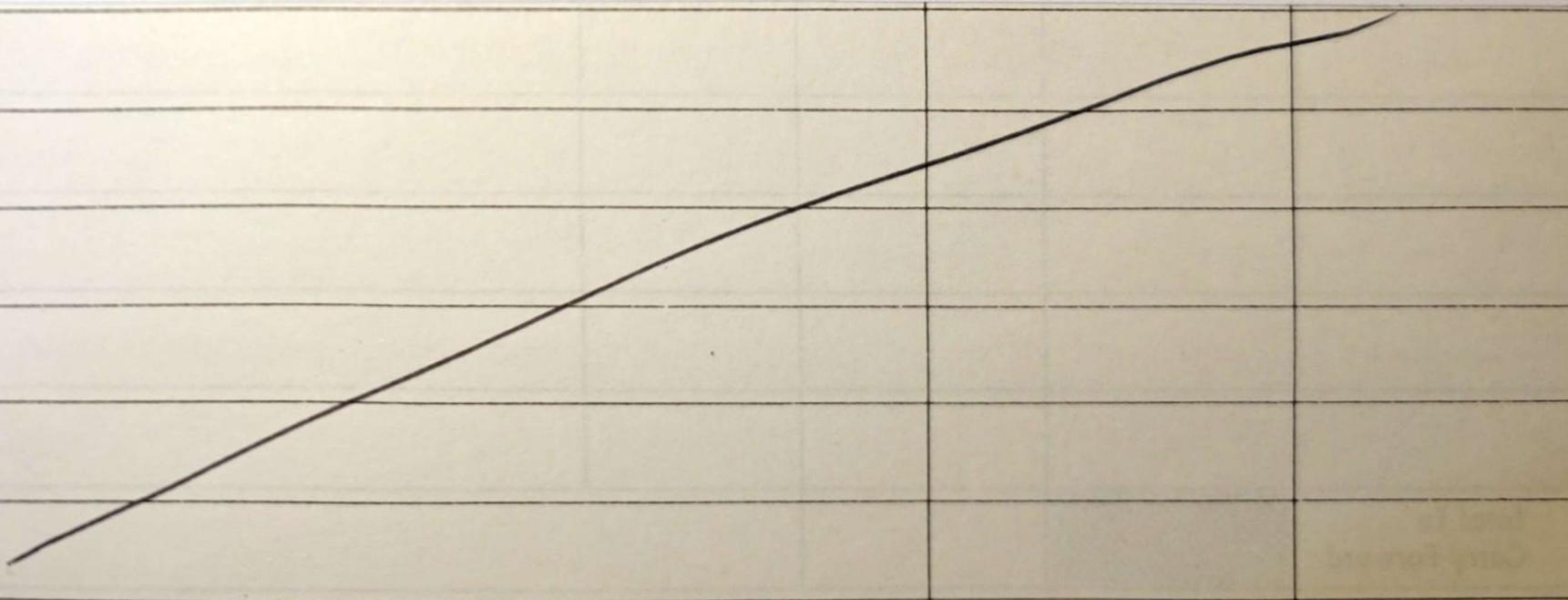
March 11, 2005 Piper PA 46-350P S/N 4636254 N4167A Hobbs: 455.7
Textron Lycoming TIO-540-AE2A S/N

Drained oil and removed filter. Filter was cut open and inspection revealed no metal or contamination. Installed new CH48103 filter and serviced engine with 12 qts. Aeroshell 15W50 oil. Installed 12 new Champion RHB36S spark plugs. Operational run up performed satisfactorily with no leaks noted.



Michael A. Frank A&P 524399608

-----END-----



ENGINE LOG

ENGINE June 14, 2005 Hobbs: 485.7 Total Time: 485.7 **N4167A**

Performed an Annual Inspection using the Piper PA46-350P checklist and FAR 43, Appendix D. Airworthiness Directive compliance checked through Revision 2005-11.

Changed oil and filter. Cut filter open. No abnormal contaminants noted. Serviced with 11 quarts of Aeroshell SAE 15w50 oil. Performed ground run. Operational and leak checks good.

Performed compression check in accordance with Lycoming S.I. 1191 with results as follows: #1 - 71/80; #2 - 76/80; #3 - 77/80; #4 - 75/80; #5 - 74/80; #6 - 75 /80; minimum - 60/80.

Complied with 500 hour alternator inspection on both alternators.

Removed right magneto Serial No. 99071751 and replaced with new part Serial No. 04081254. Operational check good. Removed left magneto Serial No. 000072081 and replaced with new part Serial No. 04021114. Operational check good.

Removed upper vacuum pump Serial No. 8AR 77 and replaced with overhauled part Serial No. 37457. (See FAA Form 8130-3 from Aero Accessories, Inc., dated 6/3/05 placed in the aircraft records.) Operational check good. Removed lower vacuum pump Serial No. 9AR 283 and replaced with overhauled part Serial No. 36140. (See FAA Form 8130-3 from Aero Accessories, Inc., dated 2/8/05 placed in the aircraft records.) Operational check good.

Removed starter Serial No. 9091148 and replaced with overhauled part Serial No. E123284. (See FAA Form 8130-3 from Kelly Aerospace Power Systems, dated 12/27/04 placed in the aircraft records.) Operational check good.

Removed, cleaned, resealed and reinstalled all fuel injector nozzles. Leak check good.

Complied with Textron Lycoming A.D. 2002-26-01, fuel injector lines by visual inspection per Lycoming S.B. 342. No discrepancies noted.

Complied with A.D. 99-15-04 R1, T.I.T. probe replacement per paragraph (d)(2)(iii) of instructions. Next replacement due at 735.7 hours.

Complied with Piper S.B. 1012 and Lycoming S.B. 531, turbocharger and tailpipe inspection, per service bulletin instructions.

ENGINE (cont'd.) June 14, 2005

N4167A

and

Removed exhaust crossover tube and replaced with repaired part. (See Maintenance Release from Heliarc Welding Service, Inc., dated 6/8/05 placed in the aircraft records.)

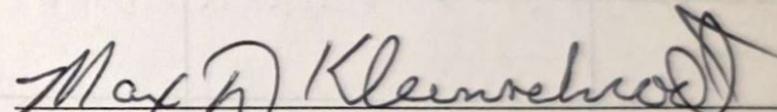
Removed Cylinder #1 gasket and replaced with new part. Leak check good.

Adjusted manifold pressure per the manufacturer's specifications.

Ground run and leak check completed in accordance with FAR 43.15 (c)(3) and was found to be satisfactory.

I certify that this engine has been inspected in accordance with an Annual Inspection and was determined to be in airworthy condition.

For Aviation Sales, Inc.
W.O. 14652


Max D. Kleinschrodt, A&P 476802692 IA

Page 2 of 2

8/25/05 hour meter 517.5 changed Oil & Filter
serviced with 12 qts AeroShell 15W 50 oil and
CH481034 filter. Cut apart filter and inspected
element no problems were found RAN engine leak
checked satisfactory. Tightening Rocker cover screws.
Larry W. Qualls A&P 4728865

ENGINE LOG

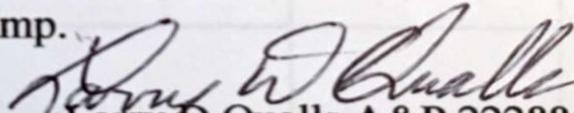
Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
1/16/06	Brought Forward →		557.2	Oil changed & Filter
Serviced with 15W 50 Aeroshell oil and CFF 48103 1 filter. Ran engine and leak checked satisfactory. Washed down engine Larry D Qualls A&P 2228865				

L&L Aviation LLC
 11740 Airport Way 36F

Reg. # N4167A
 Broomfield, Co. 80021

Hour meter Time: 558.2
 Feb. 11, 2006

Removed propeller for overhaul and reinstalled same s/n after overhaul by Rocky Mountain Propeller see 8130-3 dated Feb 10-06, ran engine and operational checks were satisfactory. Replaced three belts for the alternators and air conditioner pump.

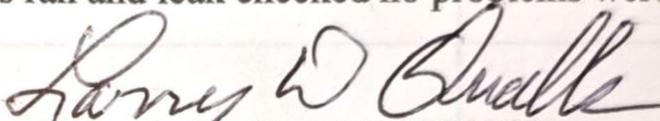

 Larry D Qualls A&P 2228865

L&L Aviation LLC
11740 Airport Way 36F

Reg. # N4167A
Broomfield, Co. 80021

Hour meter Time: 594.8
April 5, 2006

Changed oil and filter, serviced with 15W50 Aeroshell Oil and CH48103-1 filter. Complied with Lycoming SI 1492B suction screen and oil filter inspection no adverse problems found. Replaced all 6 rocker cover gaskets. Engine was ran and leak checked no problems were found.

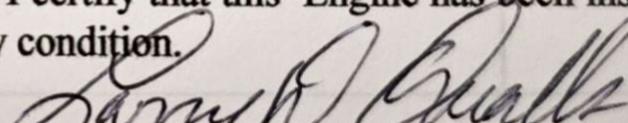

Larry D Qualls A&P 2228865

L&L Aviation LLC
11740 Airport Way 36F

Reg. # N4167A
Broomfield, Co. 80021

Hour meter Time: 606.2
June 16, 2006

Complied with an Annual Inspection using the Piper PA-46-350P checklist and FAR 43, Appendix D. Airworthiness Directives compliance checked through revision 2006-11. Complied with AD 2002-26-01 fuel injection line by visual inspection per Lycoming SB 342. Performed compression checks as follows 1-78/80, 2-78/80, 3-74/80, 4-74/80, 5-78/80, 6-74/80 per Lycoming SI 1191 minimum 60/80. Removed exhaust system risers, turbo "Y", and cross over tube for repair by Heliarc Welding service see maintenance release dated 6/15/06. Replaced #3 riser P/N 40B19827 with new. Used new gaskets and reinstalled exhaust system. Ground run and leak checked completed IAW FAR 43.15(c)(2) and was found to be satisfactory. Complied with Piper SB 1012 and Lyc. SB 531, turbocharger and tailpipe inspection, per SB instructions. I certify that this Engine has been inspected IAW an annual Inspection and was found to be in airworthy condition.


Larry D Qualls A&P 2228865IA

L&L Aviation LLC
11740 Airport Way 36F

Reg. # N4167A
Broomfield, Co. 80021

Hour meter Time: 623.8
July 13, 2006

Changed oil and filter, serviced with 15W50 Aeroshell Oil and CH48103-1 filter. Complied with Lycoming SI 1492B suction screen and oil filter inspection no adverse problems found. Replaced push rod seals on cylinders #1 and Exhaust of #2 and rocker shaft gaskets of same. Engine was ran and leak checked no problems were found.

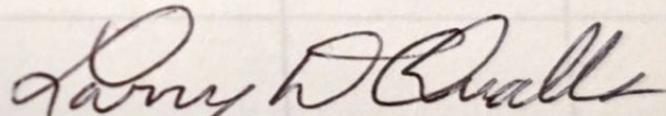

Larry D Qualls A&P 2228865

L&L Aviation LLC
11740 Airport Way 36F

Reg. # N4167A
Broomfield, Co. 80021

Hour meter Time: 661.5
Oct 12, 2006

Changed oil and filter, serviced with 15W50 Aeroshell Oil and CH48103-1 filter. Complied with Lycoming SI 1492B suction screen and oil filter inspection no adverse problems found. Engine was ran and leak checked no problems were found.

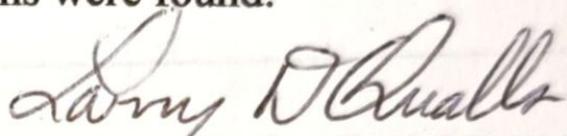

Larry D Qualls A&P 2228865

L&L Aviation LLC
11740 Airport Way 36F

Reg. # N4167A
Broomfield, Co. 80021

Hour meter Time: 693.9
Nov 13, 2006

Changed oil and filter, serviced with 15W50 Aeroshell Oil and CH48103-1 filter. Complied with Lycoming SI 1492B suction screen and oil filter inspection no adverse problems found. Engine was ran and leak checked no problems were found.



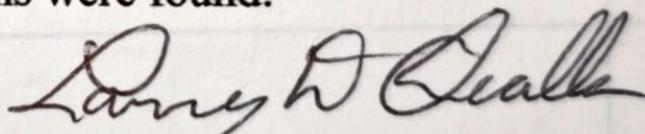
Larry D Qualls A&P 2228865

L&L Aviation LLC
11740 Airport Way 36F

Reg. # N4167A
Broomfield, Co. 80021

Hour meter Time: 722.8
April 17, 2007

Changed oil and filter, serviced with 15W50 Aeroshell Oil and CH48103-1 filter. Complied with Lycoming SI 1492B suction screen and oil filter inspection no adverse problems found. Engine was ran and leak checked no problems were found.



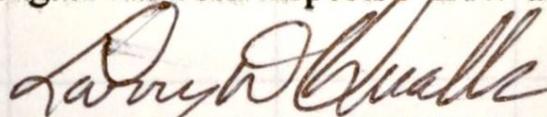
Larry D Qualls A&P 2228865

L&L Aviation LLC
11740 Airport Way 36F

Reg. # N4167A
Broomfield, Co. 80021

Hour meter Time: 745.5
June 21, 2007

Complied with an Annual Inspection using the Piper PA-46-350P checklist and FAR 43, Appendix D. Airworthiness Directives compliance checked through revision 2007-11. Complied with AD 2002-26-01 fuel injection line by visual inspection per Lycoming SB 342. Performed compression checks as follows 1-76/80, 2-75/80, 3-73/80, 4-74/80, 5-74/80, 6-76/80 per Lycoming SI 1191 minimum 60/80. Replaced all push rod tube seals, rocker cover gaskets, and rocker pin gaskets. Changed oil and filter serviced with Aeroshell 20W50 oil and CH48103-1 filter, old filter was cut open and inspected with no problems found. Ground run and leak checked completed IAW FAR 43.15(c)(2) and was found to be satisfactory. Complied with Piper SB 1012 and Lyc. SB 531, turbocharger and tailpipe inspection, per SB instructions. I certify that this Engine has been inspected IAW an annual Inspection and was found to be in airworthy condition.

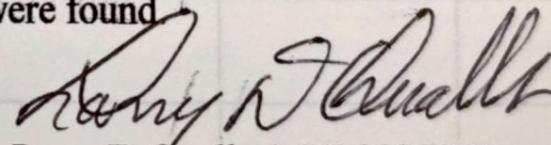

Larry D Qualls A&P 2228865IA

L&L Aviation LLC
11740 Airport Way 36F

Reg. # N4167A
Broomfield, Co. 80021

Hour meter Time: 770.4
July 18, 2007

Changed oil and filter, serviced with 15W50 Aeroshell Oil and CH48110 filter. Complied with Lycoming SI 1492B suction screen and oil filter inspection no adverse problems found. Engine was run and leak checked no problems were found.


Larry D Qualls A&P 2228865

Total To
Carry Forward



L&L Aviation LLC
11740 Airport Way 36F

Reg. # N4167A
Broomfield, Co. 80021

Hour meter Time: 793.8
Aug 10, 2007

Removed variable absolute pressure controller for overhaul and reinstalled after overhaul adjusted per instructions in the maintenance manual Engine was run and leak checked no problems were found.



Larry D Qualls A&P 2228865

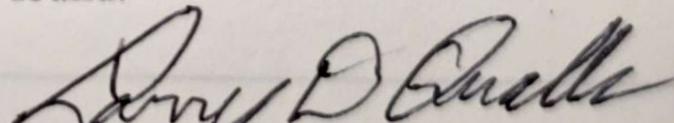
overhauled by main turbo systems on WO 36843 Dated 8-2-07
See M.R. Same date Larry D Qualls A&P 2228865

L&L Aviation LLC
11740 Airport Way 36F

Reg. # N4167A
Broomfield, Co. 80021

Hour meter Time: 794.7
Aug 22, 2007

Removed left turbo charger for overhaul and reinstalled after overhaul by Main Turbo Systems, Inc. on Wo# 36912 MR dated 8/16/07 per instructions in the maintenance manual. Engine was run and leak checked no problems were found.



Larry D Qualls A&P 2228865

L&L Aviation LLC
11740 Airport Way 36F
Broomfield, Co

N4167A

hour meter 874.1
May 15, 2008

Changed oil and filter, Serviced with 15W50 Aeroshell oil and Champion CH 48103-1 filter. Complied with Lycoming SI 149B Suction screen and oil filter inspection, no adverse problems were found.



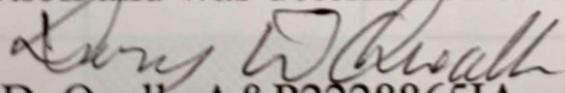
Larry D. Qualls A&P 2228865

L&L Aviation LLC
11740 Airport Way 36F
Broomfield, Co

N4167A

hour meter 893.2
July 7, 2008

Complied with an annual inspection using the Piper PA-46 350P inspection guide and FAR 43 appendix D. Performed compression checks as follows 1-76/80, 2-78/80, 3-78/80, 4-76/80, 5-78/80, 6-78/80 per Lycoming SI1191 minimum 60/80. . Complied with AD 2002-26-01 by visual inspection of fuel injection lines per Lycoming SB 342. Performed oil leak repairs, rocker covers, and left magneto mount, removed and replaced gaskets, sealed top aft case split bolt with TCM gasket maker, reinstalled and timed left magneto. Removed right turbocharger sump and repaired by Heliarc welding service, and re-cadmium plated by Aero propeller. I certify that this engine has been IAW an annual inspection and was determined to be in a airworthy condition



T.
C

Larry D. Qualls A&P2228865IA

L&L Aviation LLC
11740 Airport Way 36F

N4167A

hour meter 918.0
Sept. 23, 2008

Broomfield, Co

Changed oil and filter, Serviced with 15W50 Aeroshell oil and Champion CH 48103-1 filter. Complied with Lycoming SI 149B Suction screen and oil filter inspection, no adverse problems were found.


Larry D. Qualls A&P 2228865

L&L Aviation LLC
11740 Airport Way 36F

N4167A

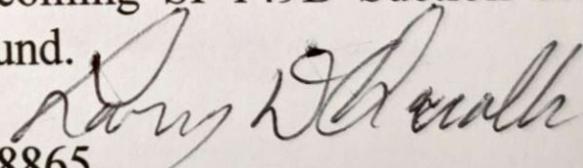
hour meter 928.8

Broomfield, Co
L&L Aviation LLC
Repl: 11740 Airport Way 36F
Broomfield, Co

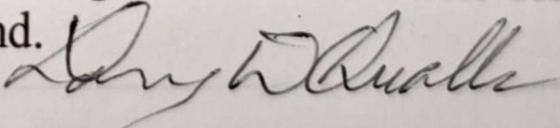
N4167A

hour meter 938.3
Dec. 31, 2008

Larry Changed oil and filter, Serviced with 15W50 Aeroshell oil and Champion CH 48103-1 filter. Complied with Lycoming SI 149B Suction screen and oil filter inspection, no adverse problems were found.


Larry D. Qualls A&P 2228865

Changed oil and filter, Serviced with 15W50 Aeroshell oil and Champion CH 48103-1 filter. Complied with Lycoming SI 149B Suction screen and oil filter inspection, no adverse problems were found.


Larry D. Qualls A&P 2228865

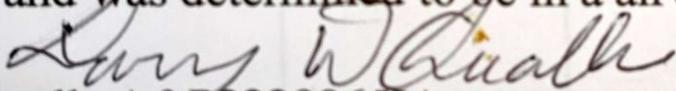
ENGINE LOG

L&L Aviation LLC
11740 Airport Way 36F
Broomfield, Co

N4167A

hour meter 982.8
June 11, 2009

Complied with an annual inspection using the Piper PA-46 350P inspection guide and FAR 43 appendix D. Performed compression checks as follows 1-74/80, 2-77/80, 3-76/80, 4-77/80, 5-76/80, 6-77/80 per Lycoming SI1191 minimum 60/80. . Complied with AD 2002-26-01 by visual inspection of fuel injection lines per Lycoming SB 342. Removed #1 cylinder due to exhaust valve leak repaired by Aircraft cylinders and engines, unit was reinstalled operational and leak checked satisfactory. Replaced right Magneto with new Slick P/N 6360E S/N08122840 unit was timed and operational and leak checked. Lubricated waste gate. I certify that this engine has been IAW an annual inspection and was determined to be in a airworthy condition



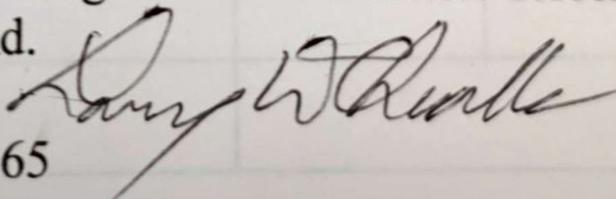
Larry D. Qualls A&P22288651A

L&L Aviation LLC
11740 Airport Way 36F
Broomfield, Co

N4167A

hour meter 1020.5
Sept 10, 2009

Changed oil and filter, Serviced with 15W50 Aeroshell oil and Champion CH 48103-1 filter. Complied with Lycoming SI 149B Suction screen and oil filter inspection, no adverse problems were found.



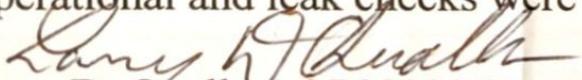
T
C Larry D. Qualls A&P 2228865

L&L Aviation LLC
11740 Airport Way 36F
Broomfield, Co

N4167A

hour meter 1032.8
Dec 28, 2009

Removed turbo controller, Overhaul of turbo controller P/N 481008-0033 S/N CIN4834
by Aircraft accessories reinstalled and completed rigging of unit and test runs of engine.
Operational and leak checks were satisfactory.

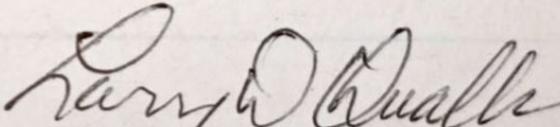

Larry D. Qualls A&P2228865

L&L Aviation LLC
11740 Airport Way 36F

Reg. # N4167A
Broomfield, Co. 80021

Hour meter Time: 1040.9
June 28, 10

Engine was removed for repairs and reinstalled after repairs, and rigged. Engine was serviced with
Aeroshell 100 mineral oil and CH48103-1. Engine was ran up operational and leak checked and was
determined to be satisfactory.


Larry D Qualls A&P 2228865

LEAVENS

AVIATION

This engine was repaired IAW the applicable Lycoming Manuals after a Propeller Strike. All applicable FAA and Transport Canada Airworthiness Directives and Lycoming Service Bulletins as listed on compliance sheet have been complied with. All parts have been inspected and have been determined serviceable for use. Engine run carried out as per attached run sheet. The maintenance described has been performed in accordance with the applicable standards of airworthiness.

Engine Model	TIO-540-AE2A
Serial #	L-10407-61A
Work Order	03-0008
TTSO	1040.9 HOBBS
TSN	
Date Completed	MAY 28, 2010



1. Approving Authority/Country: Transport Canada	AUTHORIZED RELEASE CERTIFICATE TCCA 24-0078	3. Form Tracking Number: 03-0008
--	--	--

4. Approved Organization:  LEAVENS AVIATION	LEAVENS AVIATION INC. 2555 DERRY RD. E. MISSISSAUGA, ONTARIO, CANADA L4T 1A1 Tel. (905) 678-1234 Fax (905) 678-7028	5. Work Order/Contract/Invoice Number: 03-0008
---	--	--

6. Item	7. Description	8. Part No.	9. Eligibility*	10. Qty	11. Serial/Batch No.	12. Status/Work
0	LYCOMING AERO ENGINE 0	TIO-540-AE2A d	To be verified by installer.	1	L-10407-61A	REPAIRED

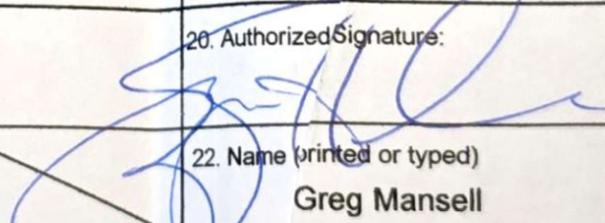
13. Remarks
This engine was dismantled, cleaned, inspected and reassembled after a prop strike inspection and repair. Details in work order.

AWD & S/B listing attached.

TSO: 1040.9 Hrs HOBBS
TSN:

14. 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 13.	19 <input checked="" type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulations 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 CAR 571.

15. Authorized Signature:	16. Approval Ref. No.:	20. Authorized Signature: 	21. Approval Ref. No.: 5 AMC 2-72
17. Name (printed or typed)	18. Date	22. Name (printed or typed) Greg Mansell	23. Date 28-May-2010

1. This document does not constitute authority to install the part. * Installer must cross-check eligibility with approved

2. Where the installer works in accordance with the national regulations of an Airworthiness Authority other than the Authority specified in Block 1, the installer must ensure that his/her Airworthiness Authority accepts products or maintenance from the Airworthiness Authority specified in Block 1.

3. Statements 14 and 19 do not constitute installation certification. In all cases the aircraft technical maintenance record must contain a maintenance installation certification issued in accordance with the national regulation by the user/installer before the aircraft may be flown

SERVICEABLE

Mfgr. Name Airesearch Part No. 46C19839G
Part Name turbocharger Serial CFN00313

The aircraft component identified above was completely overhauled in accordance with the manufacturer's specifications and with the current Regulations of the Federal Aviation Administration and is approved for return to service.

Pertinent details of the repair are on file at this repair station under

Work Order No. 36912
Date 8-16-07 Signed Danny Mann

(Signature of Authorized Individual)

MAIN TURBO SYSTEMS, INC.
234 Cotta Ct • Visalia, CA 93292

Phone (559) 635-3322 • Repair Station #MAMR190K • FAX (559) 627-1960

Lycoming O-540, IO-540, TIO-540

Serial #: L-10407-61A

Work Order No.: 03-0008

S.I.#	SUBJECT	NOT	
		Embodied at this time	Embodied at this time
1009	AU Recommended T.B.O.	_____	X
1011	H Tappet Body (only)	X	_____
1012	F CWT and Roller Location	X	_____
1014	M Recommended Oil	X	_____
1029	D Cylinder Base Nut Tightening Procedure	X	_____
1037	N Approved Piston and Rings	X	_____
1042	Z Approved Spark Plugs	_____	PCW
1047	B Inspection and Repair Nitrided Cylinders	X	_____
1059	C Prelubrication of Parts	X	_____
1060	J Pushrod Clearance and P.N. Supercedure	X	_____
1111	Crankshaft Inspection Oil Seal	X	_____
1123	D Crankcase Thru Stud Dowel	_____	X
1125	D Crankcase Sealant	X	_____
1141	Ring Gear Replacement	_____	X
1154	M Approved Starters	_____	PCW
1164	B Oil Pump Application	_____	PCW
1168	B Repair of Intake Pipe Bores	_____	X
1172	C Adjustable Oil Pressure Relief Valve	_____	PCW
1197	A Idler Gear Shaft Recess Repair	_____	X
1218	A Integral Gear Camshaft	_____	PCW
1225	D Bearing Dowel Replacement	_____	X
1228	A Cylinder Hold Down Plate Rework	_____	X
1240	C Valve Spring Replacement	_____	X
1256	E Valve Guide for Service Use	_____	X
1267	C Piston Pin Plug Application	X	_____
1275	C Fuel Injector Nozzels	X	_____
1277	A Shroud Tube Retaining Components	X	_____
1279	B Oil Sump Baffle Replacement	_____	PCW
1284	A X-Ray Type Tappet Bodies	X	_____
1285	B Magnetic Particle Inspection	X	_____
1290	E Oil Leakage Repair at Thru Studs	_____	X
1299	A Magneto Drive Gear Modification	_____	X
1301	A Identification Fuel/Primer Lines	X	_____
1307	B Conrod Bolt Application	X	_____
1310	A Idler Shaft Lockwiring	X	_____
1316	A Repair of Vernatherm Valve Seat	_____	X
1324	C Installation Crankshaft Oil Seals	X	_____
1340	A Heavy Wall Piston Pins	X	_____
1341	Oil Pump Idler Shaft Lubrication	X	_____
1343	A Set Screw for Prop/Idler Shaft	X	_____
1391	Exhaust Manifold Tube Alignment	_____	X
1410	Exhaust Manifold Pipe Improvement	_____	X
1423	Loctite Vernatherm Valve	_____	X
1424	A Installation of Hydraulic Tappet/Plunger	X	_____
1432	A High Crush Bearings	X	_____
1433	Bendix Magnetos (626)	_____	X
1438	A Rear Gov Drive Pad	_____	X
1442	Improved Oil Filter Bypass Valve	_____	X
1443	G Approved Slick Magnetos	X	_____
1454	Rocker Arm Installations (Parallel Head)	X	_____
1458	D Torque of Conrod Bolts	X	_____
1467	Conrod Assembly	X	_____
1468	A Grooved Exhaust Rocker Bushings	_____	PCW
1469	High Tensile Strength Rod Bolt	X	_____
1471	Steel Insert Piston	_____	X
1483	Valve Leak Check	X	_____
1484	A Metering Device Torque	X	_____
1487	Drain Tube Clearance	X	_____
1489	B Fuel manifold Spring Change	_____	X
1495	Replacement of Impulse Magneto	_____	X
1500	CWT Roller Change O-540-F1B5	_____	X
1509	Replace STD1409 Nuts	_____	PCW
1512	Bearing Identification	X	_____
1513	Lamar Starter	_____	X
1514	Roller Tappet	_____	X
1517	Timing Change TIO-540-AK1A	_____	X
1518	Injector Plug	X	_____

ADP	Applicable S.B. # & Subject	Date & Hours @ Comp.	Method of Compliance	One Time	Recurring	Next Comp. @ Hrs/Date	Authorized Signature & Number
71-13-01	Fuel injector manifold		N/A DATE	X			KEITH 3
73-23-01	Piston pin failures		N/A DATE	X			KEITH 3
75-09-15	Fuel flow divider gasket		N/A DATE	X			KEITH 3
78-23-10	Center body bellows seal assembly		N/A PART	X			KEITH 3
79-04-05	Fuel diaphragm		N/A PART	X			KEITH 3
89-15-10	Fuel leak check		C.W.	X			KEITH 3
91-08-07	Fuel pump vent hose		P.C.W.	X			KEITH 3
91-10-04	Exhaust transition flange bolts		N/A S.N.	X			KEITH 3
92-12-05	Piston pin failure		P.C.W.	X			KEITH 3
93-11-11	AC, Textron, Rajay fuel pumps		N/A ENGINE MODEL	X			KEITH 3
97-15-11	Piston pin		P.C.W.	X			KEITH 3
2002-19-03	Prevent failure of the crankshaft, which could result in total engine power loss		P.C.W.	X			KEITH 3
2003-14-03	Prevent rotary fuel pump leaks		P.C.W.		X		KEITH 3
2004-10-14	CORRECTION - Prevent loosening or failure of the crankshaft gear retaining bolt		C.W.		X		KEITH 3
2005-19-11	Prevent failure of the crankshaft		PC.W.	X			KEITH 3
2006-20-09	To prevent failure of the crankshaft		P.C.W.	X			KEITH 3
2008-14-07	To prevent failure of the fuel injector fuel lines that would allow fuel to spray into the engine compartment		C.W.		X		KEITH 3
2009-02-03	To prevent a lean running engine		C.W.		X		KEITH 3



L. MAGNETO	6363	10030016	NEW
R. MAGNETO	6360	09052270	NEW

All other components re-installed and time continues.



GREELEY, CO
REPAIR STATION BX4R092M
(970) 353-9200

08-23-10 Hobbs 1048.80 N4167A sn 46-36254

Reinstalled Lycoming TIO-540-AE2A sn L-10407-61A as Q.E.C. assembly. Torqued mount as required. Routed and reconnected all lines, hoses, electrical, controls, and ducting. Replaced LH exhaust crossover pipe pn 40B1985 sn 1E613. Replaced exhaust crossover pipe pn 40B19974 sn 1E614. Assembled exhaust in accordance with Lycoming Service Bulletin No. 521. Installed new gaskets pn 06B19913, 75845. Torqued clamps per Service Bulletin 521 and Service Instruction 1238B. Test run engine and checked for leaks. All systems, temperatures, RPM's, and pressures normal.

This aircraft was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service.

LIMITED TO THE WORK PERFORMED

Pertinent details on file at Beegles Aircraft Service, Inc., Greeley, CO.

Work Order # 11,300

CRS# BX4R092M

Signed _____

A handwritten signature in blue ink is written over a horizontal line. The signature is cursive and appears to be "Tom V. [unclear]".

DATE: 12-18-10

HOBBS: 1048.80

MODEL: TIO-540-AE2A

SERIAL: L-10407-61A

N4167A

This engine was Repaired this date in accordance with Lycoming Parts Manual PC-315-7 and Overhaul Manual 60294-7 for sudden stoppage. Crankshaft Certified Mains and Rods Standard, see tag. Connecting Rods Overhauled / Certified, see release form. Internal Steel Inspected as required, see release form. Crankcase Inspected as required. Engine assembled with the following new parts; 2 each 18A19399STD Bearings; 6 each 18E23886STD Main Bearings; 12 each LW16143STD Rod Bearings; 12 each LW12596 Rod Bolts; 12 each LW12186 Rod Nuts; 1 each STD-2247 Crank Gear Bolt; Both Slick Magnetos inspected as required. Both Vacuum Pumps replaced as required, see release forms. Propeller Governor Inspected as required by RMAA, see release form. Serviced Engine with 12 quarts of Aeroshell 100W and one new CH481101-1 Oil Filter and was tested in accordance with Lycoming Overhaul Manual 60294-7 and is approved for return to service. For details concerning this Repair, please refer to WO#4108 on file at this Repair / Overhaul Facility. Maintenance Release Tags supplied with this Logbook Entry. ----- END -----

J. F. Folchert

~~A&P2689458~~
J.F. Folchert

FOR

Aircraft Cylinders & Engines, Inc.

625 Buss Avenue

Greeley, CO 80631



GREELEY, CO
REPAIR STATION BX4R092M
(970) 353-9200

01-31-11 Hobbs 1048.80 N4167A sn 46-36254

Reinstalled Lycoming TSIO-540-AE2A sn L-10407-61A after propeller strike inspection performed by Aircraft Cylinders and Engines, Joe Folchert A&P 2689458. Replaced engine lord mounts (4) pn J9613-53. Torqued and saftied as required. Routed and reconnected all lines, hoses, electrical, and controls. Reinstalled and reassembled per Lycoming Service Bulletin # 521. Replaced the following gaskets: (7) pn 77644, (2) pn 24096-225N, pn 24096-150N, and pn 78089. Replaced LH & RH tail pipes pn 40B21011 and 40B2295. Replaced tail pipe clamps pn 40D23255-340M in accordance with AD 2010-13-07 dated 07-28-10. Installed (2) tail pipe clamps pn NH1009399-10 and torqued as required. Serviced engine with Aeroshell 80 mineral oil. Pre-oiled, test run, and checked for leaks. All systems, temperatures, RPM's, and pressures normal.

This aircraft was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service.

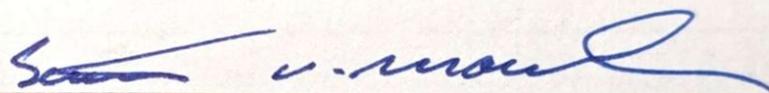
LIMITED TO THE WORK PERFORMED

Pertinent details on file at Beegles Aircraft Service, Inc., Greeley, CO.

Work Order # 11,411

CRS# BX4R092M

Signed



1 APR 2011 Hobbs 1069.4 qt oil + FILTER cut
open found minimal amt. of metal - SOAP Sample
Taken - Serviced 10 qts Aero Shell 15W50 - by
Rum bk ops ck. ~~C. J. Mooney~~ ADP 1920024

L&L Aviation, LLC

1740 Airport Way 36F

Broomfield, CO 80021

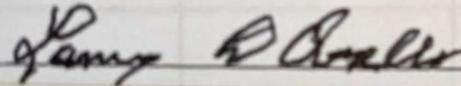
ENGINE LOG

Date: March 8, 2012
Acraft Reg: N4167A
Hobbs: 1146.4

ENGINE

Complied with an annual inspection using the Piper PA-46 350P inspection guide and FAR 43 App (D). A list of AD's may be found in the aircraft permanent records. Changed oil and filter, Servied with 15W50 Aeroshell oil and Chamion CH 48103-1 filter. Compressions: 1-77/80 2-76/80 3-78/80 4-78/80 5-74/80 6-78/80. Replaced missing hardware on cyl #1 valve cover. Ground run/Ops/Leak check are all satisfactory at this time. I certify that this Engine has been inspected IAW an Annual inspection and has been found to be in airworthy condition and is approved for return to service at this time.

Larry D. Qualls



A&P 2228865 IA

L&L Aviation, LLC

1740 Airport Way 36F

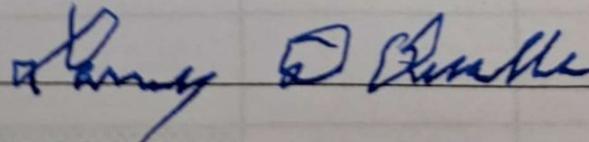
Broomfield, CO 80021

Date: May 30, 2012
Acraft Reg: N4167A
Hobbs: 1190.80

ENGINE

Changed oil and filter, Serviced with 20W50 Phillips X/C oil and Chamion CH 48103-1 filter. Ground run and leak check are satisfactory at this time.

Larry D. Qualls



A&P 2228865 IA

Total To Carry Forward



L&L Aviation, LLC

Date: August 28, 2012

1740 Airport Way 36F

Acft Reg: N4167A

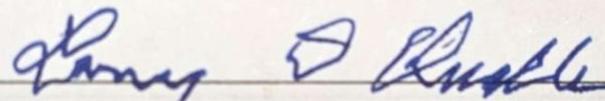
Hobbs: 1228.20

Broomfield, CO 80021

ENGINE

Changed oil and filter, Serviced with 15W50 Aeroshell oil and Chamion CH 48103-1 filter. Ground run and leak check are satisfactory at this time.

Larry D. Qualls



A&P 2228865 IA

L&L Aviation, LLC

Date: February 27, 2013

1740 Airport Way 36F

Acft Reg: N4167A

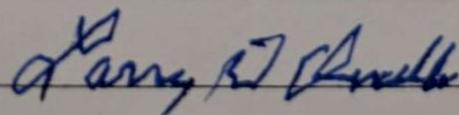
Flight Tach: 1247.9

Broomfield, CO 80021

ENGINE

Complied with an annual inspection using the Piper PA-46 350P inspection guide and FAR 43 App (D). A list of AD's may be found in the aircraft permanent records. Changed oil and filter, Servied with 15W50 Aeroshell oil and Chamion CH 48103-1 filter. Compressions: 1-76/80 2-78/80 3-78/80 4-78/80 5-78/80 6-78/80. Installed new lower vacuum pump p/n RA442CW-6EK. Inspect induction and exhaust system for leaks or other defects. installed new exhaust crossover heat sheild. Ground run/Ops/Leak check are all satisfactory at this time. I certify that this Engine has been inspected IAW an Annual inspection and has been found to be in airworthy condition and is approved for return to service at this time.

Larry D. Qualls



A&P 2228865 IA

L&L Aviation, LLC

Date: July 13, 2013

1740 Airport Way 36F

Acft Reg: N4167A

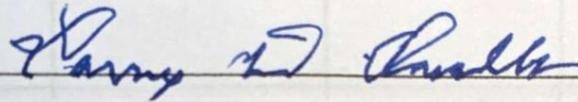
Flight Tach: 1284.20

Broomfield, CO 80021

ENGINE

Ground run/Operational check of engine. Removed cylinder #4 and sent for repair. Reinstalled cylinder after repair using new seals and gaskets as required. Changed oil and filter, Serviced with 15W50 Aeroshell oil and Chamion CH 48103-1 filter. Ground run and leak check are satisfactory at this time.

Larry D. Qualls



A&P 2228865 IA

L&L Aviation, LLC

Date: April 12, 2014

1740 Airport Way 36F

Acft Reg: N4167A

Hobbs: 1302.4

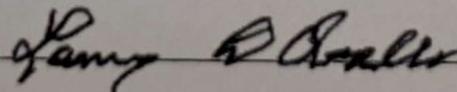
Broomfield, CO 80021

ENGINE

Complied with an annual inspection using the Piper PA-46 350P inspection guide and FAR 43 App (D). A list of AD's may be found in the aircraft permanent records. Changed oil and filter, Servied with 15W50 Aeroshell oil and Chamion CH 48103-1 filter. Compressions: 1-72/80 2-78/80 3-76/80 4-76/80 5-74/80 6-72/80. Adjuted Slope controler for proper manifold pressure. Inspect induction and exhaust system for leaks or other defects. Ground run/Ops/Leak check are all satisfactory at this time. I certify that this Engine has been inspected IAW an Annual inspection and has been found to be in airworthy condition and is approved for return to service at this time. -

Total To
Carry Forward

Larry D. Qualls



A&P 2228865 IA

L&L Aviation, LLC

1740 Airport Way 36E

Broomfield, CO 80021

Date: May 1, 2014

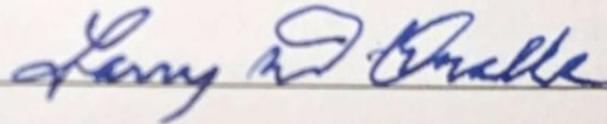
Acft Reg: N4167A

Hobbs: 1330.90

ENGINE

Changed oil and filter, Serviced with 15W50 Aeroshell oil and Chamion CH 48103-1 filter. Ground run and leak check are satisfactory at this time.

Larry D. Qualls



A&P 2228865 IA

L&L Aviation, LLC

1740 Airport Way 36E

Broomfield, CO 80021

Date: August 15, 2014

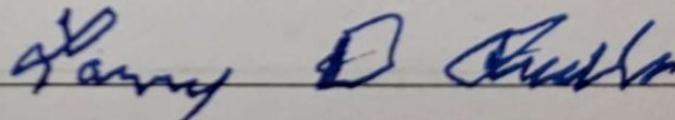
Acft Reg: N4167A

Hobbs: 1365.30

ENGINE

Changed oil and filter, Serviced with 15W50 Aeroshell oil and Chamion CH 48103-1 filter. Ground run and leak check are satisfactory at this time.

Larry D. Qualls



A&P 2228865 IA

L&L Aviation, LLC

1740 Airport Way 36E

Broomfield, CO 80021

Date: September 16, 2014
Acft Reg: N4167A
Hobbs: 1374.90

ENGINE LOG

ENGINE

Removed both left and right turbochargers and sent for repair. Reinstalled turbos after overhaul by Main turbo systems Inc. Pre oiled turbo by removing top spark plugs and motoring engine until oil pressure reached 25psi for one minute. Ground ran engine and leak checked.

Larry D. Qualls

A&P 2228865 IA

L&L Aviation, LLC

1740 Airport Way 36F

Broomfield, CO 80021

Date: November 10, 2014
Acft Reg: N4167A
Hobbs: 1382.00

ENGINE

Removed cylinders #5 and #6 and sent for repair. Reinstalled after repair using new seals and gaskets as required. Repaired stripped thread in cyl #4 for intercooler support. Installed new TIT probe on right exhaust. Ground ran and operational check satisfactory.

Larry D. Qualls

A&P 2228865 IA

L&L Aviation, LLC

1740 Airport Way 36F

Broomfield, CO 80021

Date: January 20, 2015

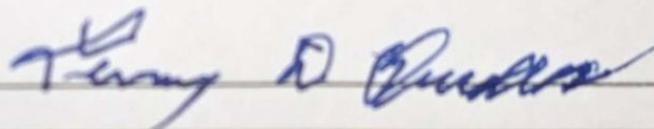
Acft Reg: N4167A

Hobbs: 1400.70

ENGINE

Changed oil and filter, Serviced with 15W50 Aeroshell oil and Chamion CH 48103-1 filter. Ground run and leak check are satisfactory at this time.

Larry D. Qualls



A&P 2228865 

L&L Aviation, LLC

1740 Airport Way 36F

Broomfield, CO 80021

Date: October 12, 2015

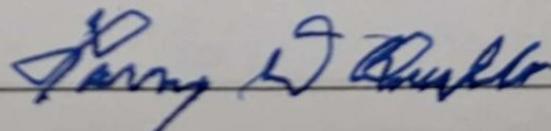
Acft Reg: N4167A

Hobbs: 1470.80

ENGINE

Changed oil and filter, Serviced with 15W50 Aeroshell oil and Chamion CH 48103-1 filter. Ground run and leak check are satisfactory at this time.

Larry D. Qualls



A&P 2228865 

L&L Aviation, LLC

1740 Airport Way 36F

Broomfield, CO 80021

Date: March 18, 2016
Acft Reg: N4167A
Hobbs: 1497.2

ENGINE LOG

Engine Time

Recorder

Date

Since Major

Reading

Maintenance

ENGINE

Complied with an annual inspection using the Piper PA-46 350P inspection guide and FAR 43 App (D). A list of AD's may be found in the aircraft permanent records. Changed oil and filter, Servied with 15W50 Aeroshell oil and Chamion CH 48103-1 filter. Compressions: 1-74/80 2-78/80 3-78/80 4-78/80 5-78/80 6-78/80. Inspect induction and exhaust system for leaks or other defects. No defects noted. Replaced missing hardware on left turbo support bracket. Ground run/Ops/Leak check are all satisfactory at this time. I certify that this Engine has been inspected IAW an Annual inspection and has been found to be in airworthy condition and is approved for return to service at this time.

Larry D. Qualls *Larry D Qualls* A&P 2228865 IA

L&L Aviation, LLC

1740 Airport Way 36F

Broomfield, CO 80021

Date: June 24, 2016
Acft Reg: N4167A
Hobbs: 1521.20

~~AIRFRAME~~
ENGINE

Changed oil and filter, Serviced with 15W50 Aeroshell oil and Chamion CH 48103-1 filter. Ground run and leak check are satisfactory at this time.

Larry D. Qualls *Larry D Qualls* A&P 2228865 IA

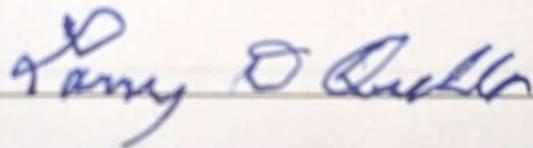
L&L Aviation, LLC
1740 Airport Way 36F
Broomfield, CO 80021

Date: September 30, 2016
Acft Reg: N4167A
Hobbs: 0
Aircraft TT: 1541.4

ENGINE

Changed oil and filter, Serviced with 15W50 Aeroshell oil and Chamion CH 48103-1 filter. Complied with Lycoming SI 1492B by inspecting filter an sump screen. No adverse problems found. Ground run and leak check are satisfactory at this time.

Larry D. Qualls



A&P 2228865 

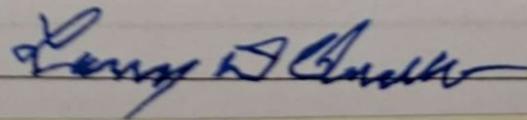
L&L Aviation, LLC
1740 Airport Way 36F
Broomfield, CO 80021

Date: March 17, 2017
Acft Reg: N4167A
Hobbs: 19.9
Aircraft TT: 1561.3

ENGINE

Complied with an annual inspection using the Piper PA-46 350P inspection guide and FAR 43 App (D). A list of AD's may be found in the aircraft permanent records. Changed oil and filter, Servied with 15W50 Aeroshell oil and Chamion CH 48103-1 filter. Compressions: 1-32/80 2-78/80 3-78/80 4-78/80 5-78/80 6-78/80. Removed cylinder 1 and sent for repair. Reinstalled after repair by Aircraft Cylinders and Engines with new seals/gaskets as needed. Inspect induction and exhaust system for leaks or other defects. No defects noted. Ground run/Ops/Leak check are all satisfactory at this time. I certify that this Engine has been inspected IAW an Annual inspection and has been found to be in airworthy condition and is approved for return to service at this time.

Larry D. Qualls



A&P 2228865 IA

L&L Aviation, LLC

1740 Airport Way 36F

Broomfield, CO 80021

ENGINE LOG

Date: September 25, 2017
Acft Reg: N4167A
Hobbs: 73.00

ENGINE

Changed oil and filter, Serviced with 15W50 Aeroshell oil and Chamion CH 48103-1 filter. Perfomed compression check on all cylinders and found in mid to upper 70s/80. Ground run and leak check are satisfactory at this time.

Larry D. Qualls Larry D Qualls A&P 2228865

L&L Aviation, LLC

1740 Airport Way 36F

Broomfield, CO 80021

Date: February 14, 2018
Acft Reg: N4167A
Hobbs: 78.30

ENGINE

Removed all cylinders and associated parts for top end and sent for repair. Re-installed cylinders using new seals and gaskets. Installed new upper deck reference hoses on injector nozzles and cross over tube. Installed new ignition harness for left and right mag p/n KA16044. Changed oil and filter. serviced engine with Phillips type M 20W50 oil and Ch48103-1 filter. Ground ran and operational checked.

Larry D. Qualls Larry D Qualls A&P 2228865

L&L Aviation, LLC
1740 Airport Way 36F
Broomfield, CO 80021

Date: April 24, 2018
Acft Reg: N4167A
Hobbs: 84.3
Aircraft TT: 1625.7

ENGINE

Complied with an annual inspection using the Piper PA-46 350P inspection guide and FAR 43 App (D). A list of AD's may be found in the aircraft permanent records. Changed oil and filter, Servied with 15W50 Aeroshell oil and Chamion CH 48103-1 filter. Compressions: 1-78/80 2-77/80 3-78/80 4-76/80 5-78/80 6-78/80. Installed new spark plugs p/n URHB36S. Replaced cylinders #1 and #5 intake valve push rods with shorter p/n 15F19957-56. Inspect induction and exhaust system for leaks or other defects. No defects noted. Ground run/Øps/Leak check are all satisfactory at this time. I certify that this Engine has been inspected IAW an Annual inspection and has been found to be in airworthy condition and is approved for return to service at this time.

Larry D. Qualls *Larry D Qualls*

A&P 2228865 IA

L&L Aviation, LLC

Date: August 8, 2018

1740 Airport Way 36F

Acft Reg: N4167A

Broomfield, CO 80021

Hobbs 127.30

ENGINE

Changed oil and filter, Serviced with 20W50 Phillips X/C oil and Chamion CH 48103-1 filter. Ground run and leak check are satisfactory at this time. Installe new CHT probe on cylinder #4. Tightened left turbocharger oil return hose

Larry D. Qualls *Larry D Qualls*

A&P 2228865

L&L Aviation, LLC

ENGINE LOG

Date: August 20, 2018
Acft Reg: N4167A
Hobbs: 144.70

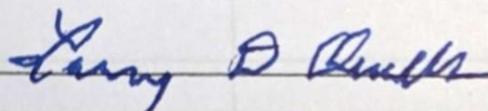
1740 Airport Way 36F

Broomfield, CO 80021

ENGINE

Removed cylinder #5 for inspection of intake valve, replaced valve. Installed new #5 intake valve lifter assembly and reinstalled cylinder with new gaskets. Ground ran and functionally tested.

Larry D. Qualls



A&P 2228865 IA

L&L Aviation, LLC

Date: November 5, 2018
Acft Reg: N4167A
Hobbs: 155.10

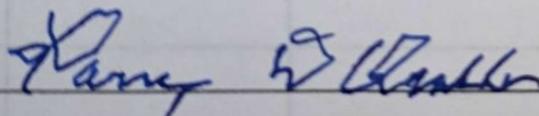
1740 Airport Way 36F

Broomfield, CO 80021

ENGINE

Changed oil and filter, Serviced with 20W50 Phillips X/C oil and Chamion CH 48103-1 filter. Remove inter coolers, rocker covers, roker arms, push rods, shrouds and installed new lifter valve assemblies P/N 78290. Reinstall all components. Run up functional and leak checks satisfactory.

Larry D. Qualls



A&P 2228865 IA

Total To
Carry Forward



L&L Aviation, LLC

1740 Airport Way 36F

Broomfield, CO 80021

Date: April 15, 2019

Acft Reg: N4167A

Hobbs: 162.5

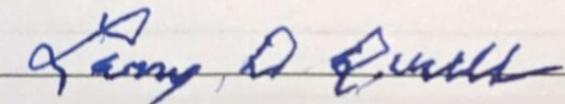
Signature

Certificate

ENGINE

Complied with an annual inspection using the Piper PA-46 350P inspection guide and FAR 43 App (D). A list of AD's may be found in the aircraft permanent records. Changed oil and filter, Serviced with 20W50 Phillips X/C oil and Chamion CH 48103-1 filter. Compressions: 1-78/80 2-76/80 3-78/80 4-78/80 5-78/80 6-78/80. Removed spark plugs and cleaned, tested. Inspect induction and exhaust system for leaks or other defects. No defects noted. Ground run/Ops/Leak check are all satisfactory at this time. I certify that this Engine has been inspected IAW an Annual inspection and has been found to be in airworthy condition and is approved for return to service at this time.

Larry D. Qualls



A&P 2228865 IA

L&L Aviation, LLC

1740 Airport Way 36F

Broomfield, CO 80021

Date: July 31, 2019

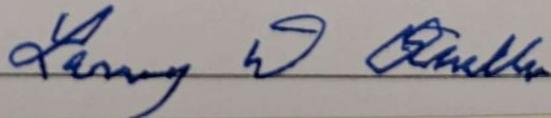
Acft Reg: N4167A

Hobbs: 199.10

ENGINE

Changed oil and filter, Serviced with 20W50 Phillips X/C oil and Tempest AA 48103-2 filter. Ground run and leak check are satisfactory at this time.

Larry D. Qualls



A&P 2228865

L&L Aviation, LLC

1740 Airport Way 36F

Broomfield, CO 80021

Date: November 15, 2019
Acft Reg: N4167A
Hobbs: 216.70

ENGINE

Changed oil and filter, Serviced with 20W50 Phillips X/C oil and Chamion CH 48103-1 filter. Removed and replaced all spark plugs with new plugs. Ground run and leak check are satisfactory at this time.

Larry D. Qualls

A&P 2228865

L&L Aviation, LLC

1740 Airport Way 36F

Broomfield, CO 80021

Date: July 21, 2020
Acft Reg: N4167A
Flight Tach: 216.7
Hobbs: 1758.1

ENGINE

Complied with an annual inspection using the Piper PA-46 350P inspection guide and FAR 43 App (D). A list of AD's may be found in the aircraft permanent records. Changed oil and filter, Serviced with 20W50 Phillips X/C oil and Chamion CH 48103-1 filter. Compressions: 1-78/80 2-78/80 3-78/80 4-78/80 5-78/80 6-78/80. Removed spark plugs and cleaned, tested. Removed exhaust system and sent for repair. Re installed after repair using new Gaskets p/n 75845 (V-band coupling), 06B19913 (V-band coupling), 06-02103 (turbo charger), 77611 (flange). Removed both left and right magneto and installed new overhauled magnetos p/n 6360 s/n 05091627, p/n 6363 s/n 05011736. Ground run/Ops/Leak check are all satisfactory at this time. I certify that this Engine has been inspected IAW an Annual inspection and has been found to be in airworthy condition and is approved for return to service at this time.

Larry D. Qualls

A&P 2228865 IA

L&L Aviation, LLC

1740 Airport Way 36F

Broomfield, CO 80021

Date: April 8, 2021

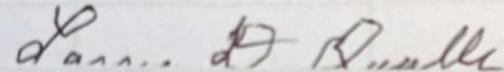
Acft Reg: N4167A

Flight Tach: 256.4

Hobbs: 1797.8

ENGINE

Complied with an annual inspection using the Piper PA-46 350P inspection guide and FAR 43 App (D). A list of AD's may be found in the aircraft permanent records. Changed oil and filter, Serviced with 20W50 Phillips X/C oil and Chamion CH 48103-1 filter. Compressions: 1-78/80 2-78/80 3-78/80 4-78/80 5-76/80 6-78/80. Removed spark plugs and cleaned, tested. Inspected induction and exhaust systems for leaks or defects, no problems found. Ground run/Ops/Leak check are all satisfactory at this time. I certify that this Engine has been inspected IAW an Annual inspection and has been found to be in airworthy condition and is approved for return to service at this time.

Larry D. Qualls 

A&P 2228865 IA

L&L Aviation, LLC

1740 Airport Way 36F

Broomfield, CO 80021

Date: April 8, 2021

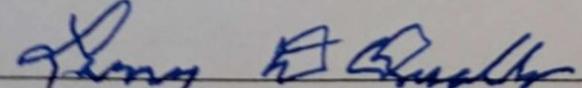
Acft Reg: N4167A

Flight Tach: 256.4

Hobbs: 1797.8

ENGINE

Complied with an annual inspection using the Piper PA-46 350P inspection guide and FAR 43 App (D). A list of AD's may be found in the aircraft permanent records. Changed oil and filter, Serviced with 20W50 Phillips X/C oil and Chamion CH 48103-1 filter. Compressions: 1-78/80 2-78/80 3-78/80 4-78/80 5-76/80 6-78/80. Removed spark plugs and cleaned, tested. Inspected induction and exhaust systems for leaks or defects, no problems found. Ground run/Ops/Leak check are all satisfactory at this time. I certify that this Engine has been inspected IAW an Annual inspection and has been found to be in airworthy condition and is approved for return to service at this time.

Larry D. Qualls 

A&P 2228865 IA

The logo for Rocky Mountain Aircraft Services (RAS) features the letters 'RAS' in a bold, white, sans-serif font. The letters are set against a dark, textured rectangular background. A stylized orange flame or wing-like graphic is positioned behind the 'A', extending upwards and outwards.

Rocky Mountain Aircraft Services · 11750 Airport Way HNGR B12A · Broomfield, CO 80021 · (303) 404-9606

N4167A

Hobbs: 388.8

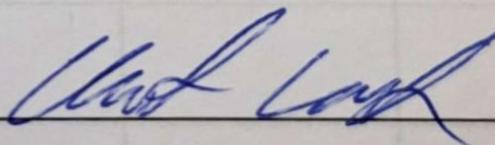
LYCOMING, TI0-540 SER, S/N: ENGINE SN TBD**June 02, 2025**

Performed an Annual inspection in accordance with FAR 43 App(D) and Piper checklist. Drained oil and serviced sump with 7 QTS of Phillips X/C 20W-50 oil. Removed oil filter and cut for inspection. No defects noted at this time. Installed, torqued, and safetied new oil filter P/N: 48103. Compressions as follows: #1-62, #2-73, #3-72, #4-73, #5-78, #6-76 all over 80psi. Inspected fuel/oil screens as required. Removed, cleaned, gapped, and tested sparkplugs. Reinstalled and torqued sparkplugs with new gaskets P/N: M674 QTY: 8. Removed cylinder #4 pushrod tubes and installed new seals. Installed new induction gaskets P/N 71973 on cylinders 1,3,4,6. Checked magneto to engine timing. Removed fuel injectors and cleaned. Re installed fuel injectors with new o-rings/seals P/N 951391. C/W AD 15-19-07 Fuel injector lines by inspection IAW Lycoming Engines Mandatory Service Bulletin (MSB) No. 342G, no defects noted at this time. Next due Hobbs:498.8. Ground run/Operational/Leak check satisfactory at this time. I certify that this Engine has been inspected IAW an Annual inspection and a list of discrepancies dated 06/02/2025 has been provided to the owner. —End—

Inspected and verified that all AD's are current and complied with on the Engine. Inspected engine including a ground run, operational and leak check and found no defects preventing a safe one-time ferry flight for N4167A from KBJC the KGXY.

Details of work performed are on file with Rocky Mountain Aircraft Services under work order: WO_250201_N4167A.

Clint Cook A&P/IA 3574567

A handwritten signature in blue ink, appearing to read 'Clint Cook', is written over a horizontal line.

SERVICEABLE

Mfgr. Name airesearch Part No. 466642-9005
Part Name turbocharger Serial VF-L0103

The aircraft component identified above was completely overhauled in accordance with the manufacturer's specifications and with the current Regulations of the Federal Aviation Administration and is approved for return to service.

Pertinent details of the repair are on file at this repair station under

Work Order No. 29740
Date 1-13-04 Signed Dan Man

(Signature of Authorized Individual)

MAIN TURBO SYSTEMS, INC.

234 Cotta Ct. • Visalia, CA 93292

Phone (559) 635-3322 • Repair Station #MAMR190K • FAX (559) 627-1960