

TP 14182E

## **Engine Logbook**



Aero Recip (Canada) Ltd. 540 Marjorie Street, Winnipeg, Manitoba R3H 0S9 Telephone (204) 788-4765 Toll Free: 1-800-561-5544 Fax (204) 786-2775 T.C. AMO No. 45-89 Aero Recip Alaska LLC 4451 B Aircraft Dr. Anchorage, AK 99502 Telephone: (907) 243-3133 Toll Free: 1-888-995-3133 Fax (907) 248-6119 FAA Certified Repair Station No. 030R370Y



Volume #:
Opened on:

#### **ENGINE DETAILS**

1. Manufacturer LYCOMING	NIOGB RIH ENGINE
2. Type/Model/Series <u>LT10 · 540 · F2BD</u>	
3 Social Number RL-710-108A	

Details of task Time since Total cycles Time since Date overhaul new \_ \_ / \_ - / - -This engine overhauled as per Overhaul Manual P/N 60294-7-11 revised September 2007. Full details held on Work Order No. 0801127. The maintenance described has been performed in accordance with the applicable standards of airworthiness. All accessories are either new or overhauled. Refer to enclosed form ARC 18B for applicable accessory part numbers and serial numbers. Engine sprayed internally with type II corrosion inhibitor. Authorized Signature: Model No.: LTIO-540-F2BD Aero Recip (Canada) Ltd. Serial No.: RL-710-68A 540 Marjorie Street TTSN: 7914.4 hrs; TSO: 0.0 hrs. Winnipeg, Manitoba R3H 0S9 Crankshaft Serial No.: V2620 AMO 45-89 Make Lycoming Date 5-27-2008 29% Helicopter Model LTIO-540-F2BD N # 10QB S/N RL-710-68A Weechcraft 800.932.8924 Ph.701.258.5024 TTSN 7914.4 TSO 0 Hobbs 1639 ACTT 7580 Fax 701,258,2693 www.executive-air.com Installed engine on N10QB new shock mounts ,bolts ,keepers and safeties 5-15-008 11 quarts 15/w/50 oil CW SB PRS-107 servo-plug torque due each 50 Hrs or oil change Test Run OK The aircraft, and/or component identified above was inspected and/or repaired 4AW Current FAR's and is found to be in an airworthy condition, with respect to the work performed and is approved for return to service. Executive Air Taxi Corp. Maintenance Release - Repair Station CTYR019D Details are on file on WO# 21648 Date 5-15-2008 Make Continental 6-9-2008 2911 Helicopter Model LTIO-540-F2BD a YaxiCorpotation Munkipal Aliport, Blancock, ND N# 10QB S/N RL-710-68A Ph.701.258.5024 800.932.8924 **Weechcraft** Fax 701.258,2693 Hobbs 1640.4 www.executive-air.com Installed New Hydro Pump PN 1212HBG333 S/N OA4-0017 leak and Ops Ck good papaired IAMACurrent FAR's and is found to be in an airworthy condition, with respect to the work performed and is The aircraft, and/or component identified above was inspected and/or Executive Air Taxi Corp. Maintenance Release - Repair Station CTYR019D Details are on file on WO# 21812 Date 6-9-2008Signatur Make Lycoming Date 6/30/08 32! Helicopter Model LTIO-540-F2BD rexicorporation Munkipa Alaport, Elamanch, MD N# 10QB S/N RL-710-68 A Weechcraft. Ph.701.258.5024 800.932.8924 Hobbs 1650.7, 7926.1 RH eng TT, 11.7 SMOH Fax 701.258.2693 C/W Lycoming Service Instruction 1519 on Precision SIL RS-87, by replacing fuel servo regulator plug gasket with new p/n gasket, torqued & safety-wired per SIL. AD 2008-08-14, effective 4/29/08 The alrcraft, and/or component identified above was inspected and/or repaired IAW Current FAR's and is found to be in an airworthy condition, with respect to the work performed and is no longer applies by gasket p/n. Details are on file on WO# 21847 Date 6/30/2008 Signature Mark McCann Executive Air Taxi Corp. Maintenance Release - Repair Station CTYR019D



Munkipa Airport, Elements, ND

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Date 8/6/08

Make Lycoming

Э

Model LTIO-540-F2BD

S/N RL-710-68A

N # 10QB

Hobbs 1692.1, 7967.5 RH eng TT, 53.1 SMOH,

Changed oil & filter, refilled with Aeroshell 15W-50 oil. Ground run & leak check ok.

This aircraft and/or component identified above was inspected and/or repaired IAW current FAR's and I certify it to be in an airworthy condition, and is approved for return to service, with respect to the work performed.

Details are on file on WO# 21916 Date 8/6/08 Signature

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Date 9/16/08

Make Lycoming

Model LTIO-540-F2BD

S/N RL-710-61A

N # 10QB

1730.5 Hobbs 1684.0 LH eng TT 91.5 SMOH

Changed oil & filter, checked suction screen & filter element for contaminants. Refilled with Aeroshell 15W-50 oil. Washed engine. Checked timing, cleaned, gapped, tested, & rotated spark plugs. Compression: RH:#1-77/80, #2-78/80, #3-78/80, #4-77/80, #5-68/80, #6-72/80, C/W AD 2008-14-07 effective 8/14/08, by inspecting fuel injector line installation. Due again at 8105.9 RH eng TT. Engine ground run & leak checked ok. This engine has been inspected in accordance with a 100 hour inspection, and is considered to be in an airworthy condition.

This aircraft and/or component identified above was inspected and/or repaired IAW current FAR's and I certify it to be in an einworthy condition, and is approved for return to service, with respect to the work performed.

Details are on file on WO# 21976 Date 9/16/08 Signature # Www.

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Date 10/23/08

Make Lycoming

Model LTIO-540-F2BD

S/N RL-710-68A

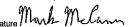
N # 10QB

1783.5 Hobbs 8058.9 RH eng TT 144.5 SMOH

Changed oil & filter, refilled with Aeroshell 15W-50 oil. Ground run & leak check ok,

This aircraft and/or component identified above was inspected and/or repaired IAW current FAR's and I certify it to be in an airworthy condition, and is approved for return to service, with

Details are on file on WO# 22031 Date 10/23/08 Signature



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Fax 701.258.2693

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Date 12/5/08

Make Lycoming

Model LTIO-540-F2BD

S/N RL-710-61A

N #10QB

1825.4 Hobbs 8100.8 RH Eng TT 186.4 SMOH

Changed oil & filters, checked suction screens & filter elements for contaminants. Checked timing, cleaned, gapped, tested, & rotated spark plugs. Cleaned fuel screens. Lubed wastegate. Compression: #1-77/80, #2-75/80, #3-76/80, #4-77/80, #5-77/80, #6-77/80. C/W AD 2008-14-07 on fuel injector line clamping, effective 8/14/08, by inspection. Due again at 8200.8 TT. Ground operations checked ok. This engine has been inspected in accordance with a 100-hour inspection, & is considered to be in an airworthy condition.

This alrest and/or component identified above was inspected and/or repaired IAW current FAR's and I certify it to be in an airworthy condition, and is approved for return to service, with respect to the work performed.

Details are on file on WO# 22078 Date 12/5/08 Signature

Executive Air Taxi Corp. Maintenance Release - Repair Station CTYR019D

Details of task Time since Total cycles Time since Date overhaul new Make Lycoming Date 4-9-2009 60% Helicopter Model LTIO-540-F2BD TaxiCorporation Muricipus Abpost, Bismarck, ND N #10QB S/N RL-710-61A **Reechcraft** Ph.701.258.5024 800.932.8924 Hobbs 1872.3 RH Eng TT 8147.7 SMOH 233.3 Fax 701.258.2693 Changed oil and filter, serviced with 12 qts of Aeroshell 15W50 oil, ground run and leak checks ok. This aircraft and/or component identified above was inspected and/or repaired IAW current FAR's and I certify it to be in an airworthy condition, and is approved for return to service, with Executive Air Taxi Corp. Maintenance Release -- Repair Station CTYR019D respect to the work performed. Details are on file on WO# 22235 Date 4-9-2009 Signature Make Lycoming Date 7/8/09 Model LTIO-540-F2BD 69‼ Helicopter TaxiCorporation N#10QB S/N RL-710-68A 1923.6 Hobbs 8199.0 RH eng TT 284.6 SMOH Weechcraft 800.932.8924 Ph.701.258.5024 Changed oil & filter, checked element & suction screen for contaminants. Refilled with Aeroshell 15W-50 oil. Washed engine. Compression: #1-79/80, #2-78/80, #3-77/80, #4-78/80, #5-76/80, #6-77/80. Removed magneto, complied with 500 hour inspection items. Reassembled with new points, felts, carbon brush, & RH ceil. Reinstalled magneto, & timed to engine. Cleaned, gapped, tested, & rotated spark plugs. Ground operation & leak check ok. This engine has been inspected in accordance with a 100 hour inspection, and is considered to be in an airworthy condition. This aircraft and/or component identified above was inspected and/or repaired IAW current FAR's and I certify it to be in an airworthy condition, and is approved for return to service, with respect to the work performed. Details are on file on WO# 22370 Date 7/8/09 Signature Make Lycoming Date 9/16/09 Model LTIO-540-F2BD 88ii Helicopter TaxiCorperation N #10QB S/N RL-710-68A Municipal Airport, Bismarck, NO 1976.3 Hobbs 8251.7 RH eng TT 337.3 SMOH **Weechcraf** Ph.701.258.5024 800.932.8924 Changed oil & filter. Refilled with Aeroshell 15W-50 oil. Washed engine. C/W AD 2008-14-07, on fuel Fax 701.258.2693 injector line clamping, effective 8/14/08, by inspection. Due for reinspection in 100 hours, at 8017.3 www.executive-air.com Airframe TT, or when work is performed, affecting lines or clamps. Engines ground run & leak This aircraft and/or component identified above was inspected and/or repaired IAW current FAR's and I certify it to be in an airworthy condition, and is approved for return to service, with respect to the work performed. checked ok. Executive Air Taxl Corp. Maintenance Release - Repair Station CTYR019D respect to the work performed. Details are on file on WO# 22462 Date 9/16/09 Signature Make Lycoming Date 11-18-2009 Model LTIO-540-F2BD SS!! Helicopter i TaxiCorporation N # 10QB S/N RL-710-68A Churchel Asport, Signerch, ND Hobbs 2019.9 LH eng TT 8295.3 SMOH 380.9 Ph.701.258.5024 800.932.8924 4.Jeechcrafi Complied with a 100 hr inspection. Changed engine oil and filter, serviced with 11qts of Phillips 15W50.

This aircraft and/or component identified above was inspected and/or repaired IAW current FAR's and I certify it to be in an airworthy condition, and is approved for return to service, with

Details are on file on WO# 22540 Date 11-18-2009 Signature Denot What States

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Fax 701.258.2693

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80% нelicopter





Date 12/4/09

Make Lycoming

Model LTIO-540-F2BD

S/N RL-710-68A

N #100B

2033.8 Hobbs 8309.2 RH eng TT 394.8 SMOH

Replaced RH crankshaft seal IAW Lycoming S.I. 1324C. Cleaned sludge from crankshaft, & replaced: propeller o-ring on reassembly. Engine ground run & leak checked ok.

This aircraft and/or component identified above was inspected and/or repaired IAW current FAR's and I cartify it to be in an airworthy condition, and is approved for return to service, with respect to the work performed.

Details are on file on WO# 22566 Date 12/4/09 Signature

Executive Air Taxi Corp. Maintenance Release - Repair Station CTYR019D





%eechcraft

Date 3-29-2010

Model LTIO-540-F2BD

Make lycoming

884 Helicopter

S/N RL-710-68A

N # 10QB

Ph.701.258.5024 800.932.8924 Fax 701.258.2693 www.executive-air.com

Hobbs 2065.3 RH eng TT 8340.7 SMOH 426.3

Change oil and filter, serviced with 12 Qts of Aeroshell 15W50 oil, ground run and leak checks good. Complied with AD 2008-14-07 by inspecting fuel injector lines, no defects noted, due each 100hrs, due again at 8106.3

. . This aircraft and/or component identified above was inspected and/or repaired IAW current FAR's and I certify it to be in an airworthy condition, and is approved for return to service, with respect to the work performed.

Details are on file on WO# 22683 Date3-29-2010

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58% Helicopter



Date 6-16-2010

Make Lycoming

Model LTIO-540-F2BD

N#10QB S/N RL-710-68A

Hobbs 2112.5 RH eng TT 8387.9 SMOH 473.5

Complied with 100hr inspection IAW inspection check list. Changed oil and filter, serviced with 12qts of Aeroshell 15W50. Ground run and leak checks good.

This aircraft and/or component identified above was inspected and/or repaired IAW current FAR's and I certify it to be in an airworthy condition, and is approved for return to service, with

Details are on file on WO# 22765 Date 6-16-2010



Executive Air Taxi Corp. Maintenance Release - Repair Station CTYR019D



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Date 08/21/2010

Make Lycoming

Model LTIO-540-F2BD

S/N RL-710-68A

N# 10QB

Hobbs 2141.6 RH Eng TT 8417.0 SMOH 502.6

Replaced garlok seal on vacuum pump shaft as per Lycoming MM. Leak checks good on the ground. Replaced #6 cylinder tanis heater probe.

This aircraft and/or component identified above was inspected and/or repaired IAW current FAR's and I certify it to be in an airworthy condition, and is approved for return to service, with respect to the work performed.

Details are on file on WO# 22835

Date0821/2010

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Municipal Airport, Bismarch, ND

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Model TIO-540-F2BD

Date09/10/2010

Make Lycoming

N# 10QB S/N RL-710-68A

2161.3 Hobbs 8436.7 RH eng TT 522.3 SMOH

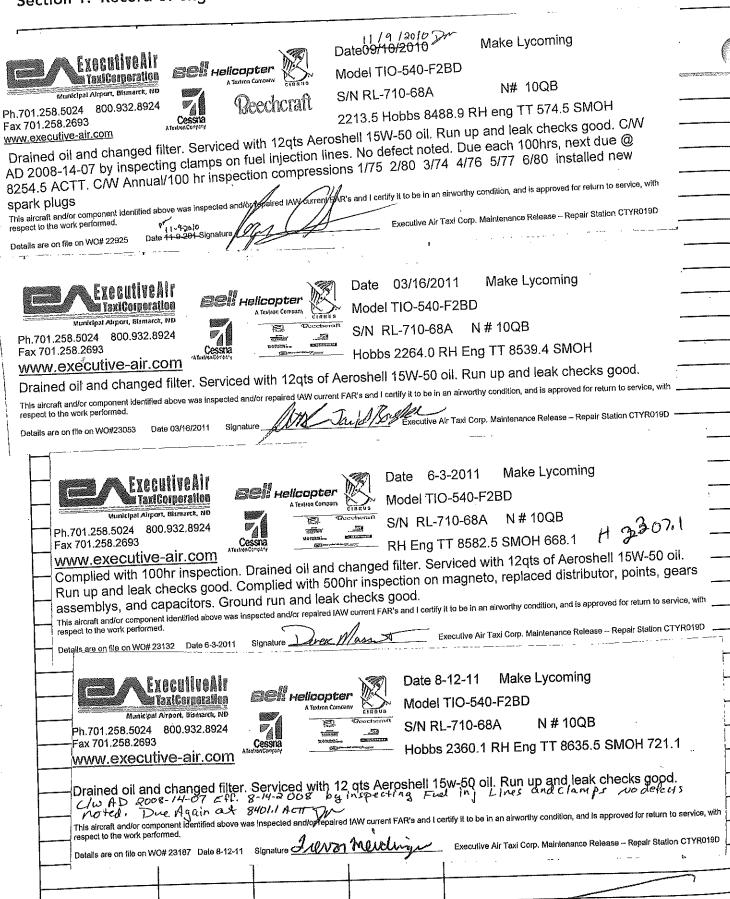
Drained oil and changed filter. Serviced with 12qts Aeroshell 15W-50 oil. Run up and leak checks good. C/W D 2008-14-07 by inspecting clamps on fuel injection lines. No defect noted. Due each 100hrs, next due @ 202.3 ACTT.

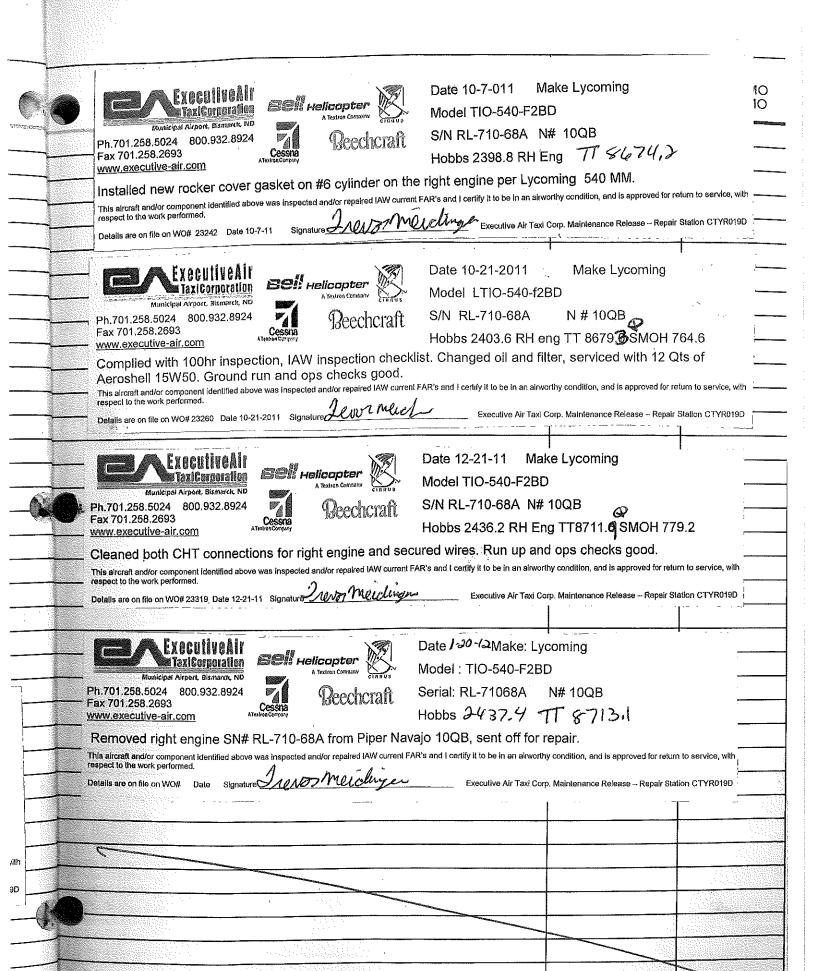
This sincraft and/or component identified above was inspected and/or repaired IAW current FAR's and I certify it to be in an airworthy condition, and is approved for return to service, with respect to the work performed.

Details are on file on WO# 22872

Date 09/10/2010

culive Air Taxi Corp. Maintenance Release – Repair Station CTYR019D





Date //	Time since new	Time since overhaul	Total cycles	Details of task	<u>(</u>
2010. Full deta accordance w lines inspecte 500 hour inspecti Engine spray	paired due to gove ails held on Work ith the applicable ed and clamped) on. ed internally with	order No. 1201 standards of ai complied with.	rworthiness. Air Magneto P/N 1 sion inhibitor.  Authorize Aero Rec	Overhaul Manual P/N 60294-7-13 revised O nance described has been performed in worthiness Directive 2012-03-06 (fuel inj 0-682910-18 S/N J299704GR was submit of Signatures R. Kancoraco R. Lancoraco Red Signatures R. Kancoraco Red Signatures R. Kancoraco Red Signatures R. Kancoraco Red Signatures R. Kancoraco Red Signatures Red Signatu	ection
TTSN: 8695.	8 hrs; <b>TSO:</b> 780 erial No.: V2620	),4 hrs.	540 Marj Winnipeg AMO 45-	orie Street z, Manitoba R3H 0S9 39 (canada) LTD.	
Fax 70 www.e	111	Cessna Anumacoon	Beechcraft get current gover	Date 2-23-12 Make Lycoming  Model LTIO-540-F2BD  S/N RL-710-68A N# 10QB  Hobbs 2437.4 8695.8 Actt  nor to work. Swapped inop  uled governor SN# E903T. Prop	
didn't Remo for re AERO 12Qt: checl	come out of feath oved right engine pair. Reinstalled e D RECIP. (for deta s Phillips 20w-50 I ks good. All work	ner. After more to SN# RL-710-68 engine SN# RL- ails of repair, se mineral oil and redone IAW Piper	A from Piper Nav 710-68Aon right: e AERO RECIP vigged and check PA31-325 Maint	rajo 10QB, sent to AERO RECIP side of 10QB after repair by M/O# 1201098). Serviced with ed controls. Run up and leak enance and Service Manual.  AR's and I certify it to be in an airworthy condition, and is	
Details a	ret and/or component defining for return to service, with restree on file on WO#23326 Date Taxicon	i Pai	elicopter	Taxi Corp. Maintenance Release Repair Station CTYR019D  Date 2-24-12 Make Lycoming  Model LTIO-540-F2BD	
Fax www	Municipal Airpoit, Bis 01.258.5024 800.93 701.258.2693 .executive-air.com	2.8924 Cessna ATELINATION OF THE PROPERTY OF T	Recharant Stranger A Texture Company Stranger St	S/N RL-710-68A N#10QB Hobbs 2438.5 F &7 14, 2  Shrink around terminal. Serviced	
hyd con	raulic reservoir to aplete turn on righ at engine. All work	tuli mark with out on the state of the state	ted prop governo or PA31-325 M.M d and/or repaired IAW curre	djusted oil pressure down 1 r RPM screw 1 ½ turns down on Ops checks good.  ht FAR's and I certify if to be in an airworthy condition, and is	
This a	ircraft and/or component rue yed for return to service, with is are on file on WO#23383	respect to the work-perfor	mea,	Air Taxi Corp. Maintenance Release Repair Station CTYR019D	







Date 4-5-12 Make Lycoming

Model LTIO-540-F2BD

S/N RL-710-68A N# 10QB Hobbs 2451,4 RH TT 8727.1

SMOH 794.4

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1 a

Drained old oil and changed filter on right engine. Serviced with 12 Qts 15w-50 Aeroshell engine oil. Removed prop and installed new A/C compressor belt on right engine. Installed new o-ring in prop hub and reinstalled prop. Torqued prop studs and safety wired. Replaced nutplate on right engine spinner bulkhead. All work done IAW Piper PA31-325 Service Manual. Run up and leak checks good.

This aircraft and/or component identified above was inspected and/or repaired IAW current FAR's and I certify it to be in an airworthy condition, and is

This aircraft and/or component retrained above to the work performed approved for return to service, with respect to the work performed.

Details are on file on WO#23406 Date4-5-12 Signature

Executive Air Taxi Corp. Maintenance Release - Repair Station CTYR019D



Helicopter



Date 8-1-12

Make Piper

Model PA31-325

S/N 31-7812065

N # 10QB

Hobbs 2490.4



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Removed cracked prop spinner on right engine. Installed spinner repaired by ASEI Inc. on right engine.(Reference spinner repair on ASEI Inc. W/O # 7416).

This aircraft and/or component identified above was inspected and/or repaired IAW current FAR's and I certify it to be in an airworthy condition, and is approved for return to service, with

Details are on file on WO# 23524 Date8-1-12 Signature

Executive Air Taxi Corp, Maintenance Release - Repair Station CTYR019D



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Date 08/31/2012

Make Lycoming

Model TiIO-540-F2BD

S/N RL-710-68A

N # 10QB

Hobbs 2501.0

Complied with AD 2008-14-07 by visually inspecting injector lines and clamps on RH engine. No defects noted. Due again at 8542.1 ACTT. . Serviced with 12 qts Phillips 20W50 engine oil. Run up and leak checks good. Cleaned, gapped and rotated spark plugs on right engine, Compressions #1.80/80 #2, 79/80 #3,79/80 #4. 80/80 #5, 80/80 #6, 80/80.

This aircraft and/or component identified above was inspected and/or repaired IAW current FAR's and I certify it to be in an airworthy condition, and is approved for return to service, with

Delails are on file on WO#23560 Date 08/31/2012 Signature

Executive Air Taxi Corp. Maintenance Release - Repair Station CTYR019D



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221 Helicopter



Date 09/17/2012

Make Lycoming

Model TIIO-540-F2BD

S/N RL-710-68A

N # 100B

Hobbs 2506.2

Complied with 30 day fire extinguisher inspection on 09/14/12. Troubleshot RH engine EGT. Can not duplicate problem on the ground, Removed RH engine starter S/N H110748. Installed starter S/N H-M082438. Run up and ops checks good.

This eircraft and/or component identified above was inspected and/or repaired IAW current FAR's and I certify it to be in an airworthy condition, and is approved for return to service, with

Date -//	Time since new	Time since overhaul	Total cycles		Details of task	( ) <sub>1</sub> (*)
	veculiveAir .	8.8		JJ 2 1 1 =	lake Lycoming	
	I TaxiColporation	Helicopter A Textron Commons  Reect	craft S/N F	I LTIO-540-F2BD RL-710-61A	N # 10QB	
Ph.701.258.5024 Fax 701.258.269 www.executive-a Removed CH Trouble shot	3 <u>iir.com</u>	Cessia (maccompan)	Hobb Bretailed overha	s 2506.8 uled gage SN# 61° ne CHT gage, Run certify it to be in an airworthy c	18 for right engine. up and Ops check good. condition, and is approved for return to service, with Maintenance Release – Repair Station CTYR019D	
This aircraft and/or co respect to the work p	JULIOUGH IN TORI STILL OF THE	Devon Meco	liger	Executive Air Taxi Corp.	Maintenance Release - Repair Station CTYR019D	
Details are		l"	-' D	ate <u>1</u> 2-13-2012	Make Lycoming	
	Executive Airax Examples at the component of the componen	V Jextron	Company Canus N	lode(LTIIO-540-F2)	BD N # 10QB	
Ph.701.258	Meriteipad Alirport, Bismasch, t ,5024 800.932.892 8 2693	Cocena (S)	ECHILIAIL	N RL-710-68A Hobbs 2553.3		No.
www.execu	tive-air.com	ATOSHOACOSSANY IIITER P/N CH4810	3 and serviced F	RH engine with 11d	ts 20W50 oil. Ground run and	- with
leak che	CKS GOOD.	above was inspected and/or	repaired IAW current FAR	Salulvani	worthy condition, and is approved for return to servic i Corp. Maintenance Release – Repair Station CTYf	e, with
respect to the Details are on	work performed.  file on WO# 23684 Date 1	12-13-2012 Signat <u>ure</u>	ex Mass	Executive All Tax	( COIP, Manager 1	
	1		1			
	Company of Company Company of the Co		Notice of the property of the party of the p	-,	3 HOBBS 2633.0	
	Marcon committee fractional water wood in ca		• • • •		76 6 76 CLEANED	
	GAPPE	ENGINE CHECKED	COMPRESSIONS, LL SPARK PLUGS.	1-74,2-78,3-76,4-74,5- CHANGED INDUCTION SIDE CYLINDERS TO	76, 6-76 CLEANED N FILTER AND INSPECT CAM SHAFT.	
	GAPPE HYDRA REINS' REMO'	I ENGINE CHECKED ED AND ROTATED A AULIC FILTERS. REM TALLED WITH NEW VED AND REPLACE	COMPRESSIONS, LL SPARK PLUGS. MOVED ALL RIGHT GASKETS, ROCKE D MAGNETO WITH	1-74,2-78,3-76,4-74,5- CHANGED INDUCTIOI SIDE CYLINDERS TO R ARMS, SHAFTS ANI OVERHAULED UNIT F REPLACED MAGNETO	76, 6-76 CLEANED N FILTER AND INSPECT CAM SHAFT. D ROTO CAPS. P/N 10-682910-18C S/N D HARNESS INSTALLED	
	GAPPE HYDR/ REINS' REMO' B-0813	I ENGINE CHECKED ED AND ROTATED A AULIC FILTERS. REM TALLED WITH NEW VED AND REPLACE 30. TIMED TO ENGIN 10-10BS. ENGINE 64	COMPRESSIONS, LL SPARK PLUGS. MOVED ALL RIGHT GASKETS, ROCKE D MAGNETO WITH IE REMOVED AND ROUND RUN WITH	1-74,2-78,3-76,4-74,5- CHANGED INDUCTION SIDE CYLINDERS TO R ARMS, SHAFTS ANI OVERHAULED UNIT F REPLACED MAGNETO NO FURTHER DEFEC LIED WITH AD 2013-10	76, 6-76 CLEANED N FILTER AND INSPECT CAM SHAFT. D ROTO CAPS. P/N 10-682910-18C S/N D HARNESS INSTALLED TS NOTED. AD'S -0-04 ENGINE EXHAUST	
	GAPPE HYDR/ REINS' REMO' B-0813 P/N A4 CHECI INSPE	I ENGINE CHECKED AND ROTATED A AULIC FILTERS. REM TALLED WITH NEW VED AND REPLACE 30. TIMED TO ENGIN 40-10BS. ENGINE GI KED THROUGH 2015 CCTION PART G VISI TO EXHAUST LEAKA	COMPRESSIONS, LL SPARK PLUGS. MOVED ALL RIGHT GASKETS, ROCKE D MAGNETO WITH IE REMOVED AND ROUND RUN WITH 3-25 ISSUE. COMPI JAL INSPECTION. I	1-74,2-78,3-76,4-74,5- CHANGED INDUCTION SIDE CYLINDERS TO R ARMS, SHAFTS AND OVERHAULED UNIT F REPLACED MAGNETO NO FURTHER DEFEC LIED WITH AD 2013-10 REPLACED ALL V-BAN TION DUE AT HOBBS NG, NEXT INSPECTION	76, 6-76 CLEANED N FILTER AND INSPECT CAM SHAFT. D ROTO CAPS. P/N 10-682910-18C S/N D HARNESS INSTALLED TS NOTED. AD'S D-04 ENGINE EXHAUST ND CLAMPS WITH NEW 2693.0. COMPLIED N DUE AT NEXT ANNUAL	
	GAPPE HYDR/ REINS REMO' B-0813 P/N A4 CHECI INSPE DUE T WITH OR 10 TUBE	LENGINE CHECKED AND ROTATED A AULIC FILTERS. REM TALLED WITH NEW VED AND REPLACE O. TIMED TO ENGIN O-10BS. ENGINE GI KED THROUGH 201: CTION PART G VISI TO EXHAUST LEAKA AD 2011-26-04 BY F O HRS. COMPLIED I NO DEFECTS NOT	COMPRESSIONS, LL SPARK PLUGS. MOVED ALL RIGHT GASKETS, ROCKE D MAGNETO WITH IE REMOVED AND ROUND RUN WITH 3-25 ISSUE. COMPI JAL INSPECTION. I GE. NEXT INSPEC UEL LINE CLAMPIN WITH AD 2003-24-0 ED, NEXT DUE 1-2	1-74,2-78,3-76,4-74,5- CHANGED INDUCTION SIDE CYLINDERS TO R ARMS, SHAFTS ANI OVERHAULED UNIT F REPLACED MAGNETC NO FURTHER DEFEC LIED WITH AD 2013-10 REPLACED ALL V-BAN TION DUE AT HOBBS NG. NEXT INSPECTION 7 VISUAL INSPECTION 0-2014 ENGINE GROU	76, 6-76 CLEANED N FILTER AND INSPECT CAM SHAFT. D ROTO CAPS. P/N 10-682910-18C S/N D HARNESS INSTALLED STS NOTED. AD'S D-04 ENGINE EXHAUST ND CLAMPS WITH NEW 2693.0. COMPLIED N DUE AT NEXT ANNUAL N OF RUDDER TORQUE ND RUN, NO DEFECTS	
	GAPPE HYDR/ REINS' REMO' B-0813 P/N A4 CHEC INSPE DUE T WITH OR 10 TUBE NOTE	I ENGINE CHECKED ED AND ROTATED A AULIC FILTERS. REM TALLED WITH NEW VED AND REPLACE 30. TIMED TO ENGIN 60-10BS. ENGINE GI KED THROUGH 2013 CCTION PART G VISI TO EXHAUST LEAKA AD 2011-26-04 BY F 30 HRS. COMPLIED I 5. NO DEFECTS NOT	COMPRESSIONS, LL SPARK PLUGS. MOVED ALL RIGHT GASKETS, ROCKE D MAGNETO WITH IE REMOVED AND ROUND RUN WITH 3-25 ISSUE. COMPI JAL INSPECTION. I GE. NEXT INSPEC UEL LINE CLAMPIO WITH AD 2003-24-0 ED, NEXT DUE 1-2	1-74,2-78,3-76,4-74,5- CHANGED INDUCTION SIDE CYLINDERS TO R ARMS, SHAFTS AND OVERHAULED UNIT F REPLACED MAGNETO NO FURTHER DEFEC LIED WITH AD 2013-10 REPLACED ALL V-BAN TION DUE AT HOBBS NG. NEXT INSPECTION 7 VISUAL INSPECTION 0-2014 ENGINE GROU	76, 6-76 CLEANED N FILTER AND INSPECT CAM SHAFT. D ROTO CAPS. P/N 10-682910-18C S/N D HARNESS INSTALLED ITS NOTED. AD'S D-04 ENGINE EXHAUST ID CLAMPS WITH NEW 2693.0. COMPLIED N DUE AT NEXT ANNUAL N OF RUDDER TORQUE IND RUN, NO DEFECTS	
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	GAPPE HYDR/ REINS' REMO' B-0813 P/N A4 CHECINSPE DUE T WITH OR 10 TUBE NOTE	I ENGINE CHECKED ED AND ROTATED A AULIC FILTERS. REM TALLED WITH NEW VED AND REPLACE 30. TIMED TO ENGINE GO-10BS. ENGINE GO KED THROUGH 2013 COTION PART G VISI TO EXHAUST LEAKA AD 2011-26-04 BY F 30 HRS. COMPLIED N MO DEFECTS NOT ED. RTIFY THIS ENGINE I DETERMINED TO E EY WEHMEYER	COMPRESSIONS, LL SPARK PLUGS. MOVED ALL RIGHT GASKETS, ROCKE D MAGNETO WITH IE REMOVED AND ROUND RUN WITH 3-25 ISSUE. COMPI JAL INSPECTION. I GE. NEXT INSPEC UEL LINE CLAMPIO WITH AD 2003-24-0 ED, NEXT DUE 1-2	1-74,2-78,3-76,4-74,5- CHANGED INDUCTION SIDE CYLINDERS TO R ARMS, SHAFTS AND OVERHAULED UNIT F REPLACED MAGNETO NO FURTHER DEFEC LIED WITH AD 2013-10 REPLACED ALL V-BAN TION DUE AT HOBBS NG. NEXT INSPECTION 7 VISUAL INSPECTION 0-2014 ENGINE GROU	76, 6-76 CLEANED N FILTER AND INSPECT CAM SHAFT. D ROTO CAPS. P/N 10-682910-18C S/N D HARNESS INSTALLED ITS NOTED. AD'S D-04 ENGINE EXHAUST ID CLAMPS WITH NEW 2693.0. COMPLIED N DUE AT NEXT ANNUAL N OF RUDDER TORQUE IND RUN, NO DEFECTS	
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		Signature	AME ACA/AMO SCA/AMO
र जनसङ्	KERRVILLE AVIATION		
	1875 AIRPORT LOOP RD		
:	KERRVILLE, TX 78028		
TATE	::5-08-13 10QB A/C PIPER NAVAJO S/N 31-7812065 HOBBS:2580.9		
<del></del>	LLED NEW VACUUM PUMP HOSES ON RIGHT ENGINE, P/N 565-268 AND	· )	
P/N	565-278.		,
	GED OIL AND FILTER. INSTALLED NEW CH48103-1 FILTER AND VICED WITH 11QTS. AEROSHELL W100.		
• CHEC	KED AND SECURED ALL HOSES ON RIGHT ENGINE.		
	GED RIGHT ALTERNATOR PULLEY AND BELT. P/N LW18129 DRIVE BELT LW13347 PULLEY.	Г,	
{	SSEMBLED AND GROUND RUN, OPS CHECK OK.		
i	AS BEEN COMPLETED IN ACCORDANCE WITH CURRENT		
MANUFACTU	RES MAINTENANCE MANUALS AND CURRENT FAA REGULATIONS. THIS IS BEEN APPROVED FOR RETURN TO SERVICE FOR THE WORK	S	
Gemi 187	Gemini Aviation DBA Dugosh 1875 Alrport Loop Suite #105  Kerryille, Texas 78028  N10QB Piper Navajo PA-31-325 31-7812065 Hc Changed oil and filter; serviced engine with Aeroshell W100 Opened and inspected used filter; washed, ran, leak checked Carl Funke #3175131AP  4-22-2014  Alaviation DBA Dugosh 5 Airport Loop Suite #105		H48103-1.
	CVIII.E LEVAS /BOZR		·
NI1Q Remo	oved right propeller, installed new a/c compressor belt P/N 37B19774-412 and new alternator		
Remo	B Piper PA31-325 Hobbs; 2701.2		
Remo	B Piper PA31-325 Hobbs: 2701.2 wed right propeller. Installed new a/c compressor belt P/N 37B19774-412 and new alternator //N LW-18129. Refinstalled propeller with new o-ring P/N C-3317-228. Ran Engine, a/c		
Remo belt F altern	B Piper PA31-325 Hobbs: 2701.2 wed right propeller. Installed new a/c compressor belt P/N 37B19774-412 and new alternator //N LW-18129. Refinstalled propeller with new o-ring P/N C-3317-228. Ran Engine, a/c		
Remo belt F altern	B Piper PA31-325 Hobbs: 2701.2  word right propeller. Installed new a/c compressor belt P/N 37B19774-412 and new alternator right LW-18129. Reinstalled propeller with new orting P/N C-3317-228. Ran Engine, a/c later and propeller ops check good. OK for return to service.  LA Table  Funke 3175131AP		
Remo belt F altern	B Piper PA31-325 Hobbs: 2701.2  pixed right propeller. Installed new a/c compressor belt P/N 37B19774-412 and new alternator  P/N LW-18129. Reinstalled propeller with new o-ring P/N C-3317-228. Ran Engine, a/c  ator and propeller ops check good. OK for return to service.  LALL  Funke 3175131AP  Gemini Aviation DBA Dugosh  1875 Airport Loop Suite #105		
Remo belt F altern	Piper PA31-325 Hobbs: 2701.2  wed right propeller. Installed new a/c compressor belt P/N 37B19774-412 and new alternator //M LW-18129. Reinstalled propeller with new o-ring P/N C-3317-228. Ran Engine, a/c ator and propeller ops check good. OK for return to service.  LL July  Gemini Aviation DBA Dugosh 1875 Airport Loop Suite #105  Kerrville, Texas 78028  N10QB Piper Navajo PA-31-325 31-7812065 Hobbs: 2709.6		
Remo belt F altern	B Piper PA31-325 Hobbs: 2701.2  wed right propeller installed new a/c compressor beit P/N 37B19774-412 and new alternator  //N LW-18129. Reinstalled propeller with new o-ring P/N C-3317-228. Ran Engine, a/c  later and propeller ops check good. OK for return to service.  LLLLLLLLLLLLLLLLLLLLLLLLLLLLLLLLLLL	-1.	
Remo belt F altern	Piper PA31-325 Hobbs: 2701.2  pived right propeller. Installed new a/c compressor belt P/N 37B19774-412 and new alternator (*/N LW-18129. Reinstalled propeller with new o-ring P/N C-3317-228. Ran Engine, a/c alter and propeller ops check good. OK for return to service.  **Lack**  Funke 3175131AP    Gemini Aviation DBA Dugosh 1875 Airport Loop Suite #105 Kerrville, Texas 78028  N10QB Piper Navajo PA-31-325 31-7812065 Hobbs: 2709.6  Changed oit and fitter; serviced engine with Aeroshell W100 plus oil and Champion oil fitter CH48103.	1.	
Remo belt F altern	Piper PA31-325 Hobbs: 2701.2  pived right propeller. Installed new a/c compressor belt P/N 37B19774-412 and new alternator (*/N LW-18129. Reinstalled propeller with new o-ring P/N C-3317-228. Ran Engine, a/c alter and propeller ops check good. OK for return to service.  **Lack**  Funke 3175131AP    Gemini Aviation DBA Dugosh 1875 Airport Loop Suite #105 Kerrville, Texas 78028  N10QB Piper Navajo PA-31-325 31-7812065 Hobbs: 2709.6  Changed oit and fitter; serviced engine with Aeroshell W100 plus oil and Champion oil fitter CH48103.	-1.	
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Remobility alternative of the second of the	Piper PA31-325 Hobbs: 2701.2  wed right propeller. Installed new a/c compressor belt P/N 37B19774-412 and new alternator //NLW-18129. Reinstalled propeller with new oring P/N C-3317-228. Ran Engine, a/c later and propeller ops check good. OK for return to service.  LATULE  Gemini Aviation DBA Dugosh 1875 Airport Loop Suite #105  Kerrville, Texas 78028  N10QB Piper Navajo PA-31-325 31-7812065 Hobbs: 2709.6  Changed oil and titter; serviced engine with Aeroshell W100 plus oil and Champion oil filter CH48103  Opened and inspected used filter; washed, ran, leak checked engine. Ok for return to service.  Carl Funke #3175131AP  8-26-2014	-1.	
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Section 1: Record of engine maintenance and elementary work

Date //	Time since new	Time since overhaul	Total cycles	Details of task	
	inspection ar compression #5) 71/80, # Aeroshell W Cut open filte Cleaned, Ins	1875 7 Kerry 5.7 830-3 have inspected have found in the check: #1) 70 66) 70/80. Chapter in the check in the	Airport Loop, # ille,Texas 780: 15-2222  d this engine I/ t to be in airwo I/80, #2) 72/80 Inged oil and so oil filter with no r metal and co sted all spark pl engine isolators		
DICHT	Robert Fenn	er AP 378806	656 IA LOL	Jonns	-
3/25/2		HOBBS	2773.6	TSMOH 1134.6	
OIL FIL	TER. CUT OPEN	OLD FILTER INSP	PECTED FOR ME	AREOSELL W 100 OIL AND INSTALLED CH FAL NONE FOUND. WASHED DOWN ENG RETURNED TO SERVICE.	148103-1 <sup>-</sup> GINE. ·
				ROBERT L. FENNER	
	RIGHT ENGINE 5/20/2015	 N10QB	HOBBS 2799.6	A&P378806656 TSMOH 1160.6	
	INICTALLED CHAS	B103-1 OIL FILTE D DOWN ENGIN	R. CUT OPEN O	T. OF AREOSELL W 100 OIL AND LD FILTER INSPECTED FOR METAL NONE ID LEAK CHECKED GOOD. THIS ENGINE	
				ROBERT L. FENNER  A&B878806656	

Signature

AME ACA/AMO SCA/AMO

Date 01-10-16 N10QB A/C PA-31-325 Hobbs 2856.1 TAT 8797.2 RIGHT ENGINE TSMOH 1217.1

Completed 100Hr/Annual inspection on this Rt Engine in accordance with FAR 43 Appx. D and PIPER PA31-325 Aircraft M/M inspection check sheet. Complied with engine compression check #1 70/80 #2 70/80 #3 70/80 #4 70/80 #5 65/80 #6 70/80. Changed oil and filter. Service with 11 Qts of Aeroshell W100. Installed new ch48103-1 oil filter. Cut open old filter inspected for metal. None found. Clean, inspected, gapped and tested all spark plugs. Checked engine to mag timing. Relace induction filter/N BA 7 with new. Installed sensors for Insight G4 Twin IAW Insight G4 installation manual #070906. Test ran, leak checked engine after inspection.

CW AD 2011-26-04 Fuel Injector Line and Clamp Inspection By inspection NEXT DUE 01-2017. Lertify that I inspected this engine in accordance with 100 Hr/Annual inspection and it was found airworthy and is returned to service.

Robert L. Fenner A&P 3788066561A

N10QB
Hobbs: 2908.0
September 7, 2016
Drained oil and removed oil filter, cut open filter for inspection, no metal found. Installed new CH48103-1 oil filter and serviced engine with 12 qts of Aeroshell W100. Performed ground run and leak check with no discrepancies.

William J. Case A&P 3390811

> - N10QB Hobbs: 2922.6 December 16, 2016

Dugosh Aviation, LLC 1875 Airport Loop Ste 105 Kerrville, TX 78028

Removed oil and oil filter. Cut open old filter to check for metal, no discrepancies noted. Serviced engine with 12 qrts of Aeroshell W 100 oil and 1 CH48103-1 Oil filter. Ran engine for leak check, no leaks noted.

William J. Case
A&P 3390811

Section 1: Record of engine maintenance and elementary work

Date //	Time since new	Time since overhaul	H0665	Details of task
3-09-2017	92/1-9	1297.5	2936.5	Chu ANNUAL INSPECTION OF ENG. per
5-07-7017				Piper S. + M. Manual for PA31-325.
				Checked compression #1. 72/20 12 20/20
				12 72/ 12/ 1/00 "S. 1/00 6. 180. LIVECKE
				May timing. To eng. Cleaned, gapped,
				and rotated spork placed all
				Fuel insector lines rubber Tubesleeves
				Chr76772. Replaced all twel injection
				Orives PIN951391. Cleaned and inspecies
		· ·		all fuel injector NOZZles, Yw H.D. 15-
				19-12 inspected tueling ector lines as
				SIMPORT Clamps, No defects, Next due
				at Hobbs = 3046.5 or if lines are.
				disturbed. Inspected over all
				CONDITION OF ENG. and accessories.
				ENS. FOUND TO be incorrang
				conditions for return to service
				CONCLITION TO TELLINA TO LEGGE
				25 04 cm/ 6 2 d/2 N.Y. IN SERVICE 92// 9
				AND MORCH 9-20/2 T.Y. IN SERVICE 92/1.9  AD'S CHECKED THRU: 12-05 I CERTIFY THAT  THIS ENIG HAS BEEN INSPECTED IN ACCORDANCE
				WITH A MAINUAL INSPECTION AND WAS DETERMINED
				TO BE IN AIRWORTHY CONDITION. SIGNED PAINT BOKAGE
				NUMBER A ! F & 804986 I ! A
	N10QB	Dugosh	Aviation, LLC	
	Hobbs: 2937		irport Loop Ste 1 e, TX 78028	05
	March 31, 20 Removed oil and			eck
for metal.	No metal noted. S	erviced engine w	ith 12 arts Aeros	hell
	1 CH48103-1 oil f ancies noted.	iter. Ground ran	and leak checked	l.
No discrep	1/s o			·
- Mulan	1 COD	•	,	
William J. A&P 33908				
	· •			
· -		-		
	1	E .	1	

	Signature	AME ACA/AMO SCA/AMO
N10QB Dugosh Aviation, LLC - Hobbs: 2957.7 1875 Airport Loop, STE 105	, i	
May 5, 2017 Kerrville, TX 78028  Removed oil and oil filter. Cut open old filter to check for metal. No metal found. Serviced engine with 12 girts Aeroshell W100		
and 1 CH48103-1 oil filter. Ground ran engire for leak check, no leaks noted.		
William J Case A&P 3390811		
N10QB Dugosh Aviaiton, LLC - Tach: 2984.3 1875 Airport Loop Ste 105 Sept 8, 2017 Kerrville, TX 78028		
Removed oil and oil filter. Cut open filter to check for metal. No metal noted. Serviced engine with 12 qrts Aeroshell W100 and 1 CH48103-1 oil filter. Ground ran and leak check. No discrepancies noted.	·	
- Falhán Corl		
William J. Case A&P 3390811		
Registration Number: N10QB Engine Make: Lycoming Engine M/N: LTIO-540-F2BD Engine S/N: RL-710-68A Date: April 2, 2018	Aircraft Hobbs Time: 3 Engine TSO: 1366.6	
Performed Annual inspection in accordance with FAR 43 app D, with referent Compression check: #1 - 72, #2 - 73, #3 - 74, #4 - 76/80, #5 - 70/80, #6 - 7 12qts W100. Removed oil filter, inspected for contaminants, Installed new filter timing, found to be set at 20°. AD 17-11-10 N/A due to M/N. AD 17-61-11 N/A D 15-19-07, fuel injection line inspection, next due 100hrs. AD's check engine has been inspected IAW an annual inspection and was found to be in a	ter P/N CH48103-1. Check I/A Lycoming bushings no ked current this date. I cer	ced magneto t installed.
	EgesdahlA&P35P5856IA	

## aintenance and elementary work

ction 1: Reco	ord of engine	maintenance	and element	ary work	
Date	Time since new	Time since overhaul	Total cycles	Details of task	
N:	 10QB Du	l Igosh Aviation, LL	405		
		375 Airport Loop, errville, TX 78028	Ste 105		
Pamal	eb 5, 2018	. Cut open filter to	check		
for metal. No met	tal noted. Serviced	engine with 12 qr	ts		
Agrachell W100 a	ind 1 CH48103-1 OI	i fiiter.			
	laced valve cover	gaskets with new			
P/N 71450.	der intake pushroo	I housing seals wi	th new,		
P/N 08-00293.			-		
Performed groun	d run, leak checks	good.	· · · · · · · · · · · · · · · · · · ·		
Duém (	ano.		<del></del>		<u>.                                  </u>
William J. Case	سائل معادر				
A&P 3390811					-
	1400P	Dugosh Aviatio	n, LLC		<del>,</del>
	10QB lobbs: 3024.5	1875 Airport L	oop, Ste 105		
	1 2019	Kerrville, TX 78	028 - —		
Remo	ved oil and oil filter	r. Cut open old flit angine with 12 d	rs Aeroshell		
for metal. No me	ved on and on ince tal noted. Serviced 8103-1 oil filter. Gr	ound ran and leal	checked. —		
No discrepancies	noted.		·		
Min 10	•		,		
1					
William J Case. A&P 3390811					
A&b 2220011					
		L			
				2044.2	·
Registration 1	Number: N10QB			Aircraft Hobbs Time: 3044.3 Engine TSO: 1405.3	·
Engine Make	: Lycoming			Engine 150. Trota	
Engine M/N:	LTIO-540-F2BD				.
Engine S/N: Date: 4/5/20	RL-710-68A 19				<u> </u>
		t	EAD 43 ann D. Witi	h reference to PA31-325 Maintenance Manual. 0, #6 – 72/80. Drained oil and serviced with	:
Performed A	nnual inspection in	accordance with 2 = 70, #4	-68/80, #5 - 72/8	0, #6 – 72/80. Drained oil and serviced with d new filter P/N CH48103-1. Checked magneto	
Compression	Removed oil filter	, inspected for co	ntaminants, Installe	d new filter P/N CH48103-1. Checked magneto inspection, next due 100hrs. Checked all fluid	ļ <del></del>
timing, foun	d to be set at 20°. C	W AD 15-19-07	fuel injection line	inspection, next due 100hrs. Checked all fluid has been inspected IAW an annual inspection	<u> </u>
line R nuts	AD's checked currend to be in airworth	ent tims date, i con	my that this one		.
and was tou	iid to be in an work	.,		Scott EgesuahlA&P35158561A	
				<i>O</i> .	
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			1	·	
1	1 '	1	1		

RH

Registration Number: N10QB Engine Make: Lycoming Engine M/N: LTIO-540-F2BD Engine S/N: RL-710-68A

Date: 11/18/2020

Aircraft Hobbs Time: 3064.1 Engine TSO: 1425.1

Performed Annual inspection in accordance with FAR 43 app D, with reference to PA31-325 Maintenance Manual. Compression check: #1-76, #2-78, #3-75, #4-78/80, #5-66/80, #6-70/80. Drained oil and serviced with 12qts W100. Removed oil filter, inspected for contaminants, Installed new filter P/N CH48103-1. Checked magneto timing, found to be set at 20°. C/W AD 15-19-07, fuel injection line inspection, next due 100hrs. Replaced oil filter adapter gasket P/N 06B23072. AD's checked current this date. I certify that this engine has been inspected IAW an annual inspection and was found to be in airworthy condition.

Scott EgesdahlA&P351A8561A

Date: 01/01/22

Changed oil and filter. Screen and filter checked, no metal noted. Serviced with 11 quarts Phillips 20w50. Air filter element checked. Spark plugs replaced. Inspected fuel injector lines law AD15-19-07, due again 3188.7. Compression checked, all cylinders 65/80 and better.

This engine has been inspected i/a/w an Annual Inspection and has been determined to be in

Airworthy Condition at this time.

Frank May

A&P426239616IA

Oil and filter not changed due to TIS. Compression checked, all cylinders 67/80 and better. Checked air filter element. Checked spark plugs. Engine ground run. AD22-16-03 is NA. This engine has been inspected law an Annual Inspection and has been determined to be

airworthy at this time.

Frank May

A&P4262396161A

Date: 11/15/24 Time: 3092.5 ASS SMON.
Spark plugs checked. Compression checked, all cyminers 62/80 and better. Changed oil and filter, screen and filter checked, no metal noted. Serviced with 11 quarts Phillips 100AW. AD24-21-02 is NA by date. Air filter element replaced. Fuel injector lines inspected law AD15-19-07, due 3192.5. Engine ground run.

This engine has been inspected law

an Annual Inspection and has been determined to be airworthy at this time.

Frank May

A&P426239616IA