

# Triad Aviation, Inc.

3439 South Aviation Drive Burlington, NC 27215 336/227-1467 NO. 3

#52668 N177WF

FAA-PP4R448M

Log Book

Test ran (1) Lycoming IO-360-AlB6D S/N L-17339-51A engine 2 hours 15 minutes, RPM 2700, oil pressure 76 lbs, oil temperature 198 degrees, CHT 376 degrees, mag check at 2100 RPM, L 50 RPM, R 50 RPM. Compression test cylinder #1 78/80 #2 76/80 #3 76/80 #4 76/80. This engine and/or component is approved for return to service. All pertinent details on file this repair station. TRIAD AVIATION, INC. FAA REPAIR STATION #PP4R448M, WO# 13611 Signed: Date: 8/13/03	DATE 20	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations  Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair  Facility. (See back pages for other specific entries.)
2 hours 15 minutes, RPM 2700, oil pressure 76 lbs, oil temperature 198 degrees, CHT 376 degrees, mag check at 2100 RPM, L 50 RPM, R 50 RPM. Compression test cylinder #1 78/80 #2 76/80 #3 76/80 #4 76/80.  This engine and/or component is approved for return to service. All pertinent details on file this repair etation. TRIAD AVIATION, INC. FAA REPAIR STATION					
2 hours 15 minutes, RPM 2700, oil pressure 76 lbs, oil temperature 198 degrees, CHT 376 degrees, mag check at 2100 RPM, L 50 RPM, R 50 RPM. Compression test cylinder #1 78/80 #2 76/80 #3 76/80 #4 76/80.  This engine and/or component is approved for return to service. All pertinent details on file this repair etation. TRIAD AVIATION, INC. FAA REPAIR STATION					是一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个
			2 hou tempe 2100 #1 78 This servi	erature 18 RPM, L 3 engine a ice. TR	inutes, RPM 2/00, oil pressure 70 lbs, oil 198 degrees, CHT 376 degrees, mag check at 50 RPM, R 50 RPM. Compression test cylinder 76/80 #3 76/80 #4 76/80. and/or component is approved for return to 1 pertinent details on file this repair IAD AVIATION, INC. FAA REPAIR STATION

TRIAD AVIATION, Inc. certifies that this engine has been disassembled, inspected, and overhauled to manufacturer's overhaul manual new limits. Engine tested in accordance with recommended procedures and is approved for return to service. All applicable A.D. Notes and Service Bulletins are complied with at the time of overhaul. Pertinent details of this work are on file at this repair station under work order # \_\_\_\_\_\_13611\_\_\_\_\_.

MAKE	Lycoming	MODEL_	IO-360-A1B6D	
	L-17339-51A	DATE	8/13/03	
S/N			F 4506.5	

TRIAD

Triad Aviation, Inc.

FAA Repair Station #PP4R448M Burlington Municipal Airport 3439 South Aviation Drive Burlington, NC 27215 336/227-1467 Authorized Signature

DATE 20	RECORDING TODAY'S FLIGHT TIME IN SERVICE  TOTAL TIME IN SERVICE  Description of Inspections, Tests, Repairs and Alterations  Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repairs  Facility. (See back pages for other specific entries.)							
				EN9 SMOH ="0.0"				
	N52668	T	ach = 1570.00	ENGTIS ACTT = 4357.16	10/9/2003			
		Disc	repancy	Corrective Acti	on and the second secon			
	Annual insp	ection		Accomplished Annual Inspection				

N52668 Tach = 1572.50 ACTT = 4359.66 SMOH = 2.5

10/24/2003

Discrepancy	Corrective Action
Change oil and filter per Lycoming SI No. 1427B Engine Break-In Par C 2 after 2 hour Flight Test	Serviced engine with 8 qts. Of AeroShell 100 W Mineral oil. Changed filter. No particles found. Run and leak check ok

Thomas P. Malechuk AP375605708

Guardian Aviation Services, LLC



## Spitfire Aviation

9200 Aviation Boulevard - Concord, NC 28027 - Voice (704) 784-3591 - Fax (704) 782-4772 DATE: 11/19/03 N52668 Tack 1590.7 AFTT 4377.86 TSMO 20.7

- Changed oil and filter, serviced with Aeroshell 80 mineral oil, ground ran, no leaks noted.
- 2) Installed newly Rebuilt TCM Warranty Magneto, P/N BL-682555-11, S/N G013IA015R, S/N off G03GA037R. Ground run, check normal.

THE MAINTENANCE IDENTIFIED ABOVE HAS BEEN INSPECTED AND THE ITEMS IS APPROVED FOR RETURN TO SERVICE, UNDER W.O. 1949

	Jung	Ann	and I	FOR SPITFIRE AVIATION, INC REPAIR STATION NO. S1FR993Y	
					2"
200		L. C.	We proper		

DATE 20	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Entries n	ption of Inspections, Tests, Repairs and Alterations must be endorsed with Name, Rating and Certificate Number of Technician or Repair (See back pages for other specific entries.)						
	N52668Tac	h = 1684	4.36	ACTT	=4471.52 ENG TIS = $4471.52$ 12/6/2004						
		Discre			Corrective Action						
	Annual inspection	on			Accomplished Annual Inspection						
	CW AD2002-26 fuel lines	Committee of the Commit	failure of the fu	el injector	CW - per par (c) by inspection - Inspected fuel injector lines and clamps in accordance with Lycoming MSB No. 342D. No defects noted.						
	Oil and filter are	due change			Changed oil and replaced filter (CH48103-1). No particles found. Serviced with 8 qts. AeroShell 15W-50. Leak check ok.						
	Service spark plu	ugs			Cleaned, gapped and tested spark plugs. Ok for service.						
	Service injecto				Cleaned screen. Leak check ok.						
	I certify that th	is engine l	has been insp	ected in acc	cordance with an annual inspection and has been found to be in an airworthy						
	Condition. Thomas P. Ma	Male lechuk IA.	375605708								
1-2/0	TACH	= 17/	8.91	Re	moved this engine from N52668 due to  p strike.  Promo PMalachuka 375605708						
	ENGS	Smo H	= 148.9		Thomas PM. On he he had \$ 375605708						

Date 6-4-07 Tach. Time: 171	8.91 EN9 TIS 4506.07 SMOH 148.91
Disassembled Lycoming IO-360-A1	B6D engine S/N L-17339-51A for prop strike inspection.  Repair
	steel parts magnafluxed. Engine reassembled in accordance
	ul Manual with the following new parts installed: new gasket
set, nose seal, new main and rod bea	rings, rod bolts and nuts, crankshaft bolts, lock tabs, intake
hoses, oil filter. Crankshaft repaired	and reground MO3 by Rick Romans. Oil sump repaired by
Drake Air. Camshaft and tappets reg	ground by D&S Cam. Replaced ring gear. Magneto s/n
G031A015R overhauled by Executiv	ve Accessories Inc. C/W AD 02-26-01 fuel injection lines by
inspection, C/W AD 04-10-14C1 by	replacement of crankshaft gear retaining bolt and lock tab.
Details of this repair are on file at th	is agency under W.O.27062. Continuing time on this engine.
End.	
Zephyr Aircraft Engines Inc.	DED OT TED DED A ID CTE A THOMAS A VIJAD 2078 A
39320 B Ave. Zephyrhills FL. 33542	F.A.A. APPROVED REPAIR STATION # V14R397M
(813) 788-3305 FAX (813) 788-4412	
	Anthonized Signature AM
W.O. No. 27062	Authorized Signature Z/A

Corrective Action
Accomplished Annual Inspection
Installed Magneto P/N BL-682555-11, S/N G031A015R overhauled by Executive Accessories Inc. CRS #RL4R496M under WO #31905 dated 4/10//2007. Installation in reference to Lycoming SI No. 1438A
Installed engine in reference to AMM. Serviced with 8 qts. AeroShell Mineral Oil. Performed Ground Test per par B in reference to Lycoming SI No. 1427B. Engine is approved for first flight and break in operation per Zephyr's instructions and Lycoming SI No. 1427B par C "Flight Test".
Serviced engine with 8 qts. Of AeroShell 100 W Mineral oil
#1 75/80, #2 74/80, #3 76/80, #4 78/80
Installed new filter BA-5705

I certify that this engine has been inspected in accordance with an annual inspection and has been found to be in an airworthy condition.

Thomas P. Malechuk IA375605708

Guardian Aviation Services, LLC

ATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations  Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
	4/10/1			N52668
_ T	ACH 1750.3			
— C  _ cl  _ ir	H48110 oil il suction scringine run-up	npression filter. Dra een with led and lud satisfact dwas detended and luder of the led was detended and luder of the luder	check as for ined oil and new gasket bed starter. ory, No leakermined to be	Routine 100hr inspection performed I.A.W. Cessna 177 service manual allows cyl's 1) 80/80 2)80/80 3)78/80 4)80/80. Replaced oil filter a serviced sump with Phillips 20/50. Removed cleaned and re-installed AN900-16. Serviced and rotated spark plugs. Tightened all air induction Checked timing. Removed propeller due to alternator belt change. As at this time. I certify that this engine has been inspected I.A.W. a100hr be in an airworthy condition. This aircraft has been stored outside for the require a thorough inspection before aircraft can be ferried.
			00	Alexander Duran A&P 2677910
			The supplied of the supplied o	
	E 2012	7 22 -	1757 52	

DATE 20	4/24 TACH 1751	/2014					N52668	pair
	Due to the a follows cyl's serviced sum AN900-16. Serviced time AD 2009-02 AD 2011-26 AD 2012-03	aircrafts in a point of the serviced ing.  -03 P/C/S-04 C/W  3-06C N/S-04 N/A II	hillips 20/50 and rotated s by visual in A by date of	76/80 4)/8/80. Removed clear spark plugs. Tight replacement and spection next due overhaul.	ed and re-installatened all air indicated all ai	ed oil suction suction suction clamps.	Compression check as ilter. Drained oil and screen with new gasket Cleaned and lubed starter ps, No defects or leaks	
	found.	otion roq	and Cidan			er Duran A&P		

Sparkchasers Aircraft Services, Inc.
January 21, 2015 N52668
Eng Model: Lycoming IO-360-A1B6D

3223C Swift Creek Rd.
Tach: 1757.12
Eng S/N: L-17339-51A

Smithfield, NC 27577 ACTT: 4544.28 EngTT: 4544.28

(919) 934-1654 Cessna 177RG Eng SMOH: 187.11 Engine Log Entry

Annual inspection:

W.O. No. 50249

- Drained oil and removed oil filter. Inspected filter and oil sump screen, no metal contaminates found. Installed oil sump screen using new gasket. Installed new Tempest AA48103-2 oil filter and serviced engine with 8 Qts Phillips XC 20W50 oil.
- Performed compression check #1-74, #2-76, #3-76, #4-76 over 80 psi.
- Cleaned, inspected, gapped, tested and rotated spark plugs.
- Performed mag timing check, both mags were timed at 25 degrees BTDC, no adjustment required.
- Serviced fuel injection nozzles.
- Installed new intake tube gasket on #3 cylinder.
- CW AD 2011-26-14 to prevent failure of the fuel injector lines, inspected injector lines and clamps in accordance with AD & Lycoming MSB 342F instructions, no defects noted, all clamps in place at this time. Recurring action due every 100 hrs, annual, eng O/H and any maintenance involving lines.
- Washed engine and lubed controls.
- Performed ground run operational checks, operations checked satisfactory. No leaks noted at this time.
- Performed work in accordance with Lycoming and Cessna 177RG maintenance manuals.

January 21, 2015	Tach: 1757.12	I certify this e	ngine	has been	inspect	ted in accord	ance with an annual/100h
inspection and is app	roved for return to s	ervice.	ffe	uy of	. K	ains	ance with an annual/100h

DATI 20_	Sparkchasers A July 8, 2016	ircraft Services	, Inc. 3223C S Tach: 1767.40	wift Creek Rd. Cessna 177RG	Smithfield, NC 27577 Eng Model: Lycon	(919) 934-1654 ning IO-360-A1B6D
			Engine	Log Entry		
	CW AD 2015-19-	07 to prevent fail	lure of the fuel injector	lines, inspected inject amps in place at this ti	or lines and clamps in accord me. Recurring action due eve	ery 100 hrs, annual,

N52668 AFTT = 4555.48 Tach = 1768.32 Eng TIS = 4555.48 Eng SMOH = 198.32 8/16/2016

AP 2730963

Discrepancy	Corrective Action			
Annual inspection	Accomplished Annual Inspection			
CW AD2015-19-07 To prevent failure of the fuel injector lines	CW - per par (e.i) by initial inspection under AD 2011-26-04. Per par (e.ii) by inspection IAW Lycoming SB No. 342E. No defects noted. Re-inspection due per par (ii) after any maintenance is done on the engine where any clamp on a fuel injector fuel line was disconnected, moved, or loosened, and within every 110 hours TIS (4616.07) and after each engine overhaul.			
Oil and filter are due change	Changed oil and filter (CH48103-1). Cleaned sump screen. Serviced with 7 Qts. Phillips 20W50 oil. Leak check OK.			
Compression check	#1 74/80, #2 74/80, #3 74/80, #4 74/80			
Boroscope cylinders	Boroscoped. No defects noted.			
Engine induction air filter is due replacement	Installed new filter BA-5705			

I certify that this engine has been inspected in accordance with an annual inspection and has been found to be in an airworthy condition.

Thomas P. Malechuk IA375605708

Guardian Aviation Services, LLC

eng O/H and any maintenance involving lines. \_\_\_\_

#### **Aviation Plus LLC**

262-656-1260 Aviationplusllc.com

### 09/01/2017 N52668 Tach 1799 TTE 4586 SMOH 229

Robert Russell 3411885IA

Compressions: 1)78, 2)78, 3)76, 4)78. Changed oil and filter( 7qts Phillips 20W50). Replaced left outboard baffle rod. CW AD 15-19-07 injector lines and supports, visual inspection, due 100hrs. All routine items checked per inspection sheets. I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.

DRAINED ENGINE OIL AND REMOVED OIL FILTER. CUT

FILTER AND FOUND CONTENTS TO BE THAT OF NORMAL

OPERATION. INSTALLED NEW CHYBIOS-I OIL FILTER.

REPLENISHED OIL SUMP WITH TRUBES AGROSHELL

WIOOPLUS, OPERATION AND LEAK CHECK GOD

TRANG UM LURIAL 3569644A & P. T. VAN IWARDEN

DATE	
20	
	a 2

### UNITED FLIGHT SERVICES 120 Aviation Way. Watsonville, CA 95076

Repair

N52668

August 15, 2018

Tach Time: 1904.38

TSMOH: 334.38

Total Time: 4691.54

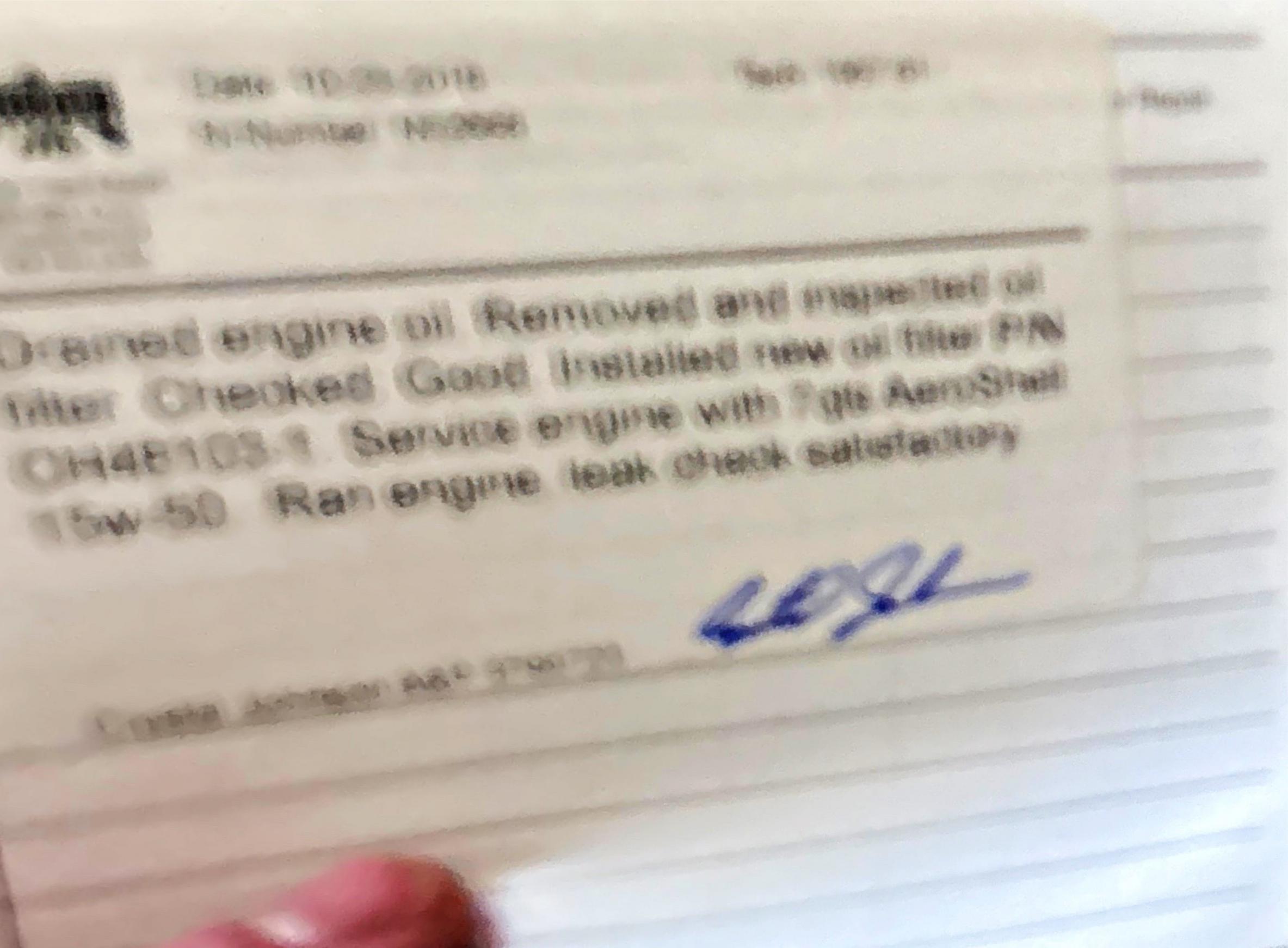
I certify that this engine has been inspected in accordance with an Annual Inspection consistent with the scope and detail of CFR 14 Part 43 Appendix D and has been determined to be in airworthy condition. Compression: #1 78/80 #2 78/80 #3 79/80 #4 78/80. Changed oil and serviced engine with 8 quarts Aeroshell 100W Plus. Changed oil filter and checked old filter and sump screen for contamination. None found. Replaced 1 each spark plug and cleaned, gapped and rotated all spark plugs. Checked magneto timing. Replaced air filter element. Pressure tested and inspected exhaust system. Ultrasonically cleaned fuel injector nozzles. Checked and cleaned fuel injector servo inlet strainer screen. Cleaned gascolator screen. Retorqued and safetied oil level gauge. Run up, leak check and ops checked good. See Airworthiness Directive Compliance Checklist for compliance & next due dates and times

Terence M. McKenna Succe-Alleman

DATE 20	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Date: 10-23-2018 Tach: 1957.61 N-Number: N52668 or Repair  Flying Cloud Airport 952 941.1212 Crystal Airport 763.533.4162
				Drained engine oil. Removed and inspected oil filter. Checked: Good. Installed new oil filter P/N CH48103-1. Service engine with 7qts AeroShell 15w-50. Ran engine, leak check satisfactory.
				Crystal Johnson A&P 3799723

TE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Entries must be endorsed	ctions, Tests, Repairs and Alterations with Name, Rating and Certificate Number of Technician or F for other specific entries.)
REG. WOR	INE MODEL: INE S/N: NO: 52668 K ORDER: -02-2019	Scal	451 Airp Novato,	on Aviation ort Road CA 94945 415-897-9787	DATE: 06 February, 2019 A/C TSN: ENG TT: TSMOH: TACH: 1996.39
Eng	ine Entries				
(1) C	hanged oil and thecked for leak			spected for metal, none noted. Fil	lled engine with 7 qts Aeroshell 15W-50, engine run
(1) C and c		s, none note	d.		lled engine with 7 qts Aeroshell 15W-50, engine run  Work Order: 1644-02-2019
(1) C and c	checked for leak	2019	d.	Annt	
(1) C and c	checked for leak	2019	SIGNED:	Annt	Work Order: 1644-02-2019
(1) C and c	checked for leak	2019	SIGNED:	Annt	Work Order: 1644-02-2019
(1) C and c	checked for leak	2019	SIGNED:	Annt	Work Order: 1644-02-2019

RECORDING TACH TIME	TODAY'S FLIGHT	SERVICE Entries mu	ist be endorsed with Name, Ratin	g and Certificate Number of T	echnician or Rep
E: 5/15/19 : N52668 SERVICE ENG	S/N:	9519 Airpor Visalia L: IO-360-A1B6D L-17339-51A	Drive, Hanger 19 a, CA 93277 ngine SMOH: 481.76	HOBBS: 145.8 TACH: 2051.76	
				1111	
			RALPHA	AEL LOPEZ - A&P 2709	706
PERTINENT [	DETAILS O	N FILE: W.O. 526051519			
:	E: 5/15/19 E: N52668 SERVICE ENGINSTALL NEVEL ENGINE OIL SERVICE STATES OF THE PROPERTY OF THE	E: 5/15/19 MODE : N52668 S/N: SERVICE ENGINE WITHINSTALL NEW ENGINE ENGINE OIL SAMPLE TA	TACH TIME  FLIGHT  TIME IN SERVICE  Entries mu Facility. (S  AIRCRAFT MECH 9519 Airport Visalia  E  SERVICE  FLIGHT  TIME IN SERVICE  Entries mu Facility. (S  AIRCRAFT MECH 9519 Airport Visalia  E  SERVICE SINCE  SERVICE SINCE  SERVICE ENGINE WITH 8 QUARTS OF AEROSH	TACH TIME  FLIGHT  TIME IN SERVICE  Entries must be endorsed with Name, Ratin Facility. (See back pages for other specific of the services, inc. 9519 Airport Drive, Hanger 19 Visalia, CA 93277  Engine  E: 5/15/19  MODEL: IO-360-A1B6D  SMOH: 481.76  EN52668  S/N: L-17339-51A  SERVICE ENGINE WITH 8 QUARTS OF AEROSHELL 15W50 OIL.  INSTALL NEW ENGINE OIL FILTER ELEMENT P/N: CH48103-1.  ENGINE OIL SAMPLE TAKEN.	Entries must be endorsed with Name, Rating and Certificate Number of T Facility. (See back pages for other specific entries.)  AIRCRAFT MECHANICAL SERVICES, Inc.  9519 Airport Drive, Hanger 19  Visalia, CA 93277  Engine  E: 5/15/19 MODEL: IO-360-A1B6D SMOH: 481.76 HOBBS: 145.8  EN N52668 S/N: L-17339-51A TACH: 2051.76  SERVICE ENGINE WITH 8 QUARTS OF AEROSHELL 15W50 OIL.  INSTALL NEW ENGINE OIL FILTER ELEMENT P/N: CH48103-1.  ENGINE OIL SAMPLE TAKEN.  AIRCRAFT MECHANICAL SERVICES, Inc.  9519 Airport Drive, Hanger 19  Visalia, CA 93277  Engine  RACH: 2051.76  RACH: 2051.76  RALPHAEL LOPEZ - A&P 2709



		9519 Airport D Visalia,	Drive, Hanger 19 CA 93277	
		En	gine	
E: 5/15/19	MODEL: 10-360		SMOH: 481.76	HOBBS: 145.8
N52668	S/N: L-17339-5			TACH: 2051.76
	INE WITH 8 QUAR		LL 15W50 OIL.	
	ENGINE OIL FILTE			
	AMPLE TAKEN.			
				116
			RALPHA	AEL LOPEZ - A&P 2709706
PERTINENT D	ETAILS ON FILE: V	V.O. 526051519		

DATE	RECORDING TODAY'S TOTAL Description of Inspec	tions, Tests, Repairs	and Alterations lepa
20	AIRCRAFT MECHANICAL S 9519 Airport Drive, H Visalia, CA 932	langer 19	
	DATE: 9/11/19 MODEL: IO-360-A1B6D  REG: N177WF S/N: L-17339-51A  1 COMPRESSION TEST: 1/78, 2/77, 3/78, 4/77.  2 INSTALL 8 NEW SPARK PLUGS P/N: RHM-38E.  3 INSTALL NEW ENGINE AIR FILTER ELEMENT P/N: BA57		TACH: 2068.0  AN MUNOZ - A&P 3559458
	4 INSTALL NEW ALTERNATOR P/N: 10-1050A, S/N: H-T04: 5 INSTALL NEW VOLTAGE REGULATOR P/N: R1224, S/N: PERTINENT DETAILS ON FILE: W.O. 117091119	: H-T061296.	AEL LOPEZ - A&P 2709706

ATE 0		DAY'S IGHT TIME IN SERVICE	Entries must be e	Inspections, Tests, Repaindersed with Name, Rating and Names for other specific entri	nd Certificate Number of Technician or Repa
			9519 Airport D	A 93277	
D	ATE: 9/11/19	MODEL: IC	0-360-A1B6D	SMOH: 498.0	TACH: 2068.0
R	REG: N177WF	S/N: L-1733	9-51A		
	ANNUAL INSE	PECTION COMPI	ETED THIS DATE. A	LL APPLICABLE AD'S CHEC	CKED AND C/W
				IS ENGINE WAS INSPECT	
-				ED TO BE IN AIRWORTHY	
		OR RETURN TO			
	AFFROVEDT	OK KETOKIV TO	OLIVIOL.		A.
-				STEPH	EN STEWART - IA 2129169
	DEDTINENT	SETAILS ON FILE	: W.O. 117091119		
L	PENTINENT	ALIAILO ON I ILI			

	ECORDING	TODAY'S	TOTAL TIME IN	Description of Ins	spections, Tests	, Repairs	and Aiterations
1			SERVICE	Facility (Lase bac	5		
_					ICAL SERVICES, inc.		
					rive, Hanger 19		
					CA 93277		
				<u>En</u>	gine		TACU: 2407 52
	DATE: 11/	14/19	MODEL:	10-360-A1B6D	SMOH:	537.52	TACH: 2107.52
F	REG: N17	77WF	S/N: L-17	339-51A			
_	1 SERVI	CE ENGIN	E WITH 8	QUARTS OF AEROSHEL	L 15W50 OIL.		
	2 INSTA	LL NEW E	NGINE OIL	FILTER ELEMENT P/N:	CH48103-1.		
			IPLE TAKE				1/1/2
						RAPHA	EL LOPEZ - A&P 2709706
	4 INSTA	LL NEW S	TARTER P	N: 149NL, S/N: H-T09001	8.		
	5 REMO	VE AND R	EINSTALL E	EXHAUST AFTER REPA	RS BY POWER F	LOW SYST	EMS UNDER
				5057, DATED 12/5/19.		//	11:
						/	2
	PERTI	NENT DET	AILS ON FI	LE: W.O. 117111419		CHRISTIA	NMUNOZ - A&P 3559458

The state of the s	on of Inspections. Tests, Repairs and Alterations
DATE: 07/27/20 MODEL: IO-360-A1B6D REG: N177WF S/N: L-17339-51A  1 ENGINE OIL SAMPLE TAKEN. 2 SERVICE ENGINE WITH 8 QUARTS OF AEPOSIU	ANICAL SERVICES, Inc. It Drive, Hanger 19 Ia, CA 93277 Ingine  SMOH: 616.91 TACH: 2186.91 HOBBS: 278.7
3 INSTALL NEW ENGINE OIL FILTER ELEMENT P/N	N: CH48103-1.
PERTINENT DETAILS ON FILE: W.O. 117072720	RAPHAEL LOPEZ - A&P 2709706



#### UNITED FLIGHT SERVICES 120 Aviation Way. Watsonville, CA 95076

N177WF

October 1, 2020

Tach Time: 2203.96 TSMOH: 633.96

Total Time: 4991.12

 I certify that this engine has been inspected in accordance with an Annual Inspection consistent with the scope and detail of CFR 14 Part 43 Appendix D and has been determined to be in airworthy condition. Compression: #1 77/80 #2 78/80 #3 76/80 #4 78/80. Changed oil and serviced engine with 8 quarts Aeroshell 100W Plus. Changed oil filter and checked old filter and sump screen for contamination. None found. Cleaned, gapped and rotated all spark plugs. Checked magneto timing. Replaced air filter element. Pressure tested and inspected exhaust system. Disassembled Power Flow exhaust system to lube all slip joints with HiTemp anti-seize. Weld repaired hole in #4 cylinder stack. Ultrasonically cleaned fuel injector nozzles. Checked and cleaned fuel injector servo inlet strainer screen. Cleaned gascolator screen. Replaced heater - shroud inlet and outlet ducts. Run up, leak check and ops checked good. See Airworthiness Directive Compliance Checklist for compliance & next due dates and times.

Terence M. McKenna

A&P 569948254 IA



9519 Airport Drive, Hanger 19 Visalia, CA 93277

#### **Engine**

DATE: 03/03/21

MODEL: 10-360-A1B6D

SMOH: 675.94

TACH: 2245.94

CHRISTIAN MUNOZ - A&P 3559458

+

HOBBS: 337.7

ian or Repair

REG: N177WF

S/N: L-17339-51A

1 ENGINE OIL SAMPLE TAKEN.

2 SERVICE ENGINE WITH 8 QUARTS OF AEROSHELL 15W50 OIL.

3 INSTALL NEW ENGINE OIL FILTER ELEMENT P/N: CH48103-1.

PERTINENT DETAILS ON FILE: W.O. 117030321



9519 Airport Drive, Hanger 19 Visalia, CA 93277

#### Engine

MODEL: 10-360-A1B6D DATE: 07/08/21

SMOH: 722.6

TACH: 2292.60

or Repair

HOBBS: 382.6

REG: N177WF

S/N: L-17339-51A

TOTAL

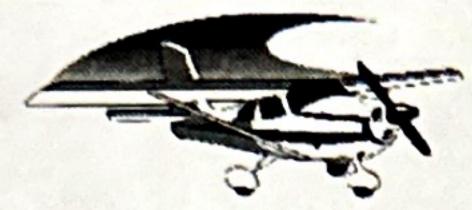
ENGINE OIL SAMPLE TAKEN.

2 SERVICE ENGINE WITH 8 QUARTS OF AEROSHELL 15W50 OIL.

INSTALL NEW ENGINE OIL FILTER ELEMENT P/N: CH48103-1.

RAPHAEL LOPEZ - A&P 2709706

PERTINENT DETAILS ON FILE: W.O. 117070821



### UNITED FLIGHT SERVICES 120 Aviation Way. Watsonville, CA 95076

November 5, 2021

Tach Time: 2347.09

TSMOH: 777.09

Total Time: 5134.25

I certify that this engine has been inspected in accordance with an Annual Inspection consistent with the scope & detail of CFR 14 Part 43 Appendix D & has been determined to be in airworthy condition. Compression: #1 77/80 #2 78/80 #3 79/80 #4 79/80. Changed oil & serviced engine with 7 quarts Aeroshell 100W Plus. Changed oil filter & checked old filter & sump screen for contamination. None found. Cleaned, gapped & rotated all spark plugs. Checked magneto timing. Replaced air filter element. Pressure tested & inspected exhaust system. Disassembled Power Flow exhaust system to lube all slip joints with HiTemp anti-seize. Reinstalled exhaust system with new no-blo exhaust gaskets. Replaced 3 cowling shock mounts, P/N 77444-14. Ultrasonically cleaned fuel injector nozzles. Checked & cleaned fuel injector servo inlet strainer screen. Cleaned gascolator screen. Run up, leak check & ops checked good. See Airworthiness Directive Compliance Checklist for compliance & next due dates & times.

Terence M. McKenna Summer M. M. M. M.

A&P 569948254 IA

DATE 20				mber of Technician or Repair
	ENGINE DAT	E: 4-11-2022	AEROCARE	
	N177WF	HOBBS: 0465.7 TAC	H 2379.07	
	REMOVE (PART PR	O AND REPLACED MAGNETO ASSOCIATED BY CUSTOMER)	SY PN D4LN-3000 SN ON 3079705	G
	SIGN:	Ohn he 11/9	365,37670	

\*



9519 Airport Drive, Hanger 19 Visalia, CA 93277

#### **Engine**

DATE: 09/13/22

MODEL: 10-360-A1B6D

SMOH: 829.85

TACH: 2399.85

REG: N177WF

S/N: L-17339-51A

HOBBS: 485.3

ian or Repair

1 ENGINE OIL SAMPLE TAKEN.

2 SERVICE ENGINE WITH 8 QUARTS OF AEROSHELL 15W50 OIL.

3 INSTALL NEW ENGINE OIL FILTER ELEMENT P/N: CH48103-1.

RAPHAEL LOPEZ - A&P 2709706

PERTINENT DETAILS ON FILE: W.O. 117091322

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