The Standard

ENGINE LOG

ASA-SE-2

ENGINE SEARCH

AV FILES CURRENT AS OF 11-03-94

MFG: AVCO-LYCOM MODEL: TIO-540-S1AD SERIAL NO: L-6560-61A
ENGINE: 300 HP BEGIN: 1978

TT E: _____ SMOH E: "0" TT AF: _____

==== AIRWORTHINESS DIRECTIVES SECTION ======== NON-RECURRING ==========

AD No: 78-18-04 Eff.Date: 09-09-78
* BENDIX - TO PRECLUDE THE LOSS OF IGNITION
Reference: SEE ISSUE

Comp.Date:	Hrs :	Next Due	Method of Compliance:	Auth. Signature & Number:
11/03/94	@ O/H:	N/A	REBUILT MAG INST.	BJ3R399L

AD No: 78-23-10 Eff.Date: 11-07-78
TO PREVENT AN IN-FLIGHT POWER LOSS DUE TO AN OVER RICH CONDITION, CONTD.

Comp.Date:	Hrs :	Next Due	Method of Compliance:	Auth. Signature & Number:
11/03/94	@ O/H:	N/A	FUEL SERVO O/H	BJ3R399L

AD No: 79-18-06 R Eff.Date: 10-31-79
* BENDIX - IGNITION LOSS

Comp.Date:	Hrs :	Next Due	Method of Compliance:	Auth. Signature & Number:
11/03/94	@ O/H:	N/A	REBUILT MAG INST.	BJ3R399L

AD No: 79-21-08 Eff.Date: 10-24-79
* BENDIX - POWER LOSS
Reference: SEE AD

Comp.Date:	Hrs :	Next Due	Method of Compliance:	Auth. Signature & Number:
11/03/94	@ O/H:	N/A	REBUILT MAG INST.	BJ3R399L

AD No. 80-17-14 Eff.Date: 08-21-80
* BENDIX - PRECLUDES LOSS OF IGNITION
Reference: SEE ISSUE

Comp.Date:	Hrs :	Next Due	Method of Compliance:	Auth. Signature & Number:
11/03/94	@ O/H:	N/A	REBUILT MAG INST.	BJ3R399L

AD No: 82-20-01 Eff.Date: 06-14-83
* BENDIX - TO PREVENT FAILURE OF IMPULSE COUPLING DUE TO IMPROPERLY HEAT TREATED (SOFT) FLYWEIGHTS, CONTD.

Comp.Date:	Hrs :	Next Due	Method of Compliance:	Auth. Signature & Number:
11/03/94	@ O/H:	N/A	REBUILT MAG INST.	BJ3R399L

AD No: 83-22-04 Eff.Date: 11-04-83
TO PREVENT ENGINE FAILURE DUE TO FATIGUE FAILURE OF THE INJECTOR FUEL DIAPHRAGM STEM

Comp.Date:	Hrs :	Next Due	Method of Compliance:	Auth. Signature & Number:
11/03/94	@ O/H:	N/A	O/H FUEL SERVO INST.	BJ3R399L

AD No: 91-08-07 Eff.Date: 05-06-91
TO PREVENT ENGINE POWER LOSS AND POSSIBLE LOSS OF THE AIRCRAFT

Comp.Date:	Hrs :	Next Due	Method of Compliance:	Auth. Signature & Number:
11/03/94	@ O/H:	N/A	PARA (B) (1)	
			VERIFIED FITTIN INST:	BJ3R399L.

AD No: 93-11-11 Eff.Date: 06-21-93
TO PREVENT DISRUPTION OF FUEL FLOW TO THE ENGINE, WHICH CAN RESULT IN A LOSS OF ENGINE POWER

Comp.Date	Hrs	Next Due	Method of Compliance	Auth. Signature & Number
11/03/94	@ O/H	N/A	N/A BY PAER # INST.	BJ3R399L

AD No: 94-01-03 R1 Eff.Date: 09-06-94
*TELEDYNE-TO PREVENT MAGNETO FAILURE AND SUBSEQUENT ENGINE FAILURE

Comp.Date	Hrs	Next Due	Method of Compliance	Auth. Signature & Number
11/03/94	@ O/H	N/A	REBUILT MAG INST.	BJ3R399L

[illegible] Eff.Date: [illegible]
[illegible]

Comp.Date	Hrs	Next Due	Method of Compliance	Auth. Signature & Number
11/03/94	@ O/H	N/A	REBUILT MAG INST.	BJ3R399L

==== AIRWORTHINESS DIRECTIVES SECTION ========== RECURRING ==========

AD No: 78-09-07 R3 RECURRING Eff.Date: 01-17-83
* BENDIX - TO PRECLUDE MAGNETO OR ENGINE FAILURE RESULTING FROM MAGNETO IMPULSE COUPLING FAILURE

Comp.Date	Hrs	Next Due	Method of Compliance	Auth. Signature & Number
11/03/94	@ O/H	EVERY 500 HOURS	REBUILT MAG INST.	BJ3R399L

AD No: 79-12-07 RECURRING Eff.Date: 06-19-79
* BENDIX - MODEL D-2000/D-2200 SERIES SIX-AND-EIGHT-CYLINDER MAGNETOS

Comp.Date	Hrs	Next Due	Method of Compliance	Auth. Signature & Number
11/03/94	@ O/H	N/A	REBUILT MAG INST.	BJ3R399L

AD No: 80-17-10 RECURRING Eff.Date: 08-18-80
TO PREVENT LOSS OF ENGINE POWER CONTROL DUE TO SEIZED THROTTLE MOVEMENT

Comp.Date	Hrs	Next Due	Method of Compliance	Auth. Signature & Number
11/03/94	@ O/H	N/A	N/A BY SERIAL #	BJ3R399L

AD No: 82-11-05 RECURRING Eff.Date: 06-09-82
* BENDIX - ENGINE POWER LOSS AND ENGINE DAMAGE RESULTING FROM LOOSENESS OF THE DISTRIBUTOR GEAR ELECTRODE
Reference: SEE ISSUE

Comp.Date	Hrs	Next Due	Method of Compliance	Auth. Signature & Number
11/03/94	@ O/H	N/A	REBUILT MAG INST.	BJ3R399L

AD No: 82-27-03 RECURRING Eff.Date: 12-30-82
* ROTO-MASTER/RAJAY - FIRE IN POWERPLANT NACELLE AND/OR HEAT DAMAGE TO POWERPLANT INSTALLATION.

Comp.Date	Hrs	Next Due	Method of Compliance	Auth. Signature & Number
11/03/94	@ O/H	N/A	N/A BY MANUFACTURE	BJ3R399L

AD No: 91-14-22 RECURRING Eff.Date: 08-19-91
TO PREVENT LOOSENING OR FAILURE OF THE CRANKSHAFT GEAR RETAINING BOLT, WHICH MAY CAUSE SUDDEN ENGINE FAILURE

Comp.Date	Hrs	Next Due	Method of Compliance	Auth. Signature & Number
11/03/94	@ O/H	EVERY ENG. TEARDOWN	C'SHAFT INSP & NEW STYLE GEAR INST	BJ3R399L

AD No: 91-21-01 RECURRING Eff.Date: 11-04-91
TO PREVENT CRACKING OR DISTORTION OF ENGINE EXHAUST SYSTEM FLANGES, V-BAND COUPLING, AND PIPES, CONTD.

Comp.Date	Hrs	Next Due	Method of Compliance	Auth. Signature & Number
11/03/94	@ O/H	N/A	LYC. SB 499A AND 484 PART 2 VERIFIED P.C.W.	BJ3R399L

AD No: 93-05-22 RECURRING Eff.Date: 05-11-93
TO PREVENT THE FAILURE OF THE FUEL INJECTOR FUEL LINES THAT CAN RESULT IN AN ENGINE FIRE

Comp.Date	Hrs	Next Due	Method of Compliance	Auth. Signature & Number
11/03/94	@ O/H	EACH 100 HRS/ANNUAL	PARA (a) (1), (2)	BJ3R399L

DATE 19____	RECORDING TACH TIME	TODAYS 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.)

Victor Aviation™

VICTOR AVIATION SERVICES, INC.
P.O. BOX 50608
PALO ALTO, CA 94303-0608
(415) 856-7616
650
F.A.A. CERTIFIED
REPAIR STATION #BJ3R399L

A/C Reg. # N8137V A/C Ser. # _____ W.O. # 9671
Engine Make LYCOMING Model TIO540-S1AD
Serial # L6560-61A Eng. T.T. 1780.1 S.M.O.H. -0-
A/F T.T. 1780.1 Hobbs Time _____ Tach Time 1780.1

1. Engine major overhauled "Black Edition Series", with new factory cylinders.
2. Crankcase repaired and certified by Nickson's Machine Shop, Inc.
3. Magneto by T.C.M., ignition harness by Skytronics.
4. Fuel injection system by Consolidated Fuel Systems.
5. Starter overhauled by Aero Electric.
6. See front of log book for AD listing, see rear for maintenance release.
7. The engine identified above was repaired and inspected in accordance with current Federal Air Regulations and was found Airworthy for return to service for the work performed. Pertinent details of the repair are on file at this agency under work order # 9671 dated 8/11/94.
8. Total time to be entered by installing agency.
9. Nothing follows.

Inspector Jim Rara Date 11/03/94
For repair station of Victor Aviation Services, Inc.

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DATE 19____	RECORDING TACH TIME	TODAYS 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.)

CAUTION

DO NOT USE DETERGENT OIL IN THIS ENGINE

UNTIL OIL CONSUMPTION STABILIZES AND APPROVAL HAS BEEN GIVEN BY VICTOR AVIATION SERVICES, INC.

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DATE 19 95	RECORDING TACH TIME	TODAYS 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.)
1-2-95	1780.1		0, SMOH	Installed in aircraft this date. Repaired and replaced baffles as needed. Replaced all baffle seals. Installed all new lifetime hoses. Exhaust system reworked by Knisley welding in Loomis Ca.. Replaced Vacuum pump with new unit. Replaced brushes & bearings in alternator.
				I Certify that this Engine has been inspected in accordance with a Annual inspection on 1-2-95 and was determined to be in airworthy condition [signature] RS DJ3R451L
				Tach. Time 1780.1 Total Time SMOH 00.0
				On file WO# 4080 to # 4208

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DATE 19 95	RECORDING TACH TIME	TODAYS 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.)
3/13/95	179541			1) COMPLETED 50 HR INSPECTION 2) DRAIN OIL CHANGE FILTER + SERVICE 12 QTS AEROSHELL 100 3) REMOVE CYLINDERS 2, 4, 6 AND INSPECT ROD BOLTS PER SERVICE LETTER 95-001 4) RUN + TEST FLIGHT OK
				The aircraft, airframe, aircraft engine, propeller or appliance 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. 4285 Date 3/13/95
				Signed [signature] #2 for Rep. Sta. ~~[illegible]~~ DJ3R451L

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DATE 19 95	RECORDING TACH TIME	TODAYS 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.)
6-15	1836.89			50HR INSPECTION COMPLETED. CHANGED OIL & OIL FILTER. SERVICED ENGINE WITH 11QTS AEROSHELL 15W-50. RAN UP ENGINE CHECKED FOR LEAKS NONE FOUND. Michael Whitt A&P 548151621
8-31-95	1881.56			Clean gap & test spark plugs. Change & inspect oil filter. Service with Aero Shell 100W Compression Checks #1 79 #3 79 #5 79 #2 79 #4 80 #6 79 I certify that this Engine has been inspected in accordance with a 100 hr inspection on 8-31-95 and was determined to be in airworthy condition. RS DJ3R451L Tach Time 1881.56 Total Time 101.46 On file WO # 4286

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DATE 19 96	RECORDING TACH TIME	TODAYS 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.)
2-5-96	1936.1			Clean gap & test spark plugs. Change oil & filter — service with Aero Shell 100W. Compression Checks #1 80 #3 79 #5 80 #2 80 #4 79 #6 80 I certify that this Engine has been inspected in accordance with a Annual inspection on 2-5-96 and was determined to be in airworthy condition. RS DJ3R451L Tach Time 1936.1 Total Time 156 SMOH On file WO # 4439

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DATE 19____	RECORDING TACH TIME	TODAYS 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.)
10-4-96	2001.27			Complete 50 hr inspection. Service with Aero Shell 100W. John R Shep A&P 557868027
3-17-97	2050.92		SMOH 270.82	Clean gap & test spark plugs. Change & inspect oil filter. Drain oil & service with Aero Shell 100 W. CW AD 96-26-13 - oil hose inspection. Compression check #1 79 #3 78 #5 80 #2 79 #4 78 #6 77
				I certify that this engine has been inspected in accordance with an annual inspection & found in airworthy condition. John R Shep RS DJ3R451L. On file WO# 4604

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DATE 1992	RECORDING TACH TIME	TODAYS 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.)
11/20/97	2134.22			CHANGED OIL & FILTER SERVICED WITH 12 QTS AEROSHELL 100 W MADE HEAT SHIELD FOR VACUUM PUMP
				The aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administratio and is approved for return to service. Pertinent details of the repair are on file under WO# 4816 Date 11/20/97 Signed [illegible] For Repair Station DJ3R451L
4-30-98	2150.17		~~215~~	Cleaned gaped & tested spark plugs. Changed oil & filter - serviced with Aero Shell 100 W. Compression check #1 72 #3 73 #5 73 #2 72 #4 72 #6 72 → over

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DATE 19____	RECORDING TACH TIME	TODAYS 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.)
4-30-98	2150.17			I certify that this Engine has been inspected in accordance with a Annual inspection on 5-15-98 and was determined to be in airworthy condition [signature] inspector # 1 .On file work order # 4885 at repair station DJ3R451L Tach time 2150.17 Total time 370.07 SMOH
12-31-98	2220.7			Changed oil and filter. Serviced engine with Shell 100cw. M. Brown A&P 2028535

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DATE 19 99	RECORDING TACH TIME	TODAYS 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.)
5-6	2253.5	473.4 SMOH	2253.5	Annual inspection completed. Comp Ck 1 76/80, 2 77/80, 3 76/80, 4 76/80, 5 76/80, 6 78/80. Replaced clamp on turbo charger exhaust pipe. Replaced both points in mag and installed a new PN 10-400376 impulse coupling on mag. Installed 12 new RHB37E spark plugs. Changed oil and filter. Serviced engine with Shell 15W-50. Complied with the following AD's AD96-12-07 Impulse coupling inspection. Replaced impulse coupling. Due again at 2753 hrs AD98-18-12 Fuel Pump. Checked torque on screws. No looness noted. No further action required AD93-05-22 Fuel line inspection. No discrepancies noted.

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DATE 19 99	RECORDING TACH TIME	TODAYS 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.)
5-6	2253.5		2253.5	Due again 2353 hrs or 5-2000 AD 92-12-01 R1 Exhaust inspection. No discrepancies noted. Due again 2353 hrs.

DATE 5-6-99 TOTAL TIME 2253.5
I CERTIFY THAT THIS Engine HAS BEEN
INSPECTED IN ACCORDANCE WITH A Annual
INSPECTION AND WAS DETERMINED TO BE IN
AIRWORTHY CONDITION
M. Brown A&P 2028525
IA

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DATE 19 99	RECORDING TACH TIME	TODAYS 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.)
12-14	2314.6			Changed oil and filter. Serviced engine with Shell 15W50 M. Brown A&P 2028525
6-15-2000 SMOH	2358.12 578.02	—	2358.12	Annual Inspecion completed. Comp CK. ①74/80 ②74/80 ③72/80 ④72/80 ⑤76/80 ⑥72/80 Changed oil & filter, Serviced engine with Aeroshell 15w-50. Replaced gasket & seal on #6 intake tube. Replaced seals on #5 intake push rod tube housing. Retimed mag to eng. Replaced alternator belt. Replaced crankshaft seal. Replaced seal on dip stick. Replaced gasket on oil temp sender. > cont. on next page →

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DATE 20 ~~19~~ 00	RECORDING TACH TIME	TODAYS 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.)
6-15-2000	2358.12	–	2358.12	Annual insp. Cont. from prev. page.
SMOH	578.02			C/w the following AD's
				AD 91-21-01 Exh. insp. para (a)(2)(i) & (a)(2)(ii) no discrepancies. Due again @ 2458.12
				AD 93-05-22 Fuel inj. line & clamp insp., No defects. Due again 6-2001 & 2458.1 hrs.
				AD 96-12-07 will be due again @ 2753 hrs.
				DATE 6-15-2000 TOTAL TIME 2358.12 I CERTIFY THAT THIS Engine HAS BEEN INSPECTED IN ACCORDANCE WITH A Annual INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION Greg Thompson A&P 526218686 IA

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DATE 19 ___	RECORDING TACH TIME	TODAYS 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.)
10-12-00	2416.14	–		Changed oil & filter. Serviced engine with Aeroshell W100. Greg Thompson A&P 526218686
7-2-01	2459.19	–	2459.19	Annual inspection Completed.
SMOH	–679.09			comp CK @ 76/80 @ 73/80 @ 78/80 @ 77/80 @ 79/80 @ 75/80
				Changed oil & filter, Serviced engine with Aeroshell W100 oil. Cleaned fuel injectors & replaced seals. Replaced upper deck injector pressure hose on injector #5. Replaced #5 CHT probe. Tightened loose alternator mount bracket.
				AD 93-05-22 Fuel injector line retainer & clamp inspection. No defects.
				(continued on next page)

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7-2-01	2459.19	—	2459.19	Annual continued -
SMOH —	679.09			
				AD91-21-01 Exhaust insp. IAW (a) (2) (i) and (a) (2) (ii). No defects.
				DATE 7-2-01 TOTAL TIME 2459.19 I CERTIFY THAT THIS Eng. HAS BEEN INSPECTED IN ACCORDANCE WITH A Annual INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION Trey Thompson A&P 526528686 IA

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8-2-02	2528.3		2528.3	Annual inspection completed. Comp. CK 1 74/80, 2 75/80, 3 75/80, 4 77/80, 5 78/80, 6 75/80 Changed oil and filter. Serviced engine with Shell 15W50. Installed 12 new RHB37E spark plugs. Complied with the following ADs. AD91-21-01 R1 Exhaust system. No discrepancies noted. Due again 2628 hrs AD93-05-22 Fuel line inspection. No discrepancies noted. Due again 8-03. AD-02-12-01 Oil filter adapter does not apply. Gasket not replaced. continued

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DATE 19____	RECORDING TACH TIME	TODAYS 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.)
				DATE 8-2-03 TOTAL TIME 2528.3 I CERTIFY THAT THIS Engine HAS BEEN INSPECTED IN ACCORDANCE WITH A Annual INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION M. Brown A+P 2028525IA

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DATE 19____	RECORDING TACH TIME	TODAYS 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.)
9-22-03	2541.5 811.4 SMOH		2541.5	Annual inspection completed. Comp. Ck. 1 77/80, 2 76/80, 3 78/80, 4 77/80, 5 78/80, 6 74/80. Changed oil and filter. Serviced engine with Shell 15W-50. Replaced exhaust transition assy. pn LW16858 with a new part. Reinstalled exhaust system after repair by Knisley welding, WO11744. Resealed push rod housings on #2 cyl. and intake push rod housing on #5 cyl. Replaced rod end on waste gate control. Complied with the following ADs: AD02-23-06 Crankshaft gear bolt. NA due to date of overhaul. AD02-26-01 Fuel line inspection. No discrepancies noted. Due again 9-04. continued

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DATE 19____	RECORDING TACH TIME	TODAYS 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.)
9-22-03	2591.5		2591.5	AD03-14-03 Fuel pump screw-torque. No discrepancies noted.
				AD91-21-01R1 Exhaust system inspection. No discrepancies noted. Due again at 2691 hrs
				DATE 9-22-03 TOTAL TIME 2591.5
				I CERTIFY THAT THIS Engine HAS BEEN
				INSPECTED IN ACCORDANCE WITH A Annual
				INSPECTION AND WAS DETERMINED TO BE
				IN AIRWORTHY CONDITION
				M. Brown
				A&P2028525 IA

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DATE 19____	RECORDING TACH TIME	TODAYS 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.)
	2684.6		2684.6	

ENGINE MODEL:
TIO-540-S1AD
ENGINE S/N: L-6560-61A
REG. NO: 8137V
WORK ORDER: 11020

Air West Aircraft Engines
670 Airport Blvd.
San Carlos, CA 94070

Repair Station No. TV3R881L

DATE: 12/6/2004
TTA:
TTE: 2684.6
TSMOH: 904.5
TACH: 2684.6

Engine Entries

LYCOMING TIO-540-S1AD SN L-6560-61A , DISASSEMBLE, CLEAN AND INSPECT FOR DAMAGE FROM METAL CONTAMINATION, ASSEMBLE ENGINE WITH NEW CAMSHAFT AND LIFTERS, MAIN BEARINGS, ROD BEARINGS, ROD BOLTS AND NUTS, NEW OIL PUMP HOUSING, NEW GASKETS AND SEALS, ENGINE ASSEMBLED IN ACCORDANCE WITH APPROVED DATA.... OVERHAUL 6 CYLINDERS, REPLACE INTAKE AND EXHAUST GUIDES, REPLACE EXHAUST VALVES, REPLACE PISTONS, FIT NEW RINGS TO PISTONS AND CYLINDERS, REPLACE ROCKER SHAFTS, REFACE INTAKE VALVES, REFACE SEATS, LAP VALVES, ASSEMBLE VALVES AND LEAK CHECK OK. ... INSTALLED REINFORCED CRANKCASE CASTING # LW18541 & LW18542 MATCH #336 OVERHAULED BY DIVCO WO# WDC#85797 SEE 8130-3 DATED 6/23/04.... INSTALL REBUILT MAGNETO PN BL-682560-13 SN G04JA025R BY TCM WO# P71161, ENGINE SERVICED WITH AEROSHELL MINERAL OIL. ... AD 2002-12-07 PREVENT COMPLETE LOSS OF ENGINE OIL. C/W TERMINATING ACTION AT ENGINE REPAIR BY BONDING GASKET IAW MSB 543A SUP. 1, AD 2002-26-01 PREVENT FAILURE OF THE FUEL INJECTOR FUEL LINES, C/W AT ENGINE REPAIR BY INSTALLATION AND INSPECTION IAW MSB 342D. ...

Air West Aircraft Engines certifies that this engine has been disassembled, inspected, repaired and tested. Procedures and limits used are in accordance with FAA approved data. Air West Aircraft Engines certifies the engine 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.

WORK ORDER: 11020

DATE: 12/6/2004 SIGNED:

Nelson Andrade
Certified Repair Station No. TV3R881L

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DATE 2005 19____	RECORDING TACH TIME	TODAYS 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.)
1-5-05	2684.6		2684.6	Reinstalled engine after repair by Air West Aircraft Engines, WO 11020. Engine serviced with Shell 100 mineral oil. Complied with AD 91-21-01R1 Exhaust system inspection. No discrepancies noted. Due again at 2784 hrs.
				DATE 1-5-05 TOTAL TIME 2684.6 I CERTIFY THAT THIS Engine HAS BEEN INSPECTED IN ACCORDANCE WITH A Annual INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION M. Brown A&P 2028525 IA

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DATE ____ 19____	RECORDING TACH TIME	TODAYS 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.)
4-5-05	2697.9			CHECKED BALANCE ON PROP, ADDED ONE WEIGHT. John Rauz A&P 564601385
5-31-05	2707.5			CHANGED OIL AND FILTER, SERVICED ENGINE WITH SHELL 15W50 OIL. John Rauz A&P 564601385
7-7-05	27326			REPLACED VACUUM PUMP WITH NEW RAPCO RA 215CC PUMP. John Rauz A&P 564601386

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DATE 19____	RECORDING TACH TIME	TODAYS 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.)
12-12-05	2768.2			Replaced seals on #3 exhaust push rod shroud. M. Brown A+P 2028525
1-27-06	2773.7		2773.7	Annual inspection completed. Comp. Ck. 1 72/80, 2 76/80, 3 73/80, 4 74/80, 5 73/80, 6 76/80 Changed oil and filter. Serviced engine with Shell 15W50. Retimed mag to engine. C/W AD 02-26-01 Fuel injector line inspection. Due again 1-07 or 2873 hrs. C/W AD 95-26-13 Oil hose inspection. Due again at 2873 hrs

DATE 1-27-06 TOTAL TIME 2773.7
I CERTIFY THAT THIS Engine HAS BEEN
INSPECTED IN ACCORDANCE WITH A Annual
INSPECTION AND WAS DETERMINED TO BE
IN AIRWORTHY CONDITION

M. Brown
A+P 2028525 IA

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DATE 2006 19____	RECORDING TACH TIME	TODAYS 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.)
12-9-06	2930.6			Replaced starter with a new SkyTec part no. 149-NL. Serial no FN-400645 M. Brown A+P 2028525
1-26-07	2842.4		2842.4	Annual inspection completed. Comp Ck. 1 76/80, 2 74/80, 3 77/80, 4 76/80, 5 77/80, 6 74/80 Changed oil and filter. Serviced engine with Shell 15W50. C/W AD 02-26-01 Fuel line inspection. Due again 1-08 or 2942 hrs. and AD 91-21-01 R1 Exhaust inspection. Due again at 2942 hrs. AD 95-26-13 Oil cooler hose inspection. Due again at 2942 hrs. Installed 12 new RHB37E spark plugs. Continued

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DATE 2007 19____	RECORDING TACH TIME	TODAYS 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.)
1-26	2842.4		2842.4	Tightened alternator drive belt.
				DATE 1-26-07 TOTAL TIME 2842.4 I CERTIFY THAT THIS Engine HAS BEEN INSPECTED IN ACCORDANCE WITH A Annual INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION M. Beeson A+P 2028525 IA

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DATE 2007 19____	RECORDING TACH TIME	TODAYS 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.)
11-26	2910.0		2910.0	Annual inspection completed. Comp. Ck. 1 77/80, 2 75/80, 3 76/80, 4 77/80, 5 75/80, 6 74/80. Changed oil and filter. Serviced engine with Shell 15 W 50. Replaced seals on #1 intake push rod housing and #2 exhaust push rod housing. Complied with the following AD's AD 91-21-01 R1 Exhaust inspection. Due again at 3010 hrs. AD 07-26-01 Fuel line inspection. Due again 11-08- or 3010 hrs.
				DATE 11-26-07 TOTAL TIME 2910.0 I CERTIFY THAT THIS Engine HAS BEEN INSPECTED IN ACCORDANCE WITH A Annual INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION M. Beeson A+P 2028525 IA

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DATE 19_____	RECORDING TACH TIME	TODAYS 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.)

MOUNTAIN AIRE AVIATION, INC.
22363 S. Airport Road, Sonora, CA 95370

N Number	N8137V	Tach:	2978.6
Engine Make & Model	Lycoming TIO540-S1AD	Hobbs:	
Engine Serial Number	L6560-61A	Total Time:	2978.6
Date		SMOH:	1198.5

Annual inspection completed in accordance with Part 43, App. D. Compression check reads as follows, 1-76/80, 2-76/80, 3-76/80, 4-75/80, 5-73/80, 6-78/80. Changed oil and filter, serviced engine with Aeroshell 15W50. Tightened all rocker cover screws. Replaced upper deck pressure hose couplers on cylinders 2-4 and 6. Replaced induction air filter. Complied with the following AD's.
AD 91-21-01 R1 C Exhaust inspection, due again at 3078 hrs.
AD 2008-14-07 Fuel line inspection, due again 12-2009 or 3078 hrs.

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

Andrew Turpen
Andrew B. Turpen A&P 3138494 IA

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DATE Nov 9 19_____	RECORDING TACH TIME	TODAYS 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.)
11.3	3043.9			Resealed oil filler neck. M. Brown A&P 2028525

MOUNTAIN AIRE AVIATION, INC.
22363 S. Airport Road, Sonora, CA 95370

N Number	N8137V	Tach:	3046.9
Engine Make & Model	Lycoming TIO540S1AD	Hobbs:	
Engine Serial Number	L6560-61A	Total Time:	3046.9
Date	12-17-09	SMOH:	1266.8

Annual inspection completed in accordance with Part 43, App. D.
Compression check: 1-74/80; 2-74/80; 3-74/80; 4-72/80; 5-74/80; 6-74/80. Changed oil and filter. Serviced engine with Shell 15W/50. Resealed #6 intake valve push rod housing. Replaced gaskets on #2, #3 and #5 rocker covers. c/w AD 08-14-07 Fuel line inspection due again 12-10. AD91-21-01 R1 Exhaust insp Due again at 3146 hrs

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

M Brown
Michael B. Brown, A&P 2028525 IA

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DATE 2010 19____	RECORDING TACH TIME	TODAYS 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.)
6/18	3070.54			Replaced O-Ring on oil filler tube cap.
				J. Barton
				A&P 3339522

MOUNTAIN AIRE AVIATION, INC.
22363 S. Airport Road, Sonora, CA 95370

N Number	N8137V	Tach:	3088.9
Engine Make & Model	Lycoming TIO540S1Ad	Hobbs:	
Engine Serial Number	L6560-61	Total Time:	3088.9
Date	12/21/10	SMOH:	1308.8

Annual inspection completed in accordance with Part 43, App. D.
Compression check: 1-71/80; 2-74/80; 3-76/80; 4-75/80; 5-71/80; 6-73/80. Changed oil and filter.
Serviced engine with Shell 15W50. Replaced seals on #4 intake push rod shroud. Retorqued bolts on crankcase upper split line. Replaced gaskets on #1, 3, & 5 rocked covers. Complied with AD 08-14-07 Fuel line inspection. Due again at 3188 hrs or 12/11.

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

M Brown
Michael B. Brown A&P 2028525 IA

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DATE 19____	RECORDING TACH TIME	TODAYS 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.)

MOUNTAIN AIRE AVIATION, INC.
22363 S. Airport Road, Sonora, CA 95370

N Number	N8137V	Tach:	Old 3160.9 New 0.0
Engine Make & Model	Lycoming TIO540-S1AD	Hobbs:	
Engine Serial Number	L-6560-61	Total Time:	3160.9
Date	2/2/12	SMOH:	1380.8

Annual inspection completed in accordance with Part 43, App. D.
Compression check: 1-75/80; 2-72/80; 3-75/80; 4-75/80; 5-71/80; 6-70/80. Changed oil and filter.
Serviced engine with Shell15W50. Installed 12 new RHB37E spark plugs. Replaced magneto heat shield. Reinstalled magneto after a 500 hour inspection by Aircraft Electrical Components, Inc. (WO22719).
Installed a new tachometer reading 0.0.
Engine total time; 3160.9
Engine SMOH; 1380.8
Complied with the following ADs.
AD 91-21-01 R1 Para. (a)(2)(i) Exhaust system inspection. Due again at 3260.9 hours TT.
AD 11-26-04 Fuel line inspection. Due again at 3260.9 hours TT or 2/13.
AD 05-12-06 Magneto 500 hour inspection. Due again at 3660.9 hours.

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

M Brown
Michael B. Brown A&P 2028525 IA

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DATE 19_____	RECORDING TACH TIME	TODAYS 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.)

Mountain Aire Aviation, Inc.
22363 S. Airport Road, Sonora, CA 95370

REG #	N8137V	DATE	7-20-2012
MAKE	Lycoming	TACH	3174.6
MODEL	TIO-540-S1AD	TOTAL TIME	
SERIAL #	L-6560-61	SMOH	

Installed new rocker cover gaskets on cylinders 2, 4 and 6 per Lycoming SSP1776. Run and leak check ok.

Renner L. Brewer A&P 3177530

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DATE 19_____	RECORDING TACH TIME	TODAYS 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.)

MOUNTAIN AIRE AVIATION, INC.
22363 S. Airport Road, Sonora, CA 95370

N Number	N8137V	**Tach:**	22.2
Engine Make & Model	Lycoming TIO540-S1AD	**Hobbs:**	
Engine Serial Number	L-6560-61	**Total Time:**	3183.1
Date	3-1-2013	**SMOH:**	1403.0

Annual inspection completed in accordance with Part 43, App. D.
Compression check: 1-75/80, 2-72/80, 3-70/80, 4-69/80, 5-70/80, 6-71/80. Changed oil and filter, inspected old filter no findings. Serviced engine with 11Qts Aero Shell 15W50 oil. Run and leak check ok. Adjusted idle mixture three clicks rich. Replaced intake gasket on #3 cylinder and tightened bolts on remaining intakes per Lycoming SSP1776.
Complied with the following AD's:
AD 91-21-01 R1 C Exhaust system inspection. By inspection per paragraph (a)(2)(i) and (ii). Next due 3283.1
AD 2011-26-04 Fuel line inspection. By inspection, no defects noted. Next due 3283.1 or 3/2014.

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

Renner L. Brewer A&P 3177530 IA

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DATE 19____	RECORDING TACH TIME	TODAYS 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.)

MOUNTAIN AIRE AVIATION, INC.
22363 S. Airport Road, Sonora, CA 95370

N Number	N8173V	**Tach:**	50.6
Engine Make & Model	Lycoming TIO540-S1AD	**Hobbs:**	
Engine Serial Number	L-6560-61	**Total Time:**	3211.5
Date	4-21-2014	**SMOH:**	1431.4

Annual inspection completed in accordance with Part 43, App. D.
Compression check: 1-75/80, 2-75/80, 3-73/80, 4-74/80, 5-76/80, 6-74/80. Changed oil and filter.
Inspected old oil filter, no findings. Serviced engine with 11 Qts. Aero Shell 15W50 oil. Run and leak check ok.
Complied with the following AD:
AD 2011-26-04Fuel line inspection. By visual inspection, no defects noted. Next due 3311.5 or 4/2015

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

Renner L. Brewer A&P 3177530 IA

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DATE 19____	RECORDING TACH TIME	TODAYS 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.)

MOUNTAIN AIRE AVIATION, INC.
22363 S. Airport Road, Sonora, CA 95370

N Number	N8137V	**Tach:**	75.7
Engine Make & Model	Lycoming TIO 540-S1AD	**Hobbs:**	
Engine Serial Number	L-6560-61	**Total Time:**	3236.6
Date	4-10-2015	**SMOH:**	1456.5

Annual inspection completed in accordance with Part 43, App. D.
Compression check: 1-71/80, 2-73/80, 3-75/80, 4-74/80, 5-75/80, 6-72/80. Changed oil and filter.
Inspected old oil filter, no findings. Serviced engine with 11 Qts. 15W50 oil. Run and leak check ok.
Replaced gasket on #2 cylinder rocker cover. Cleaned and resealed fuel injector nozzles.
Complied with the following AD:
AD 2011-26-04 Fuel line inspection. By visual inspection per MSB 342F, no defects noted. Next due3336.6, 4/2016 or when work performed on fuel lines.

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

Renner L. Brewer A&P 3177530 IA

DATE 19____	RECORDING TACH TIME	TODAYS 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.)

MOUNTAIN AIRE AVIATION, INC.
22363 S. Airport Road, Sonora, CA 95370

N Number	N8137V	Tach:	92.1
Engine Make & Model	Lycoming TIO-540-S1AD	Hobbs:	
Engine Serial Number	L-6560-61	Total Time:	3253.0
Date	4-14-2016	SMOH:	1472.9

Annual inspection completed in accordance with Part 43, App. D.
Compression check: 1-75/80, 2-72/80, 3-74/80, 4-73/80, 5-73/80, 6-75/80. Changed oil and filter. Inspected old oil filter, no findings. Serviced engine with 11 Qts Aero Shell 15W50 oil. Run and leak check ok. Installed one new spark plug in top #4 cylinder.
Complied with the following AD's:
AD2011-26-04 Fuel injection line inspection. By visual per MSB 342F, no defects noted. Next due 3353.0, 4-2017 or when work performed on fuel lines.
AD2015-19-07 Fuel line inspection. Per MSB 342G. No defects noted. Fuel line inspection and installation check list completed. Next due when lines removed or 110 hrs. after engine O/H.

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

Renner L. Brewer A&P 3177530 IA

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N8137V Eng. TIO-540-S1AD
Engine S/N: L-6560-61
Date: 05-01-17

PACIFIC AIRCRAFT SERVICE

Tach/HM: 125.3
Total Time: 3286.2
Work Order: 9735

700 Tioga Dr. Hgr #3 Modesto, CA 95354
(209) 524-1758

LOGBOOK ENTRY:
Annual inspection completed this date. Compression Test. #1-77, #2-74, #3-72, #4-78, #5-78, #6-75. Changed oil and filter. Serviced engine with 11 quarts of AeroShell 15W50. Oil filter and suction screen inspected, no visible contamination. Spark plugs serviced and reinstalled with new gaskets. Installed new P/N AE3660001B0130 oil return hose from turbo tank to accessory case. Hose was provided by Herber Aircraft Services, Inc. C/W AD 2015-19-07 (Fuel Lines) by insp. Next due 3386.2. C/W AD 91-21-0R1 (Exhaust System Inspection) IAW par (a) (2) (i) and (ii). Next due 3386.2. I certify that this Engine has been inspected in accordance with the requirements of FAR 43, App. D and Maintenance Manual for an Annual inspection and determined to be in an airworthy condition.

Signature: Shane M Cooper
Shane M Cooper A&P 3833536 IA

N8137V Eng. TIO-540-S1AD
Engine S/N: L-6560-61
Date: 05-25-18

PACIFIC AIRCRAFT SERVICE

Tach/HM: 166.8
Total Time: 3327.7
Work Order: 1243

700 Tioga Dr. Hgr #3 Modesto, CA 95354
(209) 524-1758

LOGBOOK ENTRY:
Annual inspection completed this date. Compression Test. #1-72, #2-75, #3-74, #4-75, #5-75, #6-74. Changed oil and filter. Serviced engine with 11 quarts of AeroShell 15W50. Oil filter and suction screen inspected, no visible contamination. Spark plugs serviced and reinstalled with new gaskets. C/W AD 2015-19-07 (Fuel Lines) by insp. Next due 3427. C/W AD 91-21-0R1 (Exhaust System Inspection) IAW par (a) (2) (i) and (ii). Next due 3427. AD 2017-16-11 (Con Rods) N/A not replaced in subject date. I certify that this Engine has been inspected in accordance with the requirements of FAR 43, App. D and Maintenance Manual for an Annual inspection and determined to be in an airworthy condition.

Signature: Paul S. Kline
Paul S. Kline A&P 571942173 IA

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DATE 19____	RECORDING TACH TIME	TODAYS 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.)

N2 Aviation Works
ENGINE LOG

MAKE: Lycoming MODEL: TIO-540-S1AD N8137V SN;L-6560-61 Hobbs 181.0 DATE: 07/24/2019 Total Time 3341.9 A 100 hour/Annual inspection completed this date in accordance with FAR 43 Appendix D. Perform compression test over 80 lbs. #1- 76, #2-68, #3-68, #4-72, #5-78, #6-76 Replaced air filter element BA-7 Replaced TIT Probe P/N 2871 S/N 10689 Lubricated Exhaust slip joints and Waste gate Retorqued V-Band Clamps, Borescope All Cylinders and Turbine Wheel Verified Compliance of AD's AD 2015-19-07 Fuel Injector lines, AD 2017-14-04 Oil Cooler Hose Inspection Paragraph (G) Cleaned & ran to check for leaks. None noted. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION FOR RETURN TO SERVICE AT THIS TIME.

John Neely AP 430274061 IA

N2 Aviation Works
ENGINE LOG

MAKE: Lycoming MODEL: TIO-540-S1AD N8137V SN;L-6560-61 Hobbs 203.5 DATE: 07/30/2020 Total Time 3364.4 A 100 hour/Annual inspection completed this date in accordance with FAR 43 Appendix D. Perform compression test over 80 lbs. #1- 70, #2-72, #3-72, #4-74, #5-76, #6-70 Replaced air filter element BA-7 Lubricated Exhaust slip joints and Waste gate Retorqued V-Band Clamps, Borescope All Cylinders and Turbine Wheel Verified Compliance of AD's AD 2015-19-07 Fuel Injector lines, AD 2017-14-04 Oil Cooler Hose Inspection Paragraph (G) Changed Oil with 10 QTS Aeroshell W15-50 Oil Filter CH48103-1Cleaned & ran to check for leaks. None noted. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION FOR RETURN TO SERVICE AT THIS TIME.

John Neely AP 3355796IA

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DATE 19____	RECORDING TACH TIME	TODAYS 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.)

N2 Aviation Works
ENGINE LOG

MAKE: Lycoming MODEL: TIO-540-S1AD N8137V SN;L-6560-61 DATE: 05/3014/2021 Tach. Time 3376.3
Installed New Dry Air Vacuum Pump P/N RAP215CC S/N A74493

WITH RESPECT TO WORK COMPLETED THIS AIRCRAFT IS IN AIRWORTHY CONDITION FOR RETURN TO SERVICE AT THIS TIME

John Neely A&P3355796IA

N2 Aviation Works
ENGINE LOG

MAKE: Lycoming MODEL: TIO-540-S1AD N8137V SN;L-6560-61 DATE: 08/11/2021 Total Time 3383.8 A 100 hour/Annual inspection completed this date in accordance with FAR 43 Appendix D. Perform compression test over 80 lbs. #1- 74, #2-78, #3-76, #4-74, #5-76, #6-76 Replaced air filter element BA-7 Lubricated Exhaust slip joints and Waste gate Retorqued V-Band Clamps, Borescope All Cylinders and Turbine Wheel Verified Compliance of AD's AD 2015-19-07 Fuel Injector lines, AD 2017-14-04 Oil Cooler Hose Inspection Paragraph (G) Changed Oil with 10 QTS Aeroshell W15-50 Oil Filter CH48103-1 Cleaned Fuel Injectors Replaced O rings P/N 951391 6 Ea. Cleaned & ran to check for leaks. None noted. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION FOR RETURN TO SERVICE AT THIS TIME.

John Neely AP 3355796IA

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DATE 19____	RECORDING TACH TIME	TODAYS 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.)
				N2 Aviation Works **ENGINE LOG** MAKE: Lycoming MODEL: TIO-540-S1AD N8137V SN;L-6560-61 DATE: 09/07/2022 Total Time 3409.8 A 100 hour/Annual inspection completed this date in accordance with FAR 43 Appendix D. Perform compression test over 80 lbs. #1- 72, #2-76, #3-76, #4-76, #5-76, #6-74 Replaced air filter element BA-7 Lubricated Exhaust slip joints and Waste gate Retorqued V-Band Clamps, Borescope All Cylinders and Turbine Wheel Verified Compliance of AD's AD 2015-19-07 Fuel Injector lines, AD 2017-14-04 Oil Cooler Hose Inspection Paragraph (G) Changed Oil with 10 QTS Aeroshell W15-50 Oil Filter CH48103-1 Cleaned & ran to check for leaks. None noted. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION FOR RETURN TO SERVICE AT THIS TIME. William Rice A&P3403648IA
				N2 Aviation Works **ENGINE LOG** MAKE: Lycoming MODEL: TIO-540-S1AD N8137V SN;L-6560-61 Total Time 3412.2 Tach 251.3 DATE: 10/23/2023 A 100 hour/Annual inspection completed this date in accordance with FAR 43 Appendix D. Perform compression test over 80 lbs. #1- 72, #2-68, #3-72, #4-70, #5-70, #6-72 Replaced air filter element BA-7 Lubricated Exhaust slip joints and Waste gate Retorqued V-Band Clamps, Borescope All Cylinders and Turbine Changed Oil with 10 QTS Aeroshell W15-50 Oil Filter CH48103-1 Cleaned & ran to check for leaks. None noted. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION FOR RETURN TO SERVICE AT THIS TIME. William Rice A&P3403648IA

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DATE 19____	RECORDING TACH TIME	TODAYS 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.)

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