Avcon
INDUSTRIES, INC.

ENGINE
AND PROPELLER LOG

N 5140E SERIAL NO. 102 71233

Avcon
INDUSTRIES, INC.

P.O. Box 4248 North Wichita Station
1006 W. 53rd St. North
WICHITA, KANSAS 67204
Phone (316) 838-9375
Telex 417-306

Engine and Propeller Log

Comprehensive Recording of Engine and Propeller Records

ENGINE DESCRIPTION

Mfgr. AVCO-Lycoming | Place | Date

Type | Model O-360 A1A | Serial No. L-30251-36A

Rated H. P. 180 | Maximum H. P. | Weight (Dry)

Rated R. P. M. 2700 | Maximum R. P. M. | Oil Pressure

Bore | Stroke | Displacement | Cu. In.

Compression Ratio | Supercharger Ratio | Gear Ratio

Propeller HC-C2YK-1BF/F7666A-2 | Hub Design | Hub Serial No.

Blade Design | Blade Serial No. F22672 | Blade Serial No. F22711

Maximum Hub H. P. | Maximum Blade H. P.

Pitch | Diameter | Length

Owners Name

Address | City | State

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS — ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
May 4, 82			TACH 0.00 (NEW)						This Engine Factory New "0" Time This date. Eng Installed Per STC SA 807CE with Factory New "0" Time Hartzell Prop. Engine Serviced With Aero-Shell "100" Non-DeTg. for Breakin. Impulse Mag. Installed on Right Side To facilitate Eng Clearance. Eng run-up Check O.K. See 337 & WgT/Bal forms this DaTe. IcerTify Eng has been Insp I/A/W 100 hr Insp. and was deTermined To be in Airworthy Condition.		
—	—	—	—	—	—	—	—	—	- END -	AVCON Conversions Bob Williams (owner) A&P 538441382 Bob Williams	
BROUGHT FORWARD											
TOTALS											

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS — ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
							25	0			
									CHANGED OIL, SERVICED WITH AERO-SHELL 40 WT. NON DETERGENT.		
									CLEANED OIL SCREENS. INSTALLED NEW VACUUM PUMP DRIVE		
									SEAL. CHECKED MAG TIMING. INSTALLED RADIO NOISE FILTERS		
									ON BOTH MAG P LEADS.		
BROUGHT FORWARD											
TOTALS											

The aircraft power plant and/or component identified above was repaired and inspected in accordance with current Civil Air Regulations and was found airworthy for return to service.

Pertinent details of the repair are on file at this agency under work order No. A-6784

Date 8-19-82

Signed Richard Hollen for

AVCO LYCOMING DIV. AVCO CORP.
MANUFACTURER'S MAINTENANCE FACILITY # MMF-110-6
WILLIAMSPORT-LYCOMING COUNTY AIRPORT
MONTOURSVILLE, PENNSYLVANIA 17754

ENGINE LOG

DATE 1983	R. P. M. GROUND	R. P. M. AIR	TIME ON GROUND HRS.	TIME ON GROUND MIN.	TIME IN AIR HRS.	TIME IN AIR MIN.	TOTAL TIME HRS.	TOTAL TIME MIN.	REPAIRS — ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
7-13	TACK						42:	7	Annual Inspection this date.		
	Change oil & clean oil screen. Add 8qts Aero Shell 15W50										
	oil. Clean spark plugs, set gap & test. Compression test										
	#1- 80/80 #2- 79/80 #3- 79/80 #4- 79/80. Checked exhaust & intake systems.										
	Cleaned complete fuel system. Removed right mag to do #D										
	82-20-01 new impulse coupling. Retimed mags & checked.										
	Battery & box very dirty & corroded-cleaned & paint box. Clean										
	prop, dress nicks & paint. Clean up rust & paint where needed. Patch										
	cracked baffle at #2 cyl. Lub all engine controls. Reclamp										
	breatherline. Total time 42;7 HRS.										
									[redacted] ANNUAL		
									[redacted] 7-13-83		
BROUGHT FORWARD									[redacted]		IA-1072746
TOTALS									[redacted] MECHANIC'S SIGNATURE		
									NEXT ANNUAL 7-1984		IA-1072746

ENGINE LOG

DATE 1984	R. P. M. GROUND	R. P. M. AIR	TIME ON GROUND HRS.	TIME ON GROUND MIN.	TIME IN AIR HRS.	TIME IN AIR MIN.	TOTAL TIME HRS.	TOTAL TIME MIN.	REPAIRS — ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
8-3							68:	5	Annual Inspection on this date. Change oil & clean oil screen. Clean spark plugs, set gap, test & paint. Compression test #1 - 78/80 #2 - 76/80 #3 - 77/80 #4 - 79/80 - Check mags & timing & all wires. Clean complete fuel system. Replace all exhaust gaskets. Inspect intake & clean. Exhaust muff heat spring replaced with same size spring - only stainless steel installed. Tighten up, work down & run-up. Lub all controls & check. Aero Shell 15W50 oil added. Total time 68:5 HRS.		
									I HEREBY CERTIFY THAT THIS AIRCRAFT OR ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. CESSNA AIRCRAFT COMP., DATE 8-3-84 Andrew H. Stallings INSPECTION NO. IA-1072746		
BROUGHT FORWARD									NEXT ANNUAL 8-1985		
TOTALS											

ENGINE LOG

DATE 1984	R. P. M. GROUND	R. P. M. AIR	TIME ON GROUND HRS.	TIME ON GROUND MIN.	TIME IN AIR HRS.	TIME IN AIR MIN.	TOTAL TIME HRS.	TOTAL TIME MIN.	REPAIRS — ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
11-27							87:	8	Change oil & clean oil screen		
	Add 8 qts. - 15 W 50 Shell oil. clean plugs, set gap & test.										
	Drain & clean fuel strainer, carb finger screen & fuel										
	lower selector valve plug. Check for air leaks. Warm										
	down & run up. Checks out.										
						Corey Reber 244-19-1327					
BROUGHT FORWARD											
TOTALS											

ENGINE LOG

DATE 1985	R. P. M. GROUND	R. P. M. AIR	TIME ON GROUND HRS.	TIME ON GROUND MIN.	TIME IN AIR HRS.	TIME IN AIR MIN.	TOTAL TIME HRS.	TOTAL TIME MIN.	REPAIRS — ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
9-25	TACH 101:1 HRS						101:	1	Annual Inspection on this date		
	Change oil & clean oil screen. Add 8 qts. 15W50 Pen Shell oil.										
	Clean spark plugs, set gaps & test. Compression test #1-79/80										
	#2-79/80 #3-79/80 #4-79/80. Check exhaust & intake systems.										
	Clean fuel system complete & check. Check mags, timings										
	all wires. Check all accessories & lub controls. Check										
	carb air intake screen - O.K. per AD 85-26-02. Battery										
	box corroded clean prime & paint with acid proof paint. Positive										
	lead terminal end replaced. Battery serviced. Walk down										
	& sign off.										
									I CERTIFY THAT THIS AIRCRAFT OR ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS FOUND TO BE IN AIRWORTHY CONDITION	ANNUAL	
BROUGHT FORWARD											
TOTALS									Andrew H. Stiltner	9-25-85	IA-1072746
										NEXT ANNUAL 9-1986	

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS — ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
							5-13	86	CLEAN ALL FUEL SCREENS + BOWLS		
									REPLACE GASKET ON FINGER SCREEN		
							TAC READS		REPLACE GASKET ON ELECTRIC AUX PUMP		
							115.2		RUN UP CHECK MAG DROP CHECK		
									MAG TIMING CLEAN + SET BOTTOM		
									PLUGS		
									H J Morrison		2199336 AI
BROUGHT FORWARD											
TOTALS											

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS – ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
6-3-86							128	0	COMP CHECK #4 76/80		
									#2 75/80 #1 76/80 #3 75/80		
									CHANGE OIL & CLEAN		
									SCREENS		
									CLEAN GAP & TEST PLUGS		
									CHECK POINT & TIMING		
									CHECK EXHAUST MUFF		
									DRESS & PAINT PROP		
									WORK DONE IN ACCORDANCE		
									WITH ANNUAL INSPECTION		
									Howard Pearson	2199336 IAT	
BROUGHT FORWARD											
TOTALS											

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS — ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
7.3087									CHANGE OIL, CLEAN SCREEN TAC 154.5		
									Sgt 15-50 INSTALLED		
									INSTALL THRUST WASHERS		
									1W STARTER		
									H.F. Wornom 2199336		AI
BROUGHT FORWARD											
TOTALS											

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS — ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
11-24-87									Annual INSPECTION THIS DATE		
									COMPRESSION All Cyl EXCESS		75/80
									CHANGE OIL CLEAN SCREEN CLEAN &		
									GAP All Plugs INSTALL SAME.		
									AERO SHELL 15-50		
									Comply with Ad 86-24-07 drilled		
									Bolts in mix & THROTTLE Controls		
									★ SEND PROP OUT FOR Ad 77-12-06		

ARTEX AIRCRAFT SUPPLIES, INC.
24368 S. Skylane Dr. Canby, OR 97013
(503)266-3959 800-547-8901
LOG BOOK ENTRY
E.L.T. BATTERY REPLACEMENT DATE 11-89

BROUGHT FORWARD											
TOTALS									Taca Reads 159.0 Total Time 159.0		

I certify that this ~~aircraft~~ and/or engine has been inspected in accordance with a ANNUAL inspection and was determined to be in Airworthy Condition.

Date 11-24-87 No. 2199336

Signature [signature] A I

ENGINE LOG

DATE	R. P. M. GROUND	R. P. M. AIR	TIME ON GROUND HRS.	TIME ON GROUND MIN.	TIME IN AIR HRS.	TIME IN AIR MIN.	TOTAL TIME HRS.	TOTAL TIME MIN.	REPAIRS — ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
8/19/88	TACH		179.–						DRAINED OIL, INSPECTED + CLEANED SCREENS, INSTALLED 8 QTS 15-50W OIL. Joseph W Mulhall A&P 153500199 TRI STATE MAINT Kupper Apt.	AEROSHELL	
BROUGHT FORWARD											
TOTALS											

ENGINE LOG

DATE	R. P. M. GROUND	AI						RE	LICENSE NUMBER

Checked compression; #1 77/80, #2 78/80, #3 78/80, #4 79/80, ~~#5 /80, #6 /80;~~
Changed oil 8 qts, 15-50W Aeroshell & ~~changed filter~~/inspected-cleaned oil screen;
Cleaned-inspected-gapped-tested-rotated spark plugs; checked magnetos-breaker comp't-
Timing; inspected Engine-Prop-~~Turbocharger~~-Exhaust System; checked and lubed
Engine controls; washed down engine; cleaned fuel primer nozzles-~~fuel injector~~
~~Nozzles-fuel regulator~~/carb inlet screen-drained/flushed carb bowl; dressed down
& painted Prop; cleaned/~~replaced~~ induction air filter; engine ground runup okey.

DATE 11/25/88 TACH. 195.1

I CERTIFY THAT THIS ENGINE

HAS BEEN INSPECTED I. A. W. AN ANNUAL

INSPECTION AND HAS BEEN DETERMINED

TO BE IN AIRWORTHY CONDITION. W.O. # 1660

AUTHORIZED SIGNATURE ↓ ↓ A & P ↓

Brian E. Kovalcsik 1575658 I.A.

TRI-STATE MAINTENANCE, KUPPER AIRPORT, N. J.

RETIMED RT. MAG TO ENGINE SPECS.

INSTALLED ALCOR MULTI PROBE E.G.T.

SYSTEM (SEE FORM 337).

END

BROUGHT FORWARD

TOTALS

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS – ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
6-6-89		TACH	2	10							
									INSTALLED NEW STARTER BENDIX DRIVE		
									AND NEW BENDIX SHAFT		
										Victor Cueli	
										P147-72	5023
BROUGHT FORWARD											
TOTALS											

ENGINE LOG

DATE	R. P. M. GROUND	R. P. M. AIR	TIME GRC HRS

Checked compression, #1 77/80, #2 78/80, #3 78/80, #4 78/80, ~~#5 /80, #6 /80,~~
Changed oil 8 qts 15W Aeroshell & ~~changed filter~~/inspected-cleaned oil screen;
Cleaned-inspected-gapped-tested-rotated spark plugs; checked magnetos-breaker comp't-
Timing; inspected Engine-Prop-~~Turbocharger~~-Exhaust System; checked and lubed
Engine controls; washed down engine; cleaned fuel primer nozzles-~~fuel injector~~
~~Nozzles-fuel regulator~~/carb inlet screen-drained/flushed carb bowl; dressed down
& painted Prop; cleaned/~~replaced~~ induction air filter; engine ground runup okey.

SAFTIED PROP BOLTS WITH .041" S.S. WIRE. TIGHTENED OIL DIPSTICK TUBE & RESAFTIED. MANUEL SCHEBLER A.D. 89-04-02 "THROTTLE JAMMING" N/A BY CARB. S/N. — END

DATE 12/1/89 TACH 2281.2
I CERTIFY THAT THIS Engine
HAS BEEN INSPECTED I. A. W. An
Annual INSPECTION AND HAS
BEEN DETERMINED TO BE IN
AIRWORTHY CONDITION. WO # 1590
Brent E. Knudsen LIC. # A&P 1575840 I.A.
FOR: Solberg Aviation Corp. Inc.

BROUGHT FORWARD

TOTALS

ENGINE LOG

DATE	R. P. M. GROUND	R. P. M. AIR	TIME ON GROUND HRS.	TIME ON GROUND MIN.	TIME IN AIR HRS.	TIME IN AIR MIN.	TOTAL TIME HRS.	TOTAL TIME MIN.	REPAIRS — ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
7/2/90		247.5 TACH							DRAINED OIL, INSPECTED SCREEN, INSTALLED 8 QTS AEROSHELL 80W OIL. NEW HTR. SCAT HOSE. RH CYL. #2 V.C. GASKET Brad E. Knowles AP1575858 I.A. For Solberg Aviation Corp Inc.		
7/16/90		272.6							DRAINED OIL, INSPECTED SCREENS, INSTALLED 8 QTS AEROSHELL 100W OIL Brad E. Knowles AP1575858 I.A. For Solberg Aviation Corp. Inc.		
BROUGHT FORWARD											
TOTALS											

ENGINE LOG

DATE	R. P. M. GROUND	R. P. M. AIR

Checked compression, #1 79/80, #2 79/80, #3 79/80, #4 79/80, ~~#5 /80, #6 /80,~~
Changed oil 7 qts, 15-50 ARROWSHELL & ~~changed filter~~/inspected-cleaned oil screen;
Cleaned-inspected-gapped-tested-rotated spark plugs; checked magnetos-breaker comp't-
Timing; inspected Engine-Prop-~~Turbocharger~~-Exhaust System; checked and lubed
Engine controls; washed down engine; cleaned fuel primer nozzles-~~fuel injector~~
~~Nozzles-fuel regulator~~/carb inlet screen-drained/flushed carb bowl; dressed down
& painted Prop; cleaned/~~replaced~~ induction air filter; engine ground runup ok

LICENSE NUMBER

NEW VALVE COVER GASKET ON cyl #4. — END —

DATE 12/20/90 TACH 296.2
I CERTIFY THAT THIS ENGINE
HAS BEEN INSPECTED I. A. W. AN
ANNUAL INSPECTION AND HAS
BEEN DETERMINED TO BE IN
AIRWORTHY CONDITION. WO # 2203
~~Bart~~ E Hinchliffe LIC. # AP 1535584 IA.
FOR:
SoBerg Aviation Corp. Inc.

8/9/91	Changed oil (8 qts Aeroshell 15/50) and installed hobbs	Time 516.3
	oil filter adapter (pt # 17852) and gasket (LW 12795).	TACH 399.2
	K G Langhan	AP 14240407 IA
BROUGHT FORWARD		
TOTALS		

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS — ADJUSTMENTS	SIGNATUR
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.		

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS — ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
4/5/92									CHANGE OIL ADDED 8 qts 15w50.	TACH	
									CHANGE OIL FILTER CUT OPEN NO METAL	488.4	
									FOUND AT THIS TIME.		
									J.B. Rowley AAP 1768546		
11/12/92									CHANGE OIL ADDED 8 qts 15w50		
									CHANGE OIL FILTER CUT OPEN NO METAL FOUND.	-	
									CHECK OIL SCREEN TACH 536.3		
BROUGHT FORWARD											
TOTALS											

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS — ADJUSTMENTS
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.	

Date: 1/28/93

Engine Total Time: 546

Time Tach : 546

A/F Total Time : 663

Measured compression: Cyl # 1 70/80; Cyl # 2 68/80; Cyl # 3 70/80; Cyl # 4 70/80. Changed oil (8 qts. 15W-50 Aero Shell), filter (CH48110), inspected oil screen and replaced crush washer (AN900-10). Inspected, gapped and rotated plugs. Checked magnetos, breaker points and timing - OK. All AD's were checked and were complied with, where applicable, as of this date.

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

R G Gaughan

R. G. Gaughan

AP 142404607 1A

BROUGHT FORWARD

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS — ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
10/22/93		599.	-	TACH					Drained oil, injected filter and screen. Installed new filter and 8 Qts Aeroshell 15-50 oil. Reattached alternator noise filter as Rec'd. C/W A.D. 84-26-02 Induction air filter by installing new filter. Next Mandatory change due @ 1099. tach (500 HRS). Brian E Konefke A/P 1575658 & I.A. for Lolberg Aviation Corp. Inc		
BROUGHT FORWARD											
TOTALS											

DATE	R. I / GROUND								RE	LICENSE NUMBER

Checked compression, #1 79 /80, #2 78 /80, #3 79 /80, #4 78 /80, ~~#5 /80, #6 /80;~~
Changed oil 8 qts, 15-50 Aeroshell & changed filter/inspected-cleaned oil screen;
Cleaned-inspected-gapped-tested-rotated spark plugs; checked magnetos-breaker comp't-
Timing; inspected Engine-Prop-~~Turbocharger~~-Exhaust System; checked and lubed
Engine controls; washed down engine; cleaned fuel primer nozzles-~~fuel injector~~
~~Nozzles-fuel regulator~~/carb inlet screen-drained/flushed carb bowl; dressed down
& painted Prop; cleaned/~~replaced~~ induction air filter; engine ground runup ok

DATE 3/4/99 TACH 619.9
I CERTIFY THAT THIS Engine
HAS BEEN INSPECTED I.A.W. An
Annual INSPECTION AND HAS
BEEN DETERMINED TO BE IN
AIRWORTHY CONDITION. WO # 255
Brent E. Kovalcko LIC. # A&P 1565405
FOR: Selberg Aviation Corp. Inc.

Replaced all exhaust gaskets. Repaired lt. mag p-lead shielding ground. Removed both mags, disassembled, cleaned + relubed mags. Bottom shaft bearings not checked. Replaced prop. gov. rod end bolt + nut. New V.C. gaskets on cyl # 1 and 3. R+R alternator belt as needed, new prop shaft O-ring. C.W. Bendix A.D. 78-09-07R3 inspection on Bendix mag S4LN-21, S/N A259373, "X" Value .007". Next due @ 1119.9 Tach.

BROUGHT FORWARD

TOTALS

ENGINE LOG

DATE	R. P. M. GROUND	R. P. M. AIR	TIME ON GROUND HRS.	TIME ON GROUND MIN.	TIME IN AIR HRS.	TIME IN AIR MIN.	TOTAL TIME HRS.	TOTAL TIME MIN.	REPAIRS — ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Cub Precision Aerotow Venturi inspection, next be installed by 10/97.								A.D. 93-18-03 due 3/95. One piece to END	2 piece piece	
11-9-94	Tach=		681.9		drained oil; inspected filter + screen. new filter + 8 QTS. Aeroshell 16W-50					installed oil.	
BROUGHT FORWARD											
TOTALS											

ENGINE LOG

| DATE | GRO | | |

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS — ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			

DATE 4/96 A/F TOTAL TIME: 763 ENGINE TIME SINCE OH: 763
TACH TIME: 763

Compression: Cyl #1 78/80; Cyl #2 76/80; Cyl #3 76/80; Cyl #4 76/80. Oil changed (8 qts 15W-50 Aero Shell Oil) and oil filter replaced (CH48110). Old oil filter opened and inspected - OK. Replaced crush gasket (900-16). Checked engine exhaust system -OK. Cleaned, inspected, gapped and tested spark plugs. Checked mag timing - OK. Cleaned & inspected gascolator. Checked and lubed engine controls - OK. Replaced Cyl #1 valve cover gasket. Engine ground run-up - OK. All engine ADs complied with as of this date and are listed on a separate sheet.

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

R. G. Gaughan R G Gaughan AP 142404607 IA

BROUGHT FORWARD											
TOTALS											

ENGINE LOG

DATE	R. / GROUND						RE	LICENSE NUMBER

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS — ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
2/14/98					830.0		TACH		DRAINED OIL, INSPECTED FILTER + SCREEN, REPLACED FILTER. INSTALLED 7 QTS AEROSHELL 15W-50 OIL.	Brent E. Moreland	AP1756584 IA
BROUGHT FORWARD											
TOTALS											

ENGINE LOG

DATE	R. P. M. GROUND								LICENSE NUMBER
				TTE 836.0		REPLACED 4 EA. SPARK PLUGS			
				TACH 836.0		REM 4 OE PLUGS.			
						END			

Checked compression, #1 77/80, #2 76/80, #3 78/80, #4 76/80, ~~#5 /80, #6 /80;~~
Changed oil 8 qts, 15W-50 AEROSHELL & changed filter/inspected-cleaned oil screen;
Cleaned-inspected-gapped-tested-rotated spark plugs; checked magnetos-~~breaker comp't~~-
Timing; inspected Engine-Prop-~~Turbocharger~~-Exhaust System; checked and lubed
Engine controls; washed down engine; cleaned fuel primer nozzles-~~fuel injector~~
~~Nozzles-fuel regulator~~/carb inlet screen-drained/flushed carb bowl; dressed down
& painted Prop; cleaned/~~replaced~~ induction air filter; engine ground runup ok

DATE 5/23/98
I CERTIFY THAT THIS ENGINE
HAS BEEN INSPECTED I. A. W. ANNUAL INSPECTION AND HAS
BEEN DETERMINED TO BE IN AIRWORTHY CONDITION. WO #: 828
Brent E. Kaulk LIC. #: AP1575849IA
FOR: Aircraft Support Services

BROUGHT FORWARD									
TOTALS									

ENGINE LOG

DATE	R. P. M. GROUND	R. P. M. AIR	LICENSE NUMBER

Checked compression; #1 75/80, #2 75/80, #3 74/80, #4 78/80, ~~#5 /80, #6 /80~~;
Changed oil 7 qts, 15W-50 AeroShell changed filter/inspected-cleaned oil screen;
Cleaned-inspected-gapped-tested-rotated spark plugs; checked magnetos-breaker comp't-
Timing; inspected Engine-Prop-~~Turbocharger~~-Exhaust System; checked and lubed
Engine controls; washed down engine; cleaned fuel primer nozzles-~~fuel injector~~
~~Nozzles-fuel regulator~~/carb inlet screen-drained/flushed carb bowl; dressed down
& painted Prop; cleaned/~~replaced~~ induction air filter; engine ground runup ok

TTE 866.2

REPLACED cyl. # 1 + 3
VALVE COVER GASKETS
— END —

DATE 6/5/99 TACH 866.2
I CERTIFY THAT THIS ENGINE
HAS BEEN INSPECTED I. A. W. AN
ANNUAL INSPECTION AND HAS
BEEN DETERMINED TO BE IN
AIRWORTHY CONDITION. WO # 1178
Allen E. Schuler LIC. # IA 13942 3121
FOR Aircraft Support Service, Inc.

BROUGHT FORWARD

TOTALS

ENGINE LOG

R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS — ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
								Checked compression; #1 74/80, #2 76/80, #3 78/80, #4 74/80, #5 —/80, #6 —/80;		
								Changed oil 7 qts 15-50 AEROSHELL & changed filter/inspected-cleaned oil screen;		
								Cleaned-inspected-gapped-tested-rotated spark plugs; checked magnetos ~~breaker comp't~~		
								Timing; inspected Engine-Prop ~~Turbocharger~~ Exhaust System; checked and lubed		
								Engine controls; washed down engine; cleaned fuel primer nozzles ~~fuel injector~~		
								~~Nozzles fuel regulator~~/carb inlet screen-drained/flushed carb bowl; dressed down		
								& painted Prop; cleaned/~~replaced~~ induction air filter; engine ground runup ok		
								CKED. A.D.S TO DATE. REPL, #2+4		
								ROCKER GASK. TORQUED SCREWS 1&3		
								ROCKER COVERS. REPL. ACT. NOISE FILTER		
								CESSNA P/N S1915-1. SECURED BAFFLE		
								SEALS SEVERAL		
								PLACES. REPL. LT.		
								UPPER BAFFLE		
								BRACKET.		
								DATE 6-22-00 TACH TTE 8967.7		
								I CERTIFY THAT THIS ENG.		
								HAS BEEN INSPECTED I. A. W. AN		
								ANNUAL INSPECTION AND HAS		
								BEEN DETERMINED TO BE IN		
								AIRWORTHY CONDITION. WO # 1551		
								~~IA~~ SIC. #. IA1394231	Alan E Schiess	
								FOR: AIRCRAFT SUP SERV.		
OUGHT FORWARD										
TOTALS										

ENGINE LOG

DATE	R. P. M. GROUND	R. P. M. AIR

Checked compression; #1 73/80, #2 75/80, #3 77/80, #4 72/80, ~~#5 /80, #6 /80,~~
Changed oil 8 qts, 15w-50 Aeroshell changed filter/inspected-cleaned oil screen;
Cleaned-inspected-gapped-tested-rotated spark plugs; checked magnetos-~~breaker comp't~~-
Timing; inspected Engine-Prop-~~Turbocharger~~-Exhaust System; checked and lubed
Engine controls; washed down engine; cleaned fuel primer nozzles-~~fuel injector~~
~~Nozzles fuel regulator~~/carb inlet screen-drained/flushed carb bowl; dressed down
& painted Prop; cleaned/~~replaced~~ induction air filter; engine ground runup ok

DATE 6/19/01 TACH 912.3
I CERTIFY THAT THIS ENGINE
HAS BEEN INSPECTED I. A. W. AN
ANNUAL INSPECTION AND HAS
BEEN DETERMINED TO BE IN
AIRWORTHY CONDITION. WO # 1900
Glen Sinclair LIC. # 2156977 FA
FOR
Aircraft Support Ser Inc.

REPLACED 1 SPARK PLUG ROM 4
C.W. Lycoming A.D. 96-09-10
OIL PUMP DRIVE GEARS BY
REPLACING GEARS WITH NEW
SUPERIOR KIT P/N SL18109A-
AS REQ'D. M2 Mill AP1294241/4

BROUGHT FORWARD

TOTALS

ENGINE LOG

| DATE | R. P / GROUND | | |

ENGINE LOG

DATE	R. P. M. GROUND	R. P. M. AIR	TIME ON GROUND HRS.	TIME ON GROUND MIN.	TIME IN AIR HRS.	TIME IN AIR MIN.	TOTAL TIME HRS.	TOTAL TIME MIN.	REPAIRS — ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
9/9/02					TACH		953	7	DRAINED OIL. INSPECTED FILTER AND SCREEN. INSTALLED NEW CH48110 FILTER AND 8QTS 15W50 AEROSHELL	Matthew L. Miller	AP1294241
6/23/03		922.4							Checked compression, #1 76 /80, #2 78 /80, #3 76 /80, #4 78 /80, ~~#5 /80, #6 /80~~; Changed oil 8 qts, AeroShell 15/50 & changed filter/inspected-cleaned oil screen; Cleaned-inspected-gapped-tested-rotated spark plugs; checked magnetos-breaker comp't-Timing; inspected Engine-Prop-~~Turbocharger~~-Exhaust System; checked and lubed Engine controls; washed down engine; cleaned fuel primer nozzles-~~fuel injector Nozzles-fuel regulator~~/carb inlet screen-drained/flushed carb bowl; dressed down & painted Prop; ~~cleaned~~/replaced induction air filter; engine ground runup ok		
									Remove all Rocker Covers, Clean & Paint		
									Replace all Baskets on Rocker Covers		
									Inspect Valves, Spring & Keepers, Remove		
									Vacuum Pump & Replace Seal & Basket		
BROUGHT FORWARD											
TOTALS											

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS — ADJUSTMENTS	SIGNATURE	L N
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
6/23/03									DATE 6/23/03 TACH 922.4		
									I CERTIFY THAT THIS Engine		
									HAS BEEN INSPECTED I.A.W. a		
									100 HR INSPECTION AND HAS		
									BEEN DETERMINED TO BE IN AIRWORTHY		
									CONDITION. WO# 6177		
									[signature] AP 1533200 35		
									FOR: Aircraft Support Services		
BROUGHT FORWARD											

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS — ADJUSTMENTS	SIGNATURE	LI NU
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			

ENGINE LOG

DATE	R. / GROUN		JRE	LICENSE NUMBER
		Checked compression; #1 75/80, #2 76/80, #3 76/80, #4 74/80, ~~#5 /80, #6 /80,~~ Changed oil 8 qts, 15W-50 Aero & changed filter/inspected-cleaned oil screen; Cleaned-inspected-gapped-tested-rotated spark plugs; checked magnetos-breaker comp't- Timing; inspected Engine-Prop-~~T[redacted]~~-Exhaust System; checked and lubed Engine controls; washed down engine; cleaned fuel primer nozzles-~~fuel injector~~ ~~[redacted]~~/carb inlet screen-drained/flushed carb bowl; dressed down & painted Prop; ~~cleaned~~/replaced induction air filter; engine ground runup ok		

TTG + 1015.2

REPLACED ALL EXHAUST GASKETS WITH BLO-PROOF

— END —

DATE 7/2/04 TACH

I CERTIFY THAT THIS ENGINE + PROP

HAS BEEN INSPECTED I.A.W. ANNUAL INSPECTION AND HAS

BEEN DETERMINED TO BE IN AIRWORTHY CONDITION. WO #

FOR: STATE LINE AVIATION, LLC

Dust E. Hamlett A&P 1563894

BROUGHT FORWARD									
TOTALS									

ENGINE LOG

DATE	R. P. M. GROUND	R. P. M. AIR	TIME ON GROUND HRS.	TIME ON GROUND MIN.	TIME IN AIR HRS.	TIME IN AIR MIN.	TOTAL TIME HRS.	TOTAL TIME MIN.	REPAIRS — ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
9/24/04		1039.1							DRAIN O.L, INSPECT FILTER + SCREEN, REPLACE SPIN-ON FILTER		
									INSTALL 8 QTS AEROSHELL 15W-50 O.L.		
									CLEANED, GAPPED, TESTED ALL SPARK		
									PLUGS AS REQ'D. ADJUSTED IDLE		
									MIXTURE + SPEED AS NEEDED.		
									Brent E Howlett AP 1375650 IA		
BROUGHT FORWARD											
TOTALS											

ENGINE LOG

DATE	R. P. M. GROUND	R. P. M. AIR	TIME ON GROUND HRS.	TIME ON GROUND MIN.	TIME IN AIR HRS.	TIME IN AIR MIN.	TOTAL TIME HRS.	TOTAL TIME MIN.	REPAIRS — ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
2/17/05		106	8.1	TACH					DRAIN OIL, INSPECT FILTER + SCREEN, REPLACE SPIN-ON FILTER. INSTALL 8 QTS AEROSHELL 15W-50 OIL. RUN UP, NO LEAKS. Brad E. Kunkle — AP1575840 IA —		
BROUGHT FORWARD											
TOTALS											

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS — ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
8-7-05							1097	2	comp 1 75/80 2 78/80 3 78/80 4 76/80. Drain oil, clean screen, Fill with 15W50 Lub controlls, Replace Induction Filter, clean and Adjust plugs also ~~Rotate~~ plugs, ground Runup and leak check OK.		

A/C REG.# N5140E — DATE 8-7-05

TOTAL ~~A/C~~ Engine TIME 1097 HRS. — TACH TIME 1097

I CERTIFY THAT THIS ~~A/C~~ Engine HAS BEEN INSPECTED IN ACCORDANCE WITH AN (CIRCLE ONE) ANNUAL/100 HR INSPECTION AS PER 43.13 AP B AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.

SIGNATURE — IA2989012AP CERTIFICATE NO./TYPE

Edward Palmer Jr

BROUGHT FORWARD

TOTALS

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS — ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
1-2-06			1115	4			1115	4	Drain oil, replace filter cut open filter checks OK. Fill with 15W50 and install new filter, Install New baffle seal and Blow air out of manifold & fuel psi lines, ground Run up & Leak check OK	Edward Greyh IA 2989012AP.	Filter
BROUGHT FORWARD											
TOTALS											

ENGINE LOG

DATE	R. P. M. GROUND	R. P. M. AIR	TIME ON GROUND HRS.	TIME ON GROUND MIN.	TIME IN AIR HRS.	TIME IN AIR MIN.	TOTAL TIME HRS.	TOTAL TIME MIN.	REPAIRS — ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
9-1-06			Tach Time 1141				1109		Drain oil, change filter, clean & Install plugs, clean fuel syster, Tighton valve coves, comp 1 79/80 2 73/80 3 79/80 4 73/80. All ADS c/w to Date Runup & Leak check fine		
BROUGHT FORWARD											
TOTALS											

I certify that this Engine has been inspected in accordance with FAR 43 Appendix D annual inspection and is found to be in an airworthy condition.

Date 9-1-06
Total Time ~~1109~~
Tach Time 1141

Edward Fulmer Jr.
Edward Fulmer Jr
#2989012 IA

Logan Aviation LLC

Date	Tach Time	Total Time	N5140E
7/1/08	1214		

Drain oil and change filter. Fill engine with 15W50 oil. Replace all sparkplugs. Stop drill small crack in right front baffle. Replace crankshaft seal and alternator belt. Replace all Exhaust gaskets and hard wear for clamps and flanges. Clean and flatten exhaust flanges. Replace all scat ducts in engine compartment. Replace cylinder two and four lower plug wire springs. Clean all sparkplug hole in cylinders. Compression test cylinder 1-72/80, 2-74/80, 3-77/80, and 4-74/80. Replace all oil and fuel hose for engine. Clean all fuel filters and screens. Checked all Ads to this date 7/1/08. AD 04-10-14 crankshaft gear retaining bolt not due until engine overhaul or propeller strike. Tighten all oil return hose clamps. Adjust suction and mixture. Wash engine and do run up and leak check...

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

Edward Fulmer Jr 2989012IA

ENGINE LOG

Tach

DATE	R. P. M.		TIME ON ~~GROUND~~		TIME IN AIR		TOTAL TIME		REPAIRS – ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
8/19/09			1253	3					Cleaned lower Sparkplugs		
									Compression Test #1 77/80 #2 76/80 #3 76/80 #4 74/80		
									I CERTIFY THAT THIS ENGINE		
									HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL		
									INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY		
									CONDITION. TIME IN SERVICE 1253.3 Since New		
									David J. Holmes [redacted] FA 2057307 [redacted]		
4/10/11			1293	9					Change Oil + Filter - 84.15		
BROUGHT FORWARD											
TOTALS											

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS — ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
11/6/10							1297	4	Clean + Gap low or Spark Plugs		
									c/w AD 2009-22-03 Propeller Hub Insp		
									by Eddy Current Insp Next due @		
									1397.4 Tach. Compression test		
									#1 74/80 #2 75/80 #3 74/80 #4 74/80		

I CERTIFY THAT THIS ENGINE
HAS BEEN INSPECTED IN ACCORDANCE WITH AN Annual
INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY
CONDITION. TIME IN SERVICE 1297.4 Since new

David J. Holmgren DATE 11/6/10
DAVID J. HOLMGREN IA2057307

BROUGHT FORWARD

TOTALS

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS — ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
3/14/12							1398	4	Clean + Gap Lower Spark Plugs		
									Change Oil + Filter - 8 qts Aeroshell		
									15W50 Compression Test		
									#1 71/80 #2 75/80 #3 77/80 #4 77/80		
									I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN Annual INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. TIME IN SERVICE 1338.4 Since new David J. Holmgren DATE 3/14/12 DAVID J. HOLMGREN IA2057307		
6/6/13							1366	80	Clean + Check Lower Spark Plugs - Change		
									Oil + Filter - 8 qts Aeroshell 15W50 Lube		
									Starter Drive. Compression Test		
BROUGHT FORWARD									#1 68/80 #2 76/80 #3 75/80 #4 73/80		
TOTALS									Note: Prop AD 2013-22-03 due 1397 tach		

ENGINE LOG

DATE	R. P. M. GROUND	R. P. M. AIR	TIME ON GROUND HRS.	TIME ON GROUND MIN.	TIME IN AIR HRS.	TIME IN AIR MIN.	TOTAL TIME HRS.	TOTAL TIME MIN.	REPAIRS — ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
6/1/13							1366	80	I CERTIFY THAT THIS Engine HAS BEEN INSPECTED IN ACCORDANCE WITH AN Annual INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. TIME IN SERVICE 1366.8	David J. Holmgren DAVID J. HOLMGREN	DATE 6/1/13 IA2057307
5/12/15							1386	60	Clean + Check Lower Spark Plugs		
									Compression Test #1 70/80 #2 75/80 #3 74/80 #4 74/80		
									I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUM INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. TIME IN SERVICE 1386.6	David J Holmgren DAVID J. HOLMGREN	DATE 5/12/15 IA2057307
BROUGHT FORWARD											
TOTALS											

ENGINE LOG

Make: LYCOMING
Model: O-360-A1A
Serial No.: L-30251-36A
TACH: 1403
TTSN: 1403

PRINCETON AIRPORT

Reg. No.: N~~64147~~ 514DE
Date: 11/21/16

41 AIRPARK RD
PRINCETON NJ 08540
(609) 921-3100

LICENSE NUMBER

Summary of work accomplished

PERFORMED AN ANNUAL INSPECTION IAW FAR 43 APPENDIX D. COMPRESSION TEST RESULTS: #1 76/80 #2 75/80 #3 75/80 #4 74/80. CHANGED OIL AND FILTER. CUT OLD FILTER AND CHECKED FOR METAL. NO METAL FOUND. CLEANED AND INSPECTED SUCTION SCREEN. SERVICED ENGINE WITH 8 QUARTS AEROSHELL 15W50. CLEANED GAPPED AND TESTED SPARK PLUGS. INSPECTED EXHAUST FOR LEAKS AND SECURITY. LUBRICATED AND INSPECTED ENGINE CONTROLS FOR TRAVEL AND SECURITY. CHECKED MAGNETOS AND MAGNETO TIMING. CLEANED ALL FUEL SCREENS. REPLACED THREE SPARK PLUGS P/N UREM40E. RUN-UP AND LEAK CHECK GOOD.

NO APPLICABLE A.D'S AT THIS TIME. REFERENCE A.D. LISTING FOR COMPLETE COMPLIANCE

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND HAS BEEN DETERMINED TO BE IN AIRWORTHY CONDITION.

JEFF VAMOS A&P153765495IA

J. Vamos

BROUGHT FORWARD										
TOTALS										

ENGINE LOG

Performance Air, Inc.
Pickens Airport (KLQK)

10/17/18	SMOH 1416.0
A/CT T 1531.3	PSMOH 1416.0
Tach 1416.0	N5140E

Inspected and serviced engine this date:_10/17/18_
I.A.W _ Lycoming 0-360 service manual pn# _60294-7_
*Compression are as follows (#1)_78_,(#2)_77_,(#3)_78_,(#4)_74_*

Replaced the following parts: *(8) plug gaskets pn# M674, serviced engine with (8qts) Aeroshell 15W50 and (1) AA48110 oil filter .*

C/W the following A.D's : *04-10-14C1 due at propeller strike. . <see status sheets for further details>.*

I certify that this engine has been inspected in accordance with an 100 hr. inspection and was determined to be in airworthy condition.

I/A,A/P2486/9226

ROUGHT FORWARD											
TOTALS											

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS — ADJUSTMENTS	SIGNATURE
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.		
BROUGHT FORWARD										
TOTALS										

N5140E 11/01/2019 TAC 1455.1 Total Time 1455.1 ENGINE/PROP

Performed annual inspection on this engine in accordance with the Cessna Maintenance Inspection Checklist.

Changed oil and filter. Added 8 quarts of 80W Aeroshell. Inspected old filter for metal.

Compression #1 69, #2 72, #3 75, #4 76.

Cleaned all spark plugs, gapped and tested each.

Replaced muffler # A1754001-25, used new hardware A0750161-25

Borescope Cyl #1 To check for leaks. Results negative.

Checked Prop for bolt torque, Safety Wired and checked for leaks.

11/01/2019 Arthur F. Lawler Jr. 162460038 IA

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS — ADJUSTMENTS	SIGNATURE
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.		
BROUGHT FORWARD										
TOTALS										

Concord Aviation Services 71 Airport Rd Concord NH 03301 603-229-1769

N5140E Engine Tach 1483.5 4/30/2021 W/O # 21-6214

Performed engine compression check, results #1 77/80, #2 78/80, #3 77/80, #4 78/80.
Drained engine oil and refilled w/ 8qts Aeroshell A/S 15W50.
Serviced oil sump screen w/ MS35769-21 crush gasket.
Removed oil filter and cut open for inspection. Found normal. Installed new AA48110-2 filter.
Checked mag timing.
Serviced carb fuel inlet screen w/ new 16-A48 copper gasket.
Drained carb float bowl and inspected for foreign material.

I certify that this engine has been inspected in accordance with annual inspection and a list of discrepancies and unairworthy items dated 4-30-2021 has been provided for the aircraft owner or operator.

Gary Harvey A&P IA 2785911 Gary Harvey

ACFT Model: Cessna 172N	GIBBS SERVICE CENTER	Date: 11-04-2021
Serial No.: 17271733	Montgomery Field, San Diego, CA 92123	W.O. No.: 21-494
Reg. No.: N5140E	FAA Approved Repair Station VT3R931L	Tach: 1527.6

Drained oil. Inspected and replaced filter with new CH48110-1. Serviced engine with 7qts A/S 15w-50. Replaced hour meter fuse at firewall. Engine runup; ok no leaks.

The aircraft and/or component identified above repaired/replaced and inspected in accordance with current federal aviation regulations and was found airworthy for return to service. Pertinent details of the repair/replacement are on file at this agency under Order No. 21-494

Date: 11-04-2021 Signed:

DATE

LICEN
NUME

BROUGHT FORWARD

TOTALS

ENGINE LOG

DATE	R. P. M.	TIME ON GROUND	TIME IN AIR	TOTAL TIME	REPAIRS — ADJUSTMENTS	SIGNATURE	LICENSE NUMBER

ACFT Model: Cessna 172N	**GIBBS SERVICE CENTER** Montgomery Field, San Diego, CA 92123 FAA CRS VT3R931L	Date: 5-27-2022	
Serial No.: 17271733		W.O. No.: 22-157	
Reg. No.: N5140E		Tach: 1,561.6	
Eng. Mfgr.: Lycoming	Eng. Model: O-360-A1A	Eng. S/N: L-30251-36A	
Eng SMOH: 1,561.6	Eng TT: 1,561.6	Acft TT: 1,561.6	

1. Annual inspection completed referencing CE-172 AMM.
2. Drained oil, inspected and replaced oil filter. Inspected and cleaned oil screen. Serviced engine 7qts A/S W15W-50 oil.
3. Replaced engine air filter element with new PN: BA6108.
4. Pressure checked exhaust system and heat exchanger; no defects noted.
5. Cleaned, gapped and tested spark plugs. Replaced one spark plugs with new PN: REM40E. Others checked ok.
6. Removed and reinstalled cylinder #3 following repairs performed by Tim's aircraft CRS: T22R537Y. Cylinder installed as supplied using new gaskets and rocker shaft buttons.
7. Replaced all intake couplers with new PN: 69603.
8. Lapped cylinder #1 exhaust valve to allow better sealing. Compression checked ok.
9. Replaced both exhaust studs on cylinder #1 and all exhaust gaskets with new.
10. Replaced cylinder #1, 2 and 4 intake and valve cover gaskets with new.
11. Replaced all cylinder oil drain back flex hoses with new.
12. Resealed engine cooling baffles as needed using silicone sealant.
13. Repaired cylinder #2 primer line by replacing union cone and brass nut and reinstalled.
14. Engine run-up OK, no leaks.

Compression as follows: 1-70/80, 2-72/80, 3-Repaired, 4-70/80.
AD notes checked and are current. ATP Navigator Content Revision: 5-27-2022

The aircraft and/or component identified above repaired/replaced and inspected in accordance with current federal aviation regulations and was found airworthy for return to service. Pertinent details of the repair/replacement are on file at this agency under Order No. 22-157

Date: 5-27-2022	Signed:

BROUGHT FORWARD							
TOTALS							

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS — ADJUSTMENTS	SIGN.
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.		