TEXTRON Lycoming

Subsidiary of Textron Inc. Reciprocating Engine Division/

652 Oliver Street Williamsport, PA 17701 U.S.A

ed. Refer to enclosed Form ET001 for applicable accessory part numbers and serial numbers have been complied with. All parts have been inspected and have been determined airworthy to return to service. All accessories as part of the type certificate are either new or newly overhaul-All Federal Aviation Administration Airworthiness Directives and Textron Lycoming Service Bulletins This engine has been overhauled/rebuilt in accordance with the applicable Textron Lycoming manuals

Engine Model: O-360-A4M

Serial #:

0.0 RL-34741-36A

Total Time:

Date Completed:

Work Order #: PL0919523

Authorized Signature

Textron Lycoming Reciprocating Engine Division

652 Oliver Street

Williamsport, PA 17701

Repair Station: EJ1R115K

16.87

TEXTRON Lycoming

Reciprocating Engine Division/ Subsidiary of Textron Inc. Form 245

Will

TEXTRON Lycoming

Reciprocating Engine Division/ Subsidiary of Textron Inc.

FINAL ENGINE ACCEPTANCE

Eng. Serial No. 84-34741-36A

Inspector ____

ate 11/8/45

ENGINE AND MAINTENANCE REC

RECORD OF	TEXTRON L	YCOMING	0-360) -AH	Mirt	· RL.	34741-36	A	
	M	IAKE	MODI	EL ?		9	SERIAL		
FROM	1AY 20	1	9 96	. TO	<u> </u>	1 1 A		19	_
DETAILING TIM	ME FROM	3843.4			то				
		НС	OURS				HOURS		

SSP 1872-1

October 1994

TEXTRON Lycoming

Reciprocating Engine Division/ Subsidiary of Textron Inc. 652 Oliver Street Williamsport PA 17701 U.S.A 717/323-6181

IN SERVICE DATE 5 - 20+96 ENG. T.T.

DETACH AND RETAIN THIS PORTION FOR YOUR RECORD

ENGINE DESCRIPTION

Mfgr. TEXTRON LYCOMING	Place Williamsport, PA 17	7701 Date
Type HORIZONTALLY OPPOSED	Model 0-360- A4M	Serial No. RL-34741-36A
Rated H.P.	Max. H.P. 180	Weight (Dry)
Rated R.P.M.	Max. R.P.M. 2700	Oil Pressure
Bore	Stroke	Displacement Cu. In
Compression Ratio	Supercharger Ratio	
Reduction Gear Ratio		
Propeller SENSENICH	Hub Design 76FM8514-0	-60 Hub Serial No. 30559 K
Blade Design	Blade Serial No.	Blade Serial No.
Max. Hub H.P.	Max. Blade H.P.	
Pitch	Diameter	Length
Name		
Address		

CESSNA 172N N5162F TACH: 3843.4 HRS. PAGE: 1 Installed LYCONING remanufactured 0-360 A4 36A on work order PL0919523 and new SE number 76EM8S14-0-60, serial number 30559 number 172-73120 in accordance with STC# dated 20-MAY-96 for this major alteration. PHILLIPS 20/50 type M mineral oil and ne CH48110. Accessories installed with engin DOFF10300J serial number A-109619 overha work order A-125441, Starter part number 5032272, New Carburetor part number LW1533 MA4-5, serial number 9509037, New R/H ma 4370, serial number 95090297, New spark ignition harness SLICK part number M 299 Page Total Brought Forward	CESSNA 172N N5162F TACH: 3843.4 HRS. PAGE: 1 Installed LYCOMING remanufactured O-36A on work order PL0919523 and n number 76EM8S14-0-60, serial number number 172-73120 in accordance with dated 20-MAY-96 for this major alterated 20-MAY-96 for this major alterated 20-MAY-96 for this major alterated work order A-125441, Starter part 5032272, New Carburetor part number MA4-5, serial number 75049710, New 4370, serial number 95090037, New 4370, serial number 95090297, New ignition harness SLICK part number 1909th Forward Page Total Brought Forward Total to Date										1			Hrs	Time
AIRS - ADJUSTMENTS - SERVICE - REM A 172N N5162F 3843.4 HRS. 1 1 1 1 1 1 1 1 1 1 1 1 1	AIRS - ADJUSTMENTS - SERVICE - REM A 172N N5162F 3843.4 HRS. 1 1 1 1 1 1 1 1 1 1 1 1 1													Min	ne
	INE TSREMAN: 0 HRS. 20 MAY 1996 Erial number RL 34741- NICH propeller model nto CESSNA 172N serial 4428SW. See form 337 igine filled with 8 qts il filter part number Alternator part number Alternator part number PRECISION part number precision part number to SLICK model number igs REM38E, qty 8, New Repair Data Must Bear the Endorser tificated Mechanic, and his Rating a tificate Number MUST be Shown.			ition harness SLICK part nu	number 95090037, number 95090297,	5, serial number 75049710, New	order A-125441, Starter part	0	20-MAY-96 for	on	tall	1	A 172N N5162F	REPAIRS - ADJUSTMENTS - SERVICE - KEMAR	

Date	Tie	me			Cianatura	License
	Hrs	Min	REPAIRS - ADJUSTMENTS - SERVICE - RE	EMARKS	Signature	Number
			CESSNA 172N N5162F TACH: 3843.4 HRS. PAGE: 2 Oil cooler removed, flushed clean and r New oil cooler hoses part numbers 1114 installed. New fire-sleeved fuel hose r installed. Engine ground run and leak ROGER M. LEGG A&P455735258 I certify that this ENGINE has been insp ANNUAL inspection and was determined condition. DAVID M. PAGE A&P543740476TA	17-8D-0310, 111417-8D-0280 part number 111F417-8D-0180 c checked O.K. LEGG AVIATION, INC. ected in accordance with an d to be in an airworthy		
			Page Total Brought Forward Total to Date	All Repair Data Must Bear to Certificated Mechanic, and In Certificate Number MUST be	nis Rating and	

Date		ne	REPAIRS - ADJUSTMENTS - SERVICE - RE	MARKS	Signature	License
1996	Hrs	Min	THE AIRS ADSOSTIVE TO SERVICE THE			Number
26-JUN			TACH: 3857.3 HOURS.			
			DRAINED OIL, RE-FILLED	N B OTS PH	HILLIPS 20/9	50×/c
			OIL . REPLACED OIL FILTE	ER WIPN CH48	3110. CUT OP	EN OLD
			FILTER AND FOUND CLE	EAN, CHECKED	DIL PUMP INT	AKE
			SCREEN AND FOUND CI	LEAN, ENGINE	GROUND RUA	4
			AND LEAK CHECKED	O.K.		
			ROGER M. LEGG AC	P 455735258	the	
-				- END -	00	
			Page Total	All Description		
			Brought Forward	All Repair Data Must Bear th Certificated Mechanic, and h	ne Endorsement of a	
			Total to Date	Certificate Number MUST be	Shown.	

_	_					
1 9 Date	Tir Hrs	me Min	REPAIRS - ADJUSTMENTS - SERVICE - R	REMARKS	Signature	License Number
30 JUL			TACH: 3884.2 HOURS			
			DRAINED OIL, RE-FILLET	W/70TS		
			PHILLIPS 20/50 X/C 0	IL REPLACED	DIL FILTER	W (CH48110
			CUT OPEN OLD FILTER	AND FOUND CLE	ANI. REMOV	ED
			CLEANED TESTED AND	RE-INSTACLED	ALL SPAR	<
			PLUGS. ENGINE GROND	RUN AND LEA	K CHECKED	0.K
-	*		ROGER M. LEGG ACP4	She		
			END		00	
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			Page Total Brought Forward	All Repair Data Must Bear t Certificated Mechanic, and	his Rating and	
		5,000 5,000	Total to Date	Certificate Number MUST b	e Shown.	

L										26- NG	Date	
_											Time Hrs Min	
Total to Date Cerunicate Number Micor be Shown.	Brought Forward Certificated Mechanic, and his Rating and	Page Total All Repair Data Must Bear the Endorsement of a		- (red)	ROGER M. LEGG ARP 455735258 4	LEAK CHECKED O.V.	RE-RIGGED THROTTLE, MIXINEE, GROWN	75049710 WTH NEW P.N. LW 15380	REPLACED CARBURETOR P.N. LW15380	TACHTIME: 3890.5 HES.	REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	
be snown.	d his Rating and	the Endorsement of a					DUZ AND	3.4. 7E055911	MA4-USN.		Signature	

License	

Sign

Number

_						13.JAK	1997	Data
		·					Hrs	Ţ.
							Min	Time

TACH: 3914.2 HRS CESSNA 172N

13-JAN-97 N5162F

cleaned, gapped, tested and rotated all spark plugs. Ground run engine and leak checked O.K. Drained oil and re-filled with 8 qts PHILLIPS TYPE 25/50~X/C. Removed and inspected oil filter and found Performed 50 HOUR service and inspection on engine. Installed new filter p.n. CH48110. Removed,

Aviation Agency and is approved for return to service repair station under Work Order: 1734 Pertinent details of the repair are on file at this in accordance with current Regulations of the Federal The engine identified above was repaired and inspected

Signed: R. M. LEGG

LIGHTLINE DRIVE KIATION, INC.

> Date: 13-JAN-97

TEL: (916)-645-0737 LINCOLN, CA 95648

AA APPROVED REPAIR STATION: R7LR274N

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Signature

License Number

																	SAPE 4 P-HM-3	Caro	Date
					1												L-2415 6	Hrs Min	Time
FAA APPRO	1410 FLIGHTLINE DRIVI	LEGG AVIATION, INC.	R	are on file at this	İp	S)	I certify that t	compliance with Ab	96-09-10 Oil Pump I	to 25 deg BTDC as po	D	w/silicone. Remove	compression test	C	20/50 X/C. Removed	engine. Drained of	Performed annual/1	AIRFRAME TISN: 3942	CESSNA 172N

mpeller. ¡ty 8. Re-timed R/H magneto from 27 rthy condition and is approved ANNUAL inspection and was determined rk plugs. Installed with new gaskets d, cleaned, inspected and found O.K. 4: 78/80, Lubed starter bendix drive new filter p.n. CH48110. ine ground run and leak checked O.K. hot) and measured #1: 78/80, #2: and inspected oil filter and found Repair Station under Work Order:1777 r specs. Pertinent details of the inspection 97-01-03 Piston Pin N/A by engine and refilled with HRS hour service and inspection on ENGINE has been inspected N/A by Reman date. Checked compliance with AD ENGINE TSREMAN: 99.3 HRS Date: 8 qts PHILLIPS Performed 16-MAY-97 16-MAY-97 Checked

VED REPAIR STATION: R7LR274N LINCOLN, CA 95648 TEL: (916)-645-0737

for

Endorsement of a Rating and

hown.



7 Time Hrs Min 3785.2

ENGINE LOG

Serial No.

License Number

Drained oil and re-filled with 8 qts PHILLIPS TYPE 25/50 X/C and LYCOMING oil additive part number Pertinent details of the repair are on file at this Aviation Agency and is approved for return to service. The engine identified above was repaired and inspected Ground run engine and leak checked O.K. cleaned, gapped, tested and rotated all spark plugs. clean. LW16702. Performed 50 HOUR service and inspection on engine. in accordance with current Regulations of the Federal TACH: 3985.2 HRS CESSNA 172N Installed new filter p.n. CH48110. Removed, Removed and inspected oil filter and found 21-NOV-97 N5162F Signature

TEL: (916)
1410 FLIGHTLINE DRIVE
FAA APPROVED REPAIR STATION: R7LR274N

Signed: R. M. LEGG

repair station under

Work Order: 1897

TEL: (916)-645-0737 LINCOLN, CA 95648

Date:

21-NOV-97

Endorsement of a Rating and hown.

Serial No.

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N5	Signature	License Number
AIRFRAME TISN: 4004.3 HRS ENGINE TSREMAN: 160.9 HKS		
Performed annual/100 hour service and inspection on engine. Drained oil and refilled with 8 qts PHILLIPS		
clean. Installed new filter p.n. CH48110. Performed		
78/80, #3: 79/80, #4: 78/80, Lubed starter bendix drive		
and rotated all spark plugs. Installed with new gaskets part number M674, qty 8. Checked compliance with A.D.		
97-15-11 Piston Pin. Not applicable by engine serial number. Checked compliance with AD. 98-02-08 Crankshaft		
Corrosion. Not applicable by engine model number, solid crankshaft installed. Checked compliance with A.D. 98-		
01-06 Precision Carburetors. Not applicable by carburetor model number. L/H aft engine baffle cracked		
at #4 cylinder. Installed doubler as required.		

--- See Next Page ->:

Endorsement of a Rating and Shown.

Serial No.

1 1		3
		Date 20-MAY-98
		4co4
		Time Min
	LEGG AVIATION, INC. FAA APPROVED REPAIR STATION: R71	TACH: 4004.3 HRS Engine ground run and leak checked O.K. I certify that this ENGINE has been accordance with a ANNUAL inspection and to be in an airworthy condition and it return to service. Pertinent details of are on file at this Renair Station under the confile at the

20-MAY-98 N5162F

Signature

Number License

EGG rworthy condition and is approved for his Repair Station under Work Order: 1943 a ANNUAL inspection and was determined Pertinent details of the inspection ENGINE has been inspected in Date: 20-MAY-98

PROVED REPAIR STATION: R7LR274N HIVE

LINCOLN, CA 95648 TEL: (916)-645-0737

shown. Endorsement of a Rating and

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Name of

									PPIME.P	Date	
									4080	Hrs	1
									0	Min	Time
The same	FAA APP	LEGG AVIATION, IN	Signed: R. M. L	repair station	Par 140	when received. Ground run engi	cleaned, gapped Took oil sample	25/50 X/C. Remo	15	TACH: 4030.0 HK	

29-JAN-99 N5162F

Signature

License Number

d re-filled with 8 qts PHILLIPS TYPE ed new filter p.n. CH48110. Removed, UR service for analysis. Results to be advised tested and rotated all spark plugs and inspection on engine.

ne and leak checked O.K.

under Work Order: ith current Regulations of the Federal ified above was repaired and inspected ls of the repair are on file at this and is approved for return to service. 2077

EGG

HIVE

Date:

TEL: (916)-645-0737

29-JAN-99

ROVED REPAIR STATION: R7LR274N LINCOLN, CA 95648

Endorsement of a Rating and Shown.

Date	Tir Hrs	me Min	CESSNA 172N N5162F TACH: 4042.3 HRS 1-JUN-99 AIRFRAME TTSN: 4042.3 HRS ENGINE TSREMAN: 198.9 HRS	Signature	License Number
1-JUN-99	4042	3	Performed annual/100 hour service and inspection on engine. Drained oil and refilled with 8 qts PHILLIPS 20/50 X/C. Removed and inspected oil filter and found clean. Installed new filter p.n. CH48110. Performed compression test (hot) and measured #1: 78/80, #2: 78/80, #3: 77/80, #4: 77/80. Lubed starter bendix drive w/silicone. Removed, cleaned, inspected and found O.K. and rotated all spark plugs. Installed with new gaskets part number M674, qty 8. Checked compliance with A.D. 98-17-11 Crankshaft. Not applicable as engine is LYCOMING overhaul. Checked compliance with A.D. 98-23-01 Vacuum Pump Flexible Coupling. Not applicable by maintenance history.		
			See Next Page ->:	Endorsement of a Rating and shown.	

Serial No.

1-JUN-99 N5162F

Signature

Number 1

	_							1-JUN-99		Date
								かれ	Hrs	=
								W	Min	Time
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CESSNA 172N

TACH: 4042.3 HRS

Engine ground run and leak checked O.K.

to be in an airworthy condition and is approved for Signed: R. M. LEGG are on file at this Repair Station under Work Order: 2120 accordance with a ANNUAL inspection and was determined return to service. Pertinent details of the inspection I certify that this ENGINE has been Date: 1-JUN-99 inspected in

EGG AVIATION, INC. ID FLIGHTLINE DRIVE

FAA APPROVED REPAIR STATION: R7LR274N LINCOLN, CA 95648 ŦEL: (916)-645-0737

Rating and hown. Endorsement of a

Serial No.

					7		
					JAN - 2000	Data	
					4068	Hrs	Tir
					.6	Min	Time
	7						

TACH: 4068.6 HRS

N5162F 7-JAN-2000

Signa

ature

License Number

Performed 50 HOUR service and inspection on engine.

Drained oil and re-filled with 8 qts PHILLIPS TYPE
25/50 X/C. Removed and inspected oil filter and found
clean. Installed new filter p.n. CH48110. Removed,
cleaned, gapped, tested and rotated all spark plugs.
#3 rocker cover gasket leaking. Re-torqued all rocker
cover gaskets. Ground run engine and leak checked
0.K.

The engine identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Agency and is approved for return to service. Pertinent details of the repair are on file at this repair station under Work Order: 2215

Signed: R. M. LEGG

AVIATION, INC.

GHTLINE DRIVE

Date: 7-JAN-2000

TEL: (916)-645-0737 LINCOLN, CA 95648

FAA APPROVED REPAIR STATION: R7LR274N

Endorsement of a s Rating and Shown.

Serial No.

Signature

Data	Tir	ne	
Date	Hrs	Min	L
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CESSNA 172N N5162F TACH: 4077.6 HRS 7-JUL-2000

AIRFRAME TTSN: 4077.6 HRS ENGINE TSREMAN: 234.2 HRS

Performed annual/100 hour service and inspection on engine. Drained oil and refilled with 8 qts AEROSHELL 15W50. Removed and inspected oil filter and found clean. Installed new filter p.n. CH48110. Performed compression test (hot) and measured #1: 78/80, #2: 77/80, #3: 77/80, #4: 78/80. Lubed starter bendix drive w/silicone. Removed, cleaned, inspected and found O.K. and rotated all spark plugs. Installed with new gaskets part number M674, qty 8. Removed all four rocker cover gaskets, cleaned mating surfaces and installed new rocker cover gaskets part number 75906, qty 4. L/H and R/H magneto timing slightly retarded. Re-timed both magnetos to 25 deg BTDC as per specification.

--- See Next Page ->:

Endorsement of a Rating and hown.	

License

Number

Serial No.

TACHI 40177.6 HIS 1-100 Date Hrs Time LEGG AVIATION, INC. 1410 FLIGHTLINE DRIVE

TACH: 4077.6 HRS CESSNA 172N

7-JUL-2000 N5162F

Signature

Number License

Engine ground run and leak checked O.K.

accordance with a ANNUAL inspection and was determined I certify that Signed: R. M. LEGG return to service. Pertinent details of the inspection to be in an airworthy condition and is approved for are on file at this Repair Station under Work Order: 2277 this ENGINE has been Date: inspected 7-JUL-2000

TEL: (916)-645-0737 LINCOLN, CA 95648

FAA APPROVED REPAIR STATION: R7LR274N

ne Endorsement of a nis Rating and Shown.

	Ti	me			
2001	Hrs	Min	CESSNA 172N N5162F TACH: 4104.3 HRS 10-AUG-2001	Signature	License Number
10-AUG			AIRFRAME TTSN: 4104.3 HRS ENGINE TSREMAN: 260.9 HRS		
TACH: 4104	4.3		Performed annual/100 hour service and inspection on engine as per LEGG AVIATION checklist. Drained oil, refilled with 8 qts of PHILLIPS 20/50 XC MULTI-GRADE		
			OIL. Changed oil filter w/new p.n. CH48110. Cut open old filter and found clean. Took oil sample for analysis. Results normal. Measured compression (hot) and found #1: 75/80, #2: 74/80, #3: 75/80, #4: 74/80. Lubed starter bendix drive w/silicone. Removed,		
			plugs. Installed with new gaskets part number M674, qty 8. Engine ground run and leak checked O.K.		
			I certify that this ENGINE has been inspected in accordance with a ANNUAL inspection and was determined to be in an airworthy condition and is approved for return to service. Pertinent details of the inspection are on file at this Popular Stationary of the inspection		
			are on file at this Repair Station under Work Order:2441 Signed: R. M. LEGG Date: 10-AUG-2001		
			LEGG AVIATION, INC. TEL: (916)-645-0737 LINCOLN, CA 95648 FAA APPROVED REPAIR STATION: R7LR274N	Endorsement of a Rating and hown.	

					The second secon	
Date	Tir	me Min	REPAIRS - ADJUSTMENTS - SERVICE - R	EMARKS	Signature	License Number
9/18/02	411	7,0	THE4 ENGINE INSPECTED	IN ACCORDANCE WI	TH A 100h-11	SPECTON.
17.0.			CHANGED OIL AND OIL	FILTER, INSMECE	D 79TS PH	ccliss
			ZOW50 OIC CHICKEN	COMPRESSION 1.	75 2. 78 3.7	8 4.75
			CLEANED AND GARPED			
			INSTANCED NEW BALLO			
			IN Accordance with	140011NG SES	VICE MANO	Az
			1 certify that this (ENGME		2 ATP 56;	
			inspected in accordance with a (10 inspection and determined to be in air			
			Dated 9/18/02 Total Time	73.6hrs.TSREM		TT SMIKE
			Dennis Stadel A&P 1A 567842183		P1076	cell
			Page Total	All Repair Data Must Bear	the Endorsement of a	
			Brought Forward	Certificated Mechanic, and Certificate Number MUST b	his Rating and se Shown.	
1			Total to Date	Continuate Hamber Meet 2		



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Date	Time Hrs Min	REPAIRS - ADJUSTMENTS - SERVICE -		Signature	License Number
11/1/03	431.	3 MZH ENGINE INSPI INSPECTION, CHANGE	ECTED IN ACCORD	Ancie 1000	
		INSPECTION, CHANG	ED OIL AND AL	rel, INSM	A 100h
		79TS PIALLIPS ZOW 1.75 2,78 3,78 4.75	30 OIL CITYCA	TA COMDO	SYON
		PLY65, CHECKEN	DMINIT A.		PAZK
		ACORDANCE WITH	LYCOMING STR	VICE MANU	1h
		I certify that this (FNG/N inspected in accordance with a (inspection and determined to be in a		65	A77367092
		inspected in accordance with a (inspection and determined to be in a Dated /// C Total Time Dennis Stadel A&P IA 567842183	irworthy condition.	REMAN	
		Brought Forward	All Repair Data Must Bear th	IO Dating I	
			All Repair Data Must Bear th Certificated Mechanic, and h Certificate Number MUST be	IO Dating I	

Date	Time Hrs Min REPAIRS - ADJUSTMENTS - SER	RVICE - REMARKS	Signature	License Number
	Date: 1/10/05 Tach: 4147	.3 Engine TS Reman:	303.9	
	Engine inspected in accordance wi inspected oil filter, installed 7qts P			
	1. 70 2. 75 3. 68 4. 75 Checked till Lycomings service manual.		•	
	Dennis Stadel A&P 567842183	I certify that this (ENG) inspected in accordance with a inspection and determined to be in Dated/10/05 Dennis Stadel ARD Francisco	has been (100 hr) (Annual) n airworthy condition. hrs.	
	Total to Date	Certificated Mecnanic, and Certificate Number MUST b		

Date	Tir Hrs	me Min	REPAIRS -	ADJUSTMENTS - SERVI	CE - REMARKS	Signature	License Number
	Б	Date: 2	2/22/06	Tach: 4167.4	Engine TS Reman:	324.0	
	1. 1.	1spect . 76 2	ted oil filter	installed 7qts Phil74 Checked timin	a 100 hour inspection. Charlips 20W 50 oil. Checked cong. All work done in accord	compression	
	D	ennis	Stadel Ad	&P 567842183	I certify that this (inspected in accordance inspection and determined Dated 2/22/06 To Dennis Stadel A&P IA 5	to be in an worthy c	Annual-) ondition. hrs.

Serial	Alm
- AD [132]	IND.
201101	

Dana	Cessna N5162F, 73120, 172N	ense
	Engine inspected and serviced in accordance with a 100 hour inspection. Chanced oil and inspected oil filter, installed new CH48110-1 oil filter and 7qts Phillips 20W 50 oil. Checked compression 1. 76 2. 78 3. 76 4. 74. Checked timing. Cleaned and set gap on spark plugs. All work done in accordance with Lycoming Service Manual and Cessna Service Manual. Researched AD's 2006-06-16 4/27/06, 2006-10-21 C2 6/22/2006, 2006-12-07 7 11 2006 and 2006-20-09 11/3/2006 all on Lycoming engine O-360 these	
	AD's do not apply. I certify that this (Excluse) has to inspected in accordance with a (100 hr) (Anni inspection, and determined to be in airworthy conditional Dated 4/6/07 Total Time 2007 Dennis Stadel A&P IA 567842183	timb-)

5/22/08 N5162F Lycoming O-3 Tach: 4196.7	360 A4M RL-34741-36A	ense mber
Engine TS Reman: 353.3		
Engine inspected and serviced in according Chanced oil and inspected oil filter, in 8qts Phillips 20W 50 oil. Checked conchecked timing. All work done in according Checked timing. All work done in according Checked timing. All work done in according Checked timing. All work done in according to the checked timing. All work done in according to the checked timing. All work done in according to the checked conchecked timing. All work done in according to the checked timing. All work done in according to the checked timing. All work done in according to the checked timing. All work done in according to the checked timing. All work done in according to the checked timing. All work done in according to the checked timing. All work done in according to the checked timing. All work done in according to the checked timing. All work done in according to the checked timing. All work done in according to the checked timing time time time time time time time time	mpression 1. 80 2. 78 3. 78 4. 78. cordance with Lycoming Service Manual and AD 2007-04-19R1 Superior cylinders verify that this (Free) has been inspected in accordance with a (100 hr) (Annual) inspection and determined to be in airworthy condition. Dated 5/22/09 Total Time 353 hrs. Dennis Stadel A&P IA 567842183	
	Softificate Number MUST be Shown.	
	Tach: 4196.7 Engine TS Reman: 353.3 Engine inspected and serviced in accordanced oil and inspected oil filter, in 8qts Phillips 20W 50 oil. Checked condition Checked timing. All work done in accordand Cessna Service Manual. Research this AD does not apply. Dennis Stadel A&P 567842183	Engine TS Reman: 353.3 Engine inspected and serviced in accordance with a 100 hour inspection. Chanced oil and inspected oil filter, installed new CH48110-1 oil filter and 8qts Phillips 20W 50 oil. Checked compression 1. 80 2. 78 3. 78 4. 78. Checked timing. All work done in accordance with Lycoming Service Manual and Cessna Service Manual. Researched AD 2007-04-19R1 Superior cylinders this AD does not apply. Stadel A&P 567842183

Serial No.	
------------	--

Date	Tach: 4218.9	cense
2111	Engine TS Reman: 375.5	
	Engine inspected and serviced in accordance with a 100 hour inspected oil and inspected oil filter, installed new AA48110-1 oil	filter and
	7qts Phillips 20W 50 oil. Checked compression 1. 78 2. 76 3. 78 4 Checked timing. All work done in accordance with Lycoming Ser	vice Manual ———
	and Cessna Service Manual. Researched AD 2008-19-05 10/20/08	8 ECI
	cylinders this AD does not apply. I certify that this (Exclusive the coordance with the	h a (100 hr) (Annual)
	Dennis Stadel A&P 567842183 inspection and determined to Dated 6/1/67 Total Dennis Stadel A&P IA 5678	timehrs.375.
	Brought Forward Certificated Mechanic, and h Certificate Number MUST be	
	Total to Date Certificate Number MOST be	5 5110 W11.

Serial No.	
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Date	7/1/10 N5162F Lycoming O-360 A4M RL-34741-36A Tach: 4234.4	ense mber
7/1/10	Engine TS Reman: 391.0	
	Engine inspected and serviced in accordance with a 100 hour inspection.	
	Chanced oil and inspected oil filter, installed new AA48110-1 oil filter and 7qts Phillips 20W 50 oil. Checked compression 1. 76 2. 72 3. 76 4. 74.	
	Checked timing. Installed new air filter BA 6108. All work done in accordance with Lycoming Service Manual and Cessna Service Manual. Researched AD 2008-19-05 10/20/08 ECI cylinders this AD does not apply.	
	Dennis Stadel A&P 3449467 I certify that this () has been inspected in accordance with a (100 hr) (Annual) inspection and determined to be in airworthy condition. Dated 7/1/0 Total Time 39/. O hrs. Dennis Stadel All Repair Date March 2 34494671A	
	Brought Forward Total to Date All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	

Data	Tir	ne	·	A4M RL-34741-36A	License
Date	Hrs	Min	Tach: 4245.6		Number
3/15/11			Engine TS Reman: 402.2		
			 Engine inspected and serviced in 	accordance with a 100 hour	
			inspection. Chanced oil and inspection	ected oil filter, installed new	
			_ AA48110-1 oil filter and 7qts Ph	illips 20W 50 oil. Checked	
				74. Checked timing. All work done in	
	-		accordance with Lycoming Servi		
			Manual.		
			Dennis Stadel A&P 3449467	I certify that this (EVO/H-) has inspected in accordance with a (100 hr) (sinspection and determined to be in airworthy to Dated 8/1) [[Total Time 4245]	nas been Annual) ondition. hrs.
	-	-	Page Total	Dennis Stadel	P 344946
		+	Brought Forward	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and	
		+	Total to Date	Certificate Number MUST be Shown.	

Date	Tii Hrs	me Min	10/2/2012 Lycoming O-360 A4M RL -34741-36A	License Number
Idelle			10/2/2012 Lycoming O-360 A4M RL-34741-36A Tach: 4261.9 Engine TS Reman: 418.5	TVGITIDE
			Engine inspected and serviced in accordance with a 100 hour inspection. Checked compression 1. 76 2. 76 3. 78 4. 70. Checked timing. All work done in accordance with Lycoming Service Manual and Cessna Service Manual. Researched AD 2012/19/01 10/24/12 failure of crankshaft. AD does not apply per paragraph (f) not listed in table 1 of Lycoming MSB No. 569A, dated April 11, 2006 and engine remanufactured May 20 1996.	
				hrs.

Serial No.

Date	me 11/7/2013 Lycoming O-360 A4M N Tach: 4279.9 Engine TS Rem	Number
	Engine inspected and serviced in accordance with a 100 hour inspection. Checked compression 1. 76 2. 74 3. 76 4. 76. Checked timing. Changed oil and inspected oil filter, installed new AA48110-1 oil filter and 7 qts Phillips 20W 50 oil. Installed new Tempest UREM38E spark plugs. All work done in accordance with Lycoming Service Manual and Cessna Service Manual.	
	Dennis Stadel A&P 3449467 Date Den	ection and determined to be in airworthy condition. Total Time 477 3449467 1A
	Page Total Brought Forward Total to Date	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.

Date 2/6/15	Time Hrs Min	v o	A4M RL-34741-36A 8 Reman: 442.2	License Number
			accordance with a 100 hour 1. 78 2. 78 3. 77 4. 78. Checked nce with Lycoming Service Manual	
		Dennis Stadel A&P 3449467	certify that this (FNOINE) has spected in accordance with a (100 hr) (spection and determined to be in airworthy count ated 215 Total Time 442, 2 ennis Stadel ATP 344946	
		Page Total Brought Forward Total to Date	All Repair Data Must Bear the Endorsement of Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	

Sarvice Rullatine Latters

DATE	9/14/2015 Lycoming O-360 A4M RI Tach: 4285.6 Engine TS Reman:	
	Tach. 4205.0 Engine 15 Remain	
	Installed new impulse coupling spring pn	M917 in left magneto. In
	accordance with Unison Master Service M	anual. (+1) 3497117
	7	im Stady 5/12111
211116	- 3/1/2016 Lycoming O-360 A4M R	
DITTE	- Tach: 4286.2 Engine TS Remai	n: 442.8
	Engine inspected and serviced in accorda	nce with a 100 hour
	inspection. Checked compression 1. 77 2	
	 timing. All work done in accordance with 	Lycoming Service Manual
	_ and Cessna Service Manual.	I certify that this (ENGINE) has been inspected in accordance with a (100 hr.) (Annuals)
	Dennis Stadel A&P 3449467	inspection and determined to be in airworthy condition.
	- 55	Dated SII G Total Time 442.16 hrs. Dennis Stadel STATP 3449465 1A

DATE	4/26/2017 Lycoming O-360 A4M RL-34741-36A Tach: 4297.5 Engine TS Reman: 454.1	
4/26/17	Engine inspected and serviced in accordance with a 100 hour inspection. Checked compression 1. 76 2. 78 3. 76 4. 76. Checked timing. Changed oil, inspected oil filter. Installed 7qts Phillips 20W 50 XC oil. Installed new oil filter pn AA48110-1. Ground run, operational check normal, no leaks noted. All work done in accordance with Lycoming Service Manual and Cessna Service Manual.	
	Dennis Stadel A&P 3449467 Certify that this (FN6106) the inspected in accordance with a (100 hr) (inspection, and determined to be in airworthy conducted 4/26/17 Total Time 4/297.	Annual) pudition. Las been Annual) pudition. Las been Annual) pudition. Las been Annual)

DATE 5/30/201 Tach: 4	
inspection timing. 6 50 XC of operation All work	Inspected and serviced in accordance with a 100 hour on. Checked compression 1. 76 2. 76 3. 78 4. 76. Checked Changed oil, inspected oil filter. Installed 7qts Phillips 20W oil. Installed new oil filter pn AA48110-1. Ground run, nal check normal, no leaks noted. Installed new oil filter pn AA48110-1. Ground run, nal check normal, no leaks noted. Installed new oil filter pn AA48110-1. Ground run, nal check normal, no leaks noted. Installed new oil filter pn AA48110-1. Ground run, nal check normal, no leaks noted. Installed new oil filter pn AA48110-1. Ground run, nal check normal, no leaks noted.
Dennis S	I certify that this (Excist) has been inspected in accordance with a (100 hr) (Against) inspection and determined to be in airworthy condition. Dated 5/30/18 Total Time 469, 6 hrs. Dennis Stadel

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DATE	6/1/2019 Lycoming O-360 A4M SN: RL-34741-36A Tach: 4314.6 Engine total time: 4314.6
611174	Engine inspected and serviced in accordance with a 100 hour inspection. Checked compression 1. 76 2. 76 3. 76 4. 74. Ground run, operational check normal, no leaks noted. All work done in accordance with Lycoming Service Manual and Cessna Service Manual. Dennis Stadel A&P 3449467

16 Oct 2020 N5162F Lycoming O-360-A4M Serial # RL-34741-36A Γachometer 4320.8 Time Since New 477.4

- Perform 100 hour inspection in accordance with Cessna 172N Service Manual Check list and FAR Part 43
 Appendix D
- Fill engine with Phillips 20 W 50 X/C
- Remove oil filter and cut, found satisfactory, install new oil filter AA48110-2, torque to spec and safety
- Compression 1—78/80 2—79/80 3—79/80 4—78/80
- Check magneto timing 25 degrees and Clean and gap sparkplugs
- See AD listing this for other At) compliance thru 16 Jan 2020
- Wash and run engine no defects found
- Stadel Aircraft Inc.
- Jim Stadel AP 3492117 Michael Miller AP 2896211

The work described above was accomplished in accordance with the current Federal Aviation Administration Regulations and was determined to be in airworthy condition

16 Oct 2020 N5162F Sensenich 76EM8514-0-60 Serial # 30559 K Tachometer 4320.8 Time Since New 477.4

- Perform 100 hour inspection in accordance with Cessna 172N Service Manual Checklist and FAR Part 43
- Dress and inspect blades
- Inspect spinner and bulkhead
- See AD listing for AD compliance thru 16 Oct 2020
- Stadel Aircraft Inc.
- Jim Stadel AP 3492117 Michael A Miller AP 2896211
- The work described above was accomplished in accordance with the current Federal Aviation Administration

Regulations and was determined to be in airworthy condition

Tach: 4333.8 Lycoming O-360-A4M s/n RL-34741-36A N5162F 1979 Cessna 172N SN#172-73120 Date: 11-17-2022

Engine Since New: 490.4 TTAF: 4333.8

Prop: Sensenich s/n 30559K PTT: 490.4

Inspected IAW FAR43 appendix D Checklist.

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

Carlos E. Santos III
AP 3534160 IAx Ph. 925-895-1757 Email: ADRENALINAVIATION1@YAHOO.COM Adrenaline Aviation, Inc., 333 W. Jack London Blvd, Ste 249 Livermore, CA 94551