

THE **adlog**TM AIRCRAFT
MAINTENANCE
RECORDKEEPING
SYSTEM

**AIRFRAME
MAINTENANCE
RECORDS**



AIRFRAME MAINTENANCE RECORDS

Log No. _____

Aircraft Registration No. N141FC

(N141FQ)
18 OF 11/2013

Aircraft Mfg. Piper Model PA28-181 Serial No. 8290176

Engine Mfg. LYC Model O-360 A4A Serial No. ~~L30908 36A~~

Engine Mfg. _____ Model _____ Serial No. _____

Propeller Mfg. SENSENICH Model 76EMB\$S-D-62 Serial No. ~~22139X~~

Hub Design No. _____ Hub Serial No. _____

Blade Design No. _____ Blade Serial No's. _____

Propeller Mfg. _____ Model _____ Serial No. _____

Hub Design No. _____ Hub Serial No. _____

Blade Design No. _____ Blade Serial No's. _____

(All applicable information must be filled in)



P.O. BOX 6005/FREEHOLD, N.J. 07728
(908) 462-5330

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DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			TOTAL brought forward from previous page
11/16/94	2383.0		<p>R/H main tire worn Removed and installed new 4ply tire.</p> <p>Pilots Control yoke ^{Universal} worn Removed and installed Universal 62834-802</p> <p>Pilots windshield Deep Scratches obstruction to vision Removed</p> <p>Windshield and installed new Windshield PN LP - 905 —</p> <p>Removed 2 VHF-251 Radios #1 Scratchy #2 Store knob Broken</p> <p>Installed SN 22708 and 20036 PN 622-2078-001</p> <p>Eng oil and Filter Changed Inspected 95 per Piper</p> <p>Inspection Guide Archer II PA28-181 all work</p> <p>Done I/A/W D.O.F and Manuf Maint. Manual</p> <p>"I certify that this aircraft has been inspected in accordance with AN <u>ANNUAL</u> inspection and was determined to be in airworthy condition."</p> <p><i>William A. Stur</i></p> <p>Name IA 45529412</p> <p>Number</p>
3-15-95	2436.5	2435.9	<p>OIL CHANGE SHELL AEROSHELL 4 QTS</p> <p>FILTER (oil) CHANGED</p> <p><i>Rick E. Spivey</i> pilot</p>
6/2/95	2482.8		<p>ANNUAL INSPECTION C/W. REPLACED AIR FILTER (AD 84-26-2)</p> <p>ADJUSTED RIGHT FLAP UP TWO TURNS. REPLACED RIGHT BRAKE PADS 66-105</p> <p>CHECKED AND RE INSTALLED SHIMMY DAMPER (HAS AIR ENTRAPPED)</p> <p>I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH</p> <p>AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY</p> <p>CONDITION.</p> <p><i>Rick E. Spivey</i> AHP 1904758 IA</p>
			SUB-TOTAL this page
			TOTAL—Carry forward to next page

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			TOTAL brought forward from previous page
	2482.8		REMOVED NAV RADIO-30071
			INSTALL S/N 36460
6/8/95			W. L. Dunder A+P1455158
7/17/95	2534.4	2532.5	OIL + FILTER CHANGE SHELL AEROSHELL 8 QTS <i>Russell E. Magee</i> pilot
			12/30/95 TSI. 2581.0 HRS. ANNUAL INSP. COMPLETED THIS DATE IN ACCORDANCE WITH APPROVED INSPECTION CHECK LIST. C/W S/B #518C ON OIL COOLER BY PASS VALVE. INSTALLED NEW LEFT MAIN GEAR TIRE. ADJUST MAIN GEAR DRAG LINKS SIDE CLEARANCE. NEW RT. NAV. LIGHT BULB. REPLACED VACUUM REGULATOR FILTER. SERVICE NOSE STRUT AND INFLATE TO PROPER SPECS. SEE AD SUMMARY REPORT FOR COMPLIANCE DATA. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL AND WAS DETERMINED TO BE IN AN AIRWORTH CONDITION. <i>H.R. Magee</i> AEROMECH, INC. H.R. MAGEE IA. 689052 941/619 8133
12-30-95	2583.4	2581.0	
3-8-96	2632.8	2630.5	OIL & FILTER CHANGE SHELL AEROSHELL 8 QTS <i>Russell E. Magee</i> pilot
			5/20/96 Total Time on Aircraft: 2668
			Installed PS Engineering PM 1000 TSO intercom in right side radio stack. See FAA Form 337 for details of installation. Weight and balance and Equipment List updated to reflect alteration. New empty weight = 1570.85 lb. New CG = 86.94. New Moment = 136566.78.
			First Coast Avionics, Inc. C. R. S. OTDR494L Authorized Signature <i>F. D. Torrible</i> F. D. Torrible

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DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			TOTAL brought forward from previous page
7-9-96			DATE <u>7-9-96</u> RECORDED TIME <u>2684</u> HRS. ANNUAL INSPECTION COMPLETED THIS DATE IN ACCORDANCE WITH FAR'S, AC MANUAL 43, & APPENDIX-D. SEE REPAIRS AND REPLACEMENTS LISTED BELOW. SEE AD NOTE SUMMARY REPORT FOR COMPLIANCE DATA. GROUND OPERATIONAL CHECK ALL SYSTEMS NORMAL. THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND FOUND TO BE IN AN AIRWORTHY CONDITION. <u>Repaired cabin door lock</u> <u>4 in S.B 965 all D.D's checked thru</u> <u>7-9</u> <u>Ken Wilford</u> KFN WILFORD I A
7-9-96	2684.3	2681.3	
2/19/97	2782.3		Airframe: Removed spots of corrosion on prop. Dressed out nicks and painted. Installed new seals on left strut, serviced with hydraulic fluid and air. Removed and replaced brake pads and rivets. Repositioned right main wheel to promote even wear. Removed and replaced vacuum relief filter. Removed and replaced induction air filter. Installed servicable plug on left wing landing gear strut. <u>SEE AD NOTE SUMMARY REPORT FOR COMPLIANCE DATA. GROUND OPERATIONAL CHECK ALL SYSTEMS NORMAL.</u> T.T. _____ Meter <u>2782.3</u> I certify that this aircraft has been inspected in accordance with a <u>ANNUAL</u> inspection and was determined to be in airworthy condition. <u>2/19/97</u> <u>HR Maage</u> Date Name-Signature A & P—A.L. Certificate No. <u>609052</u>
4-25/97	2832.4		<u>ENGINE OIL + OIL FILTER CHANGED</u> <u>Rubell Aug 1296644</u>

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			TOTAL brought forward from previous page
7-17-97	2882.7		DESCRIPTION OF LABOR PERFORMED
			Remove access panels, inspection plates and inspect airframe, engine, systems and parts in accordance with FAR AC-43, and Appendix-D.
			Work performed:
			Airframe:
			1) Removed wheels for servicing: Cleaned and repacked wheel bearings. Installed new 600X6 tires. (Forestry supplied)
			2) Nose wheel bearings rusty: Removed bearing and races, installed new bearings and races.
			3) Serviced battery with water and cleaned terminals.
			4) Dressed and painted prop.
			I CERTIFY THAT THIS <u>Airframe</u>
			AS BEEN INSPECTED IN
			ACCORDANCE WITH AN <u>Annual</u>
			INSPECTION AND HAS BEEN
			FOUND IN <u>Good</u>
			CONDITION. <u>266852622 I.A.</u>

I CERTIFY THAT THIS ELT

AS BEEN INSPECTED IN

ACCORDANCE WITH AN 9/1/97

INSPECTION AND HAS BEEN

FOUND IN AIRWORTHY /

CONDITION.

Ken Wilkford266852622 I.A.I CERTIFY THAT THIS Airframe

AS BEEN INSPECTED IN

ACCORDANCE WITH AN Annual

INSPECTION AND HAS BEEN

FOUND IN GoodCONDITION. Ken Wilkford266852622 I.A.

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DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
	Tach	29227	TOTAL brought forward from previous page
T.T. 2985.3	3081	5-10-98	
		5-10-98	N141FC PIPER PA20
			Airframe: Completed Annual Inspection: Remove access panels & inspection plates to gain access for annual inspection to airframe and engine in accordance with FAR AC-43, and Appendix-D. The following items were noted for repairs: 1) Parking brake valve leaking under instrument panel: Removed valve, cleaned and resealed. 2) Rudder installed with incorrect hardware: Removed hardware and installed rudder in proper position. Reinstalled with new hardware. 3) Aileron rod bolts too long: Removed and installed correct hardware. 4) Cleaned water from inside wheels. Repacked wheel bearings. 5) Wilkey buttons missing from top of wings. Replaced buttons to prevent water from entering inside of wings.
			I CERTIFY THAT THIS <u>Airframe</u> AS BEEN INSPECTED IN ACCORDANCE WITH AN <u>Annual</u> INSPECTION AND HAS BEEN FOUND IN AIRWORTHY / CONDITION. <u>Kent Wood</u> 266852622 I.A.

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7-1-98		TACH 3082.8				
			6/25/98	N141FC	PIPER	PA-28
			Airframe: 100 hr. inspection in accordance with approved check list. See service items. Replaced filter element. Cleaned fuel filter. Serviced battery. Serviced brakes. Lubed all rod-ends. Cleaned and repacked wheel bearings. Repaired vent window. Replaced brake linings on right side. Installed new strobe bulb in tail.			
			I CERTIFY THAT THIS <u>AIRFRAME</u> AS BEEN INSPECTED IN ACCORDANCE WITH AN <u>Annual</u> INSPECTION AND HAS BEEN FOUND IN AIRWORTHY CONDITION. <u>R. Willford</u> 266852622 I.A.			
			10/13/98	N141FC	PIPER	PA-28-180
			Airframe: Completed Annual Inspection: Remove access panels & inspection plates to gain access for annual inspection to airframe and engine in accordance with FAR AC-43, and Appendix-D. The following items were noted for repairs: Completed 100 hour inspection. Replaced brake linings on left main gear. C/W 96-12-7 impulse coupling inspection due 3673.8 hours. C/W 76-07-12 ignition switch due 3273.8. C/W 95-26-13 oil hose inspection due 3273.8. Replaced ELT battery due Oct. "00". Installed new instrument air filter, D9-18-1. Serviced battery with water. Installed new wing tip light retainer.			
			I CERTIFY THAT THIS <u>Airframe</u> AS BEEN INSPECTED IN ACCORDANCE WITH AN <u>Annual</u> INSPECTION AND HAS BEEN FOUND IN AIRWORTHY CONDITION. <u>R. Willford</u> 266852622 I.A.			
			SUB-TOTAL this page			
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			<div style="border: 2px solid black; padding: 10px; text-align: center;">  <p>8/27/99 N141FC TIME: 3478.7</p> <p>100 hr. inspection in accordance with approved check list. AIRFRAME: Replaced both main tires, 600X6, 8 ply. Replaced bail wire on fuel gascolator bowl, (would not tighten.) Replaced screen in fuel bowl, (screen was damaged.) Installed new nose gear bumper block. Replaced rod end on shimmy dampner. Installed new D9-18-1 instrument air filter. Replaced oil door hinge. Sanded and painted prop. Repaired broken pilot's seat back, (stop block was broken off.) Removed broken battery box. Installed new battery box and battery strap kit. Installed fuel tank capacity placards. Replaced rusty fuel tank screws.</p> <p>Signed <u>H.R. Magee 609052 IA.</u></p> </div>
			<p>I.T. <u>3478.7</u> Meter</p> <p>"I certify that this aircraft has been inspected in accordance with a <u>Annual</u> inspection and was determined to be in airworthy condition."</p> <p><u>8/27/99</u> <u>H.R. Magee</u> Date Name-Signature A.G.P. - A.I.</p> <p>Certificate No. <u>609052 IA.</u></p>
			<div style="border: 2px solid black; padding: 10px; text-align: center;">  <p>N141FC 2/28/00 TIME: 3578.7</p> <p>Completed Annual Inspection: Remove access panels & inspection plates to gain access for annual inspection to airframe and engine in accordance with FAR AC-43, and Appendix-D. The following items were noted for repairs: AIRFRAME: Replaced annunciator light bulb for the alternator inop circuit. Serviced struts with nitrogen. Lubed all pulleys and controls. Serviced battery with water. Serviced hydraulic system with fluid. Complied with FAR 91.207 ELT inspection, battery due October 2000.</p> <p>Signed <u>K. Willy 266852022</u></p> </div>
			<p>E.L.T INSP. AS PER F.A.R. 91.207D</p> <p>(-) PROPER INSTALLATION</p> <p>(-) BATTERY CORROSION</p> <p>(-) OPS. OF CONTROLS & CRASH SENSOR</p> <p>(-) SUFFICIENT SIGNAL RADIATION</p> <p>NAME <u>Willie</u> # <u>609052 IA</u></p>
			SUB-TOTAL this page
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5/30/00	367.5		SPRAYED BEHIND FUEL TANKS WITH DINITROLAV-5, FILL STRUTS, REPLACE RT STRUT VALVE COVER, CERTIFY that this aircraft has been inspected in accordance with AN AN 441.1 ^{REPLACE COM L GROMETS} ^{REPLACE CARB HEAT DUCT} ^{INS MAG IMPULSE} ^{REPLACE STRUT RING GEAR} ^{REPLACE BOTH TANK VENTS} ^{Anti} ^{servo ring} and was determined to be in satisfactory condition. <i>[Signature]</i> 11/11/55758 Number

NICK'S ELECTRONICS & AVIONICS INC.
FAA CRS # N3ER402N
13370 S.W. 131 St. Unit 113, Miami, FL 33186

PIPER PA-28-181 S/N 28-8290176 N141FC

07/20/2000 W/O 1856 TACH TT 3730.5 Hobbs N/A

REMOVED: Foster Loran LRN5000 W/Loran Antenna.

INSTALLED: GARMIN GPS/NAV/COM GNS 430 W/GARMIN ILS/CDI Indicator GI-106A, Power Converter AK550-6 GPS antenna GA56 and COM antenna CI-122.

The Unit was interfaced with the dual Audio selector KMA24H-71, alt. Encoder and existing NAV antenna using splitter CI-1125. Unit was installed I/A/W the manufacturer's instructions, AC20-138 Par 8b, AC43.13-2A Chap. 2 Para. 21 through 26, and was tested I/A/W the Installation Manuals and found to be in satisfactory condition. Weight and Balance is has been computed.

The new Empty weight is 1570.89 lb at 86.30 In. CG

Nikolce Popovski 2549691 *[Signature]*

PIPER PA-28-181 S/N 28-8290176 N141FC

07/20/2000 TACH TT 3730.5 Hobbs N/A

The Radio dimmer circuit was troubleshot and found defective Potenciometer P/N 587-779 and the associated transistor 2N3055 P/N 489-779. The potenciometer and the transistor were replaced with original part numbers. Circuit was tested I/A/W the AC Maintenance Manual and found to meet the manufacturer's specifications.

George Carrazana A & P *[Signature]*

NICK'S ELECTRONICS & AVIONICS INC.
FAA CRS # N3ER402N
13370 S.W. 131 St. Unit 113, Miami, FL 33186

PIPER PA-28-181 S/N 28-8290176 N141FC

07/20/2000 W/O 1857 TACH TT 3730.5 Hobbs N/A

REMOVED: Midland FM Transceiver W/Control head, intercom PM1000, Collins NAV # 1 Receiver VIR351, Collins COM # 1 VHF251, Collins 331H-3G Indicator, Collins GLS350, Bendix T12 ADF System., and the King Audio KMA20

INSTALLED: Dual KING Audio selector KMA24H-71, Technisonic FM VHF Transceiver TFM138B With Shure 12/24 power converter, Audio interface PA34-300, 2 FM VHF Antennas DMC63-3A, Marker beacon receiver KRA22 and Aux FM Connector. Units were installed I/A/W the manufacturer's instructions, FS/OAS A-17, AC43.13-2A Chap. 2 Para. 21 through 26, and was tested I/A/W the Installation manuals and found to be in satisfactory condition. Weight and Balance has been computed. The new Empty weight is 1570.89 lb at 86.30 In. CG

Nikolce Popovski 2549691 *[Signature]*

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DO NOT USE TAC TIME

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			TOTAL brought forward from previous page
4-20-01	3977.5	INSTALLED FACTORY ENG 53.7 HRS SINCE NEW. NEW PROP/NEW TYPE 8 HOSES EXCEPT AIR COOLER VAC PUMP 10 ARKOS 323	I CERTIFY that this aircraft has <u>REPLACED</u> MAIN TIRE & TUBE and been inspected in accordance with an <u>ANNUAL</u> inspection and was determined to be in airworthy condition. Name <u>[Signature]</u> Number <u>1A14155758</u>



N141FC 4/23/01 TIME: 3984.0

Work performed: Removed top cowling and serviced nose strut with fluid and nitrogen. Removed parking brake valve. Disassembled valve, replaced o-rings, reassembled and bled brakes. Removed radio and bench checked. Radio was transmitting 8 watts. Reinstalled radio and ops checked on ground. Jacked aircraft and checked main gear wheel bearings for proper lube. Both main gear wheel bearings were cleaned and lubed. Reinstalled wheels and covers. Washed aircraft, cleaned belly.

Signed [Signature] A&P-IA 266852622

compass corrections	
N	356
S	180
E	90
W	270
030	026
060	056
120	122
150	152
210	208
240	236
300	300
230	330
	SUB-TOTAL
	TOTAL



N141FC 6/12/01 TIME: TT 4074.5

Completed Annual Inspection: Remove access panels & inspection plates to gain access for annual inspection to airframe and engine in accordance with FAR AC-43, and Appendix-D. The following items were noted for repairs: AIRFRAME: Inspected cables and pulleys and lubed. Cleaned paper air filter. Cleaned fuel bowl and screen. Replaced right main tire due to cut in side wall. Complied with 91.207 ELT inspection, due July, 2002. Adjusted compass on compass rose. Made new compass card. This aircraft has been inspected in accordance with an annual inspection and is found to be in an airworthy condition.

Signed [Signature] A&P-IA 266852622

TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
		TOTAL brought forward from previous page
4174.477		REPLACED STROBE P/B
		I CERTIFY that this aircraft has been inspected in accordance with an <u>Annual</u> inspection and was determined to be in airworthy condition.
		<u>[Signature]</u> Name
		<u>1A1455158</u> Number



N141FC 2/14/02 Total 4185.

Work performed: Removed defective stall warning horn. Installed new horn and ops checked.

Signed K Wilford A&P-IA 266852622





N141FC 2/1/02

Work performed: Removed defective directional gyro, s/n A15648E and installed directional gyro s/n 35269 sent from Forestry Department. Serviced nose strut with nitrogen.

Signed K Wilford A&P-IA 266852622

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			<div style="border: 1px solid black; padding: 10px; text-align: center;">  <p>N141FC 5/23/02 TIME: 4274.1, 350.3</p> <p>Completed Annual Inspection: Remove access panels & inspection plates to gain access for annual inspection to airframe and engine in accordance with FAR AC-43, and Appendix-D. The following items were noted for repairs: AIRFRAME: Serviced battery with water and cleaned terminals. Cleaned and packed wheel bearings. Cleaned corrosion from ELT antenna base. Cleaned corrosion from wing skin. Tightened mic and head phone jacks. Replaced instrument panel covering (black fabric.) Removed both windshields and replaced with new windshields. Replaced brake linings. Cleaned fuel screens. Lubed controls and hinges. Complied with ELT inspection and test in accordance with 91.207. This aircraft has been inspected in accordance with an annual inspection and is found to be in an airworthy condition and is approved for return to service.</p> <p>Signed <u>R. Wilford</u> A&P-IA <u>266852622</u></p> </div>
			<div style="border: 1px solid black; padding: 10px; text-align: center;">  <p>N141FC 8/21/02 TIME: 463.2</p> <p>Work performed: Repaired loose connector under pilot's left side panel for amp meter operation. Repaired loose landing light wire at firewall.</p> <p>Signed <u>R. Wilford</u> A&P-IA <u>266852622</u></p> </div>
			SUB-TOTAL this page
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1/14/03
4375 NE 48TH AVE
GAINESVILLE, FL 32609

N:141FC
MAKE:PIPER
MODEL:PA28-181
S/N:258-8290176
FLIGHT LOG 4373.2
W/O#: 006-5

- 1) COMPLIED WITH FAR 91-207 BY INSPECTION AND TEST OF ELT NO DEFECTS IN UNIT BATTERY DUE 6/04
- 2) COMPLIED WITH PIPER AD 95-26-13 BY INSPECTION OF OIL COOLER HOSE RPT 100 HR NO DEFECTS
- 3) COMPLIED WITH BENDIX AD 76-7-12 BY FUNCTIONAL TEST
- 4) PAINTED SCREW HEADS FOR FUEL TANKS LT AND RT
- 5) REPAIRED BATTERY BOX COVER FASTNER AT AFT INBOARD LOCATION
- 6) REPAINTED WING WALK ANTI SKID
- 7) INSTALLED NEW VACUUM REGULATOR FILTER
- 8) INSTALLED NEW INSTRUMENT AIR FILTER
- 9) CLEANED CORROSION OF ALL WING PANELS AND REPAINTED
- 10) CLEANED TREATED AND PAINTED MISC SPOTS OF SURFACE CORRSION
- 11) SERVICED BATTERY ELECTROLYTE
- 12) REPAIRED FIBERGLASS ON COWLING AT EXHAUST
- 13) SERVICED RT STRUT NITROGEN

I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION USING FP 5100-31 (REV 12/96) CHECKLIST AND CURRENT FEDERAL AIR REGULATION AS GUIDELINES. THIS AIRCRAFT FOUND TO BE IN AN AIRWORTHY CONDITION

R SCOTT LAMBERT AP 264335121 IA

R Scott Lintner



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N141FC 4/17/03

Work performed: Tightened alternator belt. Removed pitot tube, blew out tube and reinstalled. Tightened aft spar wing bolts.

Signed H.R. Magee A&P-IA 609052

I CERTIFY that this aircraft has REPAIRED L.O.B. CENTER
been inspected in accordance with an ANNUAL inspection FLAP BEARINGS
and was determined to be in airworthy condition.

Name

Number



ARTEX AIRCRAFT SUPPLIES, INC.
14405 Kell Rd. NE, Aurora, OR 97002
(503) 678-7829 800-547-4901

LOG BOOK ENTRY

E.L.T. BATTERY
REPLACEMENT DATE

July 06



6/11M04
4375 NE 48TH AVE
GAINESVILLE, FL 32609

N: 141FC
MAKE PIPER
MODEL: PA28-181
S/N:
FLIGHT LOG-4565
W/OV: 161-1

- 1) COMPLIED WITH FAR 91-207 BY INSPECTION AND TEST OF THE ELT NO DEFECTS WERE FOUN WITH THE UNIT INSTALLED NEW ELT BATTERY DATE JULY 06
- 2) COMPLIED WITH BENDIS AD 76-07-12 BY FUNCTIONAL CHECK
- 3) COMPLIED WITH PIPER AD 95-26-13 OIL COLLER HOSES NO DEFEC TS
- 4) INSTALLED NEW RIGHT AND LEFT MAIN TIRES 600X6X6PLY FC111
- 5) CHECKED TORUQUES ON AFT SPAR BOLTS AND VERTICAL STAB ATTACH BOLTS

I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION USING THE MANUFACTURES RECOMMEDATIONS AND CURRENT FEDERAL AIR REGULATIONS AS GUIDELINES THIS AIRCRAFT FOUND TO BE IN AN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN TO SERVICE

R SCOTT LAMBERT AP264335121 IA

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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4612.9 TT 7/8/05			<p>I CERTIFY that this aircraft has <u>LUBE. CABIN HEAT CABLE</u> been inspected in accordance with an <u>ANAL</u> inspection <u>REPAIR COPINOT FRONT SPAR COVER</u> and was determined to be in <u>airworthy condition.</u> <u>REPAIR L.D. LIGHT PLUG</u></p> <p><u>Anthony D. Smith</u> Name <u>REPLACE COWL GROMETS</u></p> <p><u>JA1455158</u> Number <u>REPAIR CABIN STEP.</u></p>



9/15/2005
4701 NE 40th TERRACE
GAINESVILLE, FL 32609

N: 141FC ENGINE
MAKE: LYCOMING
MODLE: O-360
S/N/
TACH: 753.4
W.O.#

- 1) Trouble shoot and install overhauled starter assemble P/N MZ-4222 S/N E104293 functional test good

R Scott Lambert AP264335121

R Scott Lambert



3/27/2006
4701 NE 40th TERACE
GAINESVILLE FL 32609

N: 141FC
MAKE: PIPER
MODLE: PA 28-181
S/N:
TACH: 792.7
W/O#:

- 1) Installed overhauled Prestolyte stater P/N MZ 4222
2) Installed new Gill G-35 battery

R Scott Lambert AP 264335121

R Scott Lambert

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6/1/2006
4701 N.E. 40th TERRACE
GAINESVILLE, FL 32609

N: 141FC
MAKE: PPA28-181
S/N:
TACH: FLIGHT LOG 4711.4
W/O#:

- 1) Complied with FAR 91-207 by inspection and test of the ELT no defects the battery due date is July 2007
- 2) Complied with Bendix AD 76-07-12 ignition switch test good
- 3) Cleaned and painted rusty flap hardware
- 4) Lubricated as needed applied corrosion X to airframe

I certify this aircraft has been inspected in accordance with an annual inspection using current Federal Air Regulations and the manufactures recommendations as guidelines. This aircraft found to be in an airworthy condition and is approved for return to service

R Scott Lambert AP 264335121 IA

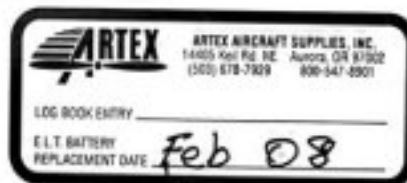


8/8/2006
4701 NE 40th TERACE
GAINESVILLE FL 32609

N: 141FC
MAKE: PIPER
MODLE: PA-28-161
S/N:
TACH:
W/O#:

- 1) Complied with FAR 91-207 by inspection and test of the unit installed new battery date is Feb 2006
- 2) Installed new pilots push to talk switch

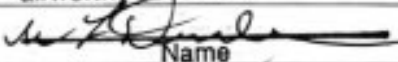
R Scott Lambert AP 264335121



11-9-06	4807.7	TTAF	Serviced Compass w/ fluid, Repaired Co-pilot sun visor, Replaced Carbon monoxide Detector, Replaced nose bumper, Replaced Recertified fire Extinguisher, Serviced main landing gear struts, made minor fiber-glass repairs to Engine cowling and Rt wheel fairing. Replaced DG w/ OH unit. RZ 141 3094502

SUB-TOTAL this page

TOTAL—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTAL brought forward from previous page			
NOV 13-06	4807.7	TTAK	I CERTIFY that this aircraft has been inspected in accordance with an <u>Annual</u> inspection and was determined to be in airworthy condition.  Name <u>1A1455-158</u> Number
5-1-07	4907.7	TTAK	I certify that this AC has been inspected IAW an annual inspection and was found to be in airworthy condition. <u>RB IA 3094502</u>

PRECISION AIR SERVICES
Panama City, FL

26 September 2007

N 141FC

Tach: 1104.8

ACFT T.T. 5002.7

Completed 100 Hr/annual insp IAW acft MM. Jacked, packed bearings and checked brakes. Lubed aircraft per MM. Adjusted tension on flight control cables. CW AD 76-07-12, Bendix switch, and AD 95-26-13, oil cooler hose replacement. All ADs checked thru 2007-19. Aircraft approved for return to service.----end----


Richard S Blaich
A&P/IA3061155

REPLACE ELT BATTERY BY: <u>Replaced ELT Battery &</u>		
MAR '10		
3-21-08	5012	TT
Tested <u>RB</u> <u>IA 3094502</u>		
3-24-08	5012	TT
Replaced Carb heat Shroud w/ NEW P/N 62981-06/62981-07, Replaced Rear muffler 66894-03, Replaced Rt wing Curtis Drain Valve CCA1550. <u>RB</u> <u>IA 3094502</u>		
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DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			TOTAL brought forward from previous page
29 APR 13			TACH & TOTAL 5389.7 ENGINE REMOVED - SENT TO DON GEORGE INC - REINSTALLED - SEE ENG LOG FOR DETAILS, REPLACED NOSE GEAR STOP BLOCK PN 79072.00 & AIR FILTER. I CERTIFY THIS ACFT HAS BEEN INSPECTED I/A/W ANNUAL INSPECTION & WAS DETERMINED TO BE IN AIRWORTHY CONDITION <i>John A. Brown</i> P19087717A
6/13/2013			NEW VSI, SN. NE 497939 ³²⁵⁵⁹⁶ , NEW ALTIMETER SN. NE 497939 ³²⁴⁹⁷⁹³⁹ , OHC TRUE AIRSPEED IND SN 82322 INSTALLED. NEW ALT ENCODER INSTALLED SN N19604
			<p>CENTRAL FLORIDA AVIONICS & INSTRUMENTS N 141FQ WO: 13165-1 06/14/13</p> <p>Installed Trans-Cal Encoder Model SSD120-30N SN: N19604. Installed referencing Trans-Cal installation manual Doc Number 882188 Rev C, AC-43.13-1B, and AC-43.13-2B. Weight and balance change negligible. Performed altitude correspondence check. Altitude reporting system checks good IAW FAR 91.413. Tested Static System IAW FAR 91.411 (3) and FAR 23.1325 (2)(i). Bendix/King KT76A SN: 26757 was tested and found to meet FAR Part 43 Appendix E Par C. For pertinent details see WO#13165-1 on file at this facility.</p> <p><i>[Signature]</i> 06/14/13 AUTHORIZED SIGNATURE DATE</p> <p>CENTRAL FLORIDA AVIONICS & INSTRUMENTS LLC. 8812 AIRPORT BLVD. LEESBURG, FL 34788 CRS#: F4LR560Y</p>

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TOTAL—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			TOTAL brought forward from previous page
			<p>MAKE: Piper <i>Accurate Aviation</i> Accurate Aviation Group Inc. DATE: 7/23/2013 MODEL: PA-28-181 A/C TSN S/N: 28-8290176 TACH REG NO: N141FQ WORK ORDER: 13-327 204 Moffatt Place Golota, CA 93117 Phone: (805) 770 2500</p> <p>Airframe Entries</p> <p>(2) Owner requests Landing Gear Strut service. Serviced landing gear struts with nitrogen</p> <p>Reference: Piper PA-28-181 airplane Maintenance Manual p/n 761-679 dated July 30, 1994</p> <p>Maintenance Release</p> <p>The aircraft, airframe, engine, propeller or appliance identified above was repaired and/or inspected in accordance with current regulations under the Federal Aviation Administration and is approved for return to service. Permanent details of the repair are on file at this FAA Certified Repair Station #U41UR400Y under Work Order #13-327</p> <p>DATE: 7/23/2013 SIGNED: <i>Jonathan R. Switzer</i> Work Order: 13-327 Jonathan Switzer CRS # U4UR400Y Printed by EBis 3 (datcomedia.com)</p>
			<p>A/C Reg # 141FQ Date: 12/12/13 A/C Make/ Piper PA-28-181 Tach# 456.9 A/C Serial # 28-8290176 2898 W. Felt St. Oxnard, Ca 93030 A/C T.T.# 5193.4 (805) 985-5416 Work Order # 6881 CRS#IGAR978E TYPE INSP. Unscheduled</p> <p>Nose strut was repacked at owners request utilizing new packing's P/N's MS28775-242, AN5246-27, Q4222 and Wiper P/N 10V70. Strut was serviced with MIL-H-5606A and dry nitrogen as per Piper service manual sections 2 and 12. Nose wheel bearings were removed, cleaned, inspected and repacked, no defects noted at this time.</p> <p>I certify that the inspections and maintenance previously described have been performed on this aircraft and was determined to be in an airworthy condition.</p> <p><i>Jeffrey Tujrly</i> 12/12/13 CRS# IGAR978E Date</p>
4/27/2014			<p>INSTALLED NEW ALCOR EGT SN 265461</p> <p>Indicator, EGT FAA-PMA WT: 0.2 LBS. RTG: 3.63 Ohm 90" CA 1600 P/N: 46150 S/N: 265461</p>
5/1/2014			<p>NEW ELT BATTERY INSTALLED FOR AIRTEX ME406 P/N 11-05277 ELT BATTERY EXPIRES JULY/2020</p>
			SUB-TOTAL this page
			TOTAL —Carry forward to next page

DESCRIPTION OF WORK PERFORMED—
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

DATE

TIME
IN
SERVICE

METER
TIME

TOTAL brought forward from previous page

8/2/15
DATE: 8-2-15
MAKE: PIPER MODEL: PA 28-181 S/N: 28-8290178
REG: N 141FQ TACH: 5277.8
A.F.T.T.: 5277.8



FLIGHT CONTROLS INSPECTED AND LUBED. ALL TIRES AIRED UP. SECURED RADIO ANTENNA SPLITTER. SERVICED A/C BATTERY. RE-TORQUED LEFT WING FUEL TANK FITTING. ELT TESTED AS PER FAR 91.207D 1-4. NEXT EXPIRATION DATE: JULY 2020. RE-SAFETIED PROP MOUNTING BOLTS AS NEEDED. TREATED CORROSION ON LEFT WING ROOT FAIRING

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED I.A.W. AN ANNUAL INSPECTION I.A.W. FAR 43 APPENDIX D AND HAS BEEN DETERMINED TO BE IN AIRWORTHY CONDITION.

[Signature]

DENYS M. LEIGH-TAYLOR A&P 3489563 I A

4/15/2016

Registration No.: N141FQ
Make & Model No.: Piper PA-28-181
Serial No.: 28-8290178



AFTT: n/a
Landings: n/a
Hobbs: n/a
Tach: 5323.5

Discrepancy: During preliminary inspections found static system leaking beyond limits.

Corrective Action: Troubleshoot system. Found static system leaking from multiple fittings behind instrument panel. Tightened fittings as required. Performed preliminary leak checks, system ready for IFR certification.

Discrepancy: Comply with aircraft static system tests, ATC transponder certification per 14CFR91.411 and 14CFR91.413 and 14CFR Part 43 Appendix E and F.

Corrective Action: Complied with static system operational and leak checks and complied with ATC transponder operational checks. All tests good.

I certify that the altimeter and static systems test required by 14CFR91.411 and ATC transponder tests, including data correspondence, required by 14CFR91.413 have been performed and found to comply with 14CFR Part 43, Appendix E and F. The systems were tested to 20,000 feet.

Altimeter: United p/n: 5934P-1 s/n: 497939
Altitude Encoder: Trans-Cal p/n: SSD120-30N s/n: 19604
ATC Transponder: KT76A p/n: 066-1062-00 s/n: 26757

The aircraft and/or component identified was repaired and inspected in accordance with current Federal Aviation Regulations and was found Airworthy for return to service. The signature is the approval for return to service only for the work performed. Pertinent details of work performed may be found at this FBO's offices under Work Order #1524.

[Signature]

Tim Pierce

FAA CRS #ZZ2R363L

April 15th, 2016

6/1/2016

INSTALLED NEW 635 Battery
[Signature]
V. Hahok owner



G02897242

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DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
2016			TOTAL brought forward from previous page
5/18	5329.2		<p>Date: 5/18/16 Tach: 5329.2</p> <p>Fabricated and replaced right brake line from master cylinder hose to right fuselage stringer</p> <p>Cass Bennett AP538803678IA <i>CRS</i></p> <p>3147 Donald Douglas Loop S. Santa Monica, CA 90405 (310) 397-8183 DATE: 12-17-16</p> <p>MAKE: PIPER MODEL: PA 28-181 S/N: 28-8290176 REG. N141FQ TACH: 5347.3</p> <p>I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED I.A.W. AN ANNUAL INSPECTION AND WAS FOUND TO BE IN AIRWORTHY CONDITION. RESEALED CO-PILOT'S R/H MASTER CYLINDER AND R/H BRAKE CALIPER, RELINED ALL BRAKE PADS AND BLUE HYDRAULIC SYSTEM. BOTH MAIN GEAR STRUTS RESEALED AND SERVICED. BOTH WINDSHIELDS REPLACED. ELT INSPECTED AND TESTED PER FAR 91.207D. BATTERY PACK EXPIRATION DATE IS : JULY 2020.</p> <p>DENYS M. LEIGH-TAYLOR A&P 3486563 I A <i>DET</i></p>
			<p>Replaced seals in both main gear struts Serviced main gear struts w/ 5606 & nitrogen Replaced nose tire w/ Air Hawk 6.00X6 Cleaned, inspected and repacked all wheel bearings</p> <p>Cass Bennett AP538803678IA <i>CRS</i></p>
			<p>3147 Donald Douglas Loop S. Santa Monica, CA 90405 (310) 397-8183 DATE: 2-24-18</p> <p>MAKE: PIPER MODEL: PA 28-181 S/N: 28-8290176 REG. N141FQ TACH: 5454.0</p> <p>I CERTIFY THIS AIRPLANE HAS BEEN INSPECTED I.A.W. AN ANNUAL INSPECTION AND IS DETERMINED TO BE IN AIRWORTHY CONDITION. ALL FOUR EXHAUST SYSTEM RISERS REPLACED WITH NEW PARTS AND INSTALLED WITH NEW ATTACH HARDWARE. AD 2017-14-04 TERMINATED BY TSO-c53 TYPE D HOSES INSTALLED. AD 2018-02-05 C.W. BY COMPLIANCE OF PIPER SB 1309(CORRECT COVER TYPE AND POSITION AND GOOD PLACARD CONDITION). ALTERNATOR BELT ADJUSTED. AIRCRAFT BATTERY SERVICED.</p> <p>DENYS M. LEIGH-TAYLOR A&P 3486563 I A <i>DET</i></p>

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TIMEDESCRIPTION OF WORK PERFORMED—
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

TOTAL brought forward from previous page

2-9-19 5499.8 R&R ALTERNATOR FOR OVERHAUL BY
AED ACCESSORIES WD 47179, NEW ALTERNATOR
BELT INSTALLED PN MC 73965 OK. GROUND
RUN WITH NORMAL OPERATION



A/C: N141FQ S/N 8290176 Tach: 5499.8 Date 4/17/2019

1. Complied with SB480F and SI1492D 50Hr oil And filter Change/piston Plug wear Insp next 50Hr insp due at Tach 5549.8.
2. Complied 100Hr lube In reference with Piper PA28-181 maintenance manual next 100Hr lube due at tach 5599.8
3. Complied with E.L.T 100Hr/12 month insp in reference with Artex ME406 Maintenance manual ops check good next 100/12 month due at Tach 5599.3 or April/2020
4. Complied with AD with FAA website and ATP Hub Complied with AD 2018-07-03 fuel tank selector cover to a preflight check no defects found, P/C/W AD 2017-14-12C complied with by change of new Oil cooler Hoses, P/C/W Complied with AD 2013-03-02 Control cable inspection all AD's up to date.
5. Removed Nose Wheel bearing and Cup P/N LM2979-2-629 Qty 2 and P/N LM29710-2-629 greased bearing All in reference with Cleveland wheel and tire Maintenance manual.
6. Replaced Intake Air filter P/N 08-07276 next replacement due 2021 or at Tach time 5999.8
7. Removed insp clock and replaced with new costumer supplied clock p/n 10-22812. all work done I/A/W piper PA-28-181 M/M. Ops check good.
8. Complied with Annual inspection serviced engine with 8qts of Aeroshell 15W50 and replaced oil filter CH48110-1 Performed compression test results as Follows Cyl#1-77/80 Cyl#2-72/80 Cyl#3-78 Cyl#4-76/80 Replaced Vacuum filter P/N D9-18-1 and foam filter P/N ARB3-5-1 Lubed landing gear and Aircraft All in Reference with PA28-181 Maintenance Manual and Lycoming IO-360 engine maintenance manual. Performed AD research ALL AD's up to date. I certify that the Aircraft, Engine and Propeller listed in this work order have been repaired and inspected in accordance with current regulation of the Federal Aviation Administration and is approved for return to service. Pertinent details of repairs and inspection are on file at this repair station under work order number and date listed above

The aircraft airframe, aircraft engine, Propeller or appliance identified above was inspected or repaired in accordance with current Manufacturers manuals and regulations of the Federal Aviation Agency and is approved for return to service. Inspector *[Signature]* Ground run and test flight performed. Pilot *[Signature]*

SUE

Pertinent details of the inspection are on file at this repair station NCRS IGAR 978E under

TOT

Work Order No: 8653 Date: 4/17/2019 Tach Time: 5499.8.

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			TOTAL brought forward from previous page
4/22/19		5501.0	Verified ELT Battery Expiration Date of July 2020. <i>JCD</i> A-P45P377134

N141FQ – Piper PA-28-181 – S/N: 28-8290176

TACH: 5553.7 hrs

Airframe logbook

- Performed an annual inspection on aircraft in accordance with TCDS 2A13, Appendix D of FAR 43, AC43.13-1B/2B, and Piper manuals (761-678, 761-679).
- Wheels and brakes:** removed wheels from aircraft. Inspected tires – wears on treads are within limitations. Cleaned and inspected components of wheels – no discrepancies noted. Repacked bearings of wheels with Aeroshell grease 5. Cleaned and inspected components of brakes – wears on brakes are within limitations. Reinstalled wheels and brakes on aircraft. Filled reservoir with fluid (MIL-5606) and bled system of brakes.
- Gascolator:** cleaned screen and replace gasket (1x 462-049).
- Cables – flight controls:** adjusted tension on aileron cable at 40 ± 5 lbs and adjusted tension on rudder cable at 35 ± 5 lbs.
- Tanks – fuel storage:** removed tanks from wings. Removed existing gaskets, valves and fitting from tank. Installed new gaskets (2x 755-049), valves (2x CCA-1550) and fittings (2x AN816-6D) on tanks. Reinstalled tanks on aircraft with new hardware (80x MS27039-0809, 60x MS27039-0812). Filled tanks with fuel (AVGAS) and inspected for leaks – no discrepancies noted.
- FAR 91.207(d):** performed operational check of ELT on 121.5 Mhz – no discrepancies noted. **ELT BATTERY EXPIRES 8/2021.**
- I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.

Jan Wells
Jan Wells, IA 3143386

4 March 2020

8-7-2020	5559.1		FOUND AMP GAUGE INOPERATIVE, LABEL GAUGE WIT INOP LABEL AND RENDERED IT INOPERATIVE <i>Thay Van Brock</i> 3569644 AP

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wo: WO 2021034

Airframe - page 1 of 1

DATE

WORK



Aviation Specialties - 300 County Airport Rd., Hangar A - Vacaville, CA 95688 - 7074512860

N141FQ
TACH 7590.5

Piper, PA28-181, S/N: 28-8290176

March 16, 2021

1. Annual Inspection IAW FAR 43 Appd. D. Removed inspection panels and lubricated all flight control surface hinge points and control rod ends. Inspected landing gear systems and lubricated, inspected brake discs and linings for thickness. Inspected and lubricated Trim tab system. Cleaned fuel strainer screens. Inspected engine air intake filter. Replaced vacuum regulator filter. CW FAR 91.207 (d) by test and inspection of ELT with no defects found. ELT batteries expires Aug 2021. All Applicable AD checked and complied with through 2021-06 (AD 20-26-16 Scheduled for 04-3 -2021). Installed (1) ARB3-5-1 - Vacuum Relief Filter.
2. Removed old brake discs from left and right mains due to them below minimums. Replaced with new discs left and right, as well as new brake linings left and right. Installed (2) 164-02000 - Brake Discs, Installed (4) 066-10500 - Brake Lining.
3. Complied with AD 13-02-13 Effective date March 11, 2013 (Stabilator control system) In accordance with Piper service bulletin 1245A instructions 1-10. No defects or corrosion noted. Next due: 7 years or @ Tach 7590.5.

I certify that this aircraft and components have been inspected, repaired and maintained in accordance with the manufacturer's data, guidance and Federal Aviation Regulations and is returned to service only for the work performed. Details of work performed are on file with Aviation Specialties under work order: WO 2021034.

Jonathan Stemen A&P with IA 4003856

wo: WO 2021045

Airframe - page 1 of 1



Aviation Specialties - 300 County Airport Rd., Hangar A - Vacaville, CA 95688 - 7074512860

N141FQ
tach: 5635.81Piper, PA28-181, S/N: 28-8290176
ACTT: 5635.81

April 8, 2021

1. Complied with AD 20-26-16, Wing Separation by Main Spar Cap Fatigue Cracking Effective date 02-16-2021 IAW (i) Eddy Current Inspect and piper service bulletin No. 1345. Eddy Current inspection performed by Aero-Hoff Inspection Services Inc. an ASNT Level 3 inspector. FAA Repair Station I9OR058X. No defects found. Next due when main wing spar accumulates 5,000 factored service hours from this ACTT as calculated in paragraph (h).
2. Aircraft starter does not engage, trouble shoot starting system and found starter solenoid not functioning properly. Removed and replaced starter solenoid, ops check is good. Installed (1) STS-S12 - Sky-Tech Starter Solenoid 12V.

I certify that this aircraft and components have been inspected, repaired and maintained in accordance with the manufacturer's data, guidance and Federal Aviation Regulations and is returned to service only for the work performed. Details of work performed are on file with Aviation Specialties under work order: WO 2021045.

Tracy Van Iwarden A&P with IA 3569644

The aircraft, component, or part was inspected in accordance with current Federal Aviation Regulations and is approved for Return to Service.

Authorized Representative: _____

Work Order No: 210403B Date: 4-3-2021

Aerohoff Inspection Services, Inc. FAA Certificate # I9OR058X
(760) 806-2782

N141FQ

TOTAL—Carry forward to next page

N141FQ

tact: 5662.55

Piper, PA28-181, S/N: 28-8290176

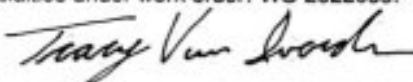
ACTT: 5662.55

April 09, 2022

1. Annual Inspection IAW FAR 43 Appd. D. Removed inspection panels and lubricated all flight control surface hinge points and control rod ends. Inspected landing gear systems and lubricated, inspected brake discs and linings for thickness. Inspected and lubricated Trim tab system. Cleaned fuel strainer screens. Removed battery and topped off cells with distilled water, charged to 100% and installed back into aircraft. Serviced all tires to be IAW Piper MM. Cleaned and inspected engine air intake filter. Replaced vacuum regulator filter. CW FAR 91.207 (d) by test and inspection of ELT with no defects found. ELT batteries expires March 2029. All Applicable AD checked and complied with through 2022-07 See AD Log in aircraft binder for AD Compliance. Installed P/N ARB3-5-1 - Vacuum Relief Filter.
2. Removed existing compass and installed owner provided Precision Aviation Inc. Model PAI-700 Vertical Card Magnetic Compass. Performed compass compensation procedure IAW manufactures instructions and installed compass card indicating errors.
3. Serviced all landing gear shock struts to be IAW Piper maintenance manual.
4. Removed pilot side left brake master cylinder from aircraft. Cleaned inspected and overhauled with TCBM-17000 overhaul kit and installed back into aircraft. Bled brake system, operation and leak check is good.
5. Removed parking brake master cylinder from aircraft. Cleaned inspected and overhauled with new O-rings and installed back into aircraft. Bled brake system, operation and leak check is good.
6. Installed cotter pin in castellated nut for engine alternate air door.
7. Removed interior side panels and removed corrosion on rear wing spar attachment points. Treated with corrosion-X and installed interior side panels.

I certify that this aircraft and components have been inspected, repaired and maintained in accordance with the manufacturer's data, guidance and Federal Aviation Regulations and is returned to service only for the work performed. Details of work performed are on file with Aviation Specialties under work order: WO 2022033.

Tracy Van Iwarden A&P with IA 3569644



AIRTRONICS / GOLD WING AVIATION

12145 N. Deves Rd., Lodi, CA, 95242

Date: 08-12-2022 Logbook: Airframe Tail Number: N141FQ

Tach: Model: PA-28-181 Serial: 28-8290176 Work Order #: 886

Repairs / Maintenance / Installations

- INSTALLED GFC560 TWO AXIS AUTOPILOT WITH OPTIONAL ELECTRIC TRIM IAW APPROVED INSTALLATION DOCUMENTATION. SEE FAA 337 FOR FULL DETAILS.
- REMOVED EXISTING AI. INSTALLED GARMIN CERTIFIED GS PFD AS ALTITUDE INDICATOR IAW APPROVED IM. SEE FAA 337 FOR FULL DETAILS.
- FOR CROSSFILL TO FUNCTION BOTH 530 AND 430 MUST BE WAAS UNITS. CROSSFILL NOT AN OPTION AT THIS TIME. ALSO TERRAIN DATA IS DIFFERENT FOR A NON WAAS AND WAAS UNIT. FOUND TERRAIN CARD IN 430 HAVING 530W DATA, AND CARD IN 430 FUNCTIONAL FOR 530W. SWAPPED CARDS AND UNITS BOOT, HOWEVER 530 DOES NOT HAVE AIRPORT TERRAIN. CUSTOMER WILL NEED TO ACQUIRE PROPER CARD READER FOR TERRAIN CARDS FOR UPDATING. FOR NOW UNITS OPERATE FOR INTENDED USE. A GARMIN FLIGHTSTREAM 210 WAS INSTALLED AND INTERFACED TO THE GARMIN GNSS530W IAW THE APPROVED GNSS530W AND FS210 MANUAL. THE FLIGHTSTREAM 210 IS AN OPTIONAL TSO'D ACCESSORY TO THE EXISTING 530W, AND A MINOR ALTERATION.
- INSTALLED TSO'D GARMIN GSB15 IN AVIONICS PANEL IAW THE APPROVED TSO INSTALLATION MANUAL. THIS IS A MINOR ALTERATION.
- TESTED ANTENNA SYSTEM AND IT CHECKS GOOD. SIGNAL OUTPUT ON 430 IS SAME AS 530. ONE THING TO NOTE IS THAT COM ANTENNAS ARE ON TOP AND BOTTOM OF AIRCRAFT. THE RADIO USING BOTTOM (GNSS530W) WILL HAVE BETTER RECEPTION IN AIR OPS THAN 430 ON TOP. COULD NOT DUPLICATE ANY GARBLED TRANSMISSION AS ALL WAS 5x5. POSSIBLE PROBLEM CORRECTED BY NEW INSTALLTION AND FIXED WIRES OF EXISTING INSTALL. POSSIBLE GARBLED NOISE IS AMBIENT OR ENGINE. ADVISE AFTER TEST FLIGHT. ALTITUDE INPUT MISSING AT 430. WIRED INPUT IAW INSTALL MANUAL FOR 430 TO RECEIVE ALL AIR DATA INCLUDING PRESSURE ALTITUDE.
- TESTED AMP GAUGE AND FOUND IT IS FAILED. GAUGE IS PART OF CLUSTER AND RECOMMEND MECHANIC TO LOCATE REPLACEMENT. CHTR3 FOUND OPEN AT CONNECTION. REPAIRED CONNECTION AND TEST GOOD.
- A GMU11 WAS INSTALLED NEAR END OF LEFT-WING INBOARD OF TIP. THE LEFT AIRFRAME GROUND WIRE OF NAV STRUCK WAS MOVED TO A NEW GROUND POINT 3 FEET INBOARD OF GMU11 AS REQUIRED FOR NO MAG INTERFERENCE. INSTALLED GAD290, WITH INTERFACE TO GNSS530W FOR GPS, VLOC #1, AND GN5430 FOR GPS, VLOC #2. NOTE 430 IS NOT WAAS AND HAS NO LPV-V GPS APPROACH CAPABILITY. SEE FAA 337 GS INSTALL FOR FULL DETAILS.

The work described on the above work order was performed accordance with current regulations of the FEDERAL AVIATION AGENCY, and is approved for RETURN TO SERVICE Name: Steven T Busch

 Date: 08/12/2022 A&P/IA 3403641

~~N5959B~~

141

MAR 01

ENGINE LOG

The Piper logo features a stylized triangle above the word "Piper" in a bold, italicized sans-serif font.

ENGINE DESCRIPTION

LYCOMING - WILLIAMSPORT, PENNA.

Manufacturer: _____

Serial No. _____

L-37218-36A

Horsepower: _____

180

Model: _____


O-360-A4M

FAA T. C. No. _____

E286

Engine Accessories	Serial No.	Weight

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Motor		
			P.O. Box 4942 Baltimore, MD 21220 (410) 574-4299 CRS #LF1R294K	
LOG BOOK ENTRY				
N5959B	Engine Entry		April 14, 2000	
W/O 16877 S/N L3721836A Hobbs 25.5 TT Engine 25.5				
Oil and filter changed. Remove oil sump screen and inspect and NDN. Cut open and inspect filter and NDN.				
Service engine with aeroshell 50W oil and install new CH48110 filter. Tighten oil dipstick and resafety. Run and leak check engine and recowl.				
-----END-----				
MAINTENANCE RELEASE The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under Work Order No. <u>16877</u> Date: <u>4-14-2000</u> Signed <u>Anthony N. Serio</u> for Skytech, Inc. P.O. Box 4942 Baltimore, MD 21220				
LF1R294K				



LOG BOOK ENTRY

P.O. Box 4942
Baltimore, MD 21220
(410) 574-4299
CRS #LF1R294K

N5959B

Engine Entry

August 4, 2000

W/O 17212 S/N L37218-36A Hobbs 50.6 Tach 40.3

Oil and filter changed. Cut open and inspect filter and NDN. Remove and inspect screen and NDN. Service engine with aeroshell 15W50 oil and install new CH48110 filter. Run and leak check and recowl.

-----END-----

MAINTENANCE RELEASE

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under Work Order No. 17212

Date: 8-4-00

Signed Anthony N. Lewis for

Skytech, Inc.

P.O. Box 4942

Baltimore, MD 21220

LF1R294K

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
9-12-00	Brought Forward →	Hobbs 66.8	TACH TIME 53.7	
Remove this engine from this aircraft N5959B				
and return to Lycoming for repainting of engine				
Anthony N. Siro CRS LFIR 294K				
Total To Carry Forward				

and Remarks	Signature	Certificate No.
-------------	-----------	-----------------

TEXTRON Lycoming

652 Oliver Street
Williamsport, PA 17701

10/05/00 Engine s/n L-37218-36A was removed from service with 53.7 TT and returned to Textron Lycoming for inspection/repair due to the paint peeling. Engine was disassembled, cleaned, paint removed and inspected. Reworked and inspected crankshaft to blueprint. Cylinders were honed replacing 4 outer springs. Engine was reassembled replacing the fuel pump. Also replaced were all; bearings, piston pin plugs, piston rings, hardware necessary for the repair and all perishable items. Engine was repainted and tested in accordance with Textron Lycoming specifications and is determined to be in an airworthy and safe operating condition. Additional service bulletins and instructions complied with 240R, 475B (91-14-22), SI 1267C, 1424, 1487. All pertinent data relating to this work is on file at Textron Lycoming under work-order CR00171.

M. A. Dugan Repairman #2606040
Repair Station EJ1R115K

END

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		

TEXTRON Lycoming

652 Oliver Street
Williamsport, PA 17701

10/05/00 Engine s/n L-37218-36A was returned to Textron Lycoming with 53.7 TT due to the paint peeling on the accessory housing. Removed accessories from accessory housing repainted and reinstalled accessories. Boroscoped cylinders and inspected engine to Bill of Material. Installed starter ring gear, alternator s/n A120256, and (6) spark plugs. Engine is determined to be in an airworthy and safe operating condition. All pertinent data relating to this work is on file at Textron Lycoming under work-order CR00171.

M. A. Dugan
M. A. Dugan Repairman #2606040
Repair Station EJ1R115K

END

Total To
Carry Forward



[illegible]

THE
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AIRCRAFT
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RECORDKEEPING
SYSTEM

**ENGINE
MAINTENANCE
RECORDS**

ENGINE MAINTENANCE RECORDS

Log No. 2

Aircraft Registration No. N141FC

Engine Manufacturer LYCOMING

Model O360-A4M

Serial No. L-37218-36A

Date installed on aircraft 4-2-01

Time Between Overhauls (TBO) 2000 Hours

If used on multi-engine aircraft:

- | | |
|--------------------------------|-------------------------------|
| <input type="checkbox"/> Right | <input type="checkbox"/> Left |
| <input type="checkbox"/> Front | <input type="checkbox"/> Rear |



AEROTECH PUBLICATIONS INC.

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1-800-235-6444
FAX: (631) 765-9359

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
4/2/01	53.7	53.7		SINCE NEW 3979.5 ACTT ADD 53.7 HRS AT INSTALL
INSTALLER) ENSURE WITH NEW LOGS MTS				I CERTIFY that this aircraft has been inspected in accordance with an <u>100 HR</u> inspection and was determined to be in airworthy condition.
NEW TYPE HOSES EXCEPT COOLER (PCW) 36775				NAME <u>W. T. Linder</u>
NEW AIR FILTER ON ALTERNATOR WOM 446360				Number <u>ASTA 1455158</u>
NEW PROPELLER NEW ALT BALT RE VAC PUMP				
NEW 211CC PAK 005				



N141FC 6/12/01 TIME: TT 4074.5

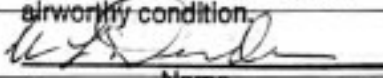
ENGINE: Completed 100 hour for Annual Inspection in accordance with approved check list. See service items. Drained oil and changed filter. Serviced with 100W Aeroshell. Cleaned plugs and fuel filter. Throttle was found out of rig. Rigged to hit the high RPM stop. Adjusted mag timing. Compression check: 1)72, 2)76, 3)72, 4)72.

Signed

K. WilfordA&P-IA 266852622

SUB-TOTALS this page

TOTALS—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
	250.6	REPLACED		TOTALS brought forward from previous page
1/16/02		REAR MUFFLER		REPAIRED HEAT MUFF
	4174.4	ACT		I CERTIFY that this aircraft has been inspected in accordance with an <u>100 HR</u> inspection and was determined to be in airworthy condition.
				 Name
				<u>AJP 1455788</u> Number

AEROMECH
QUALITY AIRCRAFT MAINTENANCE

N141FC 5/23/02 TIME: 4274.1, 350.3

ENGINE: Completed 100 hour for Annual Inspection in accordance with approved check list. See service items. Drained oil and changed filter. Serviced with 100W Aeroshell. Cleaned and gapped spark plugs, tested and reinstalled. Checked mag timing. Cleaned induction air filter. Compression check: 1)72, 2)73, 3)72, 4)74. Inspected exhaust system for cracks and leaks.

Signed K Wilford A&P-IA 266852622



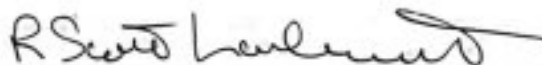
1/14/03
4375 NE 48TH AVE
GAINESVILLE, FL 32609

N:141FC ENGINE
MAKE:LYCOMING
MODEL:0-360-A4M
S/N:L-37218-36A
FLT LOG=4373.2 TSMOH=449.4
W/O#: 006-5

- 1) COMPRESSION @ 80 PSI 1)70 2)73 3)70 4)70
- 2) CHANGED OIL AND FILTER SERVICED 8QTS AEROSHELL 100W AND LW16702
- 3) CHECKED OLD FILTER ELEMENT WASHED DOWN AND LEAK CHECKED ENGINE
- 4) CLEANED GAPPED AND TESTED SPARK PLUGS REPLACED TWO EACH REM38E PLUGS
- 5) INSTALLED NEW INDUCTION AIR FILTER PER AD84-26-2 RPT 500 HRS
- 6) ADJUSTED ENGINE IDLE SPEED AND IDLE MIXTURE
- 7) LUBRICATED AND "FREED" UP MIXTURE CONTROL
- 8) INSTALLED NEW INTAKE GASKET #3 CYLINDER

I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100HR INSPECTION USING FP 5100-31 (REV 12/96) CHECKLIST AND CURRENT FEDERAL AIR REGULATIONS AS GUIDELINES THIS ENGINE FOUND TO BE IN AN AIRWORTHY CONDITION

R SCOTT LAMBERT AP 264335121 IA



DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
546.2 Eng				
4470 AC TT				
7/29/08				I CERTIFY that this aircraft has <u>8 New Rem 38 S</u> been inspected in accordance with an <u>100HR</u> inspection <u>SPARK PLUGS</u> and was determined to be in airworthy condition. <u>CW 500HR MAG INSP.</u> <u>[Signature]</u> Name <u>AP 264335121</u> Number



6/11/04
 4375 NE 48TH AVE
 GAINESVILLE, FL 32609

N: 141FC ENGINE
 MAKE: LYCOMING
 MODEL: O-360-A4M
 S/N:
 FLIGHT LOG 4565.0
 W/O# 161-1

- 1) COMPRESSION @ 80 PSI 1)72 2)74 3)72 4)76
- 2) CHANGED OIL AND FILTER SERVICED 8 QTS AEROSHELL 100W AND LW16702
- 3) CLEANED GAPPED AND TESTED SPARK PLUGS
- 4) WASHED AND LEAK CHECKED ENGINE
- 5) CHECKED MAGNETO TIMING


I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100HR INSPECTION USING THE MANUFACTURES RECCOMENDATIONS AND CURRENT FEDERAL AIR REGULATIONS AS GUIDELINES THIS ENGINE FOUND TO BE IN AN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN TO SERVICE

R SCOTT LAMBERT AP 264335121

[Signature]

SUB-TOTALS this page

TOTALS—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
	4612.9 ACIT			TOTALS brought forward from previous page
7/8/05	688.1 Eng 3.0 H.			CERTIFY that this aircraft has been inspected in accordance with an <u>100 HR</u> inspection and was determined to be in airworthy condition.
				 Name
				<u>A+P1453758</u> Number

UAC
University Air Center

5/4/2006
4701 NE 40th TERRACE
GAINESVILLE FL 32609

N: 141FC ENGINE
MAKE: LYCOMING
MODEL: O-360-A4M
S/N:
TACH: 809.4 FLIGHT LOG 4691.4
W/O#:

- 1) Installed new engine driven fuel pump p/n LW-15472 with new fitting seals and gaskets functional test of unit good

R Scott Lambert AP 264335121



UAC
University Air Center

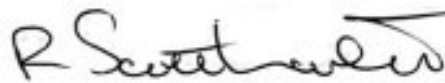
6/1/2006
4701 N.E. 40th TERRACE
GAINESVILLE, FL 32609

N: 141FC ENGINE
MAKE: LYCOMING
MODEL: O-360-4AM
S/N:
TACH: FLT LOG 4711.4
W/O#:

- 1) Compression @ 80 PSI 1)72 2)74 3)73 4)75
- 2) Changed oil and filter serviced 8 quarts aeroshell 100W and LW16702
- 3) Inspected old filter element washed down and leak checked engine
- 4) Cleaned gapped and tested spark plugs
- 5) Retimed magnetoes

I certify this engine has been inspected in accordance with a 100 hour inspection using the manufactures recommendations and current federal air regulations as guidelines. This engine found to be in an airworthy condition and is approved for return to service

R Scott Lambert AP 264335121



SUB-TOTALS this page

TOTALS—Carry forward to next page

TOTALS—Carry forward to next page

DATE

TOTAL
TIME
IN
SERVICETOTAL
TIME
SINCE
OVERHAULTACH OR
RECORDING
METER
TIMEDESCRIPTION OF WORK PERFORMED—
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK**PRECISION AIR**

Panama City, FL

SERVICES

26 September 2007

N 141FC

Tach: 1104.8

ACFT T.T. 5002.7

Completed 100 Hr/annual insp IAW Engine MM. Changed oil and filter. Checked compression, Checked Mags, replaced top plugs on #2. Adjusted mixture and idle speed. Tightened cyl base nuts #3 cyl. Cleaned air filter. Replaced Alternator with OH PN: 3656624 SN: D012278. Replaced exh. System parts PN: P1M0007, SN: 11E23-0002. Replaced fuel hoses per SB 240, and SL L201B (8yr / 1000Hr). CW AD 95-26-13 by hose replacement. ADs checked thru 2007-19 Engine approved for return to service—end---



Richard S Blaich
A&P/IA3061155

**University Air Center**

4701 NE 40th TERACE
GAINESVILLE FL 32609

N: 141FC
MAKE: PIPER
MODEL: PA-28-181
S/N:
TACH: FLT LOG 5050.9
W/O#:

- 1) Changed oil and filter serviced 8 quarts aeroshell 100w
- 2) Inspected old filter element washed down and ;leak checked engine
- 3) Installed customer supplied VSI static leak check good

R Scott Lambert AP 3300566



1-29-09 5095.2 T+LF

1171.5 TTE

Changed oil & filter, Replaced Ignition harness, I certify that this Engine has been inspected IAW Annual inspection and was found to be in airworthy condition



SUB-TOTALS this page

TOTALS—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
2-8-10	5146.7	TTAF		#4 cylinder has oil blow by. Removed cylinder and found excessive wear on Cam. This engine is now considered UN-Airworthy!
	1223.0	TTT		12 APR 3094562
29 APR 13	5147.5	TT		ENGINE REMOVED

LYCOMING O-360-A4M

SN L-37218-36A

April 24, 2013

This engine was disassembled, cleaned and inspected for camshaft replacement. All steel parts, including the crankshaft, were cleaned, visually, dimensionally inspected and magnetic particle inspected and the crankcase was liquid penetrant inspected by POWER/AVIATION on WO#413362. The crankshaft, SN V537913590, PN 13B27134 is not affected by SB549 or SB569. The crankshaft gear was cleaned, visually, dimensionally, and magnetic particle inspected by AIRCRAFT SPECIALTIES WO#216309 and installed in modified condition with new bolt, lock, torque to 204 inch lbs. and locktab bent in accordance with SB475C para.6. The camshaft was replaced with a reconditioned unit by AIRCRAFT SPECIALTIES WO#160343. The lifter bodies were replaced with new SUPERIOR AIRPARTS units, REV. AN, LOT#M120087203. The cylinders were disassembled, exhaust guides replaced, reamed, seats dressed, honed for ring finish, cleaned, painted, reassembled with new exhaust valves, valve keys, leak checked, and fitted with new pistons and rings. The following parts were installed:

4 ea 16711A main bearings	1 ea 11754R camshaft	4 ea 74230P05 exhaust guide
2 ea 13884A nose bearings	1 ea 61084 spring	4 ea 75089 piston
3 ea 13521A rod bearings	1 ea 1028B ball	1 ea MS-10625-2081 clip
8 ea 75061 rod bolts	4 ea 19001A exhaust valve	1 ea 18687 pin
5 ea 12186 rod nuts	1 ea 78531 body	4 ea 73857 oil rings
8 ea 72877 lifter bodies	4 ea 75906-S gasket	8 ea 74241 compression rings
1 ea STD-2246 bolt	8 ea MS13997-3 keys	4 ea 77611 ex-gaskets
1 ea 18539 tab	8 ea 60009 keys	24 ea STD-1925 screws
1 ea 06A19956 seal	4 ea 69603 hose	4 ea 12272 lock
8 ea 72198 plugs	1 ea 14260 seal	2 ea STD-713 pins
1 ea 75439-1 gasket set	1 ea CH48110-1 filter	4 ea 14995 spring
4 ea STD-1821 hose	8 ea 12862 plugs	8 ea 72198 plug
1 ea 12795 gasket		

This engine was reassembled in accordance with the LYCOMING OVERHAUL MANUAL and TABLE OF LIMITS, PN 60294-7, and FC-306-2 with "TIMES to CONTINUE". Customer's original magnetos and fuel pump were reinstalled. Engine installed on test stand and operated for approx. 1 hour. All temps and pressures monitored were normal at this time. No other work performed. Engine is ready for installation of remaining serviceable, overhauled or new accessories and test run per SI 1427B by certificated individual retaining this engine to service.

(END)

Michael L. Geburt
Michael L. Geburt P3472983

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
				ENGINE REINSTALLED
				I CERTIFY THIS ACFT ENG HAS BEEN INSPECTED
				1/11/14 ANNUAL INSPECTION & WAS DETERMINED TO BE
				IN AIRWORTHY CONDITION (SIGNED) B.R. A&P1908771 IN
				ENGINE TOTAL TIME 1244 SINCE NEW
26 JUN 13	TACH 411			CHANGED OIL 50/100 NON DET, &
				FILTER 6148110, COMP CK 75/80
				(SIGNED) B.R. A&P1908771 OIL SAMPLE
6 SEPT 2013	TACH 445			OIL CHANGED TO W100 DET.
				OIL SAMPLE MAILED 7 SEPT 2013

ENGINE MODEL: O-360
ENGINE S/N:
REG. NO. N1411Q
WORK ORDER: 13-327

Accurate Aviation

Accurate Aviation Group Inc.

204 Moffett Place
Galesia, CA 95117
Phone: (925) 770-2800

DATE: 7/23/2013
A/C TSN:
ENG. TT:
TACH:

Engine Entries

1) Engine run rough at 1500 RPM. Performed ground run w/ engine. Troubleshoot system. Verified discrepancy. Performed repairs, inspected and tested all components. Found normal. Removed Fuel Gascoiler fuel filter & Carburetor filter. Cleaned, inspected and re-evaluated. No defects noted. Inspected Carburetor, fuel door and performed functional / control checks in mixture and throttle. All checks good. Performed Engine compression check readings as follows: 1) 73/80 2) 72/80 3) 75/80 4) 74/80. During further troubleshooting found Magneto tower (pre timing off). Returned Magneto to 25 degrees BTDC. Performed ground run / operational test to system. All tests check good.

Reference: Piper PA-28-181 airplane Maintenance Manual p/n: 701-679 dated July 30, 1994 and Lycoming O-360 Series Overhaul Manual p/n: 60294-7 rev. 0.

Maintenance Release

The aircraft, airframe, engine, propeller or appliance identified above was repaired and/or inspected in accordance with current regulations under the Federal Aviation Administration and is approved for return to service. Permitted records of the repair are on file at the FAA Certified Repair Station N1411Q/PA28181 under Work Order #13-327.

DATE: 7/23/2013

SIGNED:

Jonathan Smith, Chief Pilot/Repair

Work Order: 13-327

Printed by EGS-3 (airframe/eng.com)

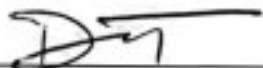
ENGINE

Date: 2 July 2014
Model: O-360-A4M
Engine T.T. : 1296.5

Make: Lycoming
S/N: L37218-36A
Since new: 1296.5
Tach: 5220.5

I certify this Engine has been I.A.W. an Annual Inspection and has been found to be in an Airworthy Condition.

Compression test Results: 1) 78/80, 2) 79/80, 3) 76/80, 4) 80/80


Denys M. Leigh-Taylor
A&P 3486563 IA

DATE	AL IE ICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
7/2/2014	5220.5	12,96.5	TTSN	OIL / FILTER CHANGED W100 PLUS OIL SAMPLE MAILED Vut. Hake owner
4/12/15	5274.4	1350.4	TTSN	OIL / FILTER CHANGED W100 PLUS OIL SAMPLE MAILED Vut. Hake owner

DATE: 8-2-15

MAKE: PIPER MODEL: PA 28-181 S/N: 28-8290176

REG: N 141FQ TACH: 5277.8

A.F.T.T.: 5277.8

MAKE: LYCOMING MODEL: O-360-A4M SN: L37218-36A

ETT: 1353.8 E.T. SINCE NEW: 1353.8

RE-RIGGED THROTTLE CONTROL, REPAIRED CARBURETOR HEAT CONTROL RIGGING. SERVICED ALL SPARK PLUGS.
PERFORMED GROUND RUN, NO LEAKS AND OPERATION GOOD.I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED I.A.W. AN ANNUAL INSPECTION I.A.W. FAR 43 APPENDIX D
AND HAS BEEN DETERMINED TO BE IN AIRWORTHY CONDITION.

COMPRESSION CHECK: 1) 76/90 2) 76/90 3) 76/90 4) 77/90

DENYS M. LEIGH-TAYLOR A&P 3486563 I A

4/3/16 5320.5 1396.5 TTSN OIL / FILTER (AA 4810-2) CHANGED
8 QTS W100 PLUS Vut. Hake owner

3147 Donald Douglas Loop S.

Santa Monica, CA 90405

(310) 397-8183

DATE: 12-17-16

MAKE: PIPER MODEL: PA 28-181 S/N: 28-8290176 REG. N141FQ TACH: 5347.3

MAKE: LYCOMING MODEL: O-360-A4M E.T.T.: 1423.4

I CERTIFY THIS ENGINE HAS BEEN INSPECTED I.A.W. AN ANNUAL INSPECTION AND WAS FOUND TO BE IN AIRWORTHY
CONDITION. BOTH MAGNETOS REMOVED FOR 500 HOUR INSPECTIONS, INSTALLED AND TIMED TO 25 DEGREES B.T.C.
ALL SPARKS PLUGS SERVICED AND TESTED. ENGINE GROUND RUN, OPERATION GOOD.

COMPRESSION TEST RESULTS: 1) 78/90 2) 77/90 3) 77/90 4) 76/90

DENYS M. LEIGH-TAYLOR A&P 3486563 I A

3 SEPT 17 TACH 5423.0 CHANGED
OIL AERO SHAL 15W50 + FILTER
CH48110. Xany 1 Bell A&P 1908771 JA

Santa Monica, CA 90405

(310) 397-8183




DATE: 2-24-18

MAKE: PIPER MODEL: PA 28-181 S/N: 28-8290176 REG. N141FQ TACH: 5454.0

MAKE: LYCOMING MODEL: O-360-A4M

CHANGED ENGINE OIL AND FILTER (CH48110-1 AND 8QTS A/S W100 PLUS), CUT OPEN OLD FILTER, NO DEFECTS. OIL
SAMPLE TAKEN. RESET BOTH MAGNETOS TO 25 DEGREES. SERVICED ALL SPARK PLUGS. ADJUSTED ALTERNATOR BELT.
ALL EXHAUST RISERS REPLACED WITH NEW ATTACH HARDWARE. TIGHTENED CYL #3 OIL DRAIN BACK "B" NUT. GROUND
RUN ENGINE, OPERATION GOOD WITH NO LEAKS. NO AD'S APPLY TO THIS ENGINE.
COMPRESSION TEST: 1) 79/90 2) 78/90 3) 78/90 4) 80/90

DENYS M. LEIGH-TAYLOR A&P 3486563 I A

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK																		
				TOTALS brought forward from previous page																		
8-16-18			5467	R/R alternator ^{CB} Starter for repair by Aero Accessories see W.O. # 46279																		
				<table border="1"> <tr> <td>A/C Reg#</td> <td>N141FQ</td> <td rowspan="3">  Aspen Helicopters, Inc. 2899 West 5th Street Oxnard, CA 93030 (805) 985-5416 </td> <td>Date</td> <td>4/17/2019</td> </tr> <tr> <td>A/C Make</td> <td>PA-28-181</td> <td>Tach</td> <td>5499.3</td> </tr> <tr> <td>A/C Ser #</td> <td>8290176</td> <td></td> <td></td> </tr> <tr> <td>Work Order#</td> <td>8653</td> <td>CRS# IGAR978E</td> <td>Type Insp</td> <td>Engine 100Hr annual</td> </tr> </table> <p>Complied with 100Hr engine Annual inspection serviced engine with 8qts of Aeroshell 15W50 and replaced oil filter CH48110-1 with avblend additive. Performed compression test results as follows Cyl#1-77/80 Cyl#2-72/80 Cyl#3-78 Cyl#4-76/80. All in Reference with PA28-181 Maintenance Manual and Lycoming IO-360 engine maintenance manual. Performed AD research ALL AD's up to date. I certify that the Engine listed in this work order have been repaired and inspected in accordance with current regulation of the Federal Aviation Administration and is approved for return to service. Pertinent details of repairs and inspection are on file at this repair station under work order number and date listed above</p> <p><i>Eduardo Morales</i> Date <u>4/17/19</u> Eduardo Morales CRS#IGAR978E</p>	A/C Reg#	N141FQ	 Aspen Helicopters, Inc. 2899 West 5th Street Oxnard, CA 93030 (805) 985-5416	Date	4/17/2019	A/C Make	PA-28-181	Tach	5499.3	A/C Ser #	8290176			Work Order#	8653	CRS# IGAR978E	Type Insp	Engine 100Hr annual
A/C Reg#	N141FQ	 Aspen Helicopters, Inc. 2899 West 5th Street Oxnard, CA 93030 (805) 985-5416	Date	4/17/2019																		
A/C Make	PA-28-181		Tach	5499.3																		
A/C Ser #	8290176																					
Work Order#	8653	CRS# IGAR978E	Type Insp	Engine 100Hr annual																		

Lycoming O-360-A4M – S/N L-37218-36A

Location: N141FQ – Piper PA-28-181 – S/N: 28-8290176

TACH: 5553.7 hrs

Engine TT: 1629.9 hrs

Engine logbook

- Performed a 100 hours inspection on engine in accordance with TCDS E286, Appendix D of Part 43 and AC43.13-1B/2B, and Piper manuals (761-678, 761-679).
- Compressions:** #1: 72/80, #2: 76/80, #3: 72/80, #4: 73/80.
- Change of oil:** drained oil and removed filter from engine. Inspected filter – no discrepancies noted. Installed new filter (1x CH48110-1) on engine and filled fresh oil (7 quarts Aeroshell 15W50) into engine.
- Sparkplugs:** removed sparkplugs (8x REM40E) from engine, and installed new sparkplugs (8x UREM40E) with new gaskets (8x M674) on engine.
- Magnetos:** verified magnetos are timed and synchronized to engine at 25° BTC.
- Carburetor:** drained carburetor and secured plug with safety wire.
- I certify that this engine has been inspected in accordance with a 100 hours inspection and was determined to be in an airworthy condition.

Jan Wells
 Jan Wells, A&P 3143386

4 March 2020

SUB-TOTALS this page

TOTALS—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
2020				TOTALS brought forward from previous page
Aug. 7			5559.1	REMOVED INOPERATIVE STARTER P/N MZ-4222R S/N F124087 BY KELLY AEROSPACE. INSTALLED NEW SKY-TEC STARTER P/N 149NL S/N H-4042184, OPS CHECK IS GOOD Tracy Van Looch 3569644AP
04/12/21				
Tach: 5590.2 TT				
Engine: 1666.4 SMOH				
Drained oil and replaced with 7qts. Aero Shell 15W-50.				
Replaced CH48110-1 oil filter and safety wired. Opened old filter.				
no signs of contamination present.				
Added 12oz. Avblend oil additive.				
Engine test-run; no issues or leaks found.				
Stevan Batinic				
Owner, pilot cert #4250498				

wo: WO 2021034

Engine - page 1 of 1



Aviation Specialties - 300 County Airport Rd., Hangar A - Vacaville, CA 95688 - 7074512860

N141FQ
TACH: 5590.5

March 16, 2021

1. 100 hour service and inspection IAW FAR 43 Appd. D checklist. Drained oil and replaced oil and oil filter. Cleaned and inspected all fuel screens. Removed spark plugs, cleaned, serviced, rotated, and installed back into engine using new gaskets. Performed compression test #1: 76, #2: 72, #3: 74, #4: 71. Verified magneto to engine timing is 25 degrees BTC. Installed (7) W100 Aeroshell - W100 Aeroshell, Installed (1) CH48110-1 - Oil Filter, Installed (8) M674 - Spark Plug Gasket.

I certify that this engine and components have been inspected, repaired and maintained in accordance with the manufacturer's data, guidance and Federal Aviation Regulations and is returned to service only for the work performed. Details of work performed are on file with Aviation Specialties under work order: WO 2021034.

Jonathan Stemen A&P with IA 4003856

12/01/21

Tach: 5606 TT

Engine: 1682 SMOH

Drained oil and replaced with 7qts. Aero Shell 15W-50.

Replaced CH48110-1 oil filter and safety wired. Opened old

filter; no signs of contamination present.

Added 12oz. Avblend oil additive.

Engine test-run; no issues or leaks found.

Stevan Batinic

Owner, pilot cert #4250498

SUB-TOTALS this page

TOTALS - Carry forward to next page

