

ENGINE MAINTENANCE RECORDS

Log No. _____

Aircraft Registration No. N10420

Engine Manufacturer Lycoming

Model O-360-A1F6D

Serial No. L-20455-36A

Date installed on aircraft _____

Time Between Overhauls (TBO) _____ 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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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
N10420 Date: 6/2//03 Tach Time: 2116.3 SMOH: 0 Total Time: 2116.3 Installed 8 qts Aero shell Mineral oil. Installed Prop, bulkhead & spinner. Installed missing scat hoses. Ground run of engine done, no leaks noted & all pressures normal. This engine has been inspected IAW an Annual inspection and was determined to be in airworthy condition and is approved for return to service. Authorized Signature <u><i>Michael Huy</i></u> Certificate #IA547175111A&P				
9/1/03	2134.3	17.8	2134.3	Oil & filter change - stayed with Mineral oil (100w). Oil analysis Ok. Hyl Gys #2588974
1/17/04	2161.8	45.5	2161.8	Oil & filter change - switched to AeroShell 100 50w. Hyl Gys #2588974
6/26/04	2191.4	74.9	2191.4	Oil & filter change - AeroShell 100 Hyl #2588974

AHART AVIATION 186 Airway Blvd Livermore, Ca 94550 (925) 606-7640
 N10420 Date: 7/5/04 Tach Time: 2191.5 SMOH 75.2 Total Time: 2191.5 W/O A0706

This engine has been inspected IAW a 100hr inspection per FAR 43 appendix "D".
 I certify this engine has been inspected IAW a 100hr inspection and was determined to be in an airworthy condition and is approved to return to service.

Authorized Signature *Ralph Huy*
 Certificate #548552163A&P

AHART AVIATION 186 Airway Blvd Livermore, Ca 94550 (925) 606-7640

N10420 Date: 7/5/04 Tach Time: 2191.5 SMOH: 75.2 Total Time: 2191.5

I certify this engine has been inspected IAW an Annual inspection and was determined to be in an airworthy condition and is approved to return to service.

Authorized Signature *Michael Huy*
 Certificate # IA547175111A&P

4/3/05	2226.3	110.0	2226.3	Oil & filter change - AeroShell 100 ^{6 1/2 qt} Hyl #2588974
8-4-05	2245.6	129.3	2245.6	Date <u>8-4-05</u> Tach Time <u>2245.6</u> I certify that I have inspected this engine in accordance with an ANNUAL inspection and found it to be in an airworthy condition. Total Time <u>2245.6</u> T.S.O. <u>129.3</u> <u><i>Ralph Huy</i></u> Ralph Huy A & P 549540228 IA.
				SUB-TOTALS this page
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2/18/06	2261.2			Oil + filter change. 6 1/2 qt Aeroshell 15-50. ²⁵⁸⁸⁹⁷⁴ Hyl G

Ahart Aviation Services Inc. 186 Airway Blvd. Livermore, CA 94550 925-606-7640 shop 925-449-2142 office N10420 Date: 9/8/06 Tach Time: 2289.2 SMOH 172.9 Total Time: 2289.2 W/O A0901

This engine has been inspected IAW a 100hr inspection per FAR 43 appendix "D". Replaced oil & filter with 6 1/2 quarts Aeroshell 15w50 & CFO-100-1 filter. I certify this engine has been inspected IAW a 100hr inspection and was determined to be in an airworthy condition and is approved to return to service.
Authorized Signature [Signature]
Certificate #2819202A&P

Ahart Aviation Services Inc. 186 Airway Blvd. Livermore, CA 94550 925-606-7640 shop 925-449-2142 office N10420 Date: 9/8/06 Tach Time: 2289.2 SMOH: 172.9 Total Time: 2289.2

I certify this engine has been inspected IAW an Annual inspection and was determined to be in an airworthy condition and is approved to return to service.

Authorized Signature [Signature]
Certificate # IA3034133A&P

7/8/07	2329.1			Oil + filter change. +6 qts Aeroshell 15-50 ²⁵⁸⁸⁹⁷⁴ Hyl G changed all 8 spark plugs for cleaned/gapped plugs.
9-1-07	2331.1	214.8	2331.1	checked compression #1-72 #2-76 #3-77 #4-78 NEW ENGINE A17's 2006-06-15, 2006-10-21 + 2006-17-07 A19 203 installed
				Date <u>9-1-07</u> Tach Time <u>2331.1</u> I certify that I have inspected this <u>ENGINE</u> in accordance with an <u>ANNUAL</u> inspection and found it to be in an airworthy condition. Total Time <u>2331.1</u> T.S.O. <u>[Signature]</u> <u>[Signature]</u> Ralph Huy A&P 549540228 I.A.
8/8/08	2360.0	243.7	2360.0	Oil + filter change. + 6 qt Aeroshell 15-50. ²⁵⁸⁸⁹⁷⁴ Hyl G rotated spark plugs top/bottom & for/aft. changed landing light.

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11-8-08	2366.3	248.0	2366.3	checked compression #1-72 #2-C5 #3-C2 #4-25 AD 2008-14-05 N/A 105 FCI CYL.
				Date <u>11-8-08</u> Tach Time <u>2366.3</u>
				I certify that I have inspected this <u>ENGINE</u> in accordance with a <u>100hr</u> inspection and found it to be in an airworthy condition.
				Total Time: <u>2366.3</u> TTSO: <u>248.0</u>
				<u>Ralph Huy</u> Ralph Huy A&P 549540228 IA.
12/7/08	2368.5	250.2	2368.5	changed oil + filter + 6 qts Phillips XC 20-50 2588774 1/1/09
6/21/09	2399.9	281.6	2399.9	changed oil + filter + 6 qts Phillips XC 20-50 2588774 1/1/09

Ahart Aviation Services Inc. 186 Airway Blvd. Livermore, CA

94550 925-606-7640 shop 925-449-2142 office
N10420 Date: 12/9/09 Tach Time: 2409.4 SMOH 293.1 Total Time 2409.4 W/O A1204

This engine has been inspected IAW an Annual inspection per FAR 43 appendix "D". Replaced oil & filter with 6 quarts Phillips XC 20W50 & CFO-100-1 filter. I certify this engine has been inspected IAW a 100hr inspection and was determined to be in an airworthy condition and is approved to return to service.

Authorized Signature [Signature]
Certificate #IA3034133A&P

7/2/10	2426.5	308.2	2426.5	changed oil + filter + 6 qts Phillips XC 20-50 CFO-100-1 filter Anti-rost 2588774 1/1/09
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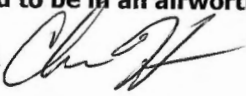

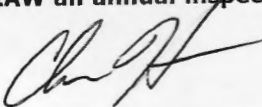
Tri-Valley Aviation
Aircraft Services & Repair
333 W. Jack London Blvd #144 Livermore, CA 94551 office 925-455-5802, fax 925-455-5813
June 21, 2018 Tach: 2426.5 SMOH: 310.2 N10420




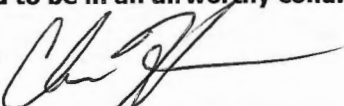
Inspected this **Engine** IAW an annual inspection as per FAR 43 "D" Cleaned, gapped, and rotated all spark plugs. R/R all cylinders after repairs by One Stop Aviation. Replaced all cylinder base gaskets, intake, push tube, and valve cover seals. Change oil with 8n qts 20w-50XC, and C-100 filter canister. Repaired MP line. Replaced Induction Filter BA-5705. Test Run and Leak Checked no defects found all temps and pressures normal. **I certify that this engine has been inspected IAW an annual inspection and determined to be in an airworthy condition.**

Chris Hamilton 2799543 APIA [Signature]

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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
	2437.6	321.3	2437.6	TOTALS brought forward from previous page
9/1/18	2437.6	321.3	2437.6	changed oil (6 qts Phillips AC 20-50 + 8 oz Cam Guard) 2 Filter (CFO-100-1) H/L Gyr 2588974
<p>8/16/2019</p>  <p>Tri-Valley Aviation Aircraft Services & Repair</p> <p>333 W. Jack London Blvd #144 Livermore, CA 94551 office 925-455-5802, fax 925-455-5813 June 21, 2018 Tach: 2426.5 SMOH: 328.0 N10420</p> <p>Inspected this Engine IAW an annual inspection as per FAR 43 Appendix "D". Compression 1) 76/80, 2) 70/80, 3) 67/80, 4) 74/80. Cleaned, gapped, and rotated all spark plugs. Change oil with 8 qts 20w-50XC, and C-100 filter canister. Replaced alternator bracket p/n 07A21443, bolt AN7-42A and repaired alternator. Adjust magneto timing. Replaced Induction tube coupling p/n 69603 where stand-by vacuum system was. Test Run and Leak Checked no defects found all temps and pressures normal. I certify that this engine has been inspected IAW an annual inspection and determined to be in an airworthy condition.</p> <p>Chris Hamilton 2799543 APIA </p>				
 <p>Tri-Valley Aviation Aircraft Services & Repair</p> <p>333 W. Jack London Blvd #144 Livermore, CA 94551 office 925-455-5802, fax 925-455-5813 September 15, 2020 Tach: 2456.6 SMOH: 340.0 N10420</p> <p>Inspected this Engine IAW an annual inspection as per FAR 43 Appendix "D". Compression 1) 77/80, 2) 75/80, 3) 70/80, 4) 78/80. Cleaned, gapped, and rotated all spark plugs. Change oil with 8 qts 20w-50XC, and C-100 filter canister. Test Run and Leak Checked no defects found all temps and pressures normal. I certify that this engine has been inspected IAW an annual inspection and determined to be in an airworthy condition.</p> <p>Chris Hamilton 2799543 APIA </p>				
9/23/20	2456.6	341.0		add 8 oz Camguard. H/L Gyr 2588974
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 <p>Tri-Valley Aviation Aircraft Services & Repair</p> <p>333 W. Jack London Blvd #144 Livermore, CA 94551 office 925-455-5802, fax 925-455-5813 November 2, 2021 Tach: 2468.1 SMOH: 351.5 N10420 Inspected this Engine IAW an annual inspection as per FAR 43 Appendix "D". Compression 1) 72/80, 2) 74/80, 3) 68/80, 4) 75/80. Cleaned, gapped, and rotated all spark plugs. Retimed magneto and replaced gasket. Change oil with 7 qts 20w-50XC, Camguard, and C-100 filter canister. Test Run and Leak Checked no defects found all temps and pressures normal. I certify that this engine has been inspected IAW an annual inspection and determined to be in an airworthy condition.</p> <p>Chris Hamilton 2799543 APIA </p>				
 <p>Tri-Valley Aviation Aircraft Services & Repair</p> <p>333 W. Jack London Blvd #144 Livermore, CA 94551 office 925-455-5802, fax 925-455-5813 February 2, 2023 Tach: 2473.7 SMOH: 357.1 N10420 Inspected this Engine IAW an annual inspection as per FAR 43 Appendix "D". Compression 1) 74/80, 2) 72/80, 3) 67/80, 4) 72/80. Cleaned, gapped, and rotated all spark plugs. Replaced induction filter BA-5705. Change oil with 7 qts 20w-50XC, and Camguard. Test Run and Leak Checked no defects found all temps and pressures normal. I certify that this engine has been inspected IAW an annual inspection and determined to be in an airworthy condition.</p> <p>Chris Hamilton 2799543 APIA </p>				
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