



AIRFRAME MAINTENANCE RECORDS

Log No. _____

Aircraft Registration No. N10420

Aircraft Mfg. Cessna Model 177B Serial No. 02324

Engine Mfg. Lycoming Model O-360-A1F6D Serial No. L-20455-36A

Engine Mfg. _____ Model _____ Serial No. _____

Propeller Mfg. McCawley Model B2D34C211 Serial No. 751661

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)



AEROTECH PUBLICATIONS INC.

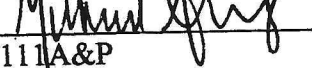
www.adlog.com
PO BOX 1359 / SOUTHOLD, NY 11971-0965
(631) 765-9375
1-800-235-6444

Installed missing fuel lines in cockpit. Checked torque on wing attach hardware. Installed new fuel line @ pilots rear doorpost. Installed missing cockpit scat tubing. Installed missing cabin/air & defrost control cables & rigged. Installed missing stall warning horn. Replaced vacuum regulator & central filter. Installed new throttle, mixture, prop & carb heat cable & rigged. Replaced left strobe light & switch. Replaced beacon flasher unit. Installed missing static wick on rudder. Replaced fuel strainer assy. Replaced landing light. Re-packed all wheel bearings. Replaced LH MLG tube. Replaced RH brake pads. Replaced left & right brake caliper hoses. Bleed all brakes & serviced with MIL-5606 fluid. Installed missing left & right MLG brake & wheel fairings. Installed missing left & right strut & fuselage fairings. Serviced NLG with MIL-5606 fluid & air. Re-sealed shimmy dampener & serviced with MIL5606 fluid. Installed missing elevator trim rod. Rigged elevator & trim control system. Replaced all flap rollers on left & right flap. Replaced flap limit switches. Installed missing flap follower cable. Rigged flap control system. Rigged aileron control system. Rigged rudder & trim control system. Installed missing tail cone. Replaced pilots O/B seat rail. Installed missing prop, bulkhead & spinner. Installed new acft battery P/N RG-35AXC S/N 460190. Removed left & right fuel gages & transmitters and had O'hauled by Instrument Rebuild. Re-installed. Installed missing compass/OAT mount & gage assy. Installed new Brackett air filter assy P/N BA-5710 per STC # SA71GL. See details on 337. Re-installed Precise Flight Standby Vacuum System IAW STC's #SE1779NM & SA2162NM. Updated Precise flight SVS III to SVS V with installation of new shuttle valve s/n 20191 IAW Precise Flight installation report 08072 Rev A 2/21/01. Replaced STC #SA3286SO cowl mounts with SK 2003-14. Installed CHT/EGT Smart Engine Analyzer per STC # SA4302NM. See details on 337. Installed JPI FS-450 fuel flow indicating system per STC # SA00861SE. See details on 337. Completed FAR 91.207 ELT insp & test. No defects.

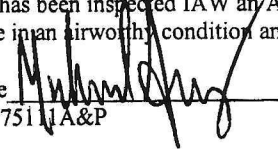
Completed the following A/D's:

1. A/D 72-06-03 R2 Carb throttle linkage. N/A per installation
2. A/D 81-15-03 Brackett Air Filter. N/A. installed new Brackett Air Filter Assy.
3. A/D 86-19-11 Contaminated fuel. Previously c/w & installed POH supplement.
4. A/D 86-24-07 Engine controls hardware. Installed correct hardware per A/D.
5. A/D 87-20-03 R2 Seat Tracks. Completed by measurement and visual. Next due @ 2216.3 Tach
6. A/D 96-09-06 Brackett Air Filter. N/A Does not apply to 5710 filter assy's
7. A/D 96-09-10 Oil pump impellers. Previously c/w by firewall forward @ engine O'haul per A/D 81-18-04R2 & Lycoming S/B#524
8. A/D 97-01-13 Fuel, oil & hydraulic hoses. N/A. Type hoses not installed
9. A/D 99-24-10 Precise Flight Standby Vacuum System. Updated Precise flight SVS III to SVS V with installation of new shuttle valve s/n 20191 IAW Precise Flight installation report 08072 Rev A 2/21/01. Needs Flight test & supplement in POH installed.
10. A/D 99-27-02 Fuel selector cams. Installed new cams P/N 0513123.
11. A/D 2000-06-01 Foreign Material in fuel system. New strainer assy installed. Measured standpipe.

No defects.

Authorized Signature 
 Certificate#IA54717511A&P

N10420 Date: 6/2/03 Tach Time: 2116.3 Total Time: 2116.3
 I certify this aircraft 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 
 Certificate # IA54717511A&P

SUB-TOTAL this page

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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			
Aircraft Weight & Balance Date <u>5-30-03</u> △ C.G. Aircraft weighed this date for new weight and balance. Empty Wt. <u>1695.0 lbs.</u> C.G. <u>104.77 in.</u> Moment <u>177592.4 in. lb.</u> Useful load <u>805.0 lbs.</u> W. <u>W. P. D. J.</u> AIP <u>545506798</u>			
9/1/03	2134.3	2134.3	Replaced landing lamp. H/L # 2588974
1/24/04	2163.7	2163.7	Serviced Shimmy Damper per Service Manual. H/L # 2588974

AHART AVIATION 186 Airway Blvd Livermore, Ca 94550 (925) 606-7640
 N10420 Date: 7/5/04 Tach Time: 2191.5 Total Time: 2191.5 W/O A0706
 This aircraft has been inspected IAW a 100hr inspection per FAR 43 appendix "D".
 Completed A/D 87-20-03R2 seat tracks by visual & measurements. No defects.
 Completed A/D 976-07-12 R1 Bendix ignition switch. No defects. Completed A/D
 99-24-10 STBY Vac System. N/A per new shuttle valve installed and placards.
 Completed FAR 91.207 ELT insp. & test. No defects. Replaced ELT batteries. Next
 due July 2006.
 I certify this aircraft 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 #548552163A&P

AHART AVIATION 186 Airway Blvd Livermore, Ca 94550 (925) 606-7640
 N10420 Date: 7/5/04 Tach Time: 2191.5 Total Time: 2191.5
 I certify this aircraft 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 # IA54717511 A&P

10/2/04	2203.3	2203.3	Prop balanced - see Propeller log for S34-off H/L # 2588974
10/24/04	2206.4	2206.4	Replaced Nose tire (5.00x5.6) & tube; serviced nose LG bearing; serviced shimmy damper
4/3/05	2226.3	2226.3	Serviced shimmy damper H/L # 2588974

Ahart Aviation Services Inc.
 186 Airway Blvd. Livermore, CA 94550
 925-606-7640 shop 925-449-2142 office
 N10420 Date: 4/6/05 Tach: 2226.3 W/O# A0408
 Repaired lower LH cowl bracket. Removed all spark
 plugs, cleaned gapped & re-installed.
 Authorized Signature [Signature]
 Certificate #3041123A&P

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8-4-05	2245.6	2245.6	Tested ELT per FAR 91.207 PARA "D" Complied with
			AD 87-20-03R2 SEAT TRACK INSPECTION & 76-07-12
			IGNITION SWITCH OPERATION. AD 2004-14-01c Shocks
			HARDWARES N/A NOT INSTALLED
			Date <u>8-4-05</u> Tach Time <u>2245.6</u>
			I certify that I have inspected this <u>AIRCRAFT</u>
			in accordance with a <u>ANNUAL</u> inspection
			and found it to be in an airworthy condition.
			Total Time <u>2245.6</u> T.S.O. _____
			<u>Ralph Huey</u> Ralph Huey A & P 549540228 I.A.
2-18-06	2261.2		Replaced landing lamp. H/L Ser 2588974

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 Total Time: 2289.2 W/O A0901
 This aircraft has been inspected IAW a 100hr inspection per FAR 43 appendix "D".
 Completed A/D 87-20-03R2 seat tracks by visual & measurements. No defects. Completed A/D 76-07-12 R1 Bendix ignition switch. No defects. Completed A/D 99-24-10 STBY Vac System. Completed FAR 91.207 ELT insp. & test. No defects. Next due July 2008. Replaced induction air filter BA-5705. Installed Electronics International engine analyzer P/N UBG-16 S/N 75573. See 337 this date. Replaced nose wheel with new Cleveland P/N 40-77. Replaced L & R MLG brake pads P/N 66-105. Replaced pitot heat switch. Replaced taxi light P/N Q4509.
 I certify this aircraft 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 Justin Huey
 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 Total Time: 2289.2
 I certify this aircraft 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 Mohamed Elg...
 Certificate # IA3034133A&P

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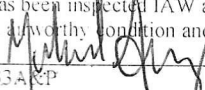
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9-1-07	2331.1	2331.1	tested ELY PER FAR 91.207 PARA "D"
			CIV AD 87-20-03R, sent TRACK INSPECTION, CIV
			AD 76-07-12 IGNITION SWITCH OPERATION.
			Date <u>9-1-07</u> Tach Time <u>2331.1</u>
			I certify that I have inspected this <u>AIRCRAFT</u>
			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>Ralph Huy</u> Ralph Huy A & P 549540228 I.A.
8/9/08	2360.0	2360.0	Replaced batteries in ELY with Duracell "D" batteries
			dated March 2015. H/R Coy 2588974
			replaced landing light Q4509
			replaced plastic in baggage area with Plane Plastics equivalents.
11-8-08	2366.3	2366.3	Tested ELY PER FAR 91.207 PARA "D" Replaced Both
			MAIN GEAR tires + tubes, installed ROSAR SUN VISORS
			(see 3371 Dated Oct 27 2008) AD 2008-10-02 up Date
			AD 87-20-03R, sent TRACK INSPECTION complied with by
			inspection, AD 76-07-12 IGNITION SWITCH complied with by
			operation.
			Date <u>11-8-08</u> Tach Time <u>2366.3</u>
			I certify that I have inspected this <u>AIRCRAFT</u>
			in accordance with an <u>ANNUAL</u> inspection
			and found it to be in an airworthy condition.
			Total Time <u>2366.3</u> T.S.O. _____
			<u>Ralph Huy</u> Ralph Huy A & P 549540228 I.A.


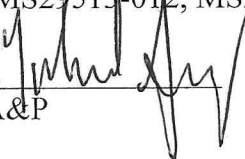
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2/21/09		2370	Replaced battery with new Concorde RG-35 AXC HFA Corp 2588974

Ahart Aviation Services Inc. 186 Airway Blvd. Livermore, CA
 94550 925-606-7640 shop 925-449-2142 office
 N10420 Date: 4/6/09 Tach Time: 2373.4 W/O A0412
 Removed original voltage regulator & overvoltage sensor. Installed new Zeftronics regulator P/N R15100 S/N X04067. See 337 this date.
 Authorized Signature 
 Certificate # 3041123A&P

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 Total Time: 2409.4 W/O A1204
 This aircraft has been inspected IAW an Annual inspection per FAR 43 appendix "D". Completed A/D 87-20-03R2 seat tracks by visual & measurements. No defects. Completed A/D 76-07-12 R1 Bendix ignition switch. No defects. Completed A/D 99-24-10 STBY Vac System by insp. No defects. Completed FAR 91.207 ELT insp & test. No defects. Replaced LL/Taxi switch P/N TA201TW-B. Replaced aux. fuel pump, beacon & strobe switches P/N TTGC-TA201TW-B. I certify this aircraft 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 
 Certificate #IA3034133A&P

			<p>Ahart Aviation Services Inc. 186 Airway Blvd. Livermore, CA 94550 925-606-7640 shop 925-449-2142 office N10420 Date: 2/2/10 Tach Time: 2411.2 W/O A0202 Removed 60 Amp alternator circuit breaker & installed new 55 Amp circuit breaker by installing SK150-46D kit. Authorized Signature  Certificate #3247468A&P</p>
			<p>Ahart Aviation Services Inc. 186 Airway Blvd. Livermore, CA 94550 925-606-7640 shop 925-449-2142 office N10420 Date: 6/25/10 Tach Time: 2424.2 W/O A641 Removed fuel selector valve, replaced O-rings & gasket P/N's M83248/1-010, MS29513-012, MS29513-116 & 0513125 Authorized Signature  Certificate # 3034133A&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 AFIT: 34426.5 2426.5 N10520

Inspected this **Airframe** IAW an annual inspection as per FAR 43 App. "D". Replaced ELT system with p/m E-04 ELT, IAW installation instructions p/n E04M rev 1.9. **ELT battery expires 6/2023.** CW Far 91.207 (D) function check of ELT ok. Replaced vacuum system filters D9-14-5 and B3-5-1. Replaced main battery p/n RG35AXC. Reseal shimmy damper and service with 5606. Replaced alternator noise filter p/n LS03-01004. **AD 2011-10-09** Seat rail and locking mechanism inspection. no defects found, next due 2526.5 or annually. **AD 76-07-12** Bendix ignition switch ops check no defects found. **I certify this Aircraft has been inspected IAW an Annual inspection and was determined to be in an airworthy condition.**

Chris Hamilton 2799543 APIA 

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Airtronics TH3R867L	12380 Airport Road LOG ID#	Hanger 6 Martell, CA 95642-9521 DATE: 03/07/2019	Pg 1 OF
S/N CESSNA, 177B		REG# N10420	

DEFICIENCY

ABS-B COMPLIANT TRANSPONDER IAW AD, REPLACE XPNDR WITH APPAREO ESG CERTIFIED

CORRECTIVE ACTION

REMOVED GTX327 S/N 83700708 IAW AIRWORTHINESS DIRECTIVE.

INSTALLED APPAREO ESG CERTIFIED ADSB TRANSPONDER P/N: 153510-000017, S/N: 077675, STRATUS 3i KIT, P/N: 153510-000115, S/N: 31001396, STRATUS USB P/N: 153018-000029, S/N: 063707, AV-801 S/N: 190272 AND GPS ANTENNA P/N: AV-74 IAW APPROVED INSTALLATION MANUAL. ALL TEST AS REQUIRED BY 91.227, 91.413 HAVE BEEN CARRIED OUT SATISFACTORY.

RTS:

THE ABOVE AIRCRAFT REPAIR AND TEST LISTED ABOVE WERE CARRIED OUT IAW WITH FEDERAL AVIATION REGULATIONS, AND FOUND TO BE AIRWORTHY.

- | | |
|--|--|
| <input checked="" type="checkbox"/> IF CHECKED, W&B CHANGE | <input type="checkbox"/> MINOR ALTERATION |
| <input type="checkbox"/> INSPECTION OR REPAIR | <input checked="" type="checkbox"/> MAJOR ALTERATION FAA 337 FILED |

[Signature] 3/8/19
 signed Date
JASON KUBIAK, CRS#TH3R867L


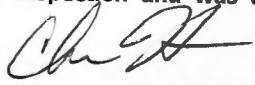
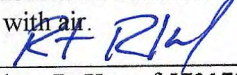

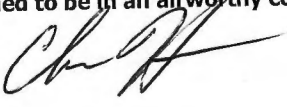


Date: 1 MAY 2019 Part Number: \$1903-1
 Time in Service _____ hrs

This "Fuel Shutoff Valve" was disassembled, cleaned, inspected, repaired and pressure leak tested. Appropriate Cessna service manual instructions and McFarlane Aviation Products Fuel Selector Valve Repair Procedures were used as a guideline. Replaced seals and other components as listed on Job Order # 56678. Fluorocarbon O-rings per McFarlane FAA-PMA, Cessna parts and industry standard hardware were used.

[Signature]
John A Pritchard Certificate # A&P356C018

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 <p>333 W. Jack London Blvd #144 Livermore, CA 94551 office 925-455-5802, fax 925-455-5813 August 16, 2019 Tach: 2444.3 AFTT: 2444.3 N10520</p> <p>Inspected this Airframe IAW an annual inspection as per FAR 43 App. "D". CW Far 91.207 (D) function check of ELT ok. Installed JP instrument STC SA01435SE installation of a EDM-900 Primary Engine monitor IAW Report 908. Installed CIES, Inc STC SA02511SE installation of Fuel quantity sending unit p/n CC284022 0601 IAW installation instruction document number CC-TR-2840-031 .Removed the Stand-By vacuum system. Rebuilt carb heat box with McFarlane Kit P/N CCH-kt-17. Replaced spinner bulkhead rivets. Replaced fuel valve p/n S1903-1 from McFarlane. Rig rudder and steering system and replaced missing bushing in rudder trim block p/n S1004-53A. Rig elevator system. Reseal compass P/N C21KF. AD 2011-10-09 Seat rail and locking mechanism inspection. no defects found, next due 2544.9 or annually. AD 76-07-12 Bendix ignition switch ops check no defects found, next due 2544.9. I certify this Aircraft has been inspected IAW an Annual inspection and was determined to be in an airworthy condition.</p> <p>Chris Hamilton 2799543 APIA </p>			
<p>Quality Aero Maintenance 23987 N. Highway 99/P.O. Box 208 Acampo, CA 95220 PH (209) 366-1040 AIRFRAME N10420 Date: 1/30/20 Tach reading: 2448.0 TTAF: 2448.0 Replace bearings 6L6F, 8L8F and bushing NAS75-4-029 in nose strut. Balance nose wheel assembly. Clean and repack nose gear wheel bearings. Service nose tire with air.</p> <p> Robert R. Kempf 573173800AP</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 AFTT: 2456.6 N10520</p> <p>Inspected this Airframe IAW an annual inspection as per FAR 43 App. "D". CW Far 91.207 (D) function check of ELT ok. AD 2011-10-09 Seat rail and locking mechanism inspection. no defects found, next due 2556.6 or annually. AD 76-07-12 Bendix ignition switch ops check no defects found, next due 2556.6. I certify this Aircraft has been inspected IAW an Annual inspection and was determined to be in an airworthy condition.</p> <p>Chris Hamilton 2799543 APIA </p>			
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