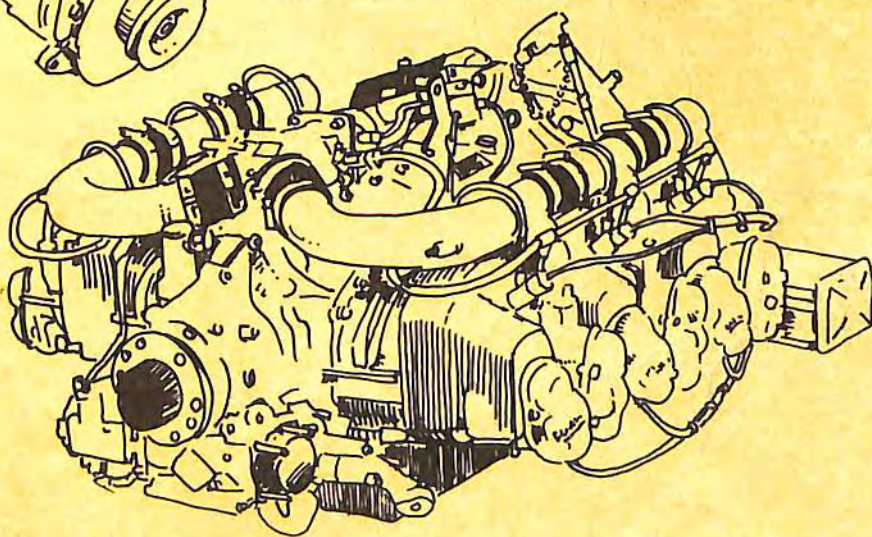
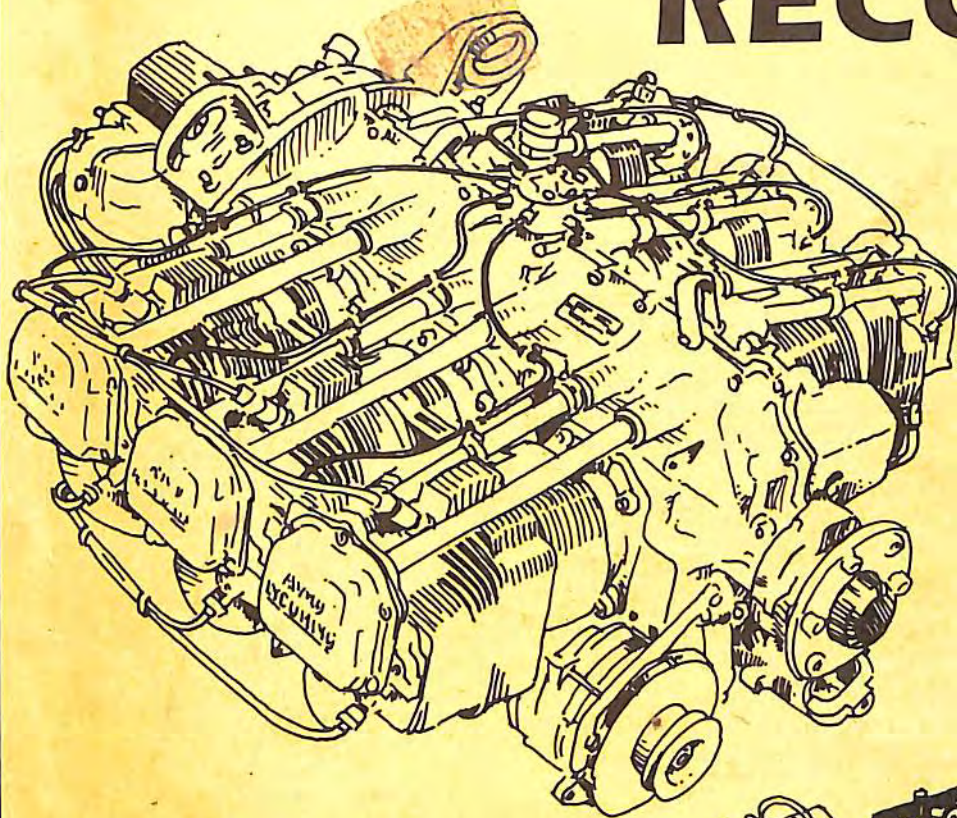


NH784J



ENGINE MAINTENANCE RECORDS



1-800 624-6680

(In NY 516-298-8330)

MATTITUCK AVIATION CORPORATION
410 AIRWAY DRIVE, MATTITUCK, NY 11952

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
8/10/2023	4469.3	1322.3	1554.7	Performed Annual inspection IAW ACP 13 app D. Compressions all 76 or better (cold). Timing on mags set to 25° TDC Left & Right. Filter and screens clean with no contaminants noted. Removal & Reinstalled carburetor P/N: 10-3678-32 S/N: A-10-9328 after repair at DAG Supply WOT 44705 imp head # 64536. Leak & Gps check satisfactory. I certify that this Engine & its accessories was inspected IAW an Annual inspection and was found to be in an airworthy condition. <i>[Signature]</i> 3257116 A/P/A 8/10/2023
1-7-24			15746	Change oil FLT- CH 48110-1 7QTS Phillips XC 20-50 <i>[Signature]</i> 3711224
Airlake Aero Inc Oil change completed on date <u>7/15/24</u> Aeroshell 48110-1. New filter installed. Tach <u>1620.3</u> Signed: <i>[Signature]</i>				
Auburn Valley Aviation LLC, Lakeville MN 2024-07-18 N4784J BE-23-19 S/N MB-220 Tach 1620.55 Remove starter, cleaned and lubricated starter drive. Reinstalled starter. Replaced left magneto s/n 19081483 p/n Slick 4373. Replaced exhaust bracket support. Tested Operation Op's Normal Michael Noland 1034669 A/P <i>[Signature]</i>				
Airlake Aero Inc Oil change completed on date <u>8/22/24</u> Aeroshell 48110-1. New filter installed. Tach <u>1669.49</u> Signed: <i>[Signature]</i>				
				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
				MODEL; LYC 0-320 E2C SERIAL L-18270-27A TOTAL SMOH 1449.9
				DATE SEPT-15-2024 TACH 1676.9 ENGTT: 4591.5
				100 HR INSPECTION C/W THIS DATE, CHECKED COMPRESSION, CYL 1,72/80 2,7480 3,74/80 4,76/80, CHECKED TIMING, CHECKED EXHAUST SYSTEM, CLEANED PLUGS. CHANGED OIL AND FILTER, 7QTS AERO SHELL 80 PLUS, AND FILTER TEMPEST 48110-2. RAN ENGINE CHECKED FOR PROPER OPERATION AND LEAKS, NO DISCP FOUND.
				I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IAW A ANNUAL INSPECTION AND FOUND TO BE IN AIRWORTHY CONDITION AT THIS TIME. <i>[Signature]</i> CHUCK RAUTIOLA A&P 470542632 1A
1/9/2025				Oil change completed 1/9/2025. AeroShell 80wPlus (8qts) and filter tempest 48110-2. Suction screen clean. Filter media & lever. - <i>[Signature]</i> 4170746
				SUB-TOTALS this page
				TOTALS—Carry forward to next page

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TOTALS brought forward from previous page				
ENGINE: Drained oil; filter or screen checked; compression tested; fuel filters & screens checked. Added 7 20-50 X/C qt. oil. Cleaned & tested sparkplugs. Checked magneto timing to engine & functionally tested engine. Inspected propeller & dressed blades. No metal noted in filter.Compression #1 68 #2 75 #3 76 #4 73/80.Replaced left magneto point kit. Reinstalled with new base seal&retime to engine.Replaced #2 exhaust gasket & ! exhaust stud. Replaced inlet duct to cabin air inlet.Adjust idle mixture&idle speed. Date 7-21-017 total ENGINE time 4242.6 TACH 1328.6 TSOH 1096.2 I certify this ENGINE has been inspected in accordance with a 100-hour inspection per FAR43 App D and was determined to be airworthy. A&P # 393588930 IA T.C.'s Air Care Baraboo-Wisconsin Dells Municipal Airport S3440 Hwy 12, Hanger 839 Baraboo, WI 53913(608)-355-0850				
ENGINE: Drained oil; filter or screen checked; compression tested; fuel filters & screens checked. Added 7 20-50 X/C qt. oil. Cleaned & tested sparkplugs. Checked magneto timing to engine & functionally tested engine. Inspected propeller & dressed blades. Ad# 2017-16-11 N/A.Ser# of engine installed.No metal noted in filter.Retimed left Magneto to engine.Compression #1 65 #2 75 #3 76 #4 76/80. Date 5-29-018 total ENGINE time 4249.3 TACH 1334.9 TSOH 1102.9 I certify this ENGINE has been inspected in accordance with a 100-hour inspection per FAR43 App D and was determined to be airworthy. A&P # 393588930 IA T.C.'s Air Care Baraboo-Wisconsin Dells Municipal Airport S3440 Hwy 12, Hanger 839 Baraboo, WI 53913(608)-355-0850				
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TOTALS brought forward from previous page				
ENGINE: Drained oil; filter or screen checked; compression tested; fuel filters & screens checked. Added 7 20-50X/C qt. oil. Cleaned & tested sparkplugs. Checked magneto timing to engine & functionally tested engine. Inspected propeller & dressed blades. No metal noted in filter,Compression #1 68 #2 76 #3 76 #4 72/80.Replaced #3 rocker cover gasket with TS75906 Date 6-3-019 total ENGINE time 4281.5 TACH 1367.1 TSOH 1135.1 I certify this ENGINE has been inspected in accordance with a 100-hour inspection per FAR43 App D and was determined to be airworthy. A&P # 393588930 IA T.C.'s Air Care Baraboo-Wisconsin Dells Municipal Airport S3440 Hwy 12, Hanger 839 Baraboo, WI 53913(608)-355-0850				
ENGINE: Drained oil; filter or screen checked; compression tested; fuel filters & screens checked. Added 7 20-50 qt. oil. Cleaned & tested sparkplugs. Checked magneto timing to engine & functionally tested engine. Inspected propeller & dressed blades. No metal present in filter.Compression #1 72 #2 76 #3 78 #4 74/80.Replaced #1 cylinder wirh overhauled cylinder Pt# SL36001 overhauled by Harrison engine serviceWO#14286.Installed per Lycoming manual with new SL5401SC ring set& associated seals & Gaskets.Perform runin procedure per Harrison instructions. Date 6-22-020 total ENGINE time 4910.0 TACH 1395.6 TSOH 1163.6 I certify this ENGINE has been inspected in accordance with a 100-hour inspection per FAR43 App D and was determined to be airworthy. A&P # 393588930 IA T.C.'s Air Care Baraboo-Wisconsin Dells Municipal Airport S3440 Hwy 12, Hanger 839 Baraboo, WI 53913(608)-355-0850				
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TOTALS brought forward from previous page				
Date 02/24/12 indicates 1288 hrs on Tach				A.D. conformity checked through card No. 2012-20 Service letters checked to: Inspection check list & pertinent details of repair on file at this agency under work order No. 15125
I certify this powerplant, airframe has been inspected according to a 100 hour annual inspection and was determined to be in airworthy condition. Total Time 4199.43 T.T.S.E.M.O.H. 1061.7				
Oil Change and filter cut filter open to check for metal O.K. Added 7qts. 20w50 XC and aveblend. clean and gaped Spark plugs Checked Magneto to engine turning ok. Dressed Prop washed engine compartment Ran to check for leaks O.K. Compression test. 1. 71/80 2. 78/80 3. 78/80 4. 78/80 AD 12-03-07 N/A By P/N & Type carburetor.				
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. Signed Eugene A. Kueny for Kenosha Aero, Inc., Certificate No. KABR 076A				
Date 07/01/14 indicates 1288.7 hrs on Tach				A.D. conformity checked through card No. 2014-12 Service letters checked for compliance through Inspection check list & pertinent details of repair on file at this agency under work order No. 15370
I certify this powerplant, airframe has been inspected according to a 100 hour annual inspection and was determined to be in airworthy condition. Total Time 4203.1 T.T.S.E.M.O.H. 1056.7				
Compression test: 1. 74/80 2. 75/80 3. 75/80 4. 74/80 Oil and filter change cut open filter to check for metal O.K. Installed 8 qts 20W50 XC phillips oil and a CH 48/110-1 filter one bottle of Aveblend added replaced engine driven fuel pump P/N LW 15472 SNO 5 YE 08 Tempest overhaul see tag. Tightened nut #1 cyl. exhaust nut, #4 cyl. rocker cover screws Replaced #2 rocker cover screws. Clean and gaped spark plugs washed engine compartment ran to check for leaks O.K.				
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. Signed Eugene A. Kueny for Kenosha Aero, Inc., Certificate No. KABR 076A				
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TOTALS brought forward from previous page				
Date 05/13/15 indicates 1293.1 hrs on Tach				A.D. conformity checked through card No. 2015-09 Service letters checked for compliance through Inspection check list & pertinent details of repair on file at this agency under work order No. 15492
I certify this powerplant, airframe has been inspected according to a 100 hour annual inspection and was determined to be in airworthy condition. Total Time 4208.1 T.T.S.E.M.O.H. 1061.7				
Compression test: 1. 71/80 2. 70/80 3. 73/80 4. 73/80 Oil and filter change, cut open filter to check for metal O.K. Installed 8 qts phillips 20w50 XC oil one can Aveblend and champion CH 48/110-1 filter tighten #1 cylinder exhaust nut clean and gaped spark plugs washed engine compartment ran to check for leaks O.K. AD 15-02-07 propeller governor idler shaft set screw N/A No governor installed				
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. Signed Eugene A. Kueny for Kenosha Aero, Inc., Certificate No. KABR 076A				
Date 06/07/16 indicates 1300 hrs on Tach				A.D. conformity checked through card No. 2016-11 Service letters checked for compliance through Inspection check list & pertinent details of repair on file at this agency under work order No. 14401
I certify this powerplant, airframe has been inspected according to a 100 hour annual inspection and was determined to be in airworthy condition. Total Time 4215.0 T.T.S.E.M.O.H. 1062.6				
Compression test: 1. 68/80 2. 75/80 3. 75/80 4. 76/80 Oil and filter change, cut open filter to check for metal O.K. Installed 8 qts phillips 20w50 oil one can aveblend and champion CH 48/110-1 filter. Clean and gap spark plugs washed engine compartment ran to check for leaks O.K.				
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. Signed Eugene A. Kueny for Kenosha Aero, Inc., Certificate No. KABR 076A				
Kenosha Aero, Inc., 9420 - 52nd Street Kenosha, WI 53144 262-658-2520 AIRCRAFT: N 47843 TACH: 1300.6 DATE: 06/07/16 This propeller has been inspected IAW a 100 Hour Inspection and was determined to be in airworthy condition and found approved for return to service. W/O # 14401 T.T.P. 4215.0 T.T.S.E.M.O.H. 1068.6 Signed Eugene A. Kueny for Kenosha Aero, Inc., Certificate No. KABR 076A				

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TOTALS brought forward from previous page				
Date <u>7-3-08</u> Indicates <u>1230</u> hrs on <u>Tach</u>				A.D. conformity checked through card No. <u>08-13</u> Service letters checked for compliance through <u> </u>
I certify this powerplant, ~~airframe~~ has been inspected according to a ~~100~~ hour annual inspection and was determined to be in airworthy condition. Total Time <u>4144.56</u>				Inspection check list & pertinent details of repair on file at this agency under work order No. <u>141270</u>
Oil change and filter, cut filter open to check for metal OK. Added 8 qt 20W50XC and Av Blend. Adjusted Idle RPM and mixture. Tighten rocker cover screws and replaced one screw. Cleaned and gaped spark plugs. / 73 9 72 3 70 4 72 Compression test / 80 2, 80 3, 80 4, 80 Washed engine, test run and check for leaks.				
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. Signed <u>Jack J. Miller</u> for Kenosha Aero, Inc., Certificate No. KABR 076A				
Date <u>8-2-09</u> Indicates <u>1251.14</u> hrs on <u>Tach</u>				A.D. conformity checked through card No. <u>09-16</u> Service letters checked for compliance through <u> </u>
I certify this powerplant, ~~airframe~~ has been inspected according to a ~~100~~ hour annual inspection and was determined to be in airworthy condition. Total Time <u>4165.57</u>				Inspection check list & pertinent details of repair on file at this agency under work order No. <u>14332</u>
Oil change and filter, cut filter open to check for metal OK. Added 7 qt 20W50XC and Av Blend. Cleaned and gaped spark plugs. Adjusted idle RPM. / 72 9 74 3 75 4 70 Compression test / 80 2, 80 3, 80 4, 80				
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. Signed <u>Jack J. Miller</u> for Kenosha Aero, Inc., Certificate No. KABR 076A				
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TOTALS brought forward from previous page				
Date <u>9-1-10</u> Indicates <u>1264.19</u> hrs on <u>Tach</u>				A.D. conformity checked through card No. <u>10-18</u> Service letters checked for compliance through <u> </u>
I certify this powerplant, ~~airframe~~ has been inspected according to a ~~100~~ hour annual inspection and was determined to be in airworthy condition. Total Time <u>4176.62</u>				Inspection check list & pertinent details of repair on file at this agency under work order No. <u>14713</u>
Oil change and filter, cut filter open to check for metal OK. Added 7 qt. 20W50XC and Av Blend. Cleaned and gaped spark plugs, replaced #2 top ignition lead nut. Retimed 4/4 mag to engine spec. Dressed propeller washer. engine ran to check for leaks OK. Compression check #1. 66/80 #2. 71/80 #3. 70/80 #4. 73/80 A/D 9-26-12 N/A No EECyl. Installed				
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. Signed <u>Jack J. Miller</u> for Kenosha Aero, Inc., Certificate No. KABR 076A				
Date <u>9-21-11</u> Indicates <u>1279.1</u> hrs on <u>Tach</u>				A.D. conformity checked through card No. <u>11-17</u> Service letters checked for compliance through <u> </u>
I certify this powerplant, ~~airframe~~ has been inspected according to a ~~100~~ hour annual inspection and was determined to be in airworthy condition. Total Time <u>4193.53</u>				Inspection check list & pertinent details of repair on file at this agency under work order No. <u>14928</u>
Oil change and filter, cut filter open check for metal OK. Added 7 qt 20W50XC and Av Blend. / 75 9 78 3 79 4 75 Compression test / 80 2, 80 3, 80 4, 80 adjusted alternator belt to spec. Tighten LH front baffle bolt. Replaced air filter element.				
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. Signed <u>Jack J. Miller</u> for Kenosha Aero, Inc., Certificate No. KABR 076A				
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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
2006				TOTALS brought forward from previous page
Date 3-1-06 Indicates 1126 hrs on Tach				A. D. conformity checked through card No. 06-411 Service letters checked for compliance through <u> </u>
I certify this powerplant, ~~airframe~~ has been inspected according to a ~~100~~ ¹⁰⁰ annual inspection and was determined to be in airworthy condition. Total Time 4041.16				Inspection check list & pertinent details of repair on file at this agency under work order No. 13746
TESMOH 894.6	TIP 4041.16			TTPS MOH 894.6
Oil change and filter, cut filter open to check for metal OK, added 7qt 20W50XC and Avblend. Cleaned and gaped spark plugs, Compression test 1, ⁷⁵ / ₈₀ 2, ⁷⁹ / ₈₀ 3, ⁷⁹ / ₈₀ 4, ⁷⁴ / ₈₀				
Exhaust system OK by Davolby 7089422 Replaced two clamps on exhaust pipes. Replaced all fuel and oil hoses in engine compartment. Repositioned throttle cable rod end to lower hole in arm and adjusted. Replaced missing screw in RH cyl baffle and installed support on LH aft baffle.				
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. Signed <u>Jack J. Ritter</u> for Kenosha Aero, Inc., Certificate No. KABR 076A				
3-12-07				1177.18 Oil change and filter, cut filter open to check for metal OK Added 20W50XC oil 7qt and Avblend.
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. Signed <u>Jack J. Ritter</u> for Kenosha Aero, Inc., Certificate No. KABR 076A				
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2007				TOTALS brought forward from previous page
Date 5-7-07 Indicates 1301.8 hrs on Tach				A. D. conformity checked through card No. 07-911 Service letters checked for compliance through <u> </u>
I certify this powerplant, ~~airframe~~ has been inspected according to a ~~100~~ ¹⁰⁰ annual inspection and was determined to be in airworthy condition. Total Time 4116.36				Inspection check list & pertinent details of repair on file at this agency under work order No. 13998
TESMOH 969.8				
Compression test 1, ⁷⁴ / ₈₀ 2, ⁷³ / ₈₀ 3, ⁷⁷ / ₈₀ 4, ⁷² / ₈₀				
Replaced missing screws in carb heat muff. Dress and paint prop. 705800HR Mag inspection and installed with new gaskets. Cleaned and gaped spark plugs. Wash engine, test run and check for leaks.				
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. Signed <u>Jack J. Ritter</u> for Kenosha Aero, Inc., Certificate No. KABR 076A				
7-17-07				1213.74 Oil change and filter, cut filter open to check for metal OK Added 6qt and Avblend. Washed engine, test run and check for leaks.
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. Signed <u>Jack J. Ritter</u> for Kenosha Aero, Inc., Certificate No. KABR 076A				
7-18-07				1213.9 Compression test 1, ⁷⁵ / ₈₀ 2, ⁷⁵ / ₈₀ 3, ⁷⁵ / ₈₀ 4, ⁷⁴ / ₈₀
Checked mag timing to engine. Cleaned and gaped spark plugs. Checked engine control travel.				
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. Signed <u>Jack J. Ritter</u> for Kenosha Aero, Inc., Certificate No. KABR 076A				
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TOTALS brought forward from previous page				
9-5-03		989.58		Oil change and filter, cut filter open to check for metal OK. Added 7qt 20W50XC and Aveblend. Washed engine, test run and check for leaks.
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. Signed <u>Jack J. Ritter</u> for Kenosha Aero, Inc., Certificate No. KABR 076A				
Date <u>11-13-05</u> Indicates <u>994.2</u> hrs on <u>Tach</u> I certify this powerplant, ~~airframe~~ has been inspected according to a ~~100~~ <u>100</u> hr annual inspection and was determined to be in airworthy condition. Total Time <u>309.2</u> A. D. conformity checked through card No. <u>03-22M</u> Service letters checked for compliance through <u>C</u> Inspection check list & pertinent details of repair on file at this agency under work order No. <u>13181</u>				
TIESMOH 762.2 TIPSOMH 762.2 Lighter #4 cyl primer line clamp Removed alternator and replaced mounting bolts. Reposition #1 intake hose clamp. Replaced alternator belt and crankshaft seal. Fresh air duct, throttle cable see 337. Lighter rocker cover screws. Patched right front baffle. Washed engine Test run and check for leaks. Cleaned and gaped spark plugs.				
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. Signed <u>Jack J. Ritter</u> for Kenosha Aero, Inc., Certificate No. KABR 076A				
5-18-04		1029.55		Oil change and filter, cut filter open to check for metal OK Added 8qt 20W50XC and Ave Blend. Cleaned and tested lower plugs. Lubed starter bending.
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. Signed <u>Jack J. Ritter</u> for Kenosha Aero, Inc., Certificate No. KABR 076A				
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TOTALS brought forward from previous page				
Date <u>1-3-06</u>		Indicates <u>1069.65</u> hrs on <u>Tach</u>		A. D. conformity checked through card No. <u>04-25M</u> Service letters checked for compliance through <u>C</u> Inspection check list & pertinent details of repair on file at this agency under work order No. <u>13478</u>
I certify this powerplant, ~~airframe~~ has been inspected according to a ~~100~~ <u>100</u> hr annual inspection and was determined to be in airworthy condition. Total Time <u>3984.65</u>				
TIESMOH 837.65 Oil change and filter, cut filter open to check for metal OK Added 8qt 20W50XC. Installed new spark plugs and engine inlet filter. Tighten #1 rocker cover screws and cleaned. Washed engine, test run and check for leaks. Compression test 1. <u>75</u>/<u>80</u> 2. <u>79</u>/<u>80</u> 3. <u>75</u>/<u>80</u> 4. <u>76</u>/<u>80</u>				
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. Signed <u>Jack J. Ritter</u> for Kenosha Aero, Inc., Certificate No. KABR 076A				
8-16-05		885.7	1117.7	Oil change and filter, cut filter open to check for metal Added 7qt 20W50XC and Aveblend. Installed used vacuum pump 1/2 215CC 9/16 IAT-7 Test run, checked for leaks and adjusted vacuum.
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. Signed <u>Jack J. Ritter</u> for Kenosha Aero, Inc., Certificate No. KABR 076A				
7-18-07		1213.9		Compression test 1. <u>75</u> / <u>80</u> 2. <u>76</u> / <u>80</u> 3. <u>75</u> / <u>80</u> 4. <u>74</u> / <u>80</u> Check timing, engine controls, elevator controls, Trim control, and cleaned spark plugs.
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. Signed <u>Jack J. Ritter</u> for Kenosha Aero, Inc., Certificate No. KABR 076A				
SUB-TOTALS this page				
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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
2001	757.1			TOTALS brought forward from previous page
				Oil change and filter, cut filter open to check for metal OK, Added 7 1/2 qt 20W50XC. Cleaned lower plugs. Light check, tires and added Arblend to oil.
				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. Signed <u>Jack J. Kutter</u> for Kenosha Aero, Inc., Certificate No. KABR 076A
8-20-01	808.9			Oil change and filter, cut filter open to check for metal OK. Added 8 qt 20W50XC and Arblend.
				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. Signed <u>Jack J. Kutter</u> for Kenosha Aero, Inc., Certificate No. KABR 076A
Date 9-20-01	Indicates 816.2 hrs on Tach			A.D. conformity checked through card No. 01-19M. Service letters checked for compliance through <u> </u> . Inspection check list & pertinent details of repair on file at this agency under work order No. <u>12584</u> .
				I certify this powerplant, ~~airframe~~ has been inspected according to a ~~100 hour~~ annual inspection and was determined to be in airworthy condition. Total Time <u>3731.2</u>
TIESMOH 584.2	TIPSMOH 585.2			Oil change and added 7 qt 20W50 N.D. Compression test (1.75, 1.80, 1.80, 1.80, 1.80) Removed #1 and 2 cyl for repair by Poplar Grove Automotive Inc. 46297 replaced exhaust clamp on left end of muffler. Replaced Paper Air filter per AD 84-26-2. Tighten hose clamps on oil return line #2 cyl.
				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. Signed <u>Jack J. Kutter</u> for Kenosha Aero, Inc., Certificate No. KABR 076A
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
5-30-02	864.6			Oil change and filter cut filter open to check for metal OK. Added 7 qt 20W50XC. Cleaned and gaped lower plugs. Washed engine, test run and check for leaks. Added Arblend to oil.
				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. Signed <u>Jack J. Kutter</u> for Kenosha Aero, Inc., Certificate No. KABR 076A
Date 10-15-02	Indicates 872.9 hrs on Tach			A.D. conformity checked through card No. 02-20M. Service letters checked for compliance through <u> </u> . Inspection check list & pertinent details of repair on file at this agency under work order No. <u>12884</u> .
				I certify this powerplant, ~~airframe~~ has been inspected according to a ~~100 hour~~ annual inspection and was determined to be in airworthy condition. Total Time <u>3807.9</u>
TIESMOH 660.9	TIPSMOH 661.9			Oil change and filter, cut filter open to check for metal OK. Added 8 qt 20W50 N.D. Removed #2 cyl for repair by Poplar Grove Automotive Inc. 46297. Installed with new seals and gaskets. 46297. Added silicon to baffle seal. Replaced one spark plug in #2 cyl. Cleaned and gaped spark plugs. Washed engine, test run and checked for leaks.
				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. Signed <u>Jack J. Kutter</u> for Kenosha Aero, Inc., Certificate No. KABR 076A
5-30-03	935.45			Oil change and filter, cut filter open to check for metal OK. test run and check for leaks. Cleaned and gaped plugs checked tires. Added 7 qt 20W50XC and Arblend.
				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. Signed <u>Jack J. Kutter</u> for Kenosha Aero, Inc., Certificate No. KABR 076A
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				
12-2-78	494.1			Oil change and filter, cut filter open to check for metal OK Added 8qt 20W50XC. Repaired exhaust pipe brace on left side. Washed engine and test run, check for leaks, 1 can AV Blend added
				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. Signed <u>Jack J. Ritter</u> for Kenosha Aero, Inc., Certificate No. KABR 076A
4/15/99	532.8			oil changed - added 8qts 20W50X/C plus 1 can AV Blend. changed oil filter. Old filter cut and inspected. No metal found. Marc Higgo AP353446091
6/29/99	584.67			oil + filter changed. Cut + inspected filter. Marc Higgo AP353446091
7/4/99	589.40			589.40 AV Blend added to oil
Date <u>8-17-99</u> Indicates <u>608.51</u> hrs on <u>Tach</u> I certify this powerplant, <u> </u> has been inspected according to a <u> </u> annual inspection and was determined to be in airworthy condition. Total Time <u>3523.51</u> TIPSMOH 376.51 TIPSMOH 377.51 A.D. conformity checked through card No. <u>99-1711</u> Service letters checked for compliance through <u> </u> Inspection check list & pertinent details of repair on file at this agency under work order No. <u>12042</u> Compression test 1. ⁷⁶ / ₈₀ 2. ⁷³ / ₈₀ 3. ⁷⁵ / ₈₀ 4. ⁷⁴ / ₈₀ Tighten clamps on oil return line hoses and lower case bolts. Removed carb and replaced main jet, reinstalled carb. Replaced engine baffles seal material. Repaired left exhaust support bracket. Oil change and filter, cut filter open to check for metal OK Added 8qt 20W50. Cleaned and gaped spark plugs. 1 can AV Blend added.				
				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. Signed <u>Jack J. Ritter</u> for Kenosha Aero, Inc., Certificate No. KABR 076A
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				
12-2-99		657.4		Oil change and filter, cut filter open to check for metal OK Added 8qt 20W50 and AV Blend. Cleaned and gaped lower plugs.
				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. Signed <u>Jack J. Ritter</u> for Kenosha Aero, Inc., Certificate No. KABR 076A
5-17-00		687.19		Oil change and filter, cut filter open to check for metal OK Added 8qt 20W50XC and additive AV BLEND
				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. Signed <u>Jack J. Ritter</u> for Kenosha Aero, Inc., Certificate No. KABR 076A
00	3639.8	492.8	724.8	
Date <u>7-1-00</u> Indicates <u>724.8</u> hrs on <u>Tach</u> I certify this powerplant, <u> </u> has been inspected according to a <u>100-hour</u> annual inspection and was determined to be in airworthy condition. Total Time <u>3639.8</u> A.D. conformity checked through card No. <u>00-1711</u> Service letters checked for compliance through <u> </u> Inspection check list & pertinent details of repair on file at this agency under work order No. <u>12319</u> Compression test 1. ⁷⁸ / ₈₀ 2. ⁷⁸ / ₈₀ 3. ⁷⁹ / ₈₀ 4. ⁷⁸ / ₈₀ Oil change and filter cut filter open to check for metal OK Added 8qt 20W50XC and AV Blend. Removed Magna, inspected, retimed to engine. Cleaned and gaped plugs. TIPSMOH 472.8, TIPSMOH 473.8 TTA 3639.8 Tighten #3 rocker cover screws. Replaced Bolt on left muffler clamp.				
				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. Signed <u>Jack J. Ritter</u> for Kenosha Aero, Inc., Certificate No. KABR 076A
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
	NOTE: VENT TACH @ 2914.8 TT	NOTE: SMOH @ 231.8 TACH	CURRENT TACH TIME	TOTALS brought forward from previous page
9-5-97	3313.98	167.38	399.18	DRAINED OIL AND SENT SAMPLE OUT FOR ANALYSIS. FILLED WITH 8 QUARTS OF AEROSHELL 15W50. REMOVED OIL FILTER AND CUT OPEN FOR INSPECTION—NO PARTICLES FOUND. INSTALLED NEW CH 48110 FILTER AND ADDED 1 CAN OF AV BLEND BEFORE RUNUP. Mike Dull
98	3339.49	193.38	425.38	
A.D. conformity checked through card No. <u>78-1217</u> Service letters checked for compliance through <u> </u>				Date <u>7-1-98</u> Indicates <u>425.38</u> hrs on <u>Tach</u>
Inspection check list & pertinent details of repair on file at this agency under work order No. <u>11726</u>				I certify this powerplant, <u> </u> has been inspected according to a <u> </u> annual inspection and was determined to be in air-worthy condition. Total Time <u>3339.49</u>
oil change and filter, cut filter open to check for metal OK added 8qt 100 Non Det oil. Replaced #1/43 cyl oil drain tubes holes. Resealed oil dip stick tube. Retimed both Mags to engine. Compression test 1 <u>20</u> 2 <u>26</u> 3 <u>24</u> 4 <u>26</u>				TTP SMOH 193.38 TTP 3340.38 TTP SMOH 194.38
Removed #1 cyl for exhaust leak, cyl repaired by Poplar Grove Airmobile, % 3900 dated 6-12-98. Reinstalled cyl with new seals and gaskets. Cleaned and gaped spark plugs				
				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. Signed <u>Jack J. Ritter</u> for Kenosha Aero, Inc., Certificate No. KABR 076A
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
7-30-98	Tach 428.58			Removed carb and sent to Aircraft Systems for repair % 28163 see yellow tag. Reinstalled carb and test run, check for leaks.
				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. Signed <u>Jack J. Ritter</u> for Kenosha Aero, Inc., Certificate No. KABR 076A
7-22-98	Tach 429.18			Installed new plugs REM 40E 8 each.
				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. Signed <u>Jack J. Ritter</u> for Kenosha Aero, Inc., Certificate No. KABR 076A
				 SPARK PLUG REM40E GAP .016"-.021"
9-3-98	Tach 454.27			Oil change and filter, cut filter open to check for metal OK added 8qt 20W50XC. Test run engine and check for leaks.
				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. Signed <u>Jack J. Ritter</u> for Kenosha Aero, Inc., Certificate No. KABR 076A
9/17/98	TACH 463.99			Added 1 can AV Blend to oil
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				
NOTE: ENTRIES FROM 9/93 AND 11/94 ARE IN OLD BOOK!				
5-1-96				
Tach	301.72			Drained oil, replaced filter, added
ACTI	3216.52			8 qts Aeroshell 15/50 oil. Cleaned and
TSO	70.41			gapped plugs. Cleaned carb inlet screen.
				Compression 180 178 279 378 478
				Checked ignition timing. Ground ran
				and checked for leaks. Replaced air
				intake filter. I certify that this engine
				was inspected IAW a 100 hr. inspection
				and was found to be in an airworthy
				condition at this time.
W.O. No. <u>m2919</u> DATE <u>5-1-96</u> Signed <u>Michael K. Scott</u> For SCOTT AVIATION, INC. GENERAL MITCHELL FIELD MILWAUKEE, WI 53207 FAA Approved Repair Station No. DBCR 122D				
	TACH	A/C TTSN	TSMOCH	
2/11/97	303.60	3218.40	72.3	CHANGED OIL FILTER - OLD FILTER DATED 4/96
				Done back A4P 358666021
4/10/97	314.41	3229.21	83.11	CLEANED/GAPPED/ROTATED/TESTED & REINSTALLED
				SPARK PLUGS. DRAINED OIL & FILLED w/ 9 QTS
				SHELL 15W50. CHANGED OIL FILTER w/ CH 48110.
				DRAINED OIL COOLER. #4 CYL. EXHAUST PIPE FOUND
				NOT CONNECTED. REPLACED ALL 4 EXHAUST GASKETS,
				ALL 8 LOCK WASHERS/WASHER/NUTS, AND TORQUED.
				TIMMING: L @ 24.5 R @ 25. 100HR INSP. CONTINUED
				ON NEXT PAGE. Done back A4P 358666021.
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				
4/10/97	3229.21	83.11	314.41	100HR INSP. CONT.: ENGINE WASHED DOWN w/
				MIN. SPIRITS. AD # 95-26-02 (PETONATION) N/A
				BY "N"-NUMBER. AD # 96-09-10C (OIL PUMP) P/C/W
				BY MATTITUCK ON 1/91. AD # 97-01-03 (PISTON
				PIN) N/A BY S/N AND NOT OVH SINCE 12/95. AD #
				91-14-22 DUE AT NEXT ENG. OVH. OR PROP.
				STRIKE. (CRANK SHAFT GEAR). POST INSPECTION RUN-
				UP YIELDED MAG. DROPS OF RH=90RPM, LH=90RPM,
				CARB. HEAT DROP OF 110 RPM. FULL STATIC RUN-UP WAS
				2250 RPM @ 27°F. I HAVE INSPECTED THIS
				ENGINE AS PER 100HR AND FOUND IT AIRWORTHY
				AT THIS TIME. Done back A4P 358666021
6/3/97	3250.17	103.57	335.37	100 HR INSP. FOR ANNUAL. OIL CHANGE DUE
				@ 364.41 (TACH). NO NEW AD NOTES. SPARK PLUGS
				DUE FOR SERVICE @ 414.41 (TACH). NEW EXHAUST
				GASKETS HOLDING TIGHT. POST INSP. RUN-UP
				YIELDED MAG. DROPS OF RH=80RPM, LH=80RPM,
				CARB. HEAT DROP OF 100 RPM, AND A FULL STATIC
				RUN-UP OF 2300 RPM @ 50°F. I HAVE INSPECTED
				THIS ENGINE AS PER 100HR AND FOUND IT AIRWORTHY
				AT THIS TIME. Done back A4P 358666021
6/16/97	3275.62	129.02	360.89	DRAINED OIL AND SENT SAMPLE OUT FOR
				ANALYSIS. FILLED w/ 8 QTS. AEROSHELL 15W50. REMOVED
				OIL FILTER AND CUT OPEN FOR INSPECTION - NO
				PARTICLES FOUND - INSTALLED NEW CH 48110 FILTER
				ADDED 1 CAN AVBLEND BEFORE RUN-UP.
				Done back A4P 358666021
SUB-TOTALS this page				
TOTALS—Carry forward to next page				

This is to certify that the engine described hereafter has been rebuilt to manufacturer's new parts limited by Mattituck Airbase Inc. Engine disassembled, cleaned, and inspected in accordance with manufacturer's instructions. All steel parts magnafluxed. All applicable Airworthiness Directives and Manufacturer's Service Bulletins are in compliance. A description of these repairs is on file at this agency under:

JOB NO. 14694 DATED 17 Dec 90
MFG. Lycoming MODEL O-320-E2C
Serial No. L-18270-27A Time in svc. 3146.11 Hrs



MATTITUCK AIRBASE INC.
F.A.A. REPAIR STATION # QX2R125L
AIRWAY DRIVE, MATTITUCK, L.I., N.Y. 11952

Michael P. Russell
Authorized Signature

The Accessories Listed Below Were Overhauled and Supplied With This Engine

ENGINE: O-320-E2C SN. L-18270-27A DATE 17 Dec 90

P/N	S/N	P/N	S/N
L. MAG <u>4273</u>	<u>90110021</u>	PROPELLER	<u>DNA</u>
R. MAG <u>4270</u>	<u>90100040</u>	PROP. GOV.	
ALT./GEN. <u>ALE 8408R</u>	<u>012082L</u>	TACH. GEN.	
INT./CARB. <u>10-3678-32</u>	<u>A-10-9328</u>	TURBO CHARGER	
FUEL PUMP <u>LW-15472</u>		WASTE GATE	
STARTER <u>MZ-4218</u>	<u>6B001619</u>	CONTROLLER	
VAC. PUMP <u>DNA</u>		CONTROLLER	
HYD. PUMP <u>DNA</u>		REL. VALVE	<u>DNA</u>

MATTITUCK AIRBASE INC.
F.A.A. Repair Sta. No. QX2R125L
W.O. No. 14694



Michael P. Russell
Authorized Signature

SUB-TOTALS this page

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New TACH - 2914.8

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
2-11-91	3146.11	0.0	232	07 FEB 91 - ALT TACH TIME 232. ENG. REINSPELLED IN BEECHCRAFT SPORT A23-19, S/N M13-220, G.O. RUN & FOUND SAT. FOR FLIGHT. Michael P. Russell AD 11420042
6-6-91	3147.3	1:19	233.19	Changed oil (Hercshell 65) added 7 qts. Hercshell 100 (mineral). <i>W. P. Russell</i> 390704884
10-15-91	1:19			Removed alternator, returned to Mattituck for repairs. (See yellow tag) Reinstalled, ground check OK. Serviced aircraft battery. <i>W. P. Russell</i> 390704884
DATE 9 Jul 92	TACH TIME 236	TOTAL TIME 3150	TSMOH 3:52	ANNUAL INSPECTION COMPLETED ON THIS DATE. COMPRESSION CK'S AS FOLLOWS; Cyl. NO. 1 80/78, #2-80/78, #3-80/76, #4-80/71, MAG TIMING CK'S, EXPL. Sys. CK'S FOR CRACKS & LEAKS, SPARK PLUGS CLEANED & GAPPED, ENG. CONTROLS CK'S FOR TRAVEL & PULSER RESPONSE, ALL NUTS, BOLTS, CLAMPS ETC. CK'S FOR TORQUE & SECURITY. ALL AD'S THEN 92-11 CK'S FOR COMPLIANCE. ENG. GRA. RUN & FOUND SAT. FOR FLIGHT.
				I certify that this <u>ENGINE</u> has been inspected in accordance with <u>ANNUAL</u> inspection and has been determined to be in airworthy condition. <i>Michael P. Russell</i> AD 11420042 Total Time: 3150 Tach Time: 236 Date: 9 Jul 92
				SUB-TOTALS this page
				TOTALS—Carry forward to next page

0320 E2C

18270

OLD.
Logs

The Standard



ENGINE LOG

DATE 1987	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
AUG.	1987	TACH	198 HRS	HOBBS 212 HRS. S.M.O.H 1526.5 PROP 3113.
				ANNUAL INSP COMPLETED THIS DATE. CHANGED OIL &
#1-79				OIL FILTER. AERUSHELL 50 AD, CHKD CYL. COMPRESSION.
#2-80				REPLACED ALL SPARK PLUGS, CHKD MAG. TIMING. CHKD
#2-79				MUFFLER & EXHAUST SYS. CLEANED AIR FILTER. DRAINED
#2-80				FUEL STRAINER. CHKD ENG ACCESSORIES & MOUNT FOR
#3-79				CONDITION & SECURITY. CHKD PROP. WASHED ENG & RAN.
#4-75				TO CHECK FOR LEAKS & OPERATION. I CERTIFY THAT THIS
#4-80				ENG. HAS BEEN INSP. IN ACCORDANCE WITH AN ANNUAL
				INSP & HAS BEEN FOUND TO BE IN AN AIRWORTHY CONDITION.
				George Takacs A/P 1268667 IA

DATE 1988	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
JAN 23				THIS IS TO CERTIFY THAT THIS ENGINE HAS BEEN GIVEN A 100 HOUR INSPECTION
				AND IS CONSIDERED TO BE AIRWORTHY.
				Date 6-23-88 TSOH: 1544.48 Total time: 3130.78
				This is to certify that the aircraft that this component
				is installed on has been given an annual inspection on
				this date.
				Ralph Hartwig A&P 1750577, IA.
				Ralph Hartwig
July 1, 1988				Tach Reads 216.85 T.T 3130.98 Removed
				Both magnetos for overhaul. See Aircraft
				Systems Maintenance Release tags dated 6-28-88.
				Reinstalled magnetos and timed using new gaskets.
				Exhaust run engine and check for leaks.
				Don Green (Don Green) For Aircraft Systems, Inc
				Rockford, IL. C.R.S. 703-17 W.O. 14000

ENGINE RECORD — GENERAL INFORMATION

MANUFACTURER BEECHCRAFT MODEL A 23-19 0320-E2C

SERIAL AMB-230 L-18270-27A TYPE CERTIFICATE _____

THIS ENGINE IS CURRENTLY INSTALLED IN AIRCRAFT LYC.

MINIMUM OCTANE FUEL 80 OIL GRADE SUMMER 15W50 WINTER 15W50

MAGNETO TIME _____ POINT SETTING _____ FIRING ORDER _____

SPARK PLUG GAP _____

MFG. RECOMMENDED OVERHAUL AT 2000 HOURS.

The Standard



ENGINE LOG

ENGINE LOG

ENGINE LOG

YEAR 82		RECORDING TACH. READING	TIME THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE
MO.	DAY					
12	15	2915			NOTE- NEW HOBBS METER & TAC. INSTALLED AT THIS AMN. TOWSP.	
					REPLACED. ENGINE MOUNTS -	
					INSTALLED. NEW IGN. LEADS - CHANGE OIL.	
					" " EXHAUST BRKT. - REPLACE ELT. BATT.	
					REPAIRED LUST LOCK - NEW NOSE TIRE INSTALLED.	
					" BEACON CIRCUIT - REPAIR PRIMER	
I Certify that this Engine has been inspected in accordance with an annual inspection and is to be deemed in Airworthy Condition.						
Wayne Schlegel						HA381586485

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ENGINE LOG

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ENGINE LOG

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ENGINE LOG

YEAR		DESCRIPTION OF INSPECTIONS, REPAIRS AND ALTERATIONS Certificated mechanics or repair facilities must endorse all inspections and repairs with name, rating & Cert. No.
MO.	DAY	
10	15	81 TACH 2898 C/W AD 73-20-07 BY INSPECTION CHANGE OIL & CLEAN SCREENS. SERVICE WITH 8 QTS AEROSHELL WASH ENGINE DOWN. COMPRESSION #1 72/80 #2 76/80 #3 76/80 #4 72/80 LUBE & CHECK ALL CONTROLS. AD 81-18-04 ENGINE DUE @ OVERHAUL I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. Wayne Schlager IA381586485

ENGINE DUE @ OVERHAUL

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

Wayne Schagen ITA381586485

ENGINE LOG

YEAR		RECORDING TACH. READING	TIME THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE
MO.	DAY					
Nov	15, 1978				TACH 2736 HR — 100 HR INSP. CHANGED OIL - CLEANED SCREEN - CLEAN & GAPPED PLUGS - CHECKED MAGS & TIMING - FLUSHED CARB. CLEANED AIR & OIL & FUEL SCREEN - CHECKED Mount EXH & ENGINE CONTROLS WASHED FUEL DIFFERENTIAL CHECK NORMAL	
					I CERTIFY THIS <u>Eng</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>100 HR</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.	
					<u>John M. Jacy</u> AIP 127623 to FOR A10100165 MC	

CARRY TOTAL TIME TO TOP OF NEXT PAGE

ENGINE LOG

YEAR		DESCRIPTION OF INSPECTIONS, REPAIRS AND ALTERATIONS Certificated mechanics or repair facilities must endorse all inspections and repairs with name, rating & Cert. No.
MO.	DAY	
		Aug 23, 1979 TACH 2815 CHANGE OIL & CLEAN SCREEN, SERVICE WITH 8015 AEROSHELL 100W. REPLACE MUFFLER.
		I CERTIFY THIS <u>Engine</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>Annual</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.
		<u>Wayne Schlegel</u> JAS 1554485

ENGINE LOG

YEAR	RECORDING TACH. READING		TIME THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE
7-7-78			2636		CHANGE OIL & CLEAN SCREEN SERVICE WITH 80TS AEROSHELL 100W. REMOVED LEFT MAG FOR INSPECTION OF IMPULSE COUPLING ACCORDING TO AD 78-09-07. NEW IMPULSE COUPLING ON ORDER. TO BE INSTALLED WITHIN 25 HRS. COMPRESSION TEST: #1 66/80 #2 75/80 #3 64/80 #4 73/80. CLEAN & GAPP PLUGS, CHECK AND LUBE CONTROLS.	
I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>ANNUAL</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. <u>Wayne Schlegel</u> A3P381586485						

CARRY TOTAL TIME TO TOP OF NEXT PAGE

ENGINE LOG

YEAR	DESCRIPTION OF INSPECTIONS, REPAIRS AND ALTERATIONS	
	Certificated mechanics or repair facilities must endorse all inspections and repairs with name, rating & Cert. No.	
8-8-78	TACH 2674 INSTALL NEW IMPULSE COUPLING ON LEFT MAGNETO IN COMPLIANCE WITH AD 78-09-07. <u>Wayne Schlegel</u> A3P381586485	
10-11-78	TACH 2690 OIL CHANGE <u>John H. Kasper</u> A3P1276336	

ENGINE LOG

YEAR		RECORDING TACH. READING	TIME THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE
MO.	DAY					
July 22, 1977					ANNUAL INSP TACH 2437	
					CHANGED OIL - CLEANED & GAPPED PLUGS	
					CHECKED VALVES & TIMING - FLUSHED OIL	
					CLEANED AIR OIL & FUEL SCREENS CHECKED	
					MOUNT EXH. SYSTEM & ENGINE CONTROLS	
					WORKED BAL DIFFERENTIAL CHECK	
					NORMAL	
					I Certify This <u>ENGINE</u> Has	
					Been Inspected In Accordance With	
					A <u>ANNUAL</u> Inspection	
					Form and Was Determined To Be	
					In an Airworthy Condition	
					Signed <u>John M. Popple</u> Cert. No. <u>1276926</u>	

CARRY TOTAL TIME TO TOP OF NEXT PAGE

ENGINE LOG

YEAR	DESCRIPTION OF INSPECTIONS, REPAIRS AND ALTERATIONS
MO. DAY	Certificated mechanics or repair facilities must endorse all inspections and repairs with name, rating & Cert. No.
OCT 4, 1977	TACH 2491 HOURS OIL CHANGE 40 W AEROSHELL John M. Deplan AIP 1276236
MAY 16, 1978	TACH 2533 100 HR INSP. - CHANGED OIL - CLEANED & GAPPED PLUGS - CHECKED MAGS & TIMING - FLOSHED CARB. - CLEANED AIR OIL & FUEL SCREENS - CHECKED MOUNT EXH. SYS. & EMB. CONTROLS DIFFERENTIAL CHECK NORMAL Wayne Schlager AIP 381536435
	I Certify This <u>ENGINE</u> Has Been Inspected In Accordance With A <u>ANNUAL</u> Inspection Form and Was Determined To Be In an Airworthy Condition Signed <u>John M. Deplan</u> Cert. No. <u>AIP 1276236</u>

ENGINE LOG

YEAR		RECORDING TACH. READING	TIME THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE
MO.	DAY					
		I certify that this <u>ENGINE</u> has been inspected in accordance with a <u>ANNUAL</u> inspection and was determined to be in an air- worthy condition. Inspector <u>Joseph Miller</u> for Aircraft Maintenance Corp. F. A. A. Approved Repair Station #3294 Date <u>9-7-76</u> Total Time <u>2332.75</u> Details on file under W. O. # <u>6333</u>				

CARRY TOTAL TIME TO TOP OF NEXT PAGE

ENGINE LOG

YEAR		DESCRIPTION OF INSPECTIONS, REPAIRS AND ALTERATIONS
MO.	DAY	
		Certificated mechanics or repair facilities must endorse all inspections and repairs with name, rating & Cert. No. ~~July 22, 1977 ANNUAL INSPECTION TACH 2433~~ ~~CHECKED ALL CRANK PINS & PISTON LEADS~~ ~~CHECKED BATT & BEE SYSTEM - CHECKED~~ ~~BRACKES & FLUIDS - CRANKED BEAR - CLEANED~~ ~~& A REPAIR UNIT REPAIRS~~
		I Certify This <u>REPAIR</u> Has Been Inspected In Accordance With A <u>ANNUAL</u> Inspection Form and Was Determined To Be In an Airworthy Condition Signed <u>[Signature]</u> Cert. No. <u>1276236</u>

ENGINE LOG

[illegible]

CARRY TOTAL TIME TO TOP OF NEXT PAGE

ENGINE LOG

YEAR		DESCRIPTION OF INSPECTIONS, REPAIRS AND ALTERATIONS Certificated mechanics or repair facilities must endorse all inspections and repairs with name, rating & Cert. No.
MO.	DAY	
9	76	CHANGED OIL 8 qts AEROSHELL 50W OIL SCREEN CLEANED & REINSTALLED, ALL EXH GASKETS REPLACED. I certify that this <u>ENGINE</u> has been inspected in accordance with a <u>100.H.R.</u> inspection and was determined to be in an air- worthy condition. <u>Harold Willett</u> for A. A. A. Maintenance Corp. A. A. A. Approved Repair Station #3294 Date <u>9-4-76</u> Total Time <u>2332.75</u> <u>795 SMOH</u> Details on file under W. O. # <u>6333</u> <u>June 14, 1977</u> <u>TA # 2384</u> <u>OIL CHANGE</u> <u>50 W</u> <u>John M. Ogden</u> <u>APR 1276236</u>

June 14, 1977 TA # 2384 OIL CHANGE
50 W John M. Ogden
APR 1276236

ENGINE LOG

[illegible]

CARRY TOTAL TIME TO TOP OF NEXT PAGE

ENGINE LOG

YEAR		DESCRIPTION OF INSPECTIONS, REPAIRS AND ALTERATIONS	
MO. DAY		Certificated mechanics or repair facilities must endorse all inspections and repairs with name, rating & Cert. No.	
		I certify that this <u>ENGINE</u> has been inspected in accordance with a <u>100HR</u> inspection and was determined to be in an air- worthy condition. Inspector <u>Wayne Schlegel AIP 381586485</u> for Aircraft Maintenance Corp. F. A. A. Approved Repair Station #3294 Date <u>9-3-75</u> Total Time <u>2282</u> <u>695 SMOH</u> Details on file under W. O. # <u>6082</u>	<u>CHANGE OIL & CLEAN</u> <u>SCREEN SERVICED 7ATS</u> <u>AERO SHELL 50W</u>
		I certify that this <u>ENGINE</u> has been inspected in accordance with a <u>ANNUAL</u> inspection and was determined to be in an air- worthy condition. Inspector <u>Calvin Welch</u> for Aircraft Maintenance Corp. F. A. A. Approved Repair Station #3294 Date <u>9-3-75</u> Total Time <u>695</u> Details on file under W. O. # <u>6082</u>	

ENGINE LOG

YEAR 74
MO. DAY

DESCRIPTION OF INSPECTIONS, REPAIRS AND ALTERATIONS

Certificated mechanics or repair facilities must endorse all inspections and repairs with name, rating & Cert. No.

I certify that this ENGINE has

been inspected in accordance with a ANNUAL inspection and was determined to be in an air-worthy condition.

Inspector C. A. M. M. M. for Aircraft Maintenance Corp.

F. A. A. Approved Repair Station #3294

Date 8-16-74 Total Time 2170

Details on file under W. O. # 5818

11 25 TACK 2210

C HAMEL GIC AREO SHELL 65W

7 Q.T.

C. A. M. M. M.

A & P 1904498

YEAR		RECORDING TACH. READING	TIME THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE
MO.	DAY					
					I certify that this <u>ENGINE</u> has been inspected in accordance with a <u>ANNUAL</u> inspection and was determined to be in an air- worthy condition. Inspector <u>Darryl A. Noble</u> for Aircraft Maintenance Corp. F. A. A. Approved Repair Station #3294 Date <u>7-14-73</u> Total Time <u>2044</u> Details on file under W. O. # <u>5384</u> <u>7 qt AERO SHELL 50 W</u>	

YEAR		DESCRIPTION OF INSPECTIONS, REPAIRS AND ALTERATIONS Certificated mechanics or repair facilities must endorse all inspections and repairs with name, rating & Cert. No.
MO.	DAY	
10-3-73		TACH TIME 10 73 OIL CHAN 7 qt AERO SHELL 50 W CHANGE RIGHT MAIN TIRE Larry A. Noller A & P 1001845
1-16-74		Tach reading 2124 hrs. Oil change. 7 qts. Aero shell 30 W. Michael G. Yates A & P 2037351.

ENGINE LOG

YEAR		RECORDING TACH. READING	TIME THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE
MO.	DAY					
					APRIL 7, 1972 Tack Time 1905 Hrs changed oil, washed Down Engs serviced with 7915 Aeroshell 50 w/ Jerry A Noble ADP 1001845	
					I certify that this ~~Engine~~ has been inspected in accordance with a 100 HR inspection and was determined to be in an air- worthy condition. Inspector <u>Howard H. Howell</u> for Aircraft Maintenance Corp. F. A. A. Approved Repair Station #3294 Date <u>6-6-72</u> Total Time <u>1942 TSO 355</u> Details on file under W. O. # <u>4872</u>	

CARRY TOTAL TIME TO TOP OF NEXT PAGE

ENGINE LOG

[illegible]

ENGINE LOG

[illegible]

CARRY TOTAL TIME TO TOP OF NEXT PAGE

ENGINE LOG

YEAR	DESCRIPTION OF INSPECTIONS, REPAIRS AND ALTERATIONS	
MO.	DAY	Certificated mechanics or repair facilities must endorse all inspections and repairs with name, rating & Cert. No.
		I certify that this <u>ENG</u> has
		been inspected in accordance with a <u>ANNUAL</u>
		inspection and was determined to be in an air-
		worthy condition.
		Inspector <u>[Signature]</u> for
		Aircraft Maintenance Corp.
		F. A. A. Approved Repair Station #3294
		Date <u>7-1-71</u> Total Time <u>1736 - SINCE MAJOR 149 hrs</u>
		Details on file under W. O. # <u>4420</u>
		<u>Jan 28, 1972 oil changed 30w</u>
		<u>John M. Redman</u>
		<u>17011276236</u>

ENGINE LOG

YEAR		RECORDING TACH. READING	TIME THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE
MO.	DAY					
2	14	1587.0		1587.0	Major Overhauled Engine TT 1587.0 Installed The Following New Parts set Rod & Main Bearings, 8 Rod Bolts & Nuts, 8 Lifter Bodies & Lifters 4 Ex Valves, 3 Ex Guides, 1 Cyl #4, 4 Pistons, 8 Piston Pin Plugs Ring & Gasket Set, Fuel Pump & Vacuum Pump, Carb. Horns, Magnaflex or 24610 All Parts, OH starter HIT, Mags & Carb.	
MAINTENANCE RELEASE		Major Repair	CAM 18,	18.22.2 (2) (1)		
AIRCRAFT MAKE		Boeing	MODEL	23		
Component Part		Engine	Make	LYC		
			SERIAL	47845		
			Model	0-320		
			Serial	L-18270-270		
The aircraft and/or component identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Agency and is approved for return to service. Pertinent details of the repair are on file at this agency under work order No. 42663						
Date 2-14-69 Signed <i>Clarence J. Esch</i> for (signature of authorized individual)						
FLIGHTCRAFT, INC. - FAA Approved Repair Station 4126 Portland International Airport - Portland, Oregon						
Date 2-14-69 Signed <i>Clarence J. Esch</i> for (signature of authorized individual)						
FLIGHTCRAFT, INC. - CAA Approved Repair Station 4126 Portland International Airport - Portland, Oregon						

CARRY TOTAL TIME TO TOP OF NEXT PAGE

ENGINE LOG

YEAR 69		DESCRIPTION OF INSPECTIONS, REPAIRS AND ALTERATIONS Certificated mechanics or repair facilities must endorse all inspections and repairs with name, rating & Cert. No.
MO.	DAY	
3	20	ANNUAL inspection completed as per m.b.f. recommendations. Engine filled to 8 at capacity with RPM 40 uncompresses. oil. ENGINE RUN-UP & CHECK OK
FLIGHTCRAFT, INC. Approved Repair Station 4126 Date 3-20-69 I certify that this aircraft has been inspected in accordance with a ANNUAL inspection was determined to be in airworthy condition. Details of this inspection filed under W.O. No. 42656 applicable A.D. notes through 69-5 complied with, Total time (or tach reading) 69-5 Signed <i>David E. Hoover</i> A & P # 17627		

ENGINE LOG

YEAR

MO. DAY

DESCRIPTION OF INSPECTIONS, REPAIRS AND ALTERATIONS

Certificated mechanics or repair facilities must endorse all inspections and repairs with name, rating & Cert. No.

Date

9-10-68

I certify that this Aircraft Engine has been inspected in accordance with a 100-hr. Annual Inspection and has been determined to be in airworthy condition.

Sig.

Robert W. Johnson ATP 1814767

T. T.

1469.00

Total Time

1469.00

ENGINE LOG

DESCRIPTION OF INSPECTIONS, REPAIRS AND ALTERATIONS

Certificated mechanics or repair facilities must endorse all inspections and repairs with name, rating & Cert. No.

YEAR 68

MO. DAY

8 7

I certify that this aircraft engine has been inspected in accordance with a 100 hrs. inspection and was determined to be in airworthy condition, T.T. 1371.68
J Robert W. Johnson A+P 14767

ENGINE LOG

YEAR 68

MO. DAY

DESCRIPTION OF INSPECTIONS, REPAIRS AND ALTERATIONS

Certificated mechanics or repair facilities must endorse all inspections and repairs with name, rating & Cert. No.

7 10

I certify that this engine has been inspected in accordance with a 100 hour inspection and was determined to be in an airworthy condition. Tack Time 1273.48
Robert W. Johnson 1814767 A & P
New air filter installed, new plugs, oil change to wgt. LPM comp.

ENGINE LOG

YEAR

MO. DAY

DESCRIPTION OF INSPECTIONS, REPAIRS AND ALTERATIONS

Certificated mechanics or repair facilities must endorse all inspections and repairs with name, rating & Cert. No.

5-12-68 TT 1176.98

I certify that this Engine

has been inspected in accordance with

a 100 hr inspection and was determined to be in airworthy condition.

Signature

No.

Leonard M. Hansen IV
748 1748826

ENGINE LOG

YEAR

MO. DAY

DESCRIPTION OF INSPECTIONS, REPAIRS AND ALTERATIONS

Certificated mechanics or repair facilities must endorse all inspections and repairs with name, rating & Cert. No.

I certify that This Aft
has been inspected I/A/W a 108 h
INSP. and was determined to be in
Airworthy Condition 5-16-68

Airworthy Condition 5-16-68
 11 1075.24 Leonard M Hansen

Airworthy Condition
 111075.24 Leonard M Hansen Jr. #1B-48826
 Wheel Brings cloned & packed
 Airt Cloned & Washed

ENGINE LOG

[illegible]

CARRY TOTAL TIME TO TOP OF NEXT PAGE

ENGINE LOG

YEAR		DESCRIPTION OF INSPECTIONS, REPAIRS AND ALTERATIONS Certificated mechanics or repair facilities must endorse all inspections and repairs with name, rating & Cert. No.
MO.	DAY	
		I certify that this aircraft <u>ENGINE</u> has been inspected in accordance with a 100- Hour Inspection and determined to be in an airworthy condition. Time In Service <u>975.24</u> Tach. Time <u>975.24</u> Date <u>4/22/68</u> A&P <u>[Signature]</u> <u>1755216</u> <u>Bill M. Holliday</u> <u>40 wt RPM comp oil installed</u>

ENGINE LOG

[illegible]

[illegible]

YEAR		DESCRIPTION OF INSPECTIONS, REPAIRS AND ALTERATIONS Certificated mechanics or repair facilities must endorse all inspections and repairs with name, rating & Cert. No.
MO.	DAY	
		ALTERNATOR REMOVED & REPLACED WITH OVERHAULED ALTERNATOR B+C AUTO ELECTRIC W. H. TUNNEY A & P 1713121
		I certify that this <u>ENGINE</u> has been inspected in accordance with a <u>100 HR</u> inspection and was de- termined to be in airworthy condition. Date <u>3-8-68</u> <u>T.T. 748:10</u> Time in Service <u>748:10</u> <u>Burt M. Holladay</u> <u>1755716</u> Signature No.

[illegible]

YEAR		DESCRIPTION OF INSPECTIONS, REPAIRS AND ALTERATIONS Certificated mechanics or repair facilities must endorse all inspections and repairs with name, rating & Cert. No.
MO.	DAY	
		<u>I</u> certify that this <u>ENGINE</u> has been inspected in accordance with a <u>100 HR</u> Inspection and was determined to be in airworthy condition. Date <u>11-17-67</u> <u>T.T.</u> <u>548:50</u> Time in Service <u>548:50</u> <u>R. R. Ward</u> <u>AP 1499063</u> Signature No. <u>30 RPM COMP OIL INSTALLED DTE</u>

[illegible]

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

Date 31 JULY 67

Time 725.9 (TACH)

TA 1499601

YEAR		DESCRIPTION OF INSPECTIONS, REPAIRS AND ALTERATIONS Certificated mechanics or repair facilities must endorse all inspections and repairs with name, rating & Cert. No.
MO.	DAY	
		100hr Inspection
		Compression CK. # 1 - 100 Lbs. # 2 110 Lbs.,
		# 3 120 Lbs. - # 4 110 Lbs
		SPARK plugs changed TACT. TIME <u>334.40</u>
		OIL changed. 40wt. Comp. " " <u>334.40</u>
		I certify that this eng. has been
		inspected in A/W A 100 hr. inspection &
		was considered to be air worthy condition.
		DATE 30 Aug 1967 Time <u>334.40</u>
		W. H. Tunney A & P 1713121

DESCRIPTION OF INSPECTIONS, REPAIRS AND ALTERATIONS

Certificated mechanics or repair facilities must endorse all inspections and repairs with name, rating & Cert. No.

100hr Inspection

COMPRESSION CK. # 1 - 100 Lbs. # 2 110 Lbs.;

#3 120 Lbs. - #4 110 Lbs

SPARK plugs changed TACT. TIME 334.40

oil changed. 40wt. Comp.	"	334.40
--------------------------	---	--------

I certify that this eng. has been inspected in A/W a 100 hr. inspection & was considered to be air worthy condition.

DATE 30 Aug 1967 Time 334.40

W. H. Tunney A & P 1713121

[illegible][illegible]

ENGINE DATA

(THIS PAGE MUST BE FILLED OUT COMPLETELY)

MANUFACTURER LYCOMING

MODEL 0-320-F2C SERIAL NO. L 18270-27A

DISPLACEMENT

OIL PRESSURE

OIL TEMP. MAX.

WEIGHT

RATED H. P.

AT

R.P.M.

OIL GRADE: SUMMER

WINTER

OIL CAPACITY

FUEL MINIMUM OCTANE

FIRING ORDER

MAGNETO TIMING

MAGNETO POINT SETTING

SPARK PLUG GAP