



**ENGINE  
AND REDUCTION DRIVE  
LOGBOOK**

The subject aircraft was involved in an incident / accident on 10/4/2025 rendering it a Constructive Total Loss as not repairable within its insured value. For further details refer to insurance claim: 5599007865US.

Signed: ***Underwriters Salvage Company***

Date: **12/30/2025**

AIK Aerospace Adjustment Services Inc  
3500 Lenox Road, Suite 1100  
Atlanta, GA 30326







Date	Recording Tach/ Hour Meter Time	Total Time In Service	Description of work performed
7/21/23	2214.9		CHANGED OIL PHILLIPS X/C 20-50 <i>Ther &amp; Co</i>
10/13/23	2239.8		CHANGED OIL PHILLIPS X/C 20-50 OIL SCREEN OK <i>Ther &amp; Co</i>
2/1/24	2265.0		CHANGED OIL PHILLIPS X/C 20-50 <i>Ther &amp; Co</i>
6/4/24	2289.7		CHANGED OIL PHILLIPS X/C 20-50 OIL SCREEN OK <i>Ther &amp; Co</i>

Date	Recording Tach/ Hour Meter Time	Total Time In Service	Description of work performed
			7 June 2024 Tach. Reads 2289.7 Hrs. TSMOH: 1711.00 Hrs Diff. Comp Check completed with following results #1 72 #2 68 #3 60 #4 68 Over 80. Cylinder bore scope completed ( No Defects Noted), Drained Oil, inspected oil screen ( No metal noted) reinstalled oil screen with new gasket and lock washers. , Reserviced with 7 Qts Phillips XC 20W50. Inspected, cleaned spark plugs, Replaced Induction Filter Element BA-11. C/W AD 80-21-06 Muffler Inspection by bore scope and disassembly method ( No Defects Noted) Next Due Tach. 2389.7 or June 2025. C/W AD 75-17-16 Carb. Heat Box Alternate Air Valve Inspection visual inspection Sat. Next due Tach. 2389.7 or June 2025. Engine Ground run Sat.
			<i>Curtis E Nichols</i> Curtis E Nichols AP518563848IA
			7 June 2024 Tach. Reads: 2289.7 Hrs TSMOH: 1711.00 Hrs. I Certify that this Engine has been Inspected I/A/W FAR 43 Appendix for an Annual and Found to be Airworthy
			<i>Curtis E Nichols</i> Curtis E Nichols AP518563848IA

Date	Recording Tach/ Hour Meter Time	Total Time In Service	Description of work performed
9 June 2023	2206.5	TSMOIT: 1627.8	Diff Comp Check Completed with following Results #1 71 #2 65 #3 21 #4 66 over 30, Insp of 1 SCREEN (NO METAL NOTED) Reinstalled SCREEN with New Gaskets and Lock Washers Eng Spark Plugs, ReTight Spark Plugs. CW AD 80-21-06 (Crankshaft Insp) next Due June 24 on Tach 2306.5 CW AD 75-17-16 Carb Air Box Adjustment. Air Valve Valve Insp SAI next Due Tach 2306.5 on June 2024, CW AD 98-12-08 Crankshaft Corrosion Pitting (NO CRACKS NOTED) next Due Tach 2306.5 on June 24, Rep laced OVER →

Date	Recording Tach/ Hour Meter Time	Total Time In Service	Description of work performed
9 June 2023	CONT →		NOSE CRANKSHAFT Plug, Reinstalled Prop + Tightened AWT Bolt Engine Ground Run SAI with Curtis Nichols AT 151056384024
9 June 2023	2206.5	TSMOIT: 1627.8	I certify That This Engine Has Been Inspected EOW FAR 43 Appendix D For An Annual Inspection and Found Airworthy with Curtis Nichols AT 151056384024

Date	Recording Tach/ Hour Meter Time	Total Time In Service	Description of work performed
18 June 2022	CONT	→	Tach 2292.2 Replaced CRANK SHAFT FRONT SEAL Retightened AUTOMATION MOUNTINGS Reinstalled Propeller governor Governor Rw SAT h/f g w/y Curtis Nichols AHS18563848 FA
18 June 22	Tach 2129.2		I certify that this aircraft to include engine and propeller has been inspected IAW FAR 43 Appendix D for an Annual and found Airworthy h/f g w/y Curtis Nichols AHS18563848 FA

Date	Recording Tach/ Hour Meter Time	Total Time In Service	Description of work performed
7/23/22	2139.7		CHANGE OIL PHILLIPS X/C CHECKED OIL SCREEN - OK
10/22/22	2165.4		CHANGED OIL PHILLIPS X/C 20-50
2/8/23	2190.2		CHANGED OIL PHILLIPS X/C 20-50 CHECKED OIL SCREEN - OK
3/4/23	2193.5		CHANGED SPARK PLUGS WITH NEW TEMPEST UREM 40 E The S/C



Date	Recording Tach/ Hour Meter Time	Total Time In Service	Description of work performed
7/10/21	2059.7		CHANGED OIL PHILLIPS X/C 20-50 The S E
9/19/21	2102.2		CHANGED STARTER WITH SKY-TEC 12V 149-NL SERIAL NUMBER H-V071461 LAW EQUIPMENTS ATP518563040
12/13/21	2114.5		CHANGED OIL PHILLIPS X/C 20-50 The S E



Date	Recording Tach/ Hour Meter Time	Total Time In Service	Description of work performed
18 June 2022	2129.2	750 Hrs - 1550 Hrs	DIFF Comp, Check Completed with following results #170, #270, #370 #472 over 80. Insp Oil Screen (NO CRACKS NOTED) Reinstalled Screen verified mag timing, Insp checked and rotated spark plugs, C/W AD 80-21-06 with an Insp (NO CRACKS NOTED) NEXT Due Tach 2229.2 OR June 23, C/W AD 75-17-16 CARD AIR BOX ALTERNATE AIR VALVE Visual Insp SAT NEXT Due Tach 2229.2 OR June 23, C/W AD 98-12-03 check SHAFT CORROSION, FPE Insp Completed (NO CRACKS NOTED) NEXT Due over →

Date	Recording Tach/ Hour Meter Time	Total Time In Service	Description of work performed
9/13/20	2040.3		CHANGE OIL PHILLIPS x/c 20-50 OIL SCREEN OK The 9 C
11/04/21			ALTERNATOR REPLACED WITH PRESOLITE ALE 85020 R SERIAL NUMBER J030096 GROUND RUN SATISFACTORY WAT Curtis E. Nichols APP519563948
11/22/21	2064.7		CHANGED OIL PHILLIPS x/c 20-50 OIL SCREEN OK The 9 C

Date	Recording Tach/ Hour Meter Time	Total Time In Service	Description of work performed
3 July 21	2088.1 TSMOH 1508.5		DIFF. Comp Check Completed <del>IAW FAR 43 Appendix A FAR</del> <del>AND WITH FOLLOWING RESULTS</del> #1 79, #2 72 #3 74, #4 29 80 Eng Oil SCREEN (NO WATER) NOTED) REINSTALLED NEW GAS KIT AND LOCK WASHERS Eng CHANGED AND ROTATED SPARK PLUG PENGLIN GROUND RUN SAT WAT Curtis E. Nichols APP518563948
33-1-2	2088.1 TSMOH 1508.5		EFFECTIVE THAT THIS ENGINE HAS BEEN Eng IAW FAR 43 APPENDIX D FOR AN HOUR AND PENGLIN WAT Curtis E. Nichols APP518563948 IA

Date	Recording Tach/ Hour Meter Time	Total Time In Service	Description of work performed
17 June 2015	1963.7 TSMOH: 1395		Inspection that this engine has been inspected IAW FAR 43 Appendix D for an Annual and found Airworthy  WTF PARTS # 523848 A+518523848
10/1/19	1989.6		CHANGED OIL PHILLIPS X/C 20-50 OIL SCREEN OK  The 9 En
5/10/2020	2015.3		CHANGED OIL PHILLIPS X/C 20-50 OIL SCREEN OK  The 9 En

Date	Recording Tach/ Hour Meter Time	Total Time In Service	Description of work performed
17 June 2020	2018.2 TSMOH 1439.5		DIFF Comp check completed with following results #172 #270 #370 #472 over 80, Insp O.I.T Screen AT 9/10/w oil change Eng spark plugs, cleaned Asms Jailed Engine Cover Run SAT  WTF PARTS # 523848 A+518523848
17 June 2020	2018.2 TSMOH 1439.5		Inspection that this engine has been inspected IAW FAR 43 Appendix D for an Annual and found Airworthy  WTF PARTS # 523848 A+518523848

Date	Recording Tach/ Hour Meter Time	Total Time In Service	Description of work performed
16 SEPT 2018	1939.7		REPLACED DIP STICK HOUSING PART NUMBER 75735
			  ORDER NUMBER <u>155459</u> LOCATION <u>026.8A.02.A.</u> PART NUMBER <u>75735</u> QUANTITY <u>1</u> DESCRIPTION <u>TUBE-OIL LEVEL GAGE- (6.3 EA</u> CURE DATE _____ EXP DATE _____
			<i>Handwritten signature</i> QUATER & NICHOLS 1175185184222
11 - MARCH 2019	1950.4		CHANGED OIL PHILLIPS 20-50 OIL SCREEN OIL

Date	Recording Tach/ Hour Meter Time	Total Time In Service	Description of work performed
6/17/19	1963.7		CHANGED OIL PHILLIPS 20-50 OIL SCREEN OK <i>Handwritten signature</i>
17 JAN 2019	1963.7		DIFF COMP CHECK COMPLETED WITH FOLLOWING RESRITS #170 #272 #375 #472 OVER 80 INSPECTION SCREEN (NO METAL NOTED) JUGS CLEANED + ROTATED SPARK PLUGS RE-INSTALLED BASELATOR, RE-INSTALLED PROP AIRTR COMPILATION OF A198-A208 WITH NEW CRANKS HART PLUGS ENGINE GROUND RUN SATISFACTION <i>Handwritten signature</i> PART NUMBER A198A208

Date	Recording Tach/ Hour Meter Time	Total Time In Service	Description of work performed
30 Jun 2018	1916.6	75mold 1332.9	Diff long check completed with following results #, > @ # 170 # 3 > 2 # 468 over 80, insp oil screen (no metal noted) installed with new gasket, insp cleaned rocker & spark plugs, tightened carb float bowl screws removed 11/1 jobs, lubed all <del>the</del> <sup>eng</sup> contracts, replaced and checked fit floor element #A-11 engine ground run SAT, prop shaft and crankshaft ply reinstalled at the crankshaft insp.
			W. J. W. W. DUNNICK ATP 1856384031L

Date	Recording Tach/ Hour Meter Time	Total Time In Service	Description of work performed
30 Jun 2018	1916.6	75mold 1332.9	Inspection that this engine has been inspected IAW FAA 43 Appendix D for an Annual and found Airworthy
			W. J. W. W. DUNNICK ATP 1856384031L
30 JUNE 2018	1925.0		CHANGED OIL PHILIPS 20-50 OIL SCREEN O.K.
			W. J. W. W.
17 June			



Date	Recording Tach/ Hour Meter Time	Total Time In Service	Description of work performed
12 DEC 2015	1751.2	1128.2 SMOH	CHANGED OIL PHILLIPS 20-50 OIL SCREEN OK <i>The 3h</i>
21 APRIL 2016	1774.8	1151.8 SMOH	CHANGED OIL PHILLIPS 20-50 OIL SCREEN OK <i>The 3h</i>
28 JULY 2016	1800.1	1177.1	CHANGED OIL PHILLIPS 20-50 OIL SCREEN OK <i>The 3h</i>
2 NOV 2016	1824.7	1201.7 SMOH	CHANGED OIL PHILLIPS 20-50 OIL SCREEN OK <i>The 3h</i>
3/5/2016	1847.3	1224.3	CHANGED OIL PHILLIPS 20-50 OIL SCREEN OK / OIL SUMP SCREEN OK <i>The 3h</i>
<del>21</del>			

Date	Recording Tach/ Hour Meter Time	Total Time In Service	Description of work performed
6 MAY 2017	1847.3	3055.5	DIFF COMP CHECK COMPLETED WITH FOLLOWING RESULTS #1 75 #2 73 #3 75 #4 70 OVER 80 IDENTIFY THAT THIS ENGINE HAS BEEN IMPROVED IAW FAR 43 APPENDIX D FOR AN ANNUAL AND FOUND ANNOTATION <i>at 5:00 PM</i> <i>CHARTER &amp; WICKS</i> <i>AT 15105638402A</i>
31 AUG 2017	1874.5		CHANGED OIL PHILLIPS 20-50 OIL SCREEN OK <i>The 3h</i>
9 JAN 2018	1900.1		CHANGED OIL PHILLIPS 20-50 OIL SCREEN OK <i>The 3h</i>





**ENGINE LOG DATA**  
(THIS PAGE MUST BE FILLED OUT COMPLETELY)

MANUFACTURER LYCOMING MODEL O-320-A2B SERIAL NO. L-27640-27A

DISPLACEMENT \_\_\_\_\_ OIL PRESS. MAX. \_\_\_\_\_ MIN. \_\_\_\_\_ OIL TEMP. MAX. \_\_\_\_\_ MIN. \_\_\_\_\_

WEIGHT \_\_\_\_\_ RATED H.P. \_\_\_\_\_ AT \_\_\_\_\_ R.P.M. \_\_\_\_\_

OIL GRADE: SUMMER \_\_\_\_\_ WINTER \_\_\_\_\_ OIL CAPACITY \_\_\_\_\_

FUEL MINIMUM OCTANE \_\_\_\_\_ FIRING ORDER \_\_\_\_\_

MAGNETO TIMING \_\_\_\_\_ MAGNETO POINT SETTING \_\_\_\_\_

**KANE**

~~9004L~~  
N289PS

"FLY FOR FUN"  
"FLY CITABRIA"  
CHAMPION AIRCRAFT CORP.

AVIATION SPECIALISTS, INC.  
BOX 412, DYER AIRPORT  
RICHMOND, VA 23131  
(804) 232-4172

**ENGINE LOG**

DATE

## MEMORANDA

6/9/97 OVERHAUL TACH 624 TACH WHEN BOUGHT 926.6  
 ADD 1385 TO TACH FOR TT AIRFRAME

2 Aug 2015 Diff Comp check completed with following results  
 #1 74 #2 74 #3 76 #4 71 OIL 90, DRAWN OIL,  
 Insp oil screen (NO METAL NOTED) Reservoir Phillips 20W50  
 Insp cleared Gapped spark Plugs, Engine Grounded Run  
 SAT WTS 2 VJ  
 Curtis & Nichols

Tach Reads: 1731.0 TT 2939.2 <sup>TSMAN</sup> 1118.0 ATP 513563849JA

2 Aug 2015 Identify That This Engine Has Been Inspected  
 IAW FAR 45 Appendix D For AN ANNUAL AND  
 Found Airworthy WTS 2 VJ  
 Curtis & Nichols  
 ATP 513563849JA

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## PERIODIC INSPECTION RECORD

NC

DATE 19__	TOTAL TIME	COMPLIANCE CONDITION, REPAIR, REPLACEMENT, ETC.	SIGNATURE AND CERTIFICATE NO. OF MECHANIC OR REPAIR FACILITY
20 April 2013	Tach Reads: 1675.2	Removed LHM Magneto Model 4373 SN 95030140 Installed Serviceable Magneto Model 4373 SN 03060285 (This mag has 290 Hrs since new) Tined Magneto to engine. Engine covered Run SAT	Quat Nichols ATP510563848

27 April 2013 FAA - PMA Tach 1676.0

This tag certifies that Sky-Tec Model No. 149-NL  
Serial No. FN-0913131 was manufactured new on 07 Mar 2013  
by Sky-Tec under the authority of FAA PMA No. PQ0852SW Supplement  
No. 7 per CFR14 Part 21 in accordance with Sky-Tec's  
FAA-Approved Fabrication Inspection System (CFR14 Part 21 §21.303) and  
conforms to the relevant FAA-approved drawings. This part has been  
determined to be airworthy.

For installation eligibility see [www.skytecair.com/eligibility.htm](http://www.skytecair.com/eligibility.htm).

Starter Installed on N189PS by Quat Nichols  
(Aircraft) (Mechanic)  
ATP510563848

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## PERIODIC INSPECTION RECORD

NC

DATE 19__	TOTAL TIME	COMPLIANCE CONDITION, REPAIR, REPLACEMENT, ETC.	SIGNATURE AND CERTIFICATE NO. OF MECHANIC OR REPAIR FACILITY
29 June 2013		TACH READS 1687.6 CHANGED OIL PHILLIPS 20/50 OIL SCREEN OK / CHECKED OIL PAN SCREEN OK	Thos S En
2 NOV 2013		DIST Comp check or completed with following results #176 #177 #377 Tach 74 over 80, Replaced BRA Rim 406 Spark Plug, Replaced NOSA crank shaft 1696.8 3641, Replaced Ford crankshaft plug, Replaced propeller Engine covered Run SAT Quat Nichols ATP510563848	
2 NOV 2013	Tach 1696.8	A/C REC # NS94PS DATE 2 NOV 2013 TOTAL A/C TIME _____ HRS. TACH TIME 1696.0	
	TSMH: 1093.8	I CERTIFY THAT THIS A/C HAS BEEN INSPECTED IN ACCORDANCE WITH AN (CIRCLE ONE) INITIAL 100 HR INSPECTION FAW PAR 43 APPLD WAS DETERMINED TO BE IN AIRWORTHY CONDITION.	
		<u>Quat Nichols</u> ATP510563848 SIGNATURE CERTIFICATE NO/TYPE	

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AIRWORTHINESS DIRECTIVES

NC

DATE 19__	DIRECTIVE NUMBER	GIVE A BRIEF DESCRIPTION OF COMPLIANCE	SIGNATURE AND CERTIFICATE NO. OF MECHANIC OR REPAIR FACILITY
<del>7-26-73</del>			
7-26-73	72-6-5	Marvel-Scholbe Throttle Safety TT650	C. [Signature] AAI 1917436
7-26-73	72-15-2	Prohibited ALT For installed new type TT650	C. [Signature] AAI 1917436
30061 2012		Tach Reads 1660.8 Diff Comp. Check Completed with following results #175 #274 #374 #474 over 80 I visually insp oil screen AT previous oil change (no major noted), Insp Reinstalled All spark plugs, Reinstalled MAF/FIARS engine ground Run SAT	[Signature] AAI 1917436

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AIRWORTHINESS DIRECTIVES

NC

DATE 19__	DIRECTIVE NUMBER	GIVE A BRIEF DESCRIPTION OF COMPLIANCE	SIGNATURE AND CERTIFICATE NO. OF MECHANIC OR REPAIR FACILITY
30061 2012	Tach 1660.8	A/C REG # N18995 DATE 20 OCT 2012 TOTAL A/C TIME HRS TACH TIME 1660.8	
Engine 2 Total Time	3369	I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN (CIRCLE ONE) ANNUAL/100 HR INSPECTION PER 43 APPR AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION	
TS MON:	1047.8	[Signature] AAI 1917436	
3 NOV 2012	TACH 1660.8	REMOVED STEWART WARNER OIL COOLER P/N 8406E-1 SN 8938 AND REPLACED WITH NDM OIL COOLER SN D79-2886-7 P/N 29002 A Ground Run SAT	[Signature] AAI 1917436

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MANDATORY SERVICE BULLETINS

NC

DATE 19__	TOTAL TIME	GIVE A BRIEF DESCRIPTION OF COMPLIANCE	SIGNATURE AND CERTIFICATE NO. OF MECHANIC OR REPAIR FACILITY
5 <sup>SEP</sup> 2010	PM 4 1615.9	A/C REG # <u>14289AS</u> DATE <u>5310T201</u> TOTAL A/C TIME _____ HRS. TACH TIME <u>1615.9</u>	
	T901 1000.9	I CERTIFY THAT THIS <sup>ENGINE</sup> <del>AC</del> HAS BEEN INSPECTED IN ACCORDANCE WITH AN (CIRCLE ONE) ANNUAL/100 HR INSPECTION AS PER <u>ANNUAL</u> AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.	
	T50 2826.1		
		<u>[Signature]</u> <u>A1P518563848 IA</u> SIGNATURE CERTIFICATE NO./TYPE <u>Artis Nichols</u>	
5 JULY 2011	TACH 1631.9	REPLACED ALTERNATOR BELT WITH LYCOMING BELT 37A19773-376 5614 4Q10	<u>[Signature]</u>
13 SEPT 2011	TACH 1636.5	CHANGED OIL PHILLIPS 20-50 OIL SCREEN OK	<u>[Signature]</u>

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MANDATORY SERVICE BULLETINS

NC

DATE 19__	TOTAL TIME	GIVE A BRIEF DESCRIPTION OF COMPLIANCE	SIGNATURE AND CERTIFICATE NO. OF MECHANIC OR REPAIR FACILITY
10 OCT 2011	Tach Reads 1637.1	Diff Comp check completed with following results #176 #222 #374 #470 OK	
	Total Time: 2845.8	BO Installed VAC Pump Drive and VAC Pump. <del>2112</del> 2112 Engine Ground	<u>[Signature]</u> A1P518563848 IA
	T500H: 1024.1	Run SAT	
10 OCT 2011	Tach Reads 1637.1	I certify that this engine has been inspected I/A/W an Annual inspection and found airworthy	<u>[Signature]</u> A1P518563848 IA
	Total Time 2845.8		
	T500H 1024.1		
23 SEPT 2012	TACH READS 1659.9	CHANGED OIL PHILLIPS 20-50 / OIL SCREEN OK	<u>[Signature]</u>
		CHECKED <del>OIL</del> OIL PAN SCREEN OK	

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NC

ENGINE LOG

DATE 19__	TACH. TIME	THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE AND CERTIFICATE NO.
27 July 08	1589.8		2986.0	Identify That This Engine Has Been Insp IAW AN ANNUAL Insp AND Found To Be Airworthy	<i>[Signature]</i> Curtis Nichols A+P518563848 IA
	Tsmot: 965.8				
21 JUNE 09	1599.5			CHANGE OIL PHILLIPS 20-50 OIL SCREEN OK CHECKED CRANKCASE OIL PICKUP SCREEN OK	<i>[Signature]</i>
1 Aug 09	1599.5			Di.Fr. Comp Check Completed with following RESULTS: #1 76 #2 75 #3 26 #4 20, Insp cleaned and rotated spark plugs, Repaired working ARSIS	<i>[Signature]</i>
	Tsmot: 925.5			PARS AND BOX WITH SEAWAS, Reinspected AND BOX, Engine Ground Run SAT	Curtis Nichols A+P518563848 IA

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DATE 19__	INSPECTIONS, ADJUSTMENTS, REPLACEMENTS, REPAIRS AND/OR ALTERATIONS EVERY REPAIR AND EVERY INSPECTION MUST BE ENDORSED BY A CERTIFICATED MECHANIC OR REPAIR FACILITY WITH NAME, RATING AND CERTIFICATE NUMBER
1 Aug 2009	Tach Reads 1599.5 Identify That This Engine Has TSMOT: 925.5 BEEN Insp. IAW AN ANNUAL Insp AND Found To Be Airworthy
	<i>[Signature]</i> Curtis Nichols A+P518563848 IA
5 Sept 2010	Tach Reads: 1613.9 Di.Fr. Comp. Check completed with following RESULTS #1 77 #2 75 #3 76 #4 22, <sup>over</sup> rotated oil, Insp cleaned oil screen, Reinstalled oil screen, Rechecked 2 qts Phillips 20-50 oil, Insp cleaned, Gapped, tested and rotated spark plugs engine ground run SAT
	<i>[Signature]</i> Curtis Nichols A+P518563848 IA

SEE PERTINENT FAR 91.161, 91.163, 91.165, 91.167, 91.169, 91.173, AND 91.175

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DATE 19__	TACH. TIME	THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE AND CERTIFICATE NO.
13 MAY 06	1552.7		2748.9	I certify that this engine has been insp. I/P/W an annual insp and found to be Airworthy	<i>[Signature]</i> Curtis A. Nichols AIP518563848E/A
	TSMOH: 928.7				
12 FEB 07	1574.7			CHANGED OIL PHILLIPS 20-50 OIL SCREEN ON THE PIN	
19 MAY 07	1579.1		2775.3	O.I.F.I. Comp. Check completed with following results #1 28 #2 79 #3 77 #4 77 over 80, Insp cleaned Gapped Tested + rotated spark plugs, Insp cleaned Reswired fuel screen, Replaced Induction filter & Element PIN BA-11 engine changed Run S/T	<i>[Signature]</i> Curtis A. Nichols AIP518563848E/A

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ENGINE LOG

DATE 19__	INSPECTIONS, ADJUSTMENTS, REPLACEMENTS, REPAIRS AND/OR ALTERATIONS EVERY REPAIR AND EVERY INSPECTION MUST BE ENDORSED BY A CERTIFICATED MECHANIC OR REPAIR FACILITY WITH NAME, RATING AND CERTIFICATE NUMBER
13 MAY 07	Tach Reads 1579.1 I certify that this engine has TOTAL engine time: 2775.3 been insp. I/P/W an annual TSMOH: 955.1 inspection and found to be Airworthy
	<i>[Signature]</i> Curtis A. Nichols AIP518563848E/A
19 MAY 07	Tach Reads: 1589.9 O.I.F.I. Comp. Check completed with following results #1 28 #2 75 #3 77 #4 73 over 80 Insp cleaned Reswired oil screen, Insp cleaned Gapped Tested + rotated spark plugs engine ground Run S/T
	<i>[Signature]</i> Curtis A. Nichols AIP518563848E/A



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ENGINE LOG

DATE 19__	TACH. TIME	THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE AND CERTIFICATE NO.
8/MAY/05	1482.2			REPLACED AIR FILTER	<i>Th S</i>
8/MAY/05	1482.2			REINSTALLED ACT AFTER EVALUATION BY A Rocker Covers AFTER PAINTING WITH NEW SILCON GASKETS PAINTED ENGINE THRU APITS AND STUDS, PAINTED FWD CYLINDER AREAS ENGINE GROUND RAN SAT	<i>Th S</i> PARTS NO 2125 ATP518563840 EA
8/AUG/05	1500.5			CHANGED OIL PHILLIPS 20W50 OIL SCREEN OK	<i>Th S</i>

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TOP OF NEXT LEFT PAGE

DATE	INSPECTIONS, ADJUSTMENTS, REPLACEMENTS, REPAIRS AND/OR ALTERATIONS EVERY REPAIR AND EVERY INSPECTION MUST BE ENDORSED BY A CERTIFICATED MECHANIC OR REPAIR FACILITY WITH NAME, RATING AND CERTIFICATE NUMBER
24/AUG/05 TACH 1509.3	REPLACED ALL SPARKPLUGS WITH NEW CHAMPION REMOVE, TORQUED TO 350 IN LBS
31/DEC/05	CHANGED OIL PHILLIPS 20/50 OIL SCREEN OK TACH READS 1524.7
9/APRIL/06	CHANGED OIL PHILLIPS 20/50 OIL SCREEN OK TACH READS 1551.8
13/MAY/06	Tach Reads: 1552.7 TOTAL ENGINE TIME 2748.9 TSMOH: 928.7 DIFF COMP. CHECK COMPLETED WITH FOLLOWING RESULTS #177 #276 #376 #477 OVER 80, INJ CLEANED GAPPED AND ROTATED SPARK PLUGS, REINSTALLED MUFFLERS WITH NEW STRAPS ENGINE GROUND RAN SAT

SEE PERTINENT FAR 91.161, 91.163, 91.165, 91.167, 91.169, 91.173, AND 91.175

*Antio & Nichols*  
ATP518563840 EA

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NC

DATE	TACH. TIME	THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE AND CERTIFICATE NO.
28 2004			<del>TACH TIME</del> 1378.3	TOTAL TIME: 2574.5	
				I CERTIFY THAT THIS AIRCRAFT + <u>ENGINE</u> + <u>PROPELLER</u> TSMOH: 754.5	
				HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION HAS BEEN FOUND AIRWORTHY.	
				<i>[Signature]</i> 2 May 04	
				CURTIS E. NICHOLS	
				APP 513-76-3848 IA	
29 JUNE 04	1399.7			CHANGED OIL PHILLIPS 20-50 OIL SCREEN OK	<i>[Signature]</i> 226-620772
9 SEPT 04	1424.9			CHANGED OIL PHILLIPS 20-50 OIL SCREEN OK	<i>[Signature]</i> 226-62-0772

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ENGINE LOG

DATE	INSPECTIONS, ADJUSTMENTS, REPLACEMENTS, REPAIRS AND/OR ALTERATIONS
2005	EVERY REPAIR AND EVERY INSPECTION MUST BE ENDORSED BY A CERTIFICATED MECHANIC OR REPAIR FACILITY WITH NAME, RATING AND CERTIFICATE NUMBER
9 DEC 04	TACH 1449.5 CHANGED OIL PHILLIPS 20-50 OIL SCREEN OK <i>[Signature]</i>
10 MARCH 05	TACH 1474.9 CHANGED OIL PHILLIPS 20-50 OIL SCREEN OK <i>[Signature]</i>
8 MAY 05	Tach Reads: 1482.2 Diff Comp Check Completed with following Results #174 #279 #374 #472 OVER 80, Insp Planned Gapped Insulad + ROTATED Spark Plugs <i>[Signature]</i> Curtis Nichols APP 513-76-3848 IA
8 MAY 05	Tach Reads: 1482.2 TSMOH: 858.2 I certify this engine has been insp. IPIAN AN ANNUAL Insp and Found TO Be Airworthy <i>[Signature]</i> Curtis Nichols APP 513-76-3848 IA

SEE PERTINENT FAR 91.161, 91.163, 91.165, 91.167, 91.169, 91.173, AND 91.175

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LS03-01004 LOT # 58  
 Alternator Filter  
 15.5 uf 100 vdc

NC

SIGNATURE AND  
 CERTIFICATE NO.

DATE	TACH. TIME	THIS FLIGHT	TOTAL TIME	
2003				
8/23/03	1292.8			REPLACED CARBURETOR WITH REBUILT CARB PART # 10-3678-32 SERIAL # A10 10012 REPLACED RIGHT MAGNETO WITH NEW SLICK MAG MODEL # 4370 SERIAL # 03051186 INSTALLED ALTERNATOR FILTER PART # LS03-01004 LOT # 58 CARB HAS VON DATA PLATE AD 98-01-06 NO LANSAN APPLIERS CURTIS & NICHOLS ATP 518563848 I/A
9/6/03	1299.8			CHANGED OIL PHILLIPS 20W50 OIL SCREEN OK The S 226-62-0772

FORWARD TOTALS TO  
 TOP OF NEXT LEFT PAGE

ENGINE LOG

INSPECTIONS, ADJUSTMENTS, REPLACEMENTS, REPAIRS AND/OR ALTERATIONS  
 EVERY REPAIR AND EVERY INSPECTION MUST BE ENDORSED BY A CERTIFICATED MECHANIC OR REPAIR FACILITY  
 WITH NAME, RATING AND CERTIFICATE NUMBER

DATE	INSPECTIONS, ADJUSTMENTS, REPLACEMENTS, REPAIRS AND/OR ALTERATIONS			
2003				
10/19/03	TACH 1324.6	CHANGED OIL PHILLIPS 20W50	OIL SCREEN OK	The S 226-62-0772
1/24/04	TACH 1351.6	CHANGED OIL PHILLIPS 20W50	OIL SCREEN OK	The S 226-62-0772
4/11/04	TACH 1375.7	CHANGED OIL PHILLIPS 20W50	OIL SCREEN OK	The S 226-62-0772
1 May 04	DIP# Comp checks completed with following results #177 #270 #375 #478 OKR 80 Inop Chained Gapped And Tasted Spark Plugs Engine Ground Run SAT- CURTIS & NICHOLS ATP 518563848 I/A			

ENG. SER.

NC

DATE	TACH. TIME	THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE AND CERTIFICATE NO.
2002					
7/27/02	1175.0	CHANGED OIL	PHILLIPS 20W50	OIL SCREEN OK	Thom P 226620772
9/21/02	1200.0	CHANGED OIL	PHILLIPS 20W50	OIL SCREEN OK	Thom P 226620772
10/06/02	1206.9	REPLACED	AIR FILTER		Thom P 226620772
12/06/02	1224.7	CHANGED OIL	PHILLIPS 20W50	OIL SCREEN OK	Thom P 226620772
3/15/03	1250.4	CHANGED OIL	PHILLIPS 20W50	OIL SCREEN OK	Thom P 226620772
11 Apr 03	1253.0	Dye Lamp Check Completed with following results #175 #277 #374 #475 over 80 Imp changed inspected capped spark plugs installed new nose crankshaft seal, replaced R/H magnet P/N K3-1493RH A/T reinstalled A/T on bearings replacement, replaced A/T oil business ground run SAT			Curtis E Nichols AIP 518-58-8948 FA

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TOP OF NEXT LEFT PAGE

ENGINE LOG

DATE	INSPECTIONS, ADJUSTMENTS, REPLACEMENTS, REPAIRS AND/OR ALTERATIONS
2003	EVERY REPAIR AND EVERY INSPECTION MUST BE ENDORSED BY A CERTIFICATED MECHANIC OR REPAIR FACILITY WITH NAME, RATING AND CERTIFICATE NUMBER
	TACH TIME 1253.0 TOTAL TIME 2449.2 TS 12081 629
	I CERTIFY THAT THIS AIRCRAFT ENGINE PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>Manual</u> INSPECTION HAS BEEN FOUND AIRWORTHY.
	Curtis E. Nichols 11 Apr 03 AIP 518-58-8948 IA
5/25/03	TACH READS 1262.4 REPLACED ALTERNATOR WITH OVERHAULED PRESTOLITE ALE-8520 SERIAL # D04118 GROUND RUN SATISFACTORY Curtis E Nichols AIP 518563948 FA
6/2/03	1274.7 Hrs CHANGED OIL PHILLIPS 20W50 OIL SCREEN OK Thom P 226620772

SEE PERTINENT FAR 91.161, 91.163, 91.165, 91.167, 91.169, 91.173, AND 91.175

226620772

ENG. SER.

NC

DATE	TACH. TIME	THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE AND CERTIFICATE NO.
2001					
27 MAY 01	1049.9			CHANGED OIL PHILLIPS 20W50 SCREEN OK REPLACED AIR FILTER ELEMENT BRACKET	<i>Thom S. Em</i> 226-620772 B-11
22 AUG 01	1074.9			CHANGED OIL PHILLIPS 20W50 SCREEN OK	<i>Thom S. Em</i> 226-620772
21 NOV 01	1099.6			CHANGED OIL PHILLIPS 20W50 SCREEN OK	<i>Thom S. Em</i> 226-620772
9 MAR 02	1119.2			DIPP Comp Check Completed with the following Results: #177 #278 #379 #477 over 80 Inp oil screen SAT. Inp Aligned Ground Tasted + Rotated spark plugs, Replaced LHT muffler PN K3-1493 P/H	<i>Thom S. Em</i> Curtis E. Nichols A11518563840

FORWARD TOTALS TO  
TOP OF NEXT LEFT PAGE

ENGINE LOG

DATE	INSPECTIONS, ADJUSTMENTS, REPLACEMENTS, REPAIRS AND/OR ALTERATIONS		
2002	EVERY REPAIR AND EVERY INSPECTION MUST BE ENDORSED BY A CERTIFICATED MECHANIC OR REPAIR FACILITY WITH NAME, RATING AND CERTIFICATE NUMBER		
	TACH TIME 1119.2	TOTAL TIME 2315.4	TSMOH: 195.2
	I CERTIFY THAT THIS AIRCRAFT <u>ENGINE</u> PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>ANNUAL</u> INSPECTION HAS BEEN FOUND <u>AIRWORTHY</u> .		
	<i>Thom S. Em</i>		9 MAR 02
	CURTIS E. NICHOLS AMP 616-52-9348 LA		
24/3/02	TACH 1124.9	CHANGED OIL PHILLIPS 20W50	SCREEN OK <i>Thom S. Em</i> 226-62-0772
2/6/02	TACH 1150.0	CHANGED OIL PHILLIPS 20W50	SCREEN OK <i>Thom S. Em</i> 226-62-0772

SEE PERTINENT FAR 91.161, 91.163, 91.165, 91.167, 91.169, 91.173, AND 91.175

ENG. SER.

NC

DATE	TACH. TIME	THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE AND CERTIFICATE NO.
27 MAY 00	948.4			PHILLIPS CHANGED OIL AEROSHIELD 20W50, SCREEN OK	Thom P. Lee 226-62-0772
7 SEPT 00	975.0			CHANGED OIL AEROSHIELD 20W50 SCREEN OK	Thom P. Lee 226-62-0772
2 DEC 00	1000.0			CHANGED OIL AEROSHIELD 20W50 SCREEN OK PHILLIPS	Thom P. Lee 226-62-0772
1 FEB 00	Tach Reads: 1012.7			Diff Pump Check Completed with following results # 179 # 278 # 379 # 478 OVAR 80 Insp cleaned Reinstalled Oil Screen, Insp cleaned, Gap and tested and Rotated spark plugs, Re-timed 114 mag TO 25° BTDC Engine Ground Run SAT	
				CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH INSPECTION HAS BEEN FOUND AIRWORTHY.	ENGINE PROPELLER TOTAL TIME 1208.9 754601
FORWARD TOTALS TO TOP OF NEXT LEFT PAGE				CURTIS E. NICHOLS AIP 510-00-3048 1-A	

TSMOT: 388.7

ENGINE LOG

DATE	INSPECTIONS, ADJUSTMENTS, REPLACEMENTS, REPAIRS AND/OR ALTERATIONS EVERY REPAIR AND EVERY INSPECTION MUST BE ENDORSED BY A CERTIFICATED MECHANIC OR REPAIR FACILITY WITH NAME, RATING AND CERTIFICATE NUMBER
2001	
3/3/01	TACH 1025.1 CHANGED OIL PHILLIPS 20W50 SCREEN OK Thom P. Lee 226-62-0772
20 MAY 01	Tach Reads 1043.8 Completed Top Overhaul, cleaned, Insp Cylinders, Re-lapped all valves to zero leak, Reinstalled cylinders with 44A NAW LW 75089 Pistons 44A SL7401-5C Rings SATs, 44A SL12032-5C Gasket SATs 44A STD-2180 Hoses, and 44A STD1196 Engine Ground Run SAT, Replaced 8RA RM4012 Spark Plugs, drained oil, Insp SPAN Reassembled 7Qts Phillips 20W50 engine Ground Run SAT Engine returned to service Curtis E. Nichols AIP 570563048

ENG. SER.

NC

DATE 1999	TACH. TIME	THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE AND CERTIFICATE NO.
2 JAN 00	926.6			IS MOT; 302.6 HRS Diff. Comp Check Complete & with following RESULTS #20 #270 #370 #479 OVERBDD Insp, cleaned and reinstalled with new Gasket Oil SCRAM. Insp, cleaned, Gapped and rotated spark plugs, reassembled and reinstalled CARB. AFTER verification of AD 93-19-04 (float data stamp 9-90 AD N/A), Reinstalled CARB MAT BOX AFTER C/W AD 90-01-06 (S. La Pina Varini) Visual and Looseness Check SAT, Reinstalled mufflers 26A AFTER C/W AD 80-21-06 External with shrouds removed and diff. Check SAT. C/W AD 75-17-16 (MAB MAT BOX CRACKS) Visual Insp SAT Replaced several SAT hoses to find and Reinstall MAT Boxes	
FORWARD TOTALS TO TOP OF NEXT LEFT PAGE					Curtis E. Nichols ATP 510563848 I/A

## ENGINE LOG

DATE 1900	INSPECTIONS, ADJUSTMENTS, REPLACEMENTS, REPAIRS AND/OR ALTERATIONS EVERY REPAIR AND EVERY INSPECTION MUST BE ENDORSED BY A CERTIFICATED MECHANIC OR REPAIR FACILITY WITH NAME, RATING AND CERTIFICATE NUMBER
	IS MOT; 302.6 HRS TACH TIME 926.6 TOTAL TIME 2122.8 I CERTIFY THAT THIS AIRCRAFT <u>ENGINE</u> PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH <u>ANNUAL</u> INSPECTION HAS BEEN FOUND AIRWORTHY Curtis E. Nichols ATP 510563848 I.A. 2 JAN 00
14 FEB 00	Tach Reads: 2319.0 Applied Automobile Fuel STC I/A/W STC SE 800GL (FAA Aviation Foundation) 562 337 Jh's DATA. Curtis E. Nichols ATP 510563848 I/A

SEE PERTINENT FAR 91.161, 91.163, 91.165, 91.167, 91.169, 91.173, AND 91.175

# ENGINE LOG

INSPECTIONS, ADJUSTMENTS, REPLACEMENTS, REPAIRS AND/OR ALTERATIONS  
EVERY REPAIR AND EVERY INSPECTION MUST BE ENDORSED BY A CERTIFICATED MECHANIC OR REPAIR FACILITY  
WITH NAME, RATING AND CERTIFICATE NUMBER

DATE  
19\_\_

T.T. Stephens

Date 6-1-99 Fach/Hobbs 922

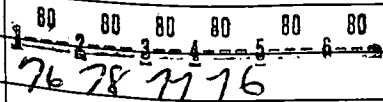
I certify that this B-25C  
has been inspected U/A/W a. 100 Hz

inspection and found to be in airworthy condition  
and is approved for return to service

Signature [Signature]

Certificate # A-1903676

Compression Test



STEPHEN BERNARDO, JR.  
A&P #1903676



# ENGINE LOG

DATE  
1997

INSPECTIONS, ADJUSTMENTS, REPLACEMENTS, REPAIRS AND/OR ALTERATIONS  
EVERY REPAIR AND EVERY INSPECTION MUST BE ENDORSED BY A CERTIFICATED MECHANIC OR REPAIR FACILITY  
WITH NAME, RATING AND CERTIFICATE NUMBER

6-9-97 Tach 624 A/C 1998

Inspected Engine INSTALLED  
& found to be in Airworthy Condition  
Ground Run Up & Leak CK. Oil.

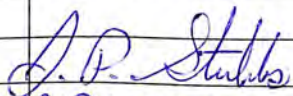
*[Signature]*  
A-P-905676

Engine INSTALLED in ~~Chassis~~ Below 76000  
S/N: 370-72 Reg # N289PS

*[Signature]*  
A-P-905676

ENG. SER.

NC

DATE 19 <u>97</u>	TACH. TIME	THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE AND CERTIFICATE NO.
<p>The following overhauled or reconditioned parts are installed:            78030 rods, 69444 &amp; 74636 rockers, 74097 camshaft, 74996 gears,            75158 idler shafts, 61155 crank gear, 0320 crankshaft SNR 30464-1 ground M.003            including SB 305A &amp; AD 91-14-22 &amp; SB 475B.</p>					
<p>The following used serviceable accessories were installed: MAS carb,            slick magnetos, alternator, slick harnesses, prestolite starter.</p>					
<p>All steel parts were magnafluxed and determined to meet overhaul            tolerances. engine cases inspected by dye-penetrant method.</p>					
<p>Weights of all internal reciprocating parts can be found in            engine build record files.</p>					
FORWARD TOTALS TO TOP OF NEXT LEFT PAGE				 AtP 227763036	

ENG. SER.

NC

DATE	TACH. TIME	THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE AND CERTIFICATE NO.
1981					
7-1-81			1790.8		
10-7				TOTAL TIME ON AIRCRAFT AND ENGINE	1820.2
				AD NOTE 81-18-04 DUE AT 2000 HRS	
				I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIR WORTHY CONDITION.	
				Wayne Pratt AI 2081022	
				JUNE 15 1982 REMOVED FROM AIR FRAME 9004L 76CBC S/N 240-70	
				Wayne Pratt AIP 2081022	

FORWARD TOTALS TO TOP OF NEXT LEFT PAGE

ENGINE LOG

DATE 1997

INSPECTIONS, ADJUSTMENTS, REPLACEMENTS, REPAIRS AND/OR ALTERATIONS  
EVERY REPAIR AND EVERY INSPECTION MUST BE ENDORSED BY A CERTIFICATED MECHANIC OR REPAIR FACILITY WITH NAME, RATING AND CERTIFICATE NUMBER

6-5-97 AC Total time 1998 - Tach reads 624  
Engine total time 1820.2 Engine TSOH - 0 -  
**MAJOR-ENGINE-OVERHAUL**  
This engine was overhauled in accordance with Lycoming direct drive overhaul manual dated Dec. 1972 and SB240N dated 11-20-95. The following new parts were installed:  
78528 oil pump housing, 05K19423-S oil pump gear kit, AL61174 oil pump drive shaft, LWB584-m03 main bearings, SL11020-m03 main bearings, SL61662-m03 rod bearings, 41 millenium SL32004-A21P cylinder assys SN32WD-3174, 3175, 3179, 3182, SL13444-1 piston pins w/pluss, SL78027 rod bolts, SL12186 rod bolts, SL78290 lifters, 15B2139 sockets, 8 15F1995714 push rods, new pistons and rings, all new seals, gaskets, hoses, lock plates and miscellaneous nuts & bolts.

Continued.



ENG. SER.

NC

DATE	TACH. TIME	THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE AND CERTIFICATE NO.
19 79					
8-15				TOTAL TIME 1595.9	
				SMOOTH 1595.9	
				ANNUAL DUE 1-1-80	
				ELT DUE	
				100 HOUR DUE 1626	
12-3-79				TOTAL TIME AIR PATROL	
				AIRCRAFT 1606.75	
				ENGINE 1606.75	
FORWARD TOTALS TO TOP OF NEXT LEFT PAGE					

ENGINE LOG

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DATE	INSPECTIONS, ADJUSTMENTS, REPLACEMENTS, REPAIRS AND/OR ALTERATIONS
19 80	
3-6-80	Inspection completed
	ELT BATTERY DUE APRIL 28, 1980
	REMOVED AIR FILTERS FOR INSPECTION FOUND TO BE OK. CLEANED FUEL AND OIL SCREENS. CHANGED OIL COMPRESSION CHECK #1 69/80 #2 78/80 #3 63/80 #4 72/80
	I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.
	TOTAL TIME 1606.75 TACH READING 1606.75
	SIGNED [Signature] A & P NO. 22062



ENG. SER.

NC

DATE 19__	TACH. TIME	THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE AND CERTIFICATE NO.
				10-01-77 Tach 1425.9 hrs. Checked Compression - #1 - 70/80 #2 74/80 #3 72/80 #4 - 73/80. Changed oil, checked oil screw, cleaned fuel filter. Checked mag timing + points, starter brushes cleaned & cap spark plugs & clean & point Eng magnet.	
				I CERTIFY THAT THIS <u>eng</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>100hr</u> INSPECTION AND FOUND TO BE IN AIRWORTHY CONDITION.	
				H. Frank Pope AIP 1986297	
FORWARD TOTALS TO TOP OF NEXT LEFT PAGE					

ENGINE LOG

DATE  
19\_\_

INSPECTIONS, ADJUSTMENTS, REPLACEMENTS, REPAIRS AND/OR ALTERATIONS  
EVERY REPAIR AND EVERY INSPECTION MUST BE ENDORSED BY A CERTIFICATED MECHANIC OR REPAIR FACILITY  
WITH NAME, RATING AND CERTIFICATE NUMBER

I CERTIFY THAT THIS ENG HAS BEEN INSPECTED  
IN ACCORDANCE WITH A ANNUAL INSPECTION AND  
FOUND TO BE IN AIRWORTHY CONDITION.

Tach 1425.9

Oct. 1, 1977

Kenneth L. Atkinson IA 1358424

ENG. SER.

NC

DATE 19__	TACH. TIME	THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE AND CERTIFICATE NO.
				Oil changed Oil Screen pulled Cleaned Gapped spark plugs Comp Check $\frac{1}{16}$ $\frac{3}{16}$ $\frac{1}{4}$ Carb Screen Insp - Fuel Filter Insp Install Oil Seal Steerer & Slingshot Rt Mag C/w AD 74-26-9 Lt Mag by installing New Bushing Checked AD To Base	
				Eng I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>Annual</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. TOTAL TIME <u>1126</u> TACH. READING <u>1126</u> Lennie C. Ing. I A NO 2263802	

FORWARD TOTALS TO  
TOP OF NEXT LEFT PAGE

ENGINE LOG

DATE 19__	INSPECTIONS, ADJUSTMENTS, REPLACEMENTS, REPAIRS AND/OR ALTERATIONS EVERY REPAIR AND EVERY INSPECTION MUST BE ENDORSED BY A CERTIFICATED MECHANIC OR REPAIR FACILITY WITH NAME, RATING AND CERTIFICATE NUMBER
8/17/74	Tach Time 1329.29
	I CERTIFY THIS AIRCRAFT/ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>100 HR</u> ANNUAL INSPECTION, AND IS DETERMINED TO BE IN AN AIRWORTHY CONDITION.
	TACH. T. <u>1329.29</u> DATE <u>8/17/74</u>
	Compression Check 72/80 74/80 76/80 78/80 Changed oil checked screen serviced with Aero Shell 50W. Replaced Points and Conds. Left Mag installed sh 251 Carb Alt Air Valve
	E. J. Dell 1A 1201437



ENG. SER.

DATE 19__	TACH. TIME	THIS FLIGHT	TOTAL TIME	REMARKS	NC SIGNATURE AND CERTIFICATE NO.
				<b>AERO INDUSTRIES - BYRD AIRPORT</b> <b>RICHMOND, VA. CRS 4260</b>	
				<i>Eng</i> <b>Aircraft identified herein was</b> <b>inspected in accordance with</b> <b>100 hr inspection</b> <b>and found to be air worthy for</b> <b>return to service. pertinent</b> <b>details of inspection on file</b> <b>at this agency under work order</b> <b>no. 1208243 A/C Time 977.17</b>	
				<b>Date 12-9-74</b>	
				<b>Signed <i>[Signature]</i></b> <b>Inspector</b>	
FORWARD TOTALS TO TOP OF NEXT LEFT PAGE					

## ENGINE LOG

DATE  
19\_\_INSPECTIONS, ADJUSTMENTS, REPLACEMENTS, REPAIRS AND/OR ALTERATIONS  
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*Oil changed 11/6/74 Tach 957.0*  
*Oil changed 12/29/74 Tach 994.0*

ENG. SER.

NC

DATE	TACH. TIME	THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE AND CERTIFICATE NO.
12-31-73	759.2			TOTAL TIME ON ENGINE	759.2
2-1-74	791.87	/	791.87	CHANGED OIL, CLEANED FILTERS, REMOVED MINOR NICKS FROM PROP, REPLACED SPARK PLUGS, TIGHTENED OIL FILLER STANDPIPE, WELDED MUFFLER SHROUD, REPLACED R/H MUFFLER, REPLACED SCAT HOSE, REPLACED ALL EXHAUST GASKETS, RUN UP ON GROUND 15.	
<p>I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100HR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.</p> <p>TOTAL A/C TIME <u>791.87</u> TACH. READING <u>791.87</u></p> <p>SIGNED <u>[Signature]</u> A &amp; P NO. <u>1892715</u></p>					

FORWARD TOTALS TO TOP OF NEXT LEFT PAGE

ENGINE LOG

DATE 19\_\_

INSPECTIONS, ADJUSTMENTS, REPLACEMENTS, REPAIRS AND/OR ALTERATIONS  
 EVERY REPAIR AND EVERY INSPECTION MUST BE ENDORSED BY A CERTIFICATED MECHANIC OR REPAIR FACILITY WITH NAME, RATING AND CERTIFICATE NUMBER

APPROVED BY: [Signature] UNTS AIRPORT  
RICH... GRS 4260

A: Eng.

Annual

no. 4439148  
Annual

A/C Time 883.43

Date 8-1-74

Signed [Signature]  
Inspector

Inspector

ENG. SER.

NC

DATE 19__	TACH. TIME	THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE AND CERTIFICATE NO.
				<i>Date 3-18-72 523hr. Cleaned &amp; gapped spark plugs checked timing &amp; compression all cyl 74-76 over 80.</i>	
				I CERTIFY THAT THIS <i>Engine</i> HAS BEEN INSPECTED IN ACCORDANCE WITH A <i>10hr.</i> INSPECTION AND WAS FOUND TO BE IN AIRWORTHY CONDITION.	<i>ACF 1565254 LaVern Frisen</i>
FORWARD TOTALS TO TOP OF NEXT LEFT PAGE					

ENGINE LOG

INSPECTIONS, ADJUSTMENTS, REPLACEMENTS, REPAIRS AND/OR ALTERATIONS  
 EVERY REPAIR AND EVERY INSPECTION MUST BE ENDORSED BY A CERTIFICATED MECHANIC OR REPAIR FACILITY  
 WITH NAME, RATING AND CERTIFICATE NUMBER

AERO INDUSTRIES - BYRD AIRPORT  
 RICHMOND, VA. CRS 4260

*Eng*  
 Aircraft identified herein was inspected in accordance with **ANNUAL** inspection and found to be airworthy for return to service. Pertinent details of inspection on file at this agency under work order no. 9458 A/C Time 650

Date 7/26/73

Signed *Floyd F. [Signature]*  
 Inspector

ENG. SER.

NC

DATE 19__	TACH. TIME	THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE AND CERTIFICATE NO.
Date 5-21-71			305 hrs.	Changed oil cleaned screens, Aero Shell 50, checked and gapped spark plugs. checked timing & compression returned both props.	
I CERTIFY THAT THIS <u>Engine</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>100 hr.</u> INSPECTION AND WAS FOUND TO BE IN AIRWORTHY CONDITION.				<u>Lo Vern Frisen</u>	<u>A &amp; P 1565754</u>
Date 6-21-71			Tach 335	Changed oil Aero Shell 50 washed engine serviced battery & timing	<u>Lo Vern Frisen</u>
Date 7-25-71			Tach 373	Changed oil Aero Shell 50	<u>Lo Vern Frisen</u>

FORWARD TOTALS TO TOP OF NEXT LEFT PAGE

ENGINE LOG

INSPECTIONS, ADJUSTMENTS, REPLACEMENTS, REPAIRS AND/OR ALTERATIONS  
 EVERY REPAIR AND EVERY INSPECTION MUST BE ENDORSED BY A CERTIFICATED MECHANIC OR REPAIR FACILITY WITH NAME, RATING AND CERTIFICATE NUMBER

DATE 19__	INSPECTIONS, ADJUSTMENTS, REPLACEMENTS, REPAIRS AND/OR ALTERATIONS
Date Sept. 13, 1971	Cleaned & gapped spark plugs. Checked oil screen, changed oil Aero Shell 50, Washed Engine
I CERTIFY THAT THIS <u>Engine</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>100 hr.</u> INSPECTION AND WAS FOUND TO BE IN AIRWORTHY CONDITION.	
	<u>Ronnie Decker</u> <u>A &amp; P 1721148</u>
Date 10-4-71	Tach 431 Changed oil Aero Shell 50
	<u>Lo Vern Frisen</u>
11-16-71	Tach 489 Changed oil Aero Shell 40
	<u>Lo Vern Frisen</u>

ENG. SER.

NC

DATE	TACH. TIME	THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE AND CERTIFICATE NO.
1970					
2-12	—	—	1:00	Production Flight Test	
					W.A. Flickinger, 1414090
4-8	48 hrs			oil change screw shell 40 washed engine	Ralph Sawatzky
				Changed oil screw shell 50 cleaned screen cleaned & gapped spark plugs checked timing & compression.	
				Date 6-20-70 Total Aircraft Time 100 hrs I certify this engine has been inspected in accordance with a 100 hr inspection and was determined to be in airworthy condition.	
				Signature La Verne Friess A&P No. 1565754	Enid Air Inc - Enid Okla.

FORWARD TOTALS TO TOP OF NEXT LEFT PAGE

ENGINE LOG

DATE	INSPECTIONS, ADJUSTMENTS, REPLACEMENTS, REPAIRS AND/OR ALTERATIONS
19__	EVERY REPAIR AND EVERY INSPECTION MUST BE ENDORSED BY A CERTIFICATED MECHANIC OR REPAIR FACILITY WITH NAME, RATING AND CERTIFICATE NUMBER
Date 12-8-70	169 hrs. Changed oil screw shell 40 washed engine La Verne Friess
Date Jan 20, 1971	Total Aircraft Time 200 hrs. I certify this engine has been inspected in accordance with a 100 hr inspection and was determined to be in airworthy condition. Signature Ronnie L. Decker A&P No. 1721148
2-25-71	Tach 237 hrs. Changed oil screw shell 40 washed engine Ralph Sawatzky
2-25-71	237 hrs. Installed inverted oil system separator according to Champion aircraft drawing # 7-1302. La Verne Friess A&P 1565754

ENG. SER.

# ENGINE LOG

~~N9004L~~

## DESCRIPTION

N289 PS (6/97)

ENGINE MFG.

*Lycoming*

MOD.

O-320-A2B SER. L-27640-27A

**RPM**

**BPH**

**MANIFOLD PRESS.**

NORMAL \_\_\_\_\_ NORMAL \_\_\_\_\_ NORMAL \_\_\_\_\_

MAX. \_\_\_\_\_ MAX. \_\_\_\_\_ MAX. \_\_\_\_\_

**OIL**

**FUEL**

**IGNITION**

CAP. GALLONS \_\_\_\_\_ OCTANE MIN. \_\_\_\_\_ MAGNETO TIME \_\_\_\_\_

GRADE SUMMER \_\_\_\_\_ OCTANE MAX. \_\_\_\_\_ MAG. POINT GAP \_\_\_\_\_

GRADE WINTER \_\_\_\_\_ OCTANE REC'D \_\_\_\_\_ SPARK PLUG GAP \_\_\_\_\_

FIRING ORDER \_\_\_\_\_

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