

DATE 19__	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.)
1-23-71	TACH	1769.1		OVERHAULED LEFT MAGNETO REPLACED COIL, COND, POINTS, DIST. BLOCK, BEARINGS, SHAFT SEAL AND LARGE DISTRIBUTOR GEAR. E.B. McKeel A&P 1948542
6/71	1771.2	oil changed		

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3/23/71	TACH 1772.2			THIS ENGINE WAS MAJOR O/H THIS DATE IN COMPLIANCE WITH LATEST CONTINENTAL SERVICE INFORMATION & INSTRUCTIONS. ENGINE TORN DOWN AND INSPECTED. THE FOLLOWING PARTS WERE REPLACED OR O/H. CYLINDERS RECONDITIONED BY PIEDMONT AVIATION GROUND TO .015 G/S. CRANK SHAFT MAIN & ROD JOURNALS GROUND TO .010 UNDERSIZE. INSTALLED NEW MAIN & ROD BEARINGS, NEW PISTONS & RINGS, NEW CAM SHAFT AND ALL OTHER STEEL PARTS MAGNUFLUXED. OVER HAULED RIGHT MAG. STARTER, GENERATOR & CARBURETER. ENGINE RUN ON GROUND AND CONSIDERED AIR WORTHY FOR RETURN TO SERVICE.
				E. B. McHale AIP 1948542

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9/30/72	10/1/72	1794.1	100hr insp performed this date, details of SMON 21.9 this insp on file this agency under 100307. Engine serviced with Gulf 20/40 AD. APPALACHIAN FLYING SERVICE, INC. BOX 366 TRI-CITY AIRPORT BLOUNTVILLE, TENNESSEE 37617			
COMPRESSION TEST.				I CERTIFY THAT THIS <u>Engine</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>100hr</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. <u>21.95 MON</u> TOTAL TIME <u>1794.1</u> DATE <u>10/1/72</u> SIGNED <u>[Signature]</u> LONNIE A. PHILLIPS A & P 1639737 I.A.		
1	2	3	4		5	6
75	76	74	75		78	
80	80	80	80		80	80
DIFFERENTIAL AIR						

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TACH Time 1809:6
OIL Changed WITH 20/40 AD
GULF

ENTERED OCT 20 1972

TOTAL TIME 1820.6 (48.4 SMOH)

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED
IN ACCORDANCE WITH A 100 HOUR INSPECTION AND
WAS DETERMINED TO BE IN AIRWORTHY CONDITION.
PERTINENT DETAILS OF THIS INSPECTION ARE ON FILE
AT THIS AGENCY UNDER LOG # 4372

DATE

ENTERED OCT 20 1972

SIGNED

J. M. Miller
APPALACHIAN FLYING SERVICE, INC.
TRI-CITY AIRPORT

BLOUNTVILLE, TENNESSEE 37617
REPAIR STATION NO. 301

COMPRESSION TEST

1	2	3	4	5	6
78	77	76	77	75	75
80	80	80	80	80	80

DIFFERENTIAL AIR

See A/C log for AD compliance
Oil changed & Screen checked Gulf 20/40AD

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1844.0

OIL CHANGED GULF 20/40 AD

1861.0

OIL CHANGED GULF 20/40 AD

ENTERED NOV 9 1973

TOTAL TIME 1876.4 (1042.5 HOUR)

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED
IN ACCORDANCE WITH A 100 HOUR INSPECTION AND
WAS DETERMINED TO BE IN A GOOD CONDITION.
PERTINENT DETAILS OF THIS INSPECTION ON FILE
AT THIS AGENCY UNDER WORK ORDER NO. 6270.

DATE ENTERED NOV 9 1973

SIGNED Billie B FOR

APPALACHIAN FLYING SERVICE, INC.

TRI-CITY AIRPORT

BLOUNTVILLE, TENNESSEE 37617

REPAIR STATION NO. 361

COMPRESSION TEST

1	2	3	4	5	6
76	72	75	73	72	70
80	80	80	80	80	80

DIFFERENTIAL AIR

OIL CHANGED SCREEN CHECKED GULF 20/40 AD

[illegible]

[illegible]

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				AIR/SHANNON - SHANNON AIRPORT FREDERICKSBURG, VIRGINIA I certify that this <u>Eng</u> has been inspected in accordance with a <u>ANW</u> inspection and was determined to be in an airworthy condition Eng <u>T.T.A.C.T.T.</u> <u>1945</u> <u>Truck Time</u> Date <u>12-11-74</u> A. D. Notes through Pertinent details on file at this agency under work order No. <u>3564</u> F. A. A. Repair Station No. 1048 Authorized signature <u>Joseph E. Payton</u>

[illegible]

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT ENG	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.) QUAKER STATE RD
I certify that this aircraft has been inspected in accordance with a checklist <u>ANNEX 1</u> Inspection and was determined to be in airworthy condition.				
Date <u>MAR 14-76</u>	Time In Service <u>1063.5</u>			① Changed oil + checked screens ② cleaned + gapped plugs ③ checked mags + timing ④ checked exhaust system PK. ⑤ checked
<u>William R Howard</u>	<u>ATP 1047019</u>	<u>IP</u>		starter + generator brushes ⑥ drained Carb fuel bowl ⑦ checked eng mount ⑧ changed Carb air filter ⑨ checked
<u>Mechanic</u>	<u>No</u>			Comps #1 $7\frac{1}{2}$ #2 $7\frac{3}{8}$ #3 $6\frac{5}{8}$ #4 $7\frac{1}{8}$ #5 $7\frac{3}{8}$ #6 $7\frac{5}{8}$ ⑩ checked
+ checked Prop ⑪ Swapped #6 cyl Push rod housings ⑫ checked APP AD's				
(13) Turned up eng Operation & flt test PK				

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				Ohio Valley Aviation Wheeling, West Virginia (304) 277-4050 I Certify That This Engine has been inspected in accordance with an 100 hr inspection and was determined to be in airworthy condition. 9 June 77 Tach. Time <u>2078.7</u> Total Time <u>2078.7</u> Larry E. Harris AIP 294 346058

DATE 19__	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.)
				This is to certify that this Aircraft and or Power Plant have been inspected in accordance with a Annual Inspection and was found Airworthy. Tac <u>2078.7</u> A. D.'S To OK <u>77-10</u> Total Time Airframe <u>2078.7</u> Total Time Power Plant <u>2078.7</u> Time Since Major Overhaul <u>030645</u> Franklin C. Wilson IA 1589-00 Toledo, Ohio 43932 Date <u>9 JUNE 1977</u> Phone 216-221-2819 <i>Franklin C. Wilson</i>

DATE 19__	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.)
				Ohio Valley Aviation Wheeling, West Virginia (304) 277-4050
				I Certify That <u>5111 Engine</u> - has been inspected in accordance with an <u>Annual</u> inspection and was determined to be in airworthy condition. 25 June 79.
				Jack. Time <u>2082.8</u> . Total Time <u>2082.8</u> TTS MOH 0410.6 hrs
				① Comp CK. #1 74/80 #2 74/80 #3 74/80 #4 64/80 #5 77/80 #6 77/80
				② Replaced All screws in Prop spinner.
				③ Retorqued Nut #2 lead at mag.
				④ Replaced Ball Joint Type Rod End on the H/c control with regular Roller Ball rod end. ops OK OK
				Lesley E O'Harris AIP 294 346058 IA

DATE

19__

RECORDING

TACH
TIMETODAYS
FLIGHTTOTAL
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.)

This is to certify that this Aircraft and or Power
Plant have been inspected in accordance with a
Annual Inspection and was found Airworthy.

Tac 2154.8 A. D.'S To OK 80.2 Total Time

Airframe 2154.8 Total Time Power Plant

2154.8 Time Since Major Overhaul 0382.6

Franklin C. Wilson IA 1589043 Irondale, Ohio 43932

Date 3 July 1980 Phone 216-532-2819

DATE 19__	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.)
			①	This is to certify that this Aircraft and or Power Plant have been inspected in accordance with a Annual Inspection and was found Airworthy. Tac <u>22 64.3</u> A. D.'S To OK <u>81-7</u> Total Time Airframe <u>22 64.3</u> Total Time Power Plant <u>22 64.3</u> Time Since Major Overhaul <u>0493.1</u> Franklin C. Wilson IA 1589043 Irondale, Ohio 43932 Date <u>5 MAY 1981</u> Phone 216-532-2819
			②	ELT BAT DUE JUNE 1983 Franklin C. Wilson
5-5-81			2264.3	Remove #4 cylinder, Piston. Send To Clyde- sdale For overhaul And reInstall BACK ON CRANKCASE. See TAG ATTACHED. COMP. CK #1 ⁶⁵/₈₀ #2 ⁶⁵/₈₀ #3 ⁶⁵/₈₀ #4 ⁶⁶/₈₀ #5 ⁶⁶/₈₀ #6 ⁶⁷/₈₀.
- NEXT PAGE -				

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19 <u>81</u>				AD 78-09-07 c/w by removing magnetos FROM ENGINE AND INSPECTING IN ACCORDANCE WITH Bendix service Bulletin N 425A. INSTALL BACK ON ENGINE & RETIME.	
				Alexander M Jadzinski AEP 194421263.	
5-30-81	Tach Time 2275	hrs	Removed LH Magnetos (oil seal Leaking) Replaced Oil seal & Magnetos Flange Gasket. Retimed MAG & brod Test Engine for performance Checked OK.	Reginald H. H. AEP 1879	
	Pulled Compression	Checked	Eng Hot		
#1/22/80	#2 62/80	#3 68/80	#4 65/80	#5 70/80	#6 75/80

[illegible]

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1982				

670-82 A/C Total Time 2332 Hr Engine Total Time 2332 Hr
560 Hrs smooth 68 Hrs Flown since Last Annual
Removed oil screen, inspected & cleaned & Reinstalled
Prained Oil Refilled Engine 8qt Exxon EG 100 50wt
Oil, Cleaned, Gaped & Rotated Spark Plugs.
Check Magneto timing, Cleaned Carb & Fuel
Filter, Inspected Air Filters & Exhaust sys
Inspected Engine Mount, Inspected Prop.
Pulled Compression Check. #1 70/72 #2 72/72
#3 68/60 #4 68/60 #5 70/60 #6 68/60
Check AD's thru 82-11
No AD's Due at this
time. See AD List & A/C
log for AD compliance
Gad tested Engine for
Oil Leaks & Performance
Check OK

Dated: 6-18-82

I certify that this aircraft has been
inspected in accordance with a ~~check~~ Annual
inspection and found to be in airworthy
condition.

Total time 2332 Hr 560 smooth

Signed: Roger D. [Signature]

A & P DA1825594

DATE 19__	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.)
10-1-82			2343 Hrs	Tach Time Removed Starter inspected, cleaned & Reinstall-d. Gnd Tested Eng for Starter Operation. Check OK By L. J. H. A. P. 1895594
10-1-82			2343 Hrs	Tach Time ch AD 82-2001 Bendix MAGNETO use w/a MAGNETO total time since overhaul 571 Hrs. By L. J. H. A. P. 1895594
12-1-82			2351 Hrs	Tach Time Change Oil & Clean Screen, Refilled Engine & f EXXON EE 40wt Oil. Gnd Tested for Leaks, Check OK By L. J. H. A. P. 1895594

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6-25-83	A/C T.T. 2374			602 SMOH Tack Time 2374 Ev. 602 SMOH DRAIN Oil, Clean Screen, Refill 8 qt Exxon EE 100 50 wt Oil. Comp. Check. (Eng. Hot) #1 73/80 #2 74/80 #3 68/80 #4 72/80 #5 74/80 #6 71/80 + rotated spark plugs. DRAIN CARB Bowl. Check Mag Timing, Insp. Start & Gen., Check Prop & Attachment Bore scope Engine Cyl. Repair RH Exhaust Stroud. Insp. Mufflers Check AD's 83-11 Thru 83-11 AD 78-09-07 R3 Bend Due Insp 2764 Hrs. C/W AD 82-20-01 Bendix Mag N/A B. Mag Hrs. See AD list Back of A/C Log. Cord Tested Eng for Leaks & Performance Check OK
				Dated: 6-25-83 I certify that this aircraft has been inspected in accordance with a <u>Manual</u> inspection and found to be in airworthy condition. Total time <u>A/C T.T. 2374</u> <u>602 SMOH</u> Signed: <u>2374 Tack</u>

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7-25-83				A/C Tach Time 2382 Hr. Replaced all spark Plugs with Champion REM 40E spark Plugs. Removed Air Filter, 14 stall Factory New Brackett Air Filter Assy. Grd Tested Engine for performance check OK. By L. H. H. ATP 1895594
11-13-83				2408 HRS TACH TIME - DRAINED OIL & REPLACED WITH 8 QUARTS EXXON EE 80 (SAE 40) OIL. TESTED FOR LEAKS. CHECKED ON Rosa A. White

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7-10-84	ALG T.T.	2426 hr	Tach 2426 hr	654 SMOH
				Drained Oil & Cleaned Main Oil Screen
				& Suction Screen. Refilled Engine & EXCOV
				EE100. 50wt Oil. Compression Check (Engine
				Cold) #1 75% #2 75% #3 75% #4 75% #5 75% #6 75%
				Checked Magnet timing. OK. Cleaned Checked
				GAP And Rotated Spark Plugs. Inspected
				Exhaust Sys. For Leaks. Inspected Engine
				Mount Assy. ADIS Check Then 84-11 For AD
				Compliance See AD List Back of Aircraft
				Logbook. Engine was inspected as per Periodic
				100 Check List. Load Tested Engine For 10-84
				Leak's & Performance
				For AD Compliance
				See AD List Back of
				Aircraft Log Book
				I certify that this aircraft has been
				inspected in accordance with a (name)
				inspection and found to be in airworthy
				condition.
				Total time 2426 654 SMOH
				Signed: ALG 10/6/84
				A & P 704189594

DATE 19 <u>87</u>	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.)
10-6-87				AC Tach Time 2438 Hrs. Chk STC SE2006CF Add the following Approved Fuel: unleaded automotive gasoline, 87 min. Antiknock index or leaded automotive gasoline, 88 min. Antiknock index (PONTMON)/2, per ASTM Specification D-439, intermixing with aviation gasoline also approved. Adjust idle RPM 2000 RPM max. install idgt. Tach. Added STC info to Flight Manual Good tested OK. (Chk Log DA185559)
11/24/87	2445.3			HOURS TACH TIME - DRAINED OIL & REPLACED WITH EXXON EE80 (SAE 40) 8 QUARTS. CHECKED FOR LEAKS - NONE
				Rosa A. White
				1274085

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8-3-88	A/C	T	2487 Hr	Tack 2487 Hr Eub 715 Hr
SMOOTH	61 Hr			Since last Annual Insp.
DRAINED	OIL			Cleared Screen. Refilled Engine
78%	Penshell	15W50	OIL	Comp Check #178 #276 #378
44%	80	5	78%	Cleared Capped & Rotated Spark
Plugs				Inspected Air Filter, Check Magneto
Timing	OK			Check Accessories Inspected
Propeller				& Ailed Blades. Reposition #5 Cyl
Push-Rod				Housing Rubbing. Check & Lub Oil
Eub				Controls. Aids Check Thru 88-14
For AD				Compliance See AD list Back of
Houcraft				& Logbook AD 84-26-02 PCW Breakeff
Air Filter				Installed.
				Dated: 8-3-88 Engine
				I certify that this aircraft has been
				inspected in accordance with Annual
				inspection and found to be in airworthy
				condition.
				Total time 2487
				Signed: R. Wiley

DATE 1986	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.)
9-4-86	A/C T.	T. 2544 Hr	TACH 2544 Hr	ENG T-T 2544
	Smo H 772 Hr.	5 Hrs	Since Last Annual / Insp. f/w Annual	-100 Hr Insp Check List. Drained Oil, Cleaned Screen
	Filled Engine	89 + 15 WSO Oil.	Comp Check (Cold)	#1 7/80 #2 7/80 #3 7/80 #4 7/80 #5 7/80 #6 7/80
	Cleaned Gaped &	Rotated Spark Plugs.	Checked Magneto Timing	Inspected All Accessories, Inspected Exhaust System.
	Inspected Propeller Assy.	AD's Checked Then	86-16. f/w AD 84-26-02 Air Filter Insp. For AIS	Compliance See AD List Back of A/C Log book
	Good or Check Leaks & Performance	Gates for Torque		
	Dated:	9-4-86		
	I certify that this	Engine Aircraft	has been	inspected in accordance with annual inspection and found to be in airworthy condition.
	Total time,	2544 Hrs	772 Smo H	
	Signed:	Roger L. Kelly		
	A & P	DAL895584		

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.)
5-1-87				ACT. T2564.2 Hr Tach 2564.2 ENB T.T. 2564.2 791.8 smoth. #4 Cylinder Exhaust Valve Leaking Removed #4 Cyl. Resealed By lapping Both Intake & Exhaust Valves to Valve Seats (Faced Both Valves By Grinding) Reinstalled Cylinder with new Base Gasket. All work was done i/s/w MFLS Practices & Procedures. Grd Operational Completed For Engine Oil Leaks & Performance check OK Comp Check #4 Cyl (Hot) 74/80

MAINTENANCE RELEASE

Aircraft and/or component identified
above was repaired and inspected in
accordance with current FAA regulations
and found airworthy for return to service.
Repair details are on file at this agency.

Under Work Order No. 001572

Date 5-1-87 Signed *Reginald Kelly*

KCI AVIATION

P. O. Box 849, Bridgeport, WV 26330
FAA Cert. No. 122-28

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8/25/87	TACH 2584.8			REMOVED STARTER AND DELIVERED TO KCI AVIATION FOR CLEANING AND SERVICE. 8/30/87 REINSTALLED STARTER, SAFETY WIRED AS BEFORE AND CHECKED FOR PROPER OPERATION. OK REPLACED WORN ENGINE BAFFLE MATERIAL. EVERYTHING NORMAL ON TEST FLIGHT.
				Ross A. White 1274085
9-24-87	2586.2 TACH	2586.2	A/C TT	813.8 SMOH 42 HRS since last Annual
				This Engine has been inspected in accordance with an Annual inspection and determined to be in airworthy condition. Work performed as follows:
				Drained oil & clean screens & serviced engine w/ign amashell 15W50. Removed, cleaned, Happed, Rotated & Reinstalled Spark Plugs. Completed Compression check
				net #1 $\frac{75}{80}$ #2 $\frac{75}{80}$ #3 $\frac{75}{80}$ #4 $\frac{74}{80}$ #5 $\frac{78}{80}$ #6 $\frac{78}{80}$
				Replaced Cabin Heat duct Replaced Carb. Heat duct
				Replaced all 8 Prop Belts. NEXT PAGE →

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Continued -				c/w AD 76-07-12 Mag Switch Port off for additional Compliance see AD list in back of Airframe log book. Owner Replaced Brackett air filter w/ BAC108. Ground Run & functionally checked engine for leaks and Performance. No Defects found. All work accomplished I/A/w Manufacturer's Practices & Procedures. AD's RESEARCH c/w THRU 87-18
				KCI AVIATION, FAA Approved Repair Station #122-28 Benedum Airport, Bridgeport, W. Va. Steve Cutchfield, Super. Authorized Signature DATE 24 Sept 1987 W. O. CAC001808
6/13/88	TACH TIME	2605.0		REMOVED GENERATOR AND DELIVERED TO KCI AVIATION FOR CLEANING AND SERVICE REINSTALLED GENERATOR 6/16/88 AND GROUND TESTED FOR PROPER OPERATION. EVERYTHING CHECKED OK.

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25 Aug 88				Replaced Fuel W/ M630272 and #6 cylinders Bottom. and Low OK All work done per manufacture practices and procedures. KCI AVIATION, FAA Approved Repair Station #122-28 Benedum Airport, Bridgeport, W. Va. <i>Shirley A. White</i> ^{CFR} Authorized Signature DATE <u>25 Aug 88</u> W. O. <u>2517</u>
8/28/88				Replaced ELT Battery - TESTED OK <i>Ross A. White</i> 1274085



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.)
10/1	2623.8			THIS <u>Eng. & Prop</u> HAS BEEN INSPECTED IN <u>ENGINE</u>. Drained oil, cleaned screens, checked & cleaned spark plugs. ACCORDANCE TO A <u>Annual</u> Checked compression, checked fuel system, drained sumps, checked <u>starter and accessories</u>, checked <u>mags and timed properly</u>. Checked <u>prop for leaks and grease</u>. Functionally checked engine, BE IN AIRWORTHY CONDITION. DATE <u>10/1-88</u> TOTAL TIME <u>2623.8</u> <u>TSO: 851.4</u> AD's RESEARCH c/w THRU <u>88-19</u> See list in #1 c log. <u>Comp. @: #1-77/80; #2-65/80; #3-78/80; #4-75/80; #5-79/80; #6-76/80.</u> <u>Serviced engine w/ 7qt. Aeroshell 15W50. All maint. performed.</u> <u>I/A/w mfg. Rec. practices & procedures. 37.6 hrs since last annual</u> KCI AVIATION, FAA Approved Repair Station #122-28 Benedum Airport, Bridgeport, W. Va. <u>Steve Crutcherfield, Super.</u> Authorized Signature DATE <u>10/1-88</u> W. O. <u>2630</u>

DATE 19 <u>89</u>	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)
9-15-89	TACH: 2652.7	C/W	100 hr.	Insp. I/W AD 84-26-02 Installed new Element + Insp screen. Replaced Flex. Fuel Line From Bowl to CARB. checked for leaks o.k. Replaced spinner Balkhead w/ new part. Replaced #1, #3 #5 exhaust gaskets. Comp. #1 74 #2 71 #3 72 #4 68 #5 72 #6 73. Cleaned Eng. Operational test satisfactory, post run up insp. O.K. ASD by A+ 269435 026
				DATE <u>15 Sept 89</u> TOTAL TIME <u>2652.7</u> I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>Periodic</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. ANNAPOLIS AERO SERVICE <u>[Signature]</u> AUTHORIZED INSPECTOR <u>16001261A</u>
2-5-90	TACH TIME			2674.5 DRAINED OIL, CLEANED SCREEN SERVICED WITH 8QTS 15W-50 AEROSHOCK A/C RUN UP AND LEAK CHECK O.K.

P-212903988 [Signature]

DATE 19 <u>90</u>	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.)
7/3/90	26 2695.8			DRAINED OIL, CLEANED SCREEN SERVICED WITH 7 QTS AEROSHELL 15W-50 RUN UP AND LEANED CHECK OK. FOR RETURN TO SERVICE <i>[Signature]</i> P212903988
				The aircraft identified above was inspected IAW the instructions and procedures for..... on Annual Inspection..... and a signed and dated list of the defects, if any, found during the inspection was given to the owner or operator of the airplane. Signature..... <i>[Signature]</i> Date.....9/12/90.....Total time, or hobs.....2709.4 Repair station or Mechanic certificate number.....A-P216888993 IA <i>(over)</i>

DATE 19 <u>90</u>	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.)
9/12	2709.4			Cerana N5895A was found to have the following unworthy condition: 1. Oil screen full of metal contaminants 2. Prop seal loose 3. Both mufflers have distorted baffles James J. Southin A-P 211688993-IA
	Note: Oil Screen not oiled No oil in Engine			
10/9/90	2709.4			REMOVED ENGINE FOR OVERHAUL SENT TO ALPHIN AIRCRAFT INC. P-212903988 Dick Galt

DATE 19 <u>90</u>	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.)
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ALPHIN AIRCRAFT, INC. • CERTIFIED REPAIR STATION: CRS 121-12
ROUTE 12, BOX 94 • HAGERSTOWN, MD 21740 • 301/733-7605

DATE November 20, 1990 N 5895A SERIAL NO. 11080-D-6-A

MODEL Cont. 0-300A W.O. 9010843

Zero time: SMOH Major Overhaul

Engine disassembled cleaned and inspected. Crankcase zygle inspected. Crankshaft, connecting rods & all gears magnaflux inspected and spec. out. The following parts were replaced P/N SA36170 AlP010 main bearing set P/N SA639640 P0.10 connect ing rod bearings 12 ea.; P/N SA530192 connecting rod bushings 6 ea.; P/N SA530213 connecting rod bolts 12 ea.; P/NSA24804 connecting rod bolt nuts 12 ea.; P/N 530803 camshaft;P/N 530851 tappet bodies 12 ea.;P/N SA530348 pistons 6 ea.; P/N SA 530830 piston pins 6 ea.;P/N SA1000A1 ring set 1 ea.;P/N641916 cylinder chrome 5ea.;P/N641917 cyl. chrome 1 ea.;P/N SA629404 valves 6 ea.;P/N SA2101 intake valves 3 ea.;P/NSA24122 rocker arm bushings 12 ea.;P/NSA21153 rocker arm pins 6ea.;Engine assembled using new gaskets & seals torqued to manufactures spec.:P/N E/S10-51365-39 fresh overhauled magnetoes installed.

DATE 19__	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.)
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ALPHIN AIRCRAFT, INC. • CERTIFIED REPAIR STATION: CRS 121-12
ROUTE 12, BOX 94 • HAGERSTOWN, MD 21740 • 301/733-7605

DATE Nove. 20, 1990 N 5895A SERIAL NO. 11080-D-6-A
MODEL Cont. 0-300A W.O. 9010843

Page 2:

Engine preoiled and filled with 80sae40 aeroshell mineral oil.
Install on our airframe ran up checked for leaks. AD's #
AD7307-4, AD74-26-9, AD78-79R3, AD82-13-1, AD82-20-1 complied
with. For more pertenant details see WO#9010843 on file at our
facility.

Engine Shop
Larry Miller

Larry Miller

DATE 19 <u>90</u>	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.)
12/17/90	2709.4			REINSTALLED ENGINE AFTER OVERHAUL FROM ALPHIN AIRCRAFT. SERVICED WITH 8 QTS AEROSHELL MINERAL 40WT. RUN UP AND LEAK CHECKED, O.K. FOR RETURN TO SERVICE. P 21290398P Rpt. JPH
3/19/91	2728.8			CHANGED OIL AND INSP. SCREEN, RESERVICED WITH 4QT MINERAL OIL 8QTS REPLACED ARMATURE AND BRUSHES IN GENERATOR N. Ralph A. Spalding 1541R 283K
7/12/91	2752.4			CHANGED OIL + INSP. SCREEN, RESERVICED WITH 8QTS 50W MINERAL OIL N. Ralph A. Spalding 1541R 283K

DATE 19 <u>91</u>	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.)
9/19	2765	Changel		Oil and Path Paul inspected Oil 5000 in Motor Shell 50 Mineral oil Compass @ 72 @ 70 @ 74 @ 75 @ 72 @ 76
HOWARD AIRCRAFT, INC. RT. 4, BOX 499 HARTINSBURG, W. VA. 25801 304 263-2281				DATE <u>9/19/91</u> TOTAL TIME <u>56</u> Hours I CERTIFY THAT THIS <u>Engine</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>Manual</u> REPLETION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. <u>Carl W. King</u> IA 236807430
12/10/91	2790			Drain oil, check screen, wash with Swabell 15/30 oil. Run up and leak checked <u>James M. King</u> A-P 216888593

DATE 19__	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.)
3/30/92	Pad		2804.4	Drain oil. check power. Servil with 8gts. Amshell 15/50 oil. N/c ground run safety Lanning J D Smith A/P 211688993
6/12/92			2829.5	Drain oil. check power. Servil with 8gts. Amshell 15/50 oil. N/c ground run safety Lanning J D Smith A/P 211688993

[illegible]

DATE 19__	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.)
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APRIL 21, 1993 TACH TIME 2880.2

Removed #2 cyl., cleaned carbon from exh. valve stem, cleaned
valve & lapped valve in to cyl. Spent replaced cyl. & ran for 15 minutes
operational check was good. Comp. check. c/w #1 cyl. $\frac{78}{80}$ #2 cyl. $\frac{78}{80}$
#3 cyl. $\frac{78}{80}$ #4 cyl. $\frac{77}{80}$ #5 cyl. $\frac{78}{80}$ #6 cyl. $\frac{77}{80}$
Inddy Pyle 1494034TA

5/21/93 2891.2 OIL CHANGE - 8 QTS AEROSHELL 15/50 OIL.
ANNAPOLIS AERO (THEY DIDN'T SIGN LOGS)

9 Sept 93 2915.8 Cpltd annual maint. 15 rail oil
check over. Bled with Aeroshell 15/50
oil. Drain fuel bowls, check fuel
over. Repld MAP hose. 7/4/93

DATE 19__	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.)
				amp. lth. w. h. new. Repair cracked buffer Capron Club #1 76/80 #2 78/80 #3 74/80 #4 74/80 #5 75/80 #6 76/80 A/C good run satisfactory DATE <u>2 Sept 93</u> TOTAL TIME <u>2915.8</u> I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>Annual</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. ANNAPOLIS AERO SERVICE <u>Lawrence J. Dorton</u> AUTHORIZED INSPECTOR <u>A-P 216688993IA</u>
16 Feb 194	Tach	2937.3		Drain oil, check screen. Fuel with 7 1/2 Amsoil 15W50 oil. A/C good run satisfactory <u>Lawrence J. Dorton</u> <u>A-P 216688993</u>
27 May 94	TACH	2958.7		Drain oil, checked screen. Serviced with 7 qts Amsoil 15W50 oil A/C good run satisfactory <u>Anthony R Lee</u> <u>A-P 217127975</u>

DATE	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.)
1994				
29 Sep	2986.2	Completed Annual inspection.		All applicable AD's checked thru this date. C/w AD 93-18-03 by insp of Ventura. No looseness at this time. Verified no AD's apply to mags installed at this time. Bottle rebuilt by Electro systems 9/20. No other engine AD's apply at this time. Re time bottle mags. all plugs cleaned, gapped and tested. Fuel strainer drained & filter cleaned. Oil drained & re serviced with Amsoil 15W50. Screen checked. Compression: #1 - $\frac{75}{80}$, 2 - $\frac{74}{80}$, 3 - $\frac{72}{80}$, 4 - $\frac{72}{80}$, 5 - $\frac{74}{80}$, 6 - $\frac{74}{80}$. Replaced induction air filter with New BA6108. Replaced carb heat cable with New, #0411090-22 and rig for proper travel. Ground run & check for leaks. Operation satisfactory.
		Prop driven & back face painted.		I certify that this <u>Eng./Prop</u> has been inspected in accordance with <u>an annual</u> inspection and was determined to be in airworthy condition. Date <u>29 Sept 94</u> Tach. Reading <u>2986.2</u> Total Hours <u>276.8 SMOM</u> Chesapeake Aviation Service, Inc.
				Signed <u>[Signature]</u>
				IA 1600126

DATE 9/24 1974	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.)
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10/27	3003.5			removed cowling, repositioned #2 push rod seats & clamps, fabricated & installed baffle between #2 & 4 cyl. eng. run-up, ops & leak check okay end Richard Hahn CRSK41R203K
11/2/94	3007.8			Drained oil removed & checked screens Serviced Engine with 7QTS 15W50 aeroshell oil aircraft ground run and checked for leaks Orthy K Lee APZ17727975
11 Jan 95	3037.7			Serviced oil. checked screens. Serviced with 3 qt Aeroshell 15W50 oil. No ground run today. James D Smith APZ 216688953

DATE 19 <u>95</u>	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.)
5/14	3060.0			DRAINED OIL, CLEANED SCREENS. SERVICED WITH 7 QUARTS 15W50 AEROSHELL OIL. DONE AT CHESAPEAKE AVIATION SERVICES.
20 June	3065			Revised #2 g/hl due to stuck valve Revised g/hl g/hl repair of A/C Aircraft (See yellow tag) G/hl revised 20 June 1995 Revised g/hl g/hl due to stuck valve 75/100. L. J. K. K. K. AP 21X188993
3 Sept 95	3079.1			Completed annual w/tech c/w AP 95-03-02 by revised report of rebuilt engine g/hl due 100 hrs. Rebuilt engine BA-6108, c/w

DATE 19__	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.)
				AD 93-18-03 of chubel sent for looseener. due next month inspection. Drain oil. chubel removed fuel with Aircraft 15/50 oil. Right oil spark plug REM 90E. Chubel removed Drain fuel tank, chubel fuel removed Cylinder Check #1 75% #2 75% #3 75% #4 75% #5 75% #6 75%. All good run califly
				I certify that this <u>Engine</u> has been inspected in accordance with <u>Serial</u> inspection and was determined to be in airworthy condition. Date <u>13 Sep 95</u> Tach. Reading <u>3077.1</u> Total Hours <u>389.7</u> Chesapeake Aviation Service, Inc.
				Signed <u>James J. Smith</u> IA21687993

DATE	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.)
1976				
4/27	3105.0			Drained oil. Serviced with 7 quarts Acrosell 15W/50. Cleaned screen and checked for metal particles - None found. Leak check - OK Russell Duncan PP 242438780 3379159
Sep 96	3124.4		5204H	5115.0 Copied annual report c/w AD 93-18-03 of reply ventura with new 1" piece venturi P/N 96-F11. no further action required c/w AD 96-09-06 of serial report of ductlet angle gasket. due 100 hrs. also replied w/ pt BA-6108 Drained oil, check reverse. Serviced with 7 qt Acrosell 15W/50 oil. Check mag. by. Check oil gages and push pins Drain fuel bowl, check fuel reverse. Copper Check #1 78/80 #2 78/80 #3 78/80 #4 78/80 #5 78/80 #6 78/80 N/C good run

DATE 19 <u>97</u>	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.)
				<i>not fly</i>
				I certify that this <u>Engine</u> has been inspected in accordance with <u>Annex 1</u> inspection and was determined to be in airworthy condition. Date <u>13 Sept 96</u> Tach. Reading <u>3124.4</u> Total Hours <u>915.0 SMOH</u> Chesapeake Aviation Service, Inc.
				Signed <u><i>James J. Smith</i></u> IA216688793
<u>3/23</u>	<u>3149.0</u>			Drained oil - serviced with 7 quarts Aeroshell 15W50. Cleared screen and checked for metal particles. None found. Leak check - O.K. Russell Duncan P.P. 33244250 3379159

DATE 19 <u>97</u>	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.)
9 JULY	3164.7	SMO	4455.3	Completed Annual Inspection Compression #1 $\frac{74}{80}$ #2 $\frac{70}{80}$ #3 $\frac{76}{80}$ #4 $\frac{72}{80}$ #5 $\frac{76}{80}$ #6 $\frac{76}{80}$. Changed oil Clean screens & changed with 7 QTS Amsoil 15W50 oil. Had fuel bowl. Lubricated all Engine controls C/N AD 96-09-06 & ground inspection of hook and filler gasket done 100 hrs. Clean & gaped spark plugs. Aircraft Good run & leak check satisfactory.
				I certify that this <u>Engine</u> has been inspected in accordance with <u>Annual</u> inspection and was determined to be in airworthy condition. Date <u>9 July 97</u> Tach. Reading <u>3164.7</u> Total Hours <u>4553.5 SMOH</u> Chesapeake Aviation Service, Inc. Signed <u>Orthy R. L.</u> 2177279757A

DATE 1977	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.)
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8/30	3188.0			Drained oil - serviced with 7 quarts Aeroshell 15W50. Cleaned screen and checked for metal particles. None found. - Leak check - O.K. Russell Kluncan P.P. 3379159 3379159
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3/7/98	3211.2			Drained oil - serviced with 7 quarts Aeroshell 15W50. Cleaned screen and checked for metal particles. None found. - Leak check - O.K. Russell Kluncan PP 3379159 3379159
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DATE	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.)
19-98				
9/2/98				Completed annual inspection. Oil changed screen checked. Serviced with 8qts 15W50 AeroShell. Compressions satisfactory on all cylinders. Fuel strainer and carb float bowl drained + checked. Plugs cleaned checked + tested. Mounts + exhaust system checked. A/c filter element replaced. Several ducts replaced. C/W AD 96-09-06 by insp of filter gasket. C/W AD 98-01-06 by carb nozzle replacement. C/W AD 96-12-07 both maps by impulse coupling insp. Maps reinstalled + re-timed. Prop checked. B. Lade dressed. Engine ground run + checked for leaks. Ground operation satisfactory. Engine recoiled + A/c returned to parking space.
				I certify that this Engine has been inspected in accordance with <u>an annual</u> inspection and was determined to be in airworthy condition. Date <u>23 July 98</u> Tach. Reading <u>3227</u> Total Hours <u>517.6</u> SMON Chesapeake Aviation Service, Inc.
				Signed <u>[Signature]</u>

DATE 19 99 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.)

11 Feb	3247		SMOH	532.6 Dn at chd run. S. 1st 25 Noah 1300 p.h. Night on duty [Signature] 0-821168993
15 June 99	@ 3265 TT	555.6	SMOH	Annual inspection completed at this time. Oil changed, screen checked. Serviced 7 qts 15050 aeroshell. Comp chkr: #1- $\frac{6}{80}$ 2- $\frac{74}{80}$ 3- $\frac{74}{80}$ 4- $\frac{70}{80}$ 5- $\frac{70}{80}$ 6- $\frac{70}{80}$; all plugs cleaned, gapped + tested. Magn + timing checked. Set R-28° + L-28° BTC. 6% AD 96-09-06 by insp of air filter gasket. Replaced air filter element, fuel strainer drained + checked. Carb bowl drained + checked. Exh. pipes + muffs checked for cracks, mounts, wires + hoses checked. Ground run + checked for leaks. Ground operational checks satisfactory.

I certify that this Eng. Prof has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition. Date 15 June 99
Tach. Reading 3265 Total Hours
Chesapeake Aviation Service, Inc. 555.6
SMOH

Signed

[Signature]

1600126 I A

[illegible]

DATE

RECORDING

TACH
TIMETODAYS
FLIGHTTOTAL
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.)

19__

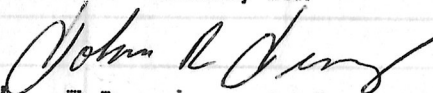
POTOMAC HIGHLANDS AIRCRAFT MAINTENANCE
GREATER CUMBERLAND REGIONAL AIRPORT
RT 1 BOX 99, WILEY FORD, WV 26767

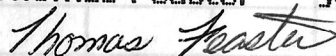
April 1st 2000 N5895A SN # 28495 Cessna 172

Tach Time: 3302.1

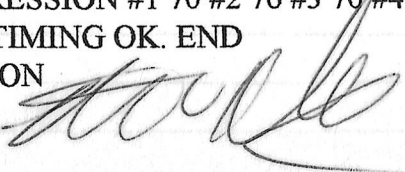
Drained engine oil , checked oil screens, all ok, serviced engine
with 7 Quarts of aeroshell 15W50 engine oil.
Engine run up and operational check, ok.

Thomas Feaster


John R Jennings A&P1808228IA



DATE	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.)
2000				
14 June	3327 TT	67.6	SMCH	Completed annual inspection. Oil changed, screen checked. Serviced aershell 15W50. Compressions all satisfactory. Plugs cleaned & checked. Magnos & Timing checked. Air filter replaced with BA5110 Rev H IAW AD 96-09-66, NLA. Fuel strainer drained & checked. Exhaust sys. & mounts checked. Carb heat box repaired. Cowling repaired. Prop dressed. Ground run and checked for leaks. Operational check satisfactory. "I certify this engine & prop were inspected IAW an Annual inspection and were determined to be in airworthy condition."
				Robert W. H. H. H. IA 1600126
09/05	3343			Drained oil & removed oil screen for inspection. Cleaned gapped & rotated plugs. Serviced with 7qts of AC15W50. Installed oil screen w/new gasket. Compressions #1-75; #2-78; #3-72; #4-70; #5-74; #6-76. Performed engine

DATE 2001 19	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.)
5/2	3365.0			Drained oil - Serviced with 7 quarts Aeroshell 15w50. Cleaned screen and checked for metal particles - None found - Leak check - OK Russell Duncan PP 214822430IA 3379159
				7-6-01 TACH TIME 3372.2 I CERTIFY THIS ENG HAS BEEN INSPECTED IAW AN ANNUAL INSP AND DETERMINED TO BE IN AIRWORTHY CONDITION, CHANGED OIL AND CLEAN SCREEN WASHED DOWN ENG, SERVICED WITH 15W50 AEROSHELL, CLEAN AND GAPPED SPARK PLUGS, COMPRESSION #1 70 #2 76 #3 70 #4 74 #5 68 #6 70, MAG TIMING OK. END ROBERT HUDSON AP214822430IA 

[illegible]

DATE 2002 49	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.)
6-25-02	3405.2	5moH:	695.8	Completed Annual Inspection AD 96-12-07 Inputs Dde 3727. TACK Draw oil chub Screen Serum Engine w/ 7qt 15w50 Aeroshell Performed Compression chub. #176 176 #374 74 74 70 72 Chub & Supp Spark plugs, checked May & 1/2 chub all Fuel Screens As necessary, Rep Placed Air Filter 1/2 BAC108, Engine grow Run Satisfactory.
				I certify that this <u>Engine</u> <u>Rep</u> has been inspected in accordance with <u>AN Annual</u> inspection and was determined to be in airworthy condition. Date <u>6-25-02</u> Tach. Reading <u>3405.2</u> Total Hours <u>695.8 5moH</u> Chesapeake Aviation Service, Inc. <u>IA 214621824</u> Signed <u>[Signature]</u>

DATE	RECORDING	TOTAL	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS	NUMBER OF (RIES.)
19__				



N5895A

5/20/03

Tach: 3428.7

Changed oil, Aeroshell 15W50 cleaned pressure and suction screens.

The aircraft, aircraft engine, or appliance identified above was repaired and/or inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return for service for the work performed. Pertinent details of the repair are on file at this repair station under Work Order no. **50221**.

Signed

Casper Biker
(Signature of authorized representative)

CRS #XR5R175Y

DATE 19__	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.)
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JULY 2, 2003 N5895A S/N 28495 TACH 3432.2 SMOH 722.8

COMPLETED ANNUAL INSPECTION. DRAINED OIL, CLEANED SCREEN. SERVICED WITH AEROSHELL 15/50 OIL. CHECKED MAG TIMING. CLEANED AND GAPPED SPARKPLUGS. DRAINED FUEL BOWL, CLEANED FUEL SCREEN. REPLACED AIRFILTER BA-6108. INSPECTED EXHAUST SYSTEM AND MUFFLERS. COMPRESSION CHECK #1 74/80 #2 74/80 #3 74/80 #4 74/80 #5 72/80 #6 74/80. A/C GROUND RUN SATISFACTORY. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.



LAWRENCE J. DONALDSON
IA216688993

DATE

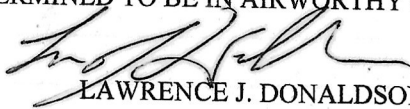
19__

RECORDING

TACH
TIMETODAYS
FLIGHTTOTAL
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.)

JULY 9, 2004 N5895A C-172 S/N 28495 TTAf 3451.7 SMOH 742.3

COMPLETED ANNUAL INSPECTION. DRAINED OIL, CLEANED SCREEN.
SERVICED WITH AEROSHELL 15/50 OIL. CHECKED MAG TIMING. CLEANED
AND GAPPED SPARKPLUGS. DRAINED FUEL BOWL, CLEANED FUEL
SCREENS. REPLACED AIRFILTER. REMOVED AND REPLACED
#4 CYLINDER AFTER REPAIR BY SKYLINE CYLINDERS, DUE TO STICKING
VALVE. COMPRESSION CHECK #1 74/80 #2 76/80 #3 76/80 #4 76/80 #5 68/80 #6
72/80. A/C GROUND RUN SATISFACTORY. I CERTIFY THAT THIS ENGINE
HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND WAS
DETERMINED TO BE IN AIRWORTHY CONDITION.



LAWRENCE J. DONALDSON
IA 216688993

DATE 19__	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.)
				2005 <i>JA</i> JUNE 17, 2004 N5895A C-172 S/N 28495 TTAF 3473.3 SMOH 763.9 COMPLETED ANNUAL INSPECTION. DRAINED OIL, CLEANED SCREEN. SERVICED WITH AEROSHELL 15/50 OIL. CHECKED MAG TIMING. CLEANED AND GAPPED SPARKPLUGS. DRAINED FUEL BOWL, CLEANED FUEL SCREENS. REPLACED AIRFILTER. COMPRESSION CHECK #1 76/80 #2 76/80 #3 76/80 #4 76/80 #5 74/80 #6 72/80. A/C GROUND RUN SATISFACTORY. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. <i>Lawrence J. Donaldson</i> LAWRENCE J. DONALDSON IA 216688993

DATE	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.)
19__				

JUNE 2, 2006 N5895A C-172 S/N 28495 TTAF 3497.0 SMOH 787.6

COMPLETED ANNUAL INSPECTION. DRAINED OIL, CLEANED SCREEN.
SERVICED WITH AEROSHELL 15/50 OIL. CHECKED MAG TIMING. CLEANED
AND GAPPED SPARKPLUGS. REPLACED LOWER PLUGS REM40E. DRAINED
FUEL BOWL, CLEANED FUEL SCREENS. REPLACED AIRFILTER.
COMPRESSION CHECK #1 72/80 #2 76/80 #3 74/80 #4 78/80 #5 70/80 #6 66/80.
A/C GROUND RUN SATISFACTORY. I CERTIFY THAT THIS ENGINE HAS
BEEN INSPECTED IAW AN ANNUAL INSPECTION AND WAS DETERMINED
TO BE IN AIRWORTHY CONDITION.

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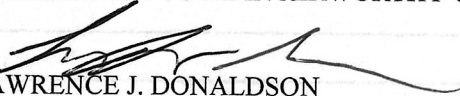
LAWRENCE J. DONALDSON
IA 216688993

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DATE 19__	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.)
				JULY 2, 2008 N5895A C-172 S/N 28495 TTAF 3529.5 SMOH 820.1 COMPLETED ANNUAL INSPECTION. DRAINED OIL, CLEANED SCREEN. SERVICED WITH AEROSHELL 15/50 OIL. CHECKED MAG TIMING. CLEANED AND GAPPED SPARKPLUGS. DRAINED FUEL BOWL, CLEANED FUEL SCREENS. REPLACED AIRFILTER. COMPRESSION CHECK #1 72/80 #2 74/80 #3 70/80 #4 74/80 #5 70/80 #6 64/80. A/C GROUND RUN SATISFACTORY. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.  LAWRENCE J. DONALDSON IA 216688993

DATE 19__	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.)
				JUNE 2, 2009 N5895A C-172 S/N 28495 TTAF 3550.8 SMOH 841.4 COMPLETED ANNUAL INSPECTION. DRAINED OIL, CLEANED SCREEN. SERVICED WITH AEROSHELL 15/50 OIL. CHECKED MAG TIMING. CLEANED AND GAPPED SPARKPLUGS. DRAINED FUEL BOWL, CLEANED FUEL SCREENS. REPLACED AIRFILTER. COMPRESSION CHECK #1 74/80 #2 74/80 #3 68/80 #4 74/80 #5 70/80 #6 68/80. A/C GROUND RUN SATISFACTORY. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.  LAWRENCE J. DONALDSON IA 216688993

[illegible]

DATE 19__	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.)
6/24/11	3595.6			Drained oil, cleaned strainer, serviced w/ 79TS Aeroshell 15/50 oil. Engine ground run OK. ————— END ————— Brian Tuscher <i>Brian Tuscher</i> A&P 3416784
JUNE 6, 2011 N5895A C-172 S/N 28495 TTAF 3603.0 SMOH 893.6 COMPLETED ANNUAL INSPECTION. DRAINED OIL, CLEANED SCREEN. SERVICED WITH AEROSHELL 15/50 OIL. CHECKED MAG TIMING. CLEANED AND GAPPED SPARKPLUGS. DRAINED FUEL BOWL, CLEANED FUEL SCREENS. REPLACED AIRFILTER. COMPRESSION CHECK #1 66/80 #2 76/80 #3 70/80 #4 72/80 #5 68/80 #6 70/80. A/C GROUND RUN SATISFACTORY. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.  LAWRENCE J. DONALDSON IA 216688993				

DATE 19__	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.)
4/6/12	3622.6			REMOVED, INSPECTED AND CLEANED OIL SCREEN/FILTER. REINSTALLED SCREEN/ FILTER AND SAFTIED. SERVICED CRANKCASE WITH 3 QUARTS OF AEROSHELL 15W50 OIL. Michael / King ROYAL AIRCRAFT

JUNE 26, 2012 N5895A C-172 S/N 28495 TTAF 3630.6 SMOH 921.2

COMPLETED ANNUAL INSPECTION. DRAINED OIL, CLEANED SCREEN.
SERVICED WITH AEROSHELL 15/50 OIL. CHECKED MAG TIMING. CLEANED
AND GAPPED SPARKPLUGS. DRAINED FUEL BOWL, CLEANED FUEL
SCREENS. REPLACED AIRFILTER. COMPRESSION CHECK #1 60/80 #2 76/80
#3 66/80 #4 72/80 #5 68/80 #6 72/80. A/C GROUND RUN SATIFACTORY. I
CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IAW AN ANNUAL
INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.


LAWRENCE J. DONALDSON
IA 216688993

DATE 19__	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.)
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JUNE 6, 2013 N5895A C-172 S/N 28495 TTAF 3655.0 SMOH 945.6

COMPLETED ANNUAL INSPECTION. DRAINED OIL, CLEANED SCREEN.
SERVICED WITH AEROSHELL 15/50 OIL. CHECKED MAG TIMING. CLEANED
AND GAPPED SPARKPLUGS. DRAINED FUEL BOWL, CLEANED FUEL
SCREENS. REPLACED AIRFILTER. REPLACED ENGINE BAFFLES OWNER
SUPPLIED. COMPRESSION CHECK #1 54/80 #2 74/80 #3 62/80 #4 74/80 #5 70/80
#6 72/80. A/C GROUND RUN SATISFACTORY. I CERTIFY THAT THIS ENGINE
HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND WAS
DETERMINED TO BE IN AIRWORTHY CONDITION.


LAWRENCE J. DONALDSON
IA 216688993

[illegible]

DATE 19__	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.)
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Royal Aircraft Services, LLC
18335 Airpark Rd.
Hagerstown, MD 21742
301-791-3642 - FAX: 301-791-7368
CRS JZRR651K

Date: 7/11/2014
N5895A

Tach: 3688.9
Cont O-300-A

TSMOH: 979.5
S/N: 11080-D-5-A

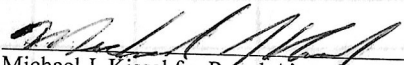
Completed an Annual Inspection in accordance with the scope and detail of FAR 43 Appendix D. AD's updated thru Avantext dated 2014-12. Compressions are as follows: 1)40 /80 2)72 /80 3)66 /80 4)72 /80 5) 64/80 6)72 /80. Drained oil. Removed, cut/inspected oil filter and replaced oil filter/safetied. No metal found at this time. Serviced crankcase with 8qts Aeroshell 15W50 oil. Run-up and leak check satisfactory.

The maintenance identified above was completed in accordance with the current regulations of the FAA. I certify that this Engine has been inspected in accordance with an Annual Inspection and has been determined to be in an Un-airworthy Condition due to the following discrepancies, furnished to the owner for resolution: Cylinder #1 compression at 40/80 psi, Cylinder #5 cracked at fin to barrel, Cylinder #2 exhaust push rod tube seal to crankcase leaking, Oil leak on accessory housing of engine, Left exhaust tailpipe crack/split, Exhaust system hardware and gaskets corroded, Cylinder barrels corroded, Firewall pitted (from corrosion) with cracks and hole behind battery box at both upper attachment ends, Engine mount rusting in numerous areas, All 4 engine mount to engine rubbers cracked and bolts rusty, All engine mount hardware corroded, All hardware on carb rusty, Generator wires missing boots, Improper hardware on Adel clamp at left rear engine baffle, CHT & EGT wires not secured correctly to engine,

DATE 19__	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.)
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mount, Corroded hardware on firewall, Upper LH corner of firewall missing hardware through doubler holes, Engine case hardware rusty, Electrical tape used to protect battery cable on battery solenoid, Need to make sure battery solenoid is an approved part - questionable - housing is rusty, Minor battery corrosion in battery box, Battery drain rubber brittle at battery box, All 4 intake rubber couplings deteriorated, Voltage regulator hardware corroded, Starter backing plate hardware is rusty and not safetied, Exhaust support bracket connected to left and right muffler is rusty, Exhaust clamp hardware corroded on system, Cylinder #2 baffle attachment to rocker cover is broken, Crankshaft flange rusty and pitted, Prop bolts are corroded at crank flange nuts, Cylinders #5 and #6 upper mag lead ferrules cracked.

Pertinent details of the maintenance are on file with this repair station under work order #1406040.
- END -


Michael J. Kissel for Royal Aircraft Services, LLC

DATE	RECORDING	TOTAL	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS	
19__	TACH TIME	TODAYS FLIGHT	ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)	

Potomac Highlands Airport Authority
Maintenance shop Rt 1 box 99 Wiley Ford W.v 26767
301-876-5407

Date: 11/18/14 Tac: 3689.6 SMOH 980.2

Removed engine striped fire wall and engine mount repaired fire wall with patch installed missing hardware, prepped with zinc painted firewall to match airframe, painted mount black, installed new bushing firewall to mount using the following part numbers (p/n0550155) (p/n 0550154-2) installed new engine mounts (p/n 23411) reinstalled engine, installed o/h cylinder on #1 supplied by aircraft cylinders of America inc, #5 cylinder was repaired prev at o/h, replaced all intake hoses (p/n 22800) replaced all the intake gaskets with the following p/n (p/n 649975) (p/n 649951) (p/n652105) replaced #6 exhaust riser (p/n 0550157-8awl) replaced left exhaust tail pipe (p/n 0550157-4) installed all new exhaust gaskets p/n 652459) replaced exhaust clamp hardware (p/nAN3-4a) (p/n nas1149f0332p) (p/n ms21045-3) cleaned exhaust shroud and inspected mufflers, replaced #6 & #5 leads do to crack in nut (p/n m6202-72) rerouted CHT & EGT wires, clean battery box inside and out painted inside installed new drain house, installed protective boots on mags, generator, starter, solenoid, with following p/n (p/n ms25171-28) (p/n ms25171-15), clean carburetor hardware, cleaned engine hardware and touch up with paint,

Replaced voltage regulator hardware, repaired (p) leads, cleaned starter and hardware safety wired backing plat touched up with paint, cleaned exhaust support bracket and painted, cleaned crankshaft flange and painted, cleaned prop mounting hardware, repaired baffle at #2 cylinder. Checked all engine controls after install, drained oil checked oil screen serviced engine with 8qts Aeroshell w80 mineral oil performed run up and leak check was found satisfactory at this time performed visual inspection of and controls recheck compression on new o/h cylinder 74/80. AD listing reviewed see logs.

7.
I certify that this Engine has been
inspected in accordance with an Annual
inspection and was determined to be in an
airworthy condition.
John Lee 9A3542460
DATE: 11/18/14 A&P
Potomac Highlands Airport Authority

Date: 11/18/14

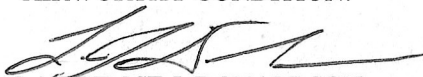
Replaced # 6 and # 4 cylinders with new cylinders assy supplied by Dart aircraft parts (p/n AFC65314) installed using supplied gaskets, removed carburetor do to leaking replaced with o/h exchange (p/n 10-4895-1) (s/nMS952703) see supplied paper work for details.

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DATE 2019 12	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.)
7/9	3857			DRAINED OIL SERVICED WITH SEVEN QUARTS AEROSHELL 15/50 Russell Munca 3579159

DECEMBER 17, 2019 N5895A C-172 S/N 28495 TTAF 3874.8 SMOH 1165.4

COMPLETED ANNUAL INSPECTION. DRAINED OIL, CLEANED SCREEN.
SERVICED WITH AEROSHELL 15/50 OIL. CLEANED AND GAPPED
SPARKPLUGS. REPLACED SPARKPLUG GASKETS. CHECKED MAG TIMING
DRAINED FUEL BOWL, CLEANED FUEL SCREENS. REPLACED AIRFILTER.
COMPRESSION CHECK #1 76/80 #2 72/80 #3 72/80 #4 78/80 #5 72/80 #6 76/80. A/
GROUND RUN SATISFACTORY. I CERTIFY THAT THIS ENGINE HAS BEEN
INSPECTED IAW AN ANNUAL INSPECTION AND WAS DETERMINED TO BE
AIRWORTHY CONDITION.


LAWRENCE J. DONALDSON
IA 216688993

DATE	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.)
4/17/21	3911	5		DRAINED ENG OIL, REMOVED & INSPECTED OIL SCREEN, N/DN, CLEANED & REINSTALLED SCREEN & OIL TEMP PROBE w/ NEW CRASH WISCONS P/N M435769-48+4 & SAFETIED. SERVICED ENG w/ 7 QTS AEROSHELL 15W-50. UND RND LEAK TOP'S CHECK ^{FOUND OIL LEAKAGE} SATISFACTORY FROM CYL 3, 5, & 6 VALVE COVERS, INSTALLED 6 NEW VALVE COVER GASKETS P/N: 655706, INSTALLED REAR GASKETS PUSHROD TUBE KIT P/N: R6-200PR IAW STC SE005338E & REAR GASKETS KIT INSTANT INSTRUCTIONS, 337 WITH AC LOGS & Filled w/ FAA. INSTRUCTIONS FOR CONTAINER ADJUSTMENTS REQUIRED 100HR/ANNUAL INSPECTION OF PUSH ROD TUBES IAW ICA DRAWING 9807 PL 50FS REV 08/03/2020 OR LATER. RVE GREENS RND & LEAK CHECK SATISFACTORY - AC RETURNED TO SERVICE AT THIS TIME. APP 37100702A 4/17/21

**REFERENCE OF MAJOR REPAIRS AND MAJOR ALTERATIONS TO
FAA FORM ACA-337 BY DATE, OR TO THE WORK ORDER BY NUMBER AND THE APPROVING AGENCY.**

Performed Annual Inspection IAW 14 CFR § 43 Appendix D.

- Joshua L Daniels Cert. A&P 3710770 IA

AGENCY.

FAA Approved Repair Station H5GR0500

DATE	TOTAL TIME IN SERVICE
8/23 49	

REFERENCE OF MAJOR REPAIRS AND MAJOR ALTERATIONS TO
FAA FORM ACA-337 BY DATE, OR TO THE WORK ORDER BY NUMBER AND THE APPROVING AGENCY.

8/11/23 4003

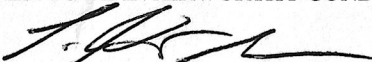
DRAINED OIL - SERVICED WITH SEVEN QUARTS

AEROSHELL 15/50 - Russell Duncan PP 3379159

JANUARY 2, 2024 N5895A C-172 S/N 28495 TTAF 4013.9 SMOH 1304.5

COMPLETED ANNUAL INSPECTION. DRAINED OIL, CLEANED SCREEN. SERVICED WITH AEROSHELL 15/50 OIL. CLEANED AND GAPPED SPARKPLUGS. REPLACED SPARKPLUG GASKETS. CHECKED MAG TIMING. DRAINED FUEL BOWL, CLEANED FUEL SCREENS. REPLACED AIRFILTER. REPLACED CARB HEAT CABLE WITH NEW MC0411090-22CH. REPLACED BAFFLE SEALS. COMPRESSION CHECK #1 76/80 #2 76/ #3 74/80 #4 76/80 #5 70/80 #6 78/80. A/C GROUND RUN SATISFACTORY. I CERTIFY THAT

THIS ENGINE HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.



LAWRENCE J. DONALDSON
IA 216688993

DATE 19	A. D. NUMBER	TOTAL TIME IN SERVICE	AIRWORTHINESS DIRECTIVES CHRONOLOGICAL LISTING OF COMPLIANCE AND METHOD OF COMPLIANCE.
8-10		4030	Replace Inp EGT probe PIN-1254512 Probe operation checks Okay Call for 4272659 725

ENGINE LOGBOOK ENTRY	W/O# EA-1116	Excelsair Aviation LLC	DATE: 08/11/2024
N#- N5895A	MAKE: Cessna	M/N: 172	S/N: 28495
AC Total Time: 4030.2	AC Tach Time: 4030.2		
ENG. Mfr.: Continental	ENG. M/N: O-300-A	ENG. S/N: 11080D-6-A	ENG. Total Time: 4030.2

1. Removed original OEM pushrod tubes from cylinders #1, 3, 4, 5, 6 and installed Real Gaskets pushrod tube seal kits p/n RG-200TB IAW Real Gaskets assembly instructions Drawing 9807 Rev. 08/03/2020. Ground run leak and operation check satisfactory. Recurring/scheduled maintenance required IAW Real Gaskets ICA Drawing 9807 page 5 of 5 Rev. 08/03/2020 or later.
2. Installed new exhaust riser p/n A0450338-14 on cyl. #3 and new riser p/n A0550157-8 on cyl. # 1 with new exhaust gaskets p/n 652459 and new stainless hardware IAW Cessna 172 Service Manual.

This aircraft, engine and propeller identified above was inspected and repaired IAW current 14 CFR regulations and requirements with reference to Manufacturer's maintenance documents and is determined to be in airworthy condition at this time.

Joshua Daniels
Joshua Daniels A&P 3710770 IA

DATE 19 <u>25</u>	A. D. NUMBER	TOTAL TIME IN SERVICE
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LAWRENCE J. DONALDSON
IA 216688993

Russell A. Duncan
PP 3379159