

DATE 19	RECORDING TACH TIME	TODAY'S 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.)
3/23/71				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" CRANK SHAFT MAIN & ROD JOURNALS GROUND TO .010" UNDERSIZE. INSTALLED NEW MAIN & ROD BEARINGS, NEW PISTONS & RINGS, NEW CAMSHAFT AND ALL OTHER STEEL PARTS MAGNETIZED. OVER HAULED RIGHT MAG. STARTER, GENERATOR & CARBURETER. ENGINE RUN ON GROUND AND CONSIDERED AIR WORTHY FOR RETURN TO SERVICE.

E. B. McLean
ATP 1948542

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.)
10/1/71	10/1/71	1794.1	100hr. insp performed this date, details of	
3MON	21.9			this insp done, 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.

1	2	3	4	5	6
75	70	76	74	75	78
80	80	80	80	80	80

I CERTIFY THAT THIS Engine
HAS BEEN INSPECTED IN ACCORDANCE
WITH A 100hr. INSPECTION AND
WAS DETERMINED TO BE IN AIRWORTHY
CONDITION. 21.95MON
TOTAL TIME 1794.1 DATE 10/1/71

SIGNED Lonnie A. Phillips
LONNIE A. PHILLIPS A & P 1639737 I.A.

DIFFERENTIAL AIR

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				TACH TIME 1809.6 OIL CHANGED WITH 20/40 AD GULF

ENTERED OCT 20 1972

TOTAL TIME 1820.6 (48.45MOH)

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 FACILITY UNDER LOG NO. 4872

DATE ENTERED OCT 20 1972

SIGNED *S. Miller* FOR

APPALACHIAN FLYING SERVICE, INC.

TRI-CITY AIRPORT

BLOUNTVILLE, TENNESSEE 37617

REPAIR STATION NO. 361

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 20/40 AD

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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 (104.25 MOH)				COMPRESSION TEST																		
<p>I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN A FLYING CONDITION. PERTINENT DETAILS OF THIS INSPECTION ARE ON FILE AT THIS AGENCY UNDER WORK NO. 15270.</p> <p>DATE ENTERED NOV 9 1973</p> <p>SIGNED <i>Bob Phillips</i> FOR</p> <p>APPALACHIAN FLYING SERVICE, INC. TRI CITY AIRPORT</p> <p>BLOUNTVILLE, TENNESSEE 37617 REPAIR STATION NO. 361</p>				<table border="1"> <tr> <td>1</td> <td>2</td> <td>3</td> <td>4</td> <td>5</td> <td>6</td> </tr> <tr> <td>76</td> <td>72</td> <td>75</td> <td>73</td> <td>72</td> <td>70</td> </tr> <tr> <td>80</td> <td>80</td> <td>80</td> <td>80</td> <td>80</td> <td>80</td> </tr> </table>	1	2	3	4	5	6	76	72	75	73	72	70	80	80	80	80	80	80
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																		

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

Jack. Time 2078.7 Total Time 2078.7

Henry 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>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>04921</u> Franklin C. Wilson IA 1589043 Irondale, Ohio 43934 Date <u>5 MAY 1981</u> Phone <u>216-532-2819</u>
				(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. CR #1 $\frac{65}{80}$ #2 $\frac{65}{80}$ #3 $\frac{65}{80}$ #4 $\frac{66}{80}$ #5 $\frac{66}{80}$ #6 $\frac{67}{80}$.
				- NEXT PAGE -

DATE 1981	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 78-09-07 c/w by removing magnetos from engine and inspecting in accordance with Bendix Service Bulletin N 426A. Install back on engine & retime.	
				Aleksander M. Fadzinski A&P 194421263.	
5-30-81				5-30-81 Tach Time 2275 hrs Removed left magneto (oil seal leaking) Replaced oil seal & magneto flange basket. Retimed MAS & good. Test engine for performance checked OK. —	
				Pulled compression checked	
				Eng hot	
8/27/80	4263	#368	#465	#570	#675

DATE 19-82	RECORDING TACH TIME	TODAY'S 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.)
				610-82 A/c Total Time 2332 Hrs Engine Total Time 2332 Hrs
	560 Hrs Smooth			68 Hrs Flown since last Annual Removed oil screen, inspected, cleaned & Reinstalled Primed Oil. Re fitted Engine Bolt Boxon G100 50nt Oil, cleaned, gapped & tested Spark Plugs. Check Magneto timing. Cleaned Carb intake & Fuel Filter, inspected air filters & Exhaust sys Inspected Engine Mount, associated Prop. Pulled Compression Check. # 70 42 72 72 43 68 49 68 45 70 46 60 61 60 Check AD's Total 82-11 Dated: 6-18-82 No AD's Due at this time. See AD list & A/c log for AD completion and tested Engine for Oil levels & Performance Check O/C
				I certify that this aircraft has been inspected in accordance with annual Inspection and found to be in airworthy condition. Total time 2332 Hrs 560 Smooth Signed: Roger W. Kelly A & P 101825524

DATE	RECORDING TACH TIME	TODAY'S 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				
7-10-84	Alg 7-7-2426	1hr	Tach 2426hr	654 SMOOTH Poured Oil + Cleared Main Oil Screen & Suction Screen. Refilled Engine, 8qt EXROE EE 100 S Out Oil. Compression Check (Engines cold) #1 75 780 #2 770 737 #3 75 780 #4 75 780 775 Checked Manometer - OK. Cleared Checked Gap And Rotated Spark Plugs. Inspected Exhaust Sys. For Leaks. Inspected Engine Mount Assy. AD is checked thru 84-11. For AD Compliance See AD List Book of Aircraft Logbook. Engine was inspected per Periodic 100 Check List. And Tested Engine for 84- Leak's & Performance For AD Compliance See AD List Book of Aircraft Log Book

I certify that this aircraft has been
inspected in accordance with AFM 1
and found to be in airworthy
condition.

Total time 2426 654 SMOOTH

Signed:

A & P

7-10-84

DATE	RECORDING TACH TIME	TODAY'S 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.)
19-8-81				
10-6-89	AC Tach Time	2438 hr.		
	chd STC SE2006CF	Add the following Approved Fuel for unleaded automotive gasoline 87 min. Anti-knock index (RON+MON)/2 and ASTM Specification D-439. Intermixing with aviation gasoline also Approved Adjust idle RPM 7000 RPM max. cast off idlet. Tach. Added STC info to flight manual. Gad tested OK		
11/24/84	2445.3	HOURS TACH TIME - DRAINED OIL REPLACED WITH EXXON EE 80 (SAE 40) 8 QUARTS. CHECKED FOR LEAKS - NONE		
				<i>Ron A. White</i> 1274085

DATE 19	RECORDING TACH TIME	TODAY'S 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.)
8-3-85	ACT. T.24	87Hc	Tach 2487Hc	<p>87Hc Tach 2487Hc</p> <p>87Hc Since last Annual Ins.</p> <p>Preserved Oil. Cleaned Screen. Repaired Engine 78+ Bauschell 15W50 Oil. Comp Check 6 1/7 10 2 76 10 3780 H4 6 1/2 78 10 6 78 10 50 10 50 Preserved Engine + Rotated Spark Plugs. Inspected Air Filter, Check Magneto Timing OC. Check Accessories / Inspected Propeller + Faded Blades. Reposition #5 Cyl Push-Rod housing Ribby. Check + Lub Oil Bug controls. ADs Check thru 85-14 For AD Comp lower see AD hist Back of Handcraft Logbook AD 84-26-02 New Bauschell Air filter installed.</p> <p>Dated: 8-3-85</p> <p>I certify that this aircraft has been inspected in accordance with Annual inspection and found to be in airworthy condition.</p> <p>Total time 2487</p> <p>Signed: R. D. Dickey</p>

DATE 1986	RECORDING TACH TIME	TODAY'S 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	86 A/c T.	T.25	14hr TACH 2544hr Eng T.7 2544	<p>smooth 772 hrs. 50 hrs Since last Annual / 1 esp. fw Annual /</p> <p>-100% 1 esp. Check List. Drained Oil, Cleared Screen</p> <p>Filled Engine 84+15W50 Oil. Comp Check (cold)</p> <p>#1 7/80 #2 7/80 #3 7/80 #4 7/80 #5 7/80 #6 7/80 Cleared Gapped &</p> <p>Rotated Spark Plugs. Checked magnet to timing</p> <p>Inspected all Accessories, Inspected Exhaust System.</p> <p>Inspected Propeller Assy. AD's checked them</p> <p>86-16 fw AD 84-26-02 Air Filter 1 esp. for AD</p> <p>Compliance & See AD List BACK of A/c Logbook</p> <p>6rd O-R-Check Leaks & Performance O-Rings for torque</p> <p>Dated: 9-4-86</p> <p>I certify that this <u>aircraft</u> has been inspected in accordance with <u>Annual</u>/ inspection and found to be in <u>airworthy</u> condition.</p> <p>Total time 2544 hrs 772 smooth</p> <p>Signed: <u>Augie L. Kelly</u></p> <p>A&P <u>IA1689584</u></p>

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.)
S-1-87				<p>5-1-87 A/C T-2564-2 Hr Tach 2564-2 ENG T.T. 2564-2</p> <p>780.8 S MOD. #4 Cylinder Exhaust Valve Leaking</p> <p>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 in per MFIs Practices & Procedures. Grid Operations completed for Engine oil leaks & Performance check OK</p> <p>Comp Check #4 Cyl (Hot) 74/80</p>

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 Ronald W. Dugay

KCI AVIATION

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

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				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 PROPERATION OPERATION. OK REPLACED WORN ENGINE BAFFLE MATERIAL. EVERYTHING NORMAL ON TEST FLIGHT.

Ross A. White 1274085

9-14-87 2586.2 TACH 2586.2 1/4 TT 813.8 SMOH 42 Hrs since last Annual

This Engine¹ 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/ 90
Aeroshell 15W50. Removed, cleaned, Hopped, Rotated &
Reinstalled Spark Plugs. Completed compression check
pset #1 $\frac{75}{80}$ #2 $\frac{75}{80}$ #3 $\frac{75}{80}$ #4 $\frac{74}{80}$ #5 $\frac{78}{80}$ #6 $\frac{75}{80}$

Replaced Cabin Heat duct Replaced Cab. Heat duct
Replaced all 8 Prop Belts. NEXT PAGE →

DATE 1987	RECORDING TACH TIME	TODAY'S 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.)
Continued -	CW AP	74-07	-12 Mag Switch Post off for additional compliance see AD list in back of Airframe Log book. Owner Replaced Brackett air filter P/N BAG105. 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. GA001808

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.

201A



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.)
1988				

10/1 2623.8 THIS ~~big & prop~~ HAS BEEN INSPECTED IN ENGINE - Drained oil, cleaned screens, checked & cleaned spark plugs.
 ACCORDANCE TO A ~~10~~ Annual Checked compression, checked fuel system, drained sumps, checked
 INSPECTION AND WAS DETERMINED ~~to~~ ~~start~~ and accessories, checked mags and timed properly. Checked,
 BE IN AIRWORTHY CONDITION. ~~prop for leaks and grease.~~ Functionally checked engine,
 DATE ~~10/1-88~~ TOTAL TIME ~~2623.8~~
~~TSO: 851.4~~ AD's RESEARCH c/w THRU ~~88-19~~ See list in ~~A/c log.~~
 Cams. @: #1 - 77/80; #2 - 65/80; #3 - 78/80; #4 - 75/80; #5 - 79/80; #6 - 76/80.
 Serviced engine w/ 7 qt. Aeroshell 15W50. All maint performed.
 I/A/U w/ mfg. Rec. practices & procedures. 37.6 hrs since last annual.

KCI AVIATION, FAA Approved Repair Station #122-28
 Benedum Airport, Bridgeport, W. Va.

Steel Crayfield, Super.
 Authorized Signature

DATE ~~10/1-88~~ W. O. ~~2630~~

DATE 1989	RECORDING TACH TIME	TODAY'S 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	1989.2652.7	CHW	100 hr. Insp. CHW AD 84-2602 Installed new Element + Insp Screen. Replaced Flex. Fuel Line From Bowl to CARB. checked for leaks o.k. Replaced Spinner Balkhorn w/ new part. Replaced #1, #3 #15 exhaust gasket. Comfr. #074 #271 #372 #468 #572 #673. Cleaned Eng. Operational test Satisfactory, Post Runup Insp. O.K. RSO Sign Date 269435 026	

DATE 15 Sept 89 TOTAL TIME 2652.7

DATE 10-10-1944 CERTIFY THAT THIS AIRCRAFT HAS BEEN

I CERTIFY THAT THIS AIRCRAFT IS
REFLECTED IN ACCORDANCE WITH A

INSPECTED IN ACCORDANCE WITH THE
INSPECTION AND WAS DETERMINED TO BE IN

INSPECTION AND WAS DETERMINED TO BE IN
EXCELLENT CONDITION

AIRWORTHY CONDITION. *Good*

ANNAPOLIS AERO SERVICE

1600126 TA

AUTHORIZED INSPECTOR

2-5-90 TACH TIME 2674.5 DRAINED OIL, CLEANED SCREEN
SERVICED WITH 8QTS 15W-50 AEROSHELL
A/C RUN UP AND LEAK CHECK OK.

P-212903988 Pet. 9/9/61

DATE 19 90	RECORDING TACH TIME	TODAY'S 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 zyglo
 inspected. Crankshaft, connecting rods & all gears magnaflux
 inspected and spec. out. The following parts were replaced
 P/N SA36170 A1P010 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/N 641916
 cylinder chrome 5 ea.; P/N 641917 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 6 ea.; Engine
 assembled using new gaskets & seals torqued to manufacturers
 spec.: P/N E/S10-51365-39 fresh overhauled magnetos installed.

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19				

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

DATE Nov. 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 m miller

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1990 12/17/90	2709.4			REINSTALLED ENGINE AFTER OVERHAUL FROM ALPHAN AIRCRAFT. SERVICED WITH 8 QTS AEROSHELL MINERAL 40 WT. RUN UP AND LEAK CHECKED, O.K. FOR RETURN TO SERVICE.
				P 212903988 Peter O. Hall
3/19/91	2728.8			changed oil AND TASA SCREEN, Reserviced with 40wt mineral oil 8qts Replace a alternator fan BUSHES in generator
				Dalph O. Hall KUIN 283K
7/12/91	2752.4			changed oil + TASA SCREEN, Reserviced with 8qts 50wt mineral oil
				Dalph O. Hall KUIN 283K

DATE 1991	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	Changol		<i>Oil and Push Rod Inspected</i>
		HOWARD AIRCRAFT, INC.		<i>Oil Screen in Push Rod 50 Mineral oil</i>
		RT. 3, BOX 499 MARTINSBURG, W. VA. 26101		<i>Compass 072 20 074 025 072 076</i>
		304 263 -2281		
				<i>DATE 9/19/91 TOTAL TIME 56.54464</i>
				<i>I CERTIFY THAT THIS <u>Fair</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>Push</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.</i>
				<i>John T. Ray</i>
				<i>TA 236 80 7430</i>
12/10/91	2790			<i>Drain oil, clean over tank with Avonhill 15/50 oil. Run up and leak checked</i>
				<i>John T. Ray 10/21/68 8893</i>

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				Sept 14 1992 Tach. 2844 135 SMOH
				Replaced ignition harness with new slick assy Replaced carb air box with new part Changed oil AeroShell 15W50 Cleaned screens Replaced air filter elements.
				Compression 1 $\frac{75}{60}$ 2 $\frac{75}{60}$ 3 $\frac{75}{60}$ 4 $\frac{72}{60}$ 5 $\frac{75}{60}$ 6 $\frac{76}{60}$
				I certify this aircraft has been inspected in accordance with an annual/100hr inspection and has been determined to be in airworthy condition. Casper Behr AP1847883IA
10 Feb 93		Tach 2869		Drained oil screen, fuel with 8.5 Pennzoil 15W50 oil. Neglected in safety last 2500hr SSTP d18688993

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19				
APRIL 11, 1993	TACH	TIME 2880.2		REMOVED #2 CYL., CLEANED CARBON FROM EXH. VALVE STEM, CLEANED VALVE SEAT. REPAVED VALVE IN TO CYL. SEAT. REPLACED CYL. SEAT FOR 15 MINUTES OPERATIONAL CHECK WAS GOOD. COMP. CHECK C/W #1 CYL. 78/80 #2 CYL. 78/80 #3 CYL. 78/80 #4 CYL. 78/80 #5 CYL. 78/80 #6 CYL. 78/80
				Mark J. Pyle 1494034 TA
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			Capt. Flannery eng. 25 gal oil clean over fuel with Aeroshell 15/50 oil. Drain fuel tank, clean fuel over. Right map lose. Right

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				air filter w/ fl. new. Repair'd cracked baffle Coyoteon Club #1 $76\frac{1}{20}$ #2 $79\frac{1}{20}$ #3 $74\frac{1}{20}$ #4 $76\frac{1}{20}$ #5 $75\frac{1}{20}$ #6 $79\frac{1}{20}$ A/C ground run satif DATE 95pt 93 TOTAL TIME 7915.8
				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 G. Soeken</u>
				AUTHORIZED INSPECTOR <u>ARP 216688993.IA</u>
16 Feb 94	TACK	2937.3		Drained oil, checked engine. Serviced with 7 qts AmoShell 15W50 oil. A/C ground run satif <u>Lawrence G. Soeken</u> <u>ARP 216688993</u>
24 May 94	TACK	2958.7		Drained oil, checked engine. Serviced with 7 qts AmoShell 15W50 oil. A/C ground run satif <u>Anthony R. Lee</u> <u>ARP 217227975</u>

DATE	RECORDING TACH TIME	TODAY'S 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 Venture. No losses at this time. Verified no AD's apply to mags installed at this time. Both rebuilt by Electro systems 940. No other engine AD's apply at this time. Re-tite both mags. all plugs cleaned, gapped and tested. Fuel strainer drained & filter cleaned. Oil drained & re serviced with AeroShell 15W50. Screen checked. Compression: #1 - $\frac{75}{80}$, 2 - $\frac{74}{80}$, 3 - $\frac{72}{80}$, 4 - $\frac{73}{80}$, 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 disengaged & track face painted.

I certify that this Eng. / Prop has been inspected in accordance with an Annual

inspection and was determined to be in airworthy condition. Date 29 Sept 94

Tach. Reading 2986.2 Total Hours 276.8 SPMOH

Chesapeake Aviation Service, Inc.

Signed: John S. Walker

IA 1600126

DATE 19/14	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.)
10/27	3003.5			<p>Removed cowling, repositioned # 2 push rod seals & clamps, fabricated & installed baffle between #2 & 4 cyl. eng, run-up, opst & leak check okay end</p> <p>Richard Hahn CRSK412283K</p>
11/3/94	3007.8			<p>Draed oil removed & checked screws laved Engn with 7QIS 15W50 aeroshell oil aircraft gnd run and checked for leaks</p> <p>Ditty R Lee A#P217727975</p>
Nov 95	3031.7			<p>Draul oil, chkd over. Servd wth 3.5 Searhill 15W50 oil. No gnd run only</p> <p>Lammy J Knutson A#P21688987</p>

DATE 1995	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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5/14	3060.0			DRAINED OIL, CLEANED SCREENS, SERVICED WITH 7 QUARTS 15W50 AEROSHELL OIL. DONE AT CHESAPEAKE AVIATION SERVICES.
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20 June	3065			Removed #2 cylinder due to stuck valve Rebuilt #2 cylinder with repair of Airti Ring (See yellow tag) Cylinder rebuilt In a carburettor and installed the gasket on cylinder. 75% co- Lenny J. Smith SP214088987
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13 Sept 95	3079.1			Completed annual with ch AD 95-03-02 by recall agent of rebuilt engine and the 100 hr. BPL after PS-6108, ch
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DATE	RECORDING TACH TIME	TODAY'S 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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19—

AD 93-18-03 by chelb venturi for
looseener. due next with inspectr.
Transl oil. chel never. fuel with
Avord 1 $\frac{1}{2}$ 50 oil. Filled all
gasohol. REAR 30E. Chel any tie
Transl fuel tank, chel fuel never
Cylourn chel #1 $\frac{1}{2}$ 50 #2 $\frac{1}{2}$ 50 #3 $\frac{1}{2}$ 50
#4 $\frac{1}{2}$ 50 #5 $\frac{1}{2}$ 50 #6 $\frac{1}{2}$ 50. All good now
satisfy

I certify that this Engine has been
inspected in accordance with Aircraft
inspection and was determined to be in
airworthy condition. Date 13 Sept 75

Tach. Reading 30771 Total Hours 369.7

Chesapeake Aviation Service, Inc.

Signed James J. Walker
IA 210888 793

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			<p>Drained oil. Serviced with 7 quarts Avroshell 1518/50. Cleaned screen and checked for metal particles - None found. Leak check - OK. <i>Ron W Duncan</i></p> <p>PP 3379159 3379159</p>
Sept '96	3124.4			<p>SMON 415.0 Cylindrical annual eng 2 c/n AD 93-18-03 Supply venturi with over 1" piece venturi P/N 46-F11. no further auto reg 1 c/n AD 96-09-06 of oil leak off right aft gasket due 100hrs. also right aft BS-6108 Drain oil. clean screen. Serv with 7qt Avroshell 1518/50 oil. Cleaned oil line. Cleaned gasket with Dried fuel bowl, clean fuel screen. Cylinders Cyl #1 $\frac{75}{160}$ #2 $\frac{75}{160}$ #3 $\frac{75}{160}$ #4 $\frac{75}{160}$ #5 $\frac{75}{160}$ #6 $\frac{75}{160}$ No gasket num</p>

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.)
				<i>certify</i>
				I certify that this <u>Engine</u> has been inspected in accordance with <u>Aeronautic</u> inspection and was determined to be in airworthy condition. Date <u>13 Sept 76</u> Tach. Reading <u>3124.4</u> Total Hours. <u>4150.0 SMOH</u> Chesapeake Aviation Service, Inc.
				Signed. <u>James J. Barth</u> <u>IA-216688793</u>
3623	3149.0			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. 3379159 3379159

DATE 19 97	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	SM04455.3		<p>Comphubd. Ann. inspection. Compression #1 $\frac{74}{80}$ #2 $\frac{70}{80}$ $\frac{#3}{80}$ $\frac{#4}{80}$ $\frac{#5}{80}$ $\frac{#6}{80}$ Phosloid</p> <p>Cloud screens. Single sync. 7 QTS. Anodized 15W50 oil. Prod. fuel bowl. Lubricated all engine controls c/n AD 96-09-06 by myself inspection of hood & aux. filter gasket due 100 hrs. Cloud & ground spark plugs. Anodized Good run & leak check satisfactory.</p> <p>I certify that this <u>engine</u> has been inspected in accordance with <u>Ann.</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>455.35</u> SM04455.3 Chesapeake Aviation Service, Inc.</p> <p>Signed <u>Dith R. Lee</u> 2177279157A</p>

DATE 1997	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.)
8/30	3188.0			<p>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>P.P. PROTHANE 7500 3379159</p>
3/7/98	3211.2			<p>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>P.P. PROTHANE 7500 3379159</p>

DATE	RECORDING TACH TIME	TODAY'S 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				12-1010 Completed annual inspection. Oil changed, screen checked. Scrued with 8gts 15W50 Aeroshell. Compressions satisfactory on all cylinders. Fuel strainer and carb float bowl drained & checked. Plugs cleaned checked & tested. Mounts & exhaust system checked, oil filter element replaced. Several ducts replaced. C/W AD96-09-06 by imp of filter basket, C/W AD98-01-06 by carb nozzle replacement. C/W AD96-12-07 both mags by impulse coupling insp. Mags re installed & retimed. Prop checked, b-laded & resys'd. Engine ground run & checked for leaks. Ground operation satisfactory. Engine recorded & AC returned to parking space.
				<p>I certify that this Engine has been inspected in accordance with <u>annual</u> inspection and was determined to be in airworthy condition. Date <u>18 July 98</u> Tach. Reading <u>3297</u> Total Hours <u>517.6</u> S/MON Chesapeake Aviation Service, Inc.</p> <p><i>Robert Montebello</i></p> <p>Signed <u>Robert Montebello</u></p>

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	SN024	532.6	Dial at climb. Shk 35 Mach 1.350 a/l. Slight wavy
				<i>Tom J. Clark</i> AB21608727
15 June 99	99 @ 3265 TT	555.6 SMC/H	Annual inspection completed at this time. Oil changed screen checked. Serviced 79th 151050 aeroshell. Comp. chkd: #1- $\frac{69}{80}$ 2- $\frac{74}{80}$ 3- $\frac{79}{80}$ 4- $\frac{70}{80}$ 5- $\frac{70}{80}$ 6- $\frac{70}{80}$; all plugs cleaned, gapped + tested. Mags + timing checked. Set R-28° + L-28° BTC. CWAD 96-09-06 by way 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.	
				I certify that this Eng. No. has been inspected in accordance with <u>an annual</u> inspection and was determined to be in airworthy condition. Date 15 June 99 Tach. Reading 3265 Total Hours Chesapeake Aviation Service, Inc. 555.6 SN024 <i>Tom J. Clark</i>
				Signed 1600126 I A

DATE	RECORDING TACH TIME	TODAY'S 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				

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

Thomas Feaster

John R Jennings

DATE	RECORDING TACH TIME	TODAY'S 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.)
21/00				
14 June	3327 TT	617.6 SMCN		<p>Completed annual inspection. Oil changed, screen checked. Serviced aeroshell 15W50. Compressions all satisfactory. Plugs cleaned & checked. Wires & timing checked. Oil filter replaced with BA5110 Rev-H 1AW AD 96-09-66, NLA. Fuel strainer & screen & checked. Exhaust sys. & mounts checked. Carb heat box repaired. Cowling repaired. Prop dressed. Ground round checked for holes. Operational check satisfactory.</p> <p>"I certify this engine + prop were inspected 1AW an Annual inspection and were determined to be in airworthy condition.</p> <p><i>Robert Whitehead</i> IA 1600126</p>

09/05	3343	Drained oil & removed oil screen for inspection. Cleaned gaskets & resealed plugs. Serviced with 7gts of AR15W50. Installed oil screen w/ new gasket. Compressions #1-75; #2-78; #3-72; #4-70; #5-74; #6-76. Performed engine
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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

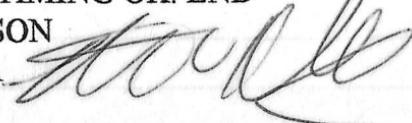
Drained oil - Serviced with 7 quarts
Aeroshell 15W50. Cleaned screen and
checked for metal particles - None
found - Leak check - OK

Russell Hudson

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



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	smot:	695.8	<p>Completed Annual Inspection</p> <p>AD 96-12-07 Inputs Date 3727, Tach Draw 0.1 clew Screen Scrubbed</p> <p>Engine w/ 945 15w50 Aeroshell Preformed Compression chart. #176 * 26 #374 * 24 74 * 25 70 * 20 72 (Clean & capped)</p> <p>Spark Plugs, checked May 4th and Cleared all Fuel Screens as necessary, Replaced Clean Air Filter # BAG108, Engine over Run satisfactory.</p> <p>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>6-25-02</u> Tach. Reading <u>3405.2</u> Total Hours <u>695.8 smot</u> Chesapeake Aviation Service, Inc.</p> <p><u>IA 214621824</u></p> <p>Signed <u>John S. Johnson</u></p>

DATE

RECORDING

TOTAL

DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS

ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER (OR 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

(Signature of authorized representative)

CRS #XR5R175Y

DATE	RECORDING TACH TIME	TODAY'S 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—				

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.

James D. Bell

LAWRENCE J. DONALDSON
IA216688993

DATE 19__	RECORDING TACH TIME	TODAY'S 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 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
LAWRENCE J. DONALDSON

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.



LAWRENCE J. DONALDSON
IA 216688993

DATE	RECORDING TACH TIME	TODAY'S 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 12, 2007 N5895A C-172 S/N 28495 TTAF 3513.3 SMOH 803.9

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 72/80 #2 74/80
#3 72/80 #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.)
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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.

Franklin D. Roosevelt

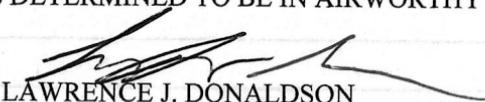
LAWRENCE J. DONALDSON

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.)
2/24/11	3595.6			Drained oil, cleared strainer, serviced w/ 7 qts Aeroshell 15/50 oil. Engine ground run OK. <u>END</u>
				<u>Brian Tuscher</u>
				<u>Brian Tuscher</u>
				A&P 3411784

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 SEALED. SERVICED CRANKCASE WITH 3 QUARTS OF AEROSHELL 15W50 OIL. Michael J. Kneel <i>Royal Aircraft</i>

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 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

RECORDING
TACH
TIME

TODAY'S 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 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

DATE	RECORDING TACH TIME	TODAY'S 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—				



Royal Aircraft Services, LLC
18335 Airpark Rd.
Hagerstown, MD 21742
301-791-3642 - FAX: 301-791-7368
CRS: IZRR651K

Date: 7/11/2014
N5895A

Tach: 3688.9
Cont Q-300-

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.)

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 -

- END -

Mark H. West

Michael J. Kissel for Royal Aircraft Services, LLC

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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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.

~~I hereby certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.~~
John G. 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.

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.)
7/19/15	3713			Drained oil, cleaned oil screen. Serviced W18 gts Phillips 20/50. A/c ground run OK. ~ END Brian Tuscher 7/19 18P3411784

DECEMBER 1, 2015 N5895A C-172 S/N 28495 TTAF 3729.2 SMOH 1019.8

COMPLETED ANNUAL INSPECTION. DRAINED OIL, CLEANED SCREEN. SERVICED WITH AEROSHELL 15/50 OIL. C/W MSB 654 ON L&R MAGNETO IMPULSE COUPLINGS, FOUND TO BE IN TOLERANCE, INSP DUE 4229 TACH. CLEANED AND GAPPED SPARKPLUGS. REPLACED SPARKPLUG GASKETS. DRAINED FUEL BOWL, CLEANED FUEL SCREENS. REPLACED AIRFILTER. COMPRESSION CHECK #1 74/80 #2 70/80 #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.

Z. J. K. H.

LAWRENCE J. DONALDSON
IA 216688993

DATE 2016 10	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.)
4/13	3054			Inspection, clean run. Fuel wkt Scorrell 15/50 oil. No gear run soft

DECEMBER 21, 2016 N5895A C-172 S/N 28495 TTAF 3777.2 SMOH 1067.8

COMPLETED ANNUAL INSPECTION. DRAINED OIL, CLEANED SCREEN. SERVICED WITH AEROSHELL 15/50 OIL. CLEANED AND GAPPED SPARKPLUGS. REPLACED SPARKPLUG GASKETS. DRAINED FUEL BOWL, CLEANED FUEL SCREENS. REPLACED AIRFILTER. COMPRESSION CHECK # 76/80 #2 74/80 #3 72/80 #4 76/80 #5 72/80 #6 76/80. 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.

CONDITION.

LAWRENCE J. DONALDSON
JA 216688993

DATE 2017 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.)
8/29	3799			Doral, down. Doral South 15 low. High in muff
				T. H. R.
				MP21068893

DECEMBER 14, 2017 N5895A C-172 S/N 28495 TTAF 3806.2 SMOH 1096.8

COMPLETED ANNUAL INSPECTION. DRAINED OIL, CLEANED SCREEN. SERVICED WITH AEROSHELL 15/50 OIL. REPLACED OIL DRAIN P/N S1000. CLEANED AND GAPPED SPARKPLUGS. REPLACED SPARKPLUG GASKETS. DRAINED FUEL BOWL, CLEANED FUEL SCREENS. REPLACED AIRFILTER. REPLACED LEFT MUFFLER WITH NEW P/N A0550157-9. REPLACED CARB HEAT SCAT HOSE. COMPRESSION CHECK #1 76/80 #2 76/80 #3 72/80 #4 76/80 68/80 #6 76/80. 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.

F. W. S.

LAWRENCE J. DONALDSON
JA 216688993

DATE 2018	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.)
8/15	3829			DRAINED OIL. SERVICED WITH SEVEN QUARTS AEROSHELL 15/50

Russell Glencor

379159

DECEMBER 14, 2018 N5895A C-172 S/N 28495 TTAF 3835.2 SMOH 1125.8

COMPLETED ANNUAL INSPECTION. DRAINED OIL, CLEANED SCREEN.
SERVICED WITH AEROSHELL 15/50 OIL. CLEANED AND GAPPED
SPARKPLUGS. REPLACED SPARKPLUG GASKETS. DRAINED FUEL BOWL,
CLEANED FUEL SCREENS. REPLACED AIRFILTER. REPLACED GENERATOR
WITH OVERHAULED UNIT P/N 1101890 S/N 2497. REPLACED CABIN HEAT
SCAT HOSE. REPLACED TWO ROCKER COVER GASKETS. COMPRESSION
CHECK #1 78/80 #2 72/80 #3 72/80 #4 76/80 #5 70/80 #6 76/80. A/C GROUND RU
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 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 Blance 3379159

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.)
19-20				
8/8	3891			DRAINED OIL - SERVICED WITH SEVEN QUARTS AEROSHELL 15/150 - <u>Ronel Alanca</u>
				3379159

DECEMBER 1, 2020 N5895A C-172 S/N 28495 TTAF 3901.1 SMOH 11917

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 76/80 #3 74/80 #4 78/80 #5 70/80 #6 76/80. A/ GROUND RUN SATISFACTORY. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND WAS DETERMINED TO BE I

AIRWORTHY CONDITION.

THE WORKMAN CONDITION.

LAWRENCE J. DONALDSON
IA 216688993

DATE
19TOTAL
TIME IN
SERVICEREFERENCE OF MAJOR REPAIRS AND MAJOR ALTERATIONS TO
FAA FORM ACA-337 BY DATE, OR TO THE WORK ORDER BY NUMBER AND THE APPROVING AGENCY.

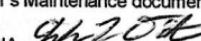
ENGINE LOG BOOK ENTRY		W/O# EA-1053	Excelsair Aviation LLC	DATE: 01/15/2022
N#- N5895A		MAKE: Cessna	M/N: 172	S/N: 28495
AC Total Time: 3934.6		AC Tach Time: 3934.6		
ENG. Mfr.: Continental		ENG. M/N: O-300-A	ENG. S/N: 11080D-6-A	
ENG. Total Time: 3934.6		ENG. SMOH: N/A		

Performed Annual Inspection IAW 14 CFR § 43 Appendix D.

1. Performed pre-insp Eng. run and AC equipment operation tests, no defects noted.
2. Performed compression test; Cyl. #1- 76/80, #2- 76/80, #3- 72/80, #4- 78/80, #5- 70/80, #6- 77/80.
3. Check magneto to engine timing, no adjustment necessary. Checked ignition leads, NDN. Cleaned, gapped, rotated, and installed spark plugs.
4. Installed new valve cover gaskets p/n 655706.
5. Installed FAA-PMA Real Gasket Tube Kit p/n RG-200PRT-1 on cylinder #2 IAW STC SE00533SE Assembly Instructions Drawing 9827 Rev 08/03/2020, Instructions for Continued Airworthiness with AC logbooks, repetitive inspection due each Annual/100 hour inspection. Kit is FAA-PMA part 337 not required, W&B change negligible.
6. Installed new EGT probe p/n 712-2DWK Checked AD's applicable to the above-mentioned engine. Current compliance list with AC logs.
7. C/W AD 76-07-12 by operational check of ignition switch, NDN, Due +100hrs at ACTT: 4034.6.
8. Ground run leak and operational check satisfactory. Aircraft returned to service at this time.

This engine 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 L Daniels Cert. A&P 3710770 IA



DATE
19__

TOTAL
TIME IN
SERVICE

JANUARY 2, 2023 N5895A C-172 S/N 28495 TTAF 3960.6 SMOH 1251.3

GENCY.

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 76/80 #3 72/80 #4 76/80 #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

Plane Care, LLC
14235 Oak Springs Rd.
Hagerstown, MD 21742

DATE 06/15/23 TACH 3978.6 W/O 1737
N# 5895A MAKE Cont MODEL O-300-A S/N 11080-D-5-A

Changed oil with 7 qts Aeroshell 15W50. Inspected and cleaned oil screen and found OK. Ground ran engine. Leak and ops checked OK. This engine is approved for return to service in respect to work performed. All work was performed I/A/W manufacturer's maintenance manuals and current federal aviation regulations.

Signed: Joseph S. Hartt

FAA Approved Repair Station H5GRO500



DATE
8/11/23TOTAL
TIME IN
SERVICE
4003REFERENCE 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* #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

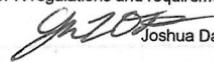
IA 216688993

DATE 2021 10	A. D. NUMBER	TOTAL TIME IN SERVICE	AIRWORTHINESS DIRECTIVES CHRONOLOGICAL LISTING OF COMPLIANCE AND METHOD OF COMPLIANCE.
8-10	4030		Replace Prop E6T probe PIN: 125 4S12 Probe operation checked Cleared Jeff Hall 4272689 225

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 A&P 3710770 IA

DATE
19 25

A. D.
NUMBER

TOTAL
TIME IN
SERVICE

JANUARY 13, 2025 N5895A C-172 S/N 28495 TTAF 4038.6 SMOH 1329.2

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 78/80 #74/80 #4 76/80 #5 70/80 #6 76/80. 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

7/9 4056.1 DRAINED OIL. SERVICED WITH SEVEN QUARTS
OF AEROSHELL 15/50


PP 3379159

DATE
19

A. D.
NUMBER

JANUARY 21, 2026 N5895A C-172 S/N 28495 TTAF 4072.3 SMOH 1362.9

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 76/80 #3 76/80 #4 78/80 #5 72/80 #6 76/80. 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