N299PM

ENGINE LOG BOOK

TELEDYNE

TM

CONTINENTAL MOTORS

No. ELB-01

must be accomplished using industry standard maintenance practices and applicable government reg-lati
meeting the requirements of any service bulletin. Procedures

Engine Service and Maintenance Record

Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

Serviced Engine with 8 Qts of Phillips 20W50 Straight Mineral Oil on 7/26/02 by _____. MFG 105

Date	Total Time Hrs.	Total Time Min.	Time Since Last Overhaul Hrs.	Time Since Last Overhaul Min.	
7-26-02	0	0			
N299PM CIRRUS SR22 S/N 0306					
9-12-2002	30	.4	30.	4	oil & Filter changed - serviced with phillips 20W50 Mineral oil, Filter cut open & Inspected. Ground Run/Leak chk. David E. Routh A&P 129460133
					Empire East Aviation, Inc. Queensbury Ave. Queensbury, NY 12804 WO#793
10-2-2002	62	.6	62.	6	① oil & Filter changed - Serviced with Aeroshell 15W50 oil - Filter cut open & Inspected. Run up/Leak ck - norm. David E. Routh A&P 129460133
					② Inspected Exhaust system per owner Service Advisory SA 02-16 - Slips Joints Tight, visual Inspection Nominal. D.E. Routh
11-7-2002	112.3		112	.3	① oil & Filter change - Serviced with Exxon Elite 20W50 & CH48108 Filter.
					② Installed Reiff Corp. Engine Heater System FAA-PMA No. PQ2585CE. Per installation Instructions. - 6 Cyl Band Heaters & 2 Hot strip sump Heaters 1.8 lbs Total Installed wt.
					③ Ground Run & Leak ck - ops ck Heater system. David E. Routh A&P 129460133
					Empire East Aviation, Inc. 443 Queensbury Ave. Queensbury, NY 12804 WO# [redacted]

Engine Service and Maintenance Record

Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

Date	Total Time Hrs.	Total Time Min.	Time Since Last Overhaul Hrs.	Time Since Last Overhaul Min.	
Brought Forward →					
12 23-2002	141	9	141	9	① oil & Filter changed Filter cutopen & Inspected-clean. Serviced w/ Exxon Elite 20w50 oil. Run & Leak Ck'd ② Installed M.20 Separators, LLC Air/oil separator on LH Rear Baffle (model #300) IAW STC # SA02033AT – Form 337 Filed, the net wt change is 5.5 oz. There is no effect on weight & Balance. The Acft. is Returned to Service under WO#847 Dated 12/23/02 David E. Routh
2/17/03			170.4		oil & Filter changed, switched to Aeroshell. from ACFT Log p31
3/31/03			203	5	① Service w/ 3 qts Aeroshell 15W50 ② Recrimped CHT probe wire terminal #2, 4 & 6 cyl David E. Routh A&P 129460133
4/29/03			223.2		Oil & Filter changed 8 qts Aeroshell 15W50 & CHAMPION CH48108 Filter INSTalled. Leak checked ok. Charles E. Mullen A&P 564422331
4/29/03			223.2		Cpl SB Cirrus # 2X71-05 R1 By modifing Induction Duct Assy Support Bracket By Installation of Kit 7005-001 - Rigging of ALT Air Door Ck'd - David E. Routh WO#809 A&P 129460133
6/20/03			283.7 hrs		oil & Filter changed - Aeroshell 15W50 serviced Batt. w/ H2O David E. Routh and RUN & Leak Ck'd. 129460133 A&P
7/28/03			315.5 Hrs		① oil & Filter changed - Aeroshell 15W50, Filter cut & Insp. ② clean and gap spark plugs - Replaced 1 ③ Recrimp #3 cyl. EGT & CHT probe to Harness connectors Ground Run & Leak Ck. David E. Routh A&P 129460133

Empire East Aviation, Inc.
443 Queensbury Ave. WO# 981
Queensbury, NY 12804

Engine Service and Maintenance Record

Date	Total Time Hrs.	Total Time Min.	Time Since Last Overhaul Hrs.	Time Since Last Overhaul Min.	Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
Brought Forward →					
9/5/2003	349.	8	349.	8	(1) oil & Filter changed - Sopto Aeroshell 15W50 Filter cut open & Inspected - normal.
					(2) Comp ck: 1 75/80, 2 73/80, 3 73/80, 4 70/80, 5 72/80, 6 72/80
					(3) Replaced all spark plugs RHB32E
					(4) Repaired Burnt spring tip on 1 Lead
					(5) Remove RT Mag, Reset E-gap to 10° Reinstalled and set Timming of Both Mags to 22° BTDC
					(6) Replaced seals in #2 Ex push Rod Housing.
					Empire East Aviation, Inc. 448 Queensbury Ave. Queensbury, NY 12804
					Inspected & Serviced IAW chapter 5-20 and an Annual Inspection and determined that the Engine & Prop Airworthy. David E. Routh A&P 1294603 IA
					W/# 1006 dated 9/26

Airways, Inc. 520 Airport Rd Lititz, Pennsylvania 17543
LOG ID# 603 10-October-2003 WO# 3885 REF# 3885 HOBBS 371.0 Pg 1 / 1
N299PM S/N 0306 CIRRUS SR22

-ENGINE LOG-
REMOVED ALL CYLINDERS AND HONED. REPLACED ALL RINGS AND GAPPED TO SPECS, REINSTALLED CYLINDERS WITH NEW SEALS AND GASKETS. TORQUED ROCKER BOLTS TO SPEC AND TORQUED ALL CYLINDERS TO SPEC. CLEANED AND GAPPED PLUGS, INSTALLED 4 IGNITION LEAD SPRINGS, REPLACED OIL FILTER AND SERVICED WITH 8 QTS OF A/S 80 MINERAL OIL. PERFORMED A GROUND RUN UP AND LEAK CHECK, CHECKED GOOD.-END-

Signed A&P 2699478 James J. Mazzante

10-28-03	401.6				Changed oil & Filter. Aeroshell 100 min. Serviced Tires & checked Lights. Washed Engine, Ground Run & Leak Checked. [signature] IA2197076
11-25-03	431.5				Changed oil & Filter. Serviced with 8 quarts AeroShell 15W-50 & Champion CH48108 Filter. Filter Cut open for Inspection - No Metal Found. Ground Run, No Leaks observed at this time. Ellis Whigham A&P 4243617281A

Engine Service and Maintenance Record

Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

Date	Total Time Hrs.	Total Time Min.	Time Since Last Overhaul Hrs.	Time Since Last Overhaul Min.	Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
Brought Forward →					
1-8-2004	475.5				Changed oil & Filter. Serviced with 8 QTS. Aeroshell 15W-50, 1-CH48108 oil Filter. Ground Run Engine - No Leaks Observed. Filter Cut Open - No Metal Found. — End
					Ellis Whigham A&P 424561728
2-21-2004	526.0				Changed oil & Filter. Serviced with 8 QTS Aeroshell 15W-50, 1-CH48108 oil Filter. Old Filter Cut Open - No Metal Found. Ground Run Engine - No Leaks Observed. —
					Ellis Whigham A&P 424561728
3-22-2004	582.1				Changed oil & Filter, Serviced with 8 QTS Aeroshell 15W-50, 1-CH48108 oil Filter. 1-MS35769-11 oil Plug Gasket. Old Filter Cut Open - No Metal Found. — Ground Run Engine - No Leaks Observed. —
					Ellis Whigham A&P 424561728
4-22-2004	634.4				Changed oil & Filter, Serviced with 8 QTS Aeroshell 15W-50, 1-CH48108 oil Filter, 1-MS35769-11 oil Plug Gasket - Old Filter Cut Open - No Metal Found. Ground Run Engine No Leaks Observed - Ellis Whigham A&P 424561728
6-07-2004	684.9				Changed oil & Filter, Serviced with 8 QTS. Aeroshell 15W-50, 1-CH48108 oil Filter, 1-MS35769-11 oil Plug Gasket - Old Filter Cut Open - No Metal Found - Ground Run No Leaks Observed - Ellis Whigham A&P 424561728
8-17-04	739.0				Changed oil & Filter, Serviced with 8 quarts Aeroshell 15W-50, 1-CH48108 oil Filter, 1-MS35769-11 oil Plug Gasket. Old Filter Cut Open No Metal Found. Ground Run - No Leaks Observed. — End.
					Ellis Whigham A&P 424561728

Engine Service and Maintenance Record

Date	Total Time Hrs.	Total Time Min.	Time Since Last Overhaul Hrs.	Time Since Last Overhaul Min.	Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
Brought Forward →					
9-29-04	784	8			Changed Engine Oil And Filter. Serviced with 8 QTS AeroShell 15W-50, 1-CH48108 Champion Oil Filter. 1-MS35769-11 Oil Drain Plug Gasket. Old Filter Cut Open - No Metal Found. Cleaned, Gapped And Tested Spark Plugs Compression Test. Cyls #1-76/80 #2-72/80 #3-76/80 #4-75/80 #5-64/80 #6-75/80. Ground Run No Leaks Observed At This Time. — End —
					I certify that this ~~aircraft~~/engine has been inspected in accordan with a/an ANNUAL Inspection and was determin to be in an ~~airworthy condition~~. Ellis Whigham A & P 424561728 IA
					Ellis Whigham
10-26-04	840	9			Changed Oil And Filter. Serviced With 8 QTS AeroShell 15W-50, 1-CH48108-1 Champion Oil Filter, 1-MS35769-11 Oil Drain Plug Gasket. Old Filter Cut Open, No Metal Found. Ground Run Engine No Leaks Observed. — End —
					Ellis Whigham A&P 424561728
1-25-2005	878	9			Installed CHT Sensor Source Control P/N 14880-001 Cylinder #6. Ground Run Operational Check Okay. — End —
					Ellis Whigham A&P 424561728
2-15-2005	890.0 Hrs				Changed Oil And Filter, Serviced With 8 QTS AeroShell 15W-50, 1-CH48108-1 Oil Filter. Filter Cut Open - No Metal Found. Oil Analysis Sample Taken. Compression Test On #5 Cyl 75/80. Ground Run - No Leaks Observed. —
					Ellis Whigham A&P 424561728

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
2005	Hrs.	Min.	Hrs.	Min.	
Brought Forward	Hobbs				
4-19-05	940.4				Changed Oil and Filter, Serviced With 8 QTS Aeroshell 15W-50, 1-CH48108 Oil Filter. Old Filter Cut Open NO Metal Found. Ground Run - No Leaks Observed. Ellis Whigham A&P 424561728
6-10-05	Hobbs 980.8 Hrs				Removed Right Magneto due To Mal Function Installed Overhauled Unit From Quality Aircraft Accessories, Tulsa, OK. W/O# 27797 Bendix (TCM) P/N 10-500556-1 S/N E209903 DR Set Timing, Left & Right Magnetos 22° BTDC. Ellis Whigham A&P 424561728
6-20-05	Hobbs 995.8 Hrs				Changed Oil and Filter, Serviced With 8 QTS Aeroshell 15W-50, 1-CH48108-1 Oil Filter. Old Filter Cut Open - NO Metal Found. Ground Run No Leaks Observed. —— End —— Ellis Whigham A&P 424561728
8-5-05	Hobbs 1035.6 Hrs				Installed Tachometer Sensor on Right Magneto. Adjusted Magneto Timing. Ellis Whigham A&P 424561728
9-16-05	Hobbs 1059.9				Inspected Engine In Accordance With FAR 43 Appendix "D", Cirrus Service Manual P/N 13773-001. Changed Oil & Filter, Serviced With 8 QTS Aeroshell 15W-50, 1-CH48108-1 Oil Filter. Installed 12 New Spark Plugs Champion RHB32E. Compression Test As Follows #1-76/80 #2-75/80 #3-78/80 #4-78/80 #5-75/80 #6-79/80 Ground Run - Ops. Check Okay. No Leaks Observed At This Time. —— End ——

I certify that this ~~aircraft/engine~~ has
been inspected in accordance
with ~~a/an~~ ANNUAL
Inspection and was determined to
be in an airworthy condition.
Ellis Whigham A & P 424561728 IA
Ellis Whigham

Date	Total Time Hrs.	Total Time Min.	Time Since Last Overhaul Hrs.	Time Since Last Overhaul Min.	**Engine Service and Maintenance Record** Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
Brought Forward →					
					N299PM
					1-12-2006
					Hobbs Meter 1116.2 Hrs.
					Changed Engine Oil and Filter. Serviced
					with 1-CH48108-1 Oil Filter, 8 QTS Aeroshell 15W-50
					Old Filter Cut Open - No Metal Found. Ground
					Run - No Leaks observed.
					Ellis Whigham A&P 424561728
4-14-06	Hobbs 1160.°				Changed Oil & Filter, Serviced with 8 QTS
					Aeroshell 15W-50, 1-CH48110 Oil Filter.
					Ground Run - No Leaks observed.
					Ellis Whigham A&P 424561728
10-12-06	Hobbs 1219.2				Inspected Engine In Accordance with FAR 43
					Appendix "D". Serviced with 8 QTS Aeroshell 15W-50,
					1-CH48108-1 Oil Filter. Cleaned and Tested
					Spark Plugs, Rotated Top-Bottom, Replaced
					w/New RHB32E Champion #2 Cyl Top Plug.
					Removed Left Magneto Bendix 10-500556-1
					S/N D02FA180 Due 500 Hr Insp. Replaced with
					Overhauled Unit From Quality Aircraft Access.
					W/P# 46928 Bendix 10-500556-1 S/N D02JA003
					Adjusted Magneto Timing (Both) 22° BTDC -
					Compression Test #1-65/80 #2-75/80 #3-70/80 #4-75/80
					#5-75/80 #6 75/80. Replaced Air Filter Element
					w/New BA-24. Ground Run - OPS Check Good
					I certify that this ~~aircraft~~/engine has been inspected in accordance with a/an Annual Inspection and was determined to be in an airworthy condition. Ellis Whigham A & P ~~424561728 AIA~~
					Ellis Whigham A&P 424561728 IA

Date	Total Time		Time Since Last Overhaul		**Engine Service and Maintenance Record** Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward →					

4-12-07 N299PM
Hobbs 1279.5
Changed Engine oil & Filter
Serviced with 8 QTS Aeroshell
15W-50, 1-CH 48108-1 oil Filter
Ground Run - No Leaks Observed
Ellis Whigham A&P 424561728

6-5-2007 Hobbs Meter 1333.6

Changed Engine oil & Filter. Serviced
with 7 QTS Aeroshell 15W-50. 1-CH48108-1
oil Filter. Ground Run - No Leaks Observed
— End —
Ellis Whigham A&P 424561728

8-28-2007 N299PM S/N 0306
Changed Engine oil and Filter
Serviced with 7 QTS Aeroshell 15W-50
1-CH48108-1 oil Filter. Oil
Sample Taken. Ground Run - No Leaks
Observed. Ellis Whigham A&P 424561728

Date	Total Time		Time Since ~~Last~~ Overhaul		Engine Service and Maintenance Record
2007	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
Brought Forward					
	11-6-07		1411.8		Inspected Engine In Accordance With FAR 43 Appendix "D". Cleaned, Tested And Rotate Spark Plugs Top/Bottom. Serviced Battery, Replaced Air Filter With New BA-24, Compression Test #1-72/80 #2-72/80 #3-76/80 #4-72/80 #5-70/80 #6-76/80 Checked Magneto Timing 22° BTC & Ground Run-Operational Check Satisfactory &
					I certify that this ~~aircraft~~/engine has been inspected in accordance with ~~a/an~~ Annual Inspection and was determined to be in an airworthy condition. Ellis Whigham A & P 424561728 IA

02/06/2008 Hobbs reads 1435.2
Replaced right magneto with overhauled unit from
Quality Aircraft Accessories, S/N D04AA024.
Gapped plugs. Runup checked.

Thomas D. LaCombe IA 2788694 A&P

1. Approving National Aviation Authority/Country:	2. AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG	3. Form Tracking Number: QAA# 46091
4. Organization Name and Address: Quality Aircraft Accessories Inc. (QYIR334Y) 5746 E. Apache Tulsa, OK 74115	Phone: 1-877-833-6948 918-835-6948 Fax: 918-835-2804	5. Work Order/Invoice Number INV # 62429

6. Item	7. Description	8. Part Number	9. Eligibility*	10. QTY	11. Serial/Batch Number	12. Status/Work
1	MAGNETO	10-500556-1	(VARIOUS)	1	D04AA024	Overhaul (exchange)

13. Remarks:
- CSB641 CONDENSOR
- MSB644 COIL & ROTOR (AD 94-01-03R2)
- MSB645 500 HR. IMPULSE INSPECTION (AD 2005-12-06)

The work identified in Block 12 and described in Block 13 except as otherwise specified was carried out in accordance with EASA 145 and in respect to that work the aircraft component is considered ready for release to service under EASA acceptance Certificate number EASA 145.5982

See Attached Work Order Summary for details. (2) pages (MECH: DLR)

~~14. Certifies the items identified above were manufactured in conformity to:~~
- ~~☐ Approved design data and are in a condition for safe operation~~
- ~~☐ Non-approved design data specified in Block 13~~

19. ☒ 14 CFR 43.9 Return to Service ☒ Other regulation specified in Block 13

Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the item(s) is (are) approved for return to service.

~~15. Authorized Signature:~~	~~16. Approval/Authorization No.:~~	20. Authorized Signature:	21. Approval/Certificate No.: QYIR334Y
~~17. Name (Typed or Printed):~~	~~18. Date (m/d/y):~~	22. Name (Typed or Printed): David Dutton	23. Date (m/d/y): 02/05/08

FAA Form 8130-3 (9-07)

*Installer must cross check eligibility with applicable technical data.

Date	Total Time		Time Since Last Overhaul		**Engine Service and Maintenance Record** Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
3-11-08	Hrs.	Min.	Hrs.	Min.	
Brought Forward →					
3-11-08	1439.7				Changed Engine Oil And Filter. Serviced With 8 QTS Aeroshell 15W-50, 1-CH48108-1 Champion Oil Filter. Removed Alternator TCM P/N 646842 S/N 002GA032 Overhauled by Quality Aircraft Accessories Tulsa, OK. Installed Same. Ground Run - Operan Normal Test Satisfactory - No Leaks Observed. Ellis Whigham A&P 424561728

N299PM Cirrus SR-22 S/N 0306
Hobbs: 1495.2 Hrs 6-27-08

Changed Engine Oil And Filter. Serviced With 7 QTS Aeroshell 15W-50, 1-CH48108-1 Oil Filter. Oil Sample Taken, Old Filter Cut Open For Inspection - Condition Normal.

Ellis Whigham A&P 424561728

N399PM S/N 0306 Hobbs 1540.6

Changed Engine Oil & Filter, Serviced with 7 QTS Aeroshell 15W-50, ~~1-CH48108-1~~ Champion Oil Filter. Serviced Battery. Ground Run - No Leaks observed at this time.

Ellis Whigham A&P 424561728

Engine Service and Maintenance Record

Date	Total Time Hrs.	Total Time Min.	Time Since Last Overhaul Hrs.	Time Since Last Overhaul Min.	Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
2008					
Brought Forward →					
12-19-08	1555	6			Inspected Engine In Accordance With FAR 43 Appendix "D" And Cessna Maintenance Manual 13773-001. Replaced Air Filter Element RA-24. New Champion Spark Plugs 12-RHB32E. #6 CHT Sensor P/N 14880-001. Cleaned Fuel Nozzles, Replaced Gaskets - O-Rings 6-630979-9 O-Ring, 6-640612 Seal, 6-628556 Washer. Removed #2 Alternator, Bench Tested - Passed. Installed New Drive Coupling P/N 410-227-2. Installed New Intake Tube Gaskets P/N 649950. Checked Magneto Timing. Ground Run - Operational Check - Satisfactory. — End —
					I certify that ~~this aircraft/engine~~ has been inspected in accordance with ~~a~~ an ANNUAL Inspection and was determined to be in an airworthy condition. Ellis Whigham A & P 424561728 IA Ellis Whigham
3-10-2009	1580	3			Replaced #6 EGT Sensor P/N 16579-002 Ground - Operational Check Satisfactory Ellis Whigham A&P 424561728
4-19-2009	1592				Changed Oil And Filter, Serviced With 8 QTS Aeroshell 15W-50, 1-CH48108-1 Oil Filter. Oil Sample Taken. Old Filter Cut Open - No Metal Found. Ground Run No Leaks Observed At This Time. — Ellis Whigham A&P 424561728
26 aug 2009	Hobbs	1642.8			Change oil + filter Aeroshell 15W50 oil CH48108-1 filter Service Battery + Brake Chk filter + found OK. Run up & no leaks Return to Service [illegible] A&P 1458747.

Engine Service and Maintenance Record

Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

Date	Total Time Hrs.	Total Time Min.	Time Since Last Overhaul Hrs.	Time Since Last Overhaul Min.	
Brought Forward →					
09-08-09	1698.0				Removed Engine Driven fuel pump sent to Mike Sheldon for overhaul - S/N 302FA337 Reinstall same after overhaul. Ground Run and adjusted Per Contractor Service manual [signature] 3213493 A&P
12 Jan 2010	Hour Meter				1691.0 hr Change oil & filter CH48109-1 filter Aeroshell 15W50 oil, Clean gap & test plugs compress #1 73/80 #2 64/80 #3 72/80 #4 77/80 #5 67/80 #6 62/80 Replace BA-24 air filter. Replace Belt and nut on gov AN3-14 Bolt & AN310-3 nut. I certify that this aircraft/engine has been inspected in accordance with a/an 100 hr inspection and was determined to be in an airworthy condition. Baron C. Wylie A & P 1488747 IA [signature]
9 June 2010	Hour Meter				1737.3 hr Change oil & filter Aeroshell 15W50 oil, cut filter & found OK. Service Battery check air filter OK, Clean #6 EGT & prope Run up & check OK Return to Service [signature] A&P 1488747
11/04/10	1792.1	Hobbs			Changed oil & filter w/ Aeroshell 15W50 & CH48109 filter. Adjust Bracket on Nose alternator harness. Clean Terminals on #6 CHT Probe. Serviced Aircraft Battery, Serviced nose wheel Struts. Repair LH MLG fairing. [signature] 3213493 A&P End

Date	Total Time		Time Since Last Overhaul		**Engine Service and Maintenance Record**
1 Mar 2011	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
Brought Forward →			Hobbs	1811.1	

Change oil & filter Aeroshell 15W50 oil
CH48109-1 filter. Clamp pipe Tail pipe
Replace air filter BA24. Check Mag
timing Compression #1 66/80 #2 70/80 #3 72/80 #4 72/80
#5 70/80 #6 60/80. Press Prep.

I certify that this aircraft/engine has been inspected in accordance with a/an 100 hr inspection and was determined to be in an airworthy condition.
Baron C. Wylie A & P 1488747 IA

8-19-11 Hobbs 1864.8
Changed oil & filter. Serviced with 8 Qts Aeroshell 15W50 and Champion CH48109-1 filter. Serviced Aircraft Battery. Ground Run. no leaks Detected. Aircraft Return To Service
3213493 A&P.
END

11-23-11	1905.6				Changed oil & filter Serviced with 8 QTS Aeroshell 15W50 & Champion CH48109-1 filter. Ground Run. no leaks Detected. Return to Service 3213493 A&P END

Date	Hrs.	Min.	Hrs.	Min.	Items
12-12	1914	40	1914	40	Remove Top Plugs & Run Compression #1 69/80 R. #2 69/80 #3 70/80 #4 72/80 #5 72/80 #6 70/80. Install New RHR32E Plugs. C/W 500 h Alternator Drive Insp. CMAD 2005-12-06 Tachometer Inspection. Install New Inlet air Filter Replace Trans is tion on Exhaust with New Part From Cirrus. Chd all Controls For Security & Operation. All Systems Chd Okay at this Time.
					DATE 1-12-12 ~~TACH~~/HOBBS 1914.4 I CERTIFY THAT THIS Engine HAS BEEN INSPECTED IN ACCORDANCE WITH 100 h. INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION AND WAS RETURNED TO SERVICE [signature] Phillip O. Brenner BrenAir Inc. 34009 KSEA
8-1-13	1914	7	1914	7	Remove Top Plugs & Run Compression #1 69/80 #2 69/80 #3 70/80 #4 72/80 #5 70/80 #6 70/80. Change Oil & Filter with Sgt AS 15W50 Removed Muffler For Overhaul & Reinstall Chd All Controls For Security & Operation. All Systems Chd Ok at This Time.
					DATE 8-1-13 ~~TACH~~/HOBBS 1914.7 I CERTIFY THAT THIS Engine HAS BEEN INSPECTED IN ACCORDANCE WITH 100 hr. INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION AND WAS RETURNED TO SERVICE [signature] Phillip O. Brenner BrenAir Inc. 34009 KSEA

Date	Total Time		Time Since Last Overhaul		**Engine Service and Maintenance Record**
	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
Brought Forward →					

AUTOPILOTS CENTRAL INC

Hangar 23, Tulsa International Airport-Tulsa, OK 74115
(918)836-6418

Date: 11/11/2014; Aircraft: N299PM
WO: MA14-04598 Hobbs: 1916.0

Continental Motors 100 Hour Inspection. IO-550-N(7) S/N: 686360.
Inspected this engine using the Cirrus Aircraft inspection form. Changed the oil [redacted]. Did not change the oil filter. Filter last changed at 1914.7 hours. Obtained oil sample for analysis. Installed 8 qts of Aeroshell 15W50 oil and 1 pt. of Camguard oil additive. Inspected for leaks. Compression readings: 1-70, 2-74, 3-72, 4-65, 5-71 & 6-75 over 80 psi. Master orifice reading was 48 psi. Removed, cleaned, gapped, tested and rotated the spark plugs. Re-installed using new gaskets. Removed corrosion from spark plug lead contacts. Tightened all screws in engine baffling.

I certify this Engine has been inspected in accordance with a 100 Hour inspection and was determined to be in airworthy condition this date.

Signature Steve Collins
Autopilots Central, Inc. CRS CM2R747K

K.R.T. Aviation LLC.
Tulsa, OK 74132
(KRVS)
918-710-0073

03/27/2017 N299PM Continental IO-550-N (7) Ser: 686360 Hobbs: 1920.5 ETT: 1920.5

Removed upper and lower cowling for annual inspection, performed Compression test #1) 72/80 #2) 69/80 #3) 73/80 #4) 74/80 #5) 74/80 #6) 75/80, drained oil from engine, removed oil filter, cut filter open and inspected for metal no metal was present at this time, installed new oil filter P/N AA48108-2 torqued to specs and saftied. Filled engine with 8 qts. of Aeroshell 15W-50. Removed, gapped, cleaned, tested and reinstalled spark plugs, removed extra washer from #6 intake bolt, replaced left mag gasket, replaced dipstick and dipstick gasket, tightened inner cylinder baffling between #1 and #3 cylinders, replaced exhaust tip hold down strap, removed zip ties on right engine mount. Lubed control cables and pulleys, replaced induction air filter P/N BA-24. Checked magneto timing to engine, adjusted left and right magneto to engine timing. Performed AD search and found there to be no applicable AD'S at this time. Test ran engine to inspect for leaks and no leaks were found at this time. Pertinent details for work order #1911 are on file at K.R.T. Aviation. All work was performed in reference with the manufacture's maintenance manual. I certify that I have inspected this Engine in reference with an annual inspection per 14CFR 43 appendix D and have determined it to be in an airworthy condition for return to service.

Keith Thomas
AP3370165IA

K.R.T. Aviation LLC
Tulsa, OK 74132
(KRVS)
918-710-0073

11/16/2018 N299PM Continental IO-550-N (7) Ser: 686360 Hobbs: 1921.0 ETT: 1921.0

Removed upper and lower cowling for annual inspection, performed compression test #1) 72/80 #2) 50/80 #3) 70/80 #4) 72/80 #5) 65/80 #6) 74/80, recommend re-test cylinder #2 compression in 5 hours. Removed, gapped, cleaned, tested and reinstalled spark plugs. Lubed control cables and pulleys, replaced induction air filter P/N BA-24. Checked magneto timing to engine. Performed AD search and found there to be no applicable AD'S at this time. Test ran engine to inspect for leaks and no leaks were found at this time. Pertinent details for work order #2378 are on file at K.R.T. Aviation. All work was performed in reference with the manufacture's maintenance manual. I certify that I have inspected this Engine in reference with an annual inspection per 14CFR 43 appendix D and have determined it to be in an airworthy condition for return to service.

Keith Thomas
AP3370165IA

Date	Total Time		Time Since Last Overhaul		**Engine Service and Maintenance Record** Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	

Brought

K.R.T. Aviation LLC
Tulsa, OK 74132
(KRVS)
918-710-0073

11/15/2019 N299PM Continental IO-550-N (7) Ser: 686360 Hobbs: 1921.1 ETT: 1921.1

Removed upper and lower cowling for annual inspection, performed compression test #1) 65/80 #2) 73/80 #3) 74/80 #4) 71/80 #5) 75/80 #6) 78/80. Removed, gapped, cleaned, tested and reinstalled spark plugs. Lubed control cables and pulleys, replaced induction air filter P/N BA-24. Repaired cylinder #5 baffling, repaired baffling support on rear of engine, stop drilled baffling behind propeller, stop drilled cylinder #6 baffling. Checked magneto timing to engine. Adjusted idle RPM. Performed AD search and found there to be no applicable AD'S at this time. Test ran engine to inspect for leaks and no leaks were found at this time. Reinstalled upper and lower cowling. Pertinent details for work order #2650 are on file at K.R.T. Aviation. All work was performed in reference with the manufacture's maintenance manual. I certify that I have inspected this Engine in reference with an annual inspection per 14CFR 43 appendix D and have determined it to be in an airworthy condition for return to service.

Keith Thomas
AP3370165IA

Continental IO-550, serial 686360. 9 May 2023. Hobbs 1922.0 Inspected engine per FAR 43 App. D. All compressions 66/80 or better. Mag timing checked okay. Ground run satisfactory. AD 20-16-11 N/A by date. AD 23-02-12 N/A by. AD 23-05-16 N/A by date. I certify this engine has been inspected in accordance with 100 inspection and was determined to be in an airworthy condition.

Kent Felkins AP 2666760