

Avtech

Fleming-Mason Airport (FGX) 7079 Airport Rd. Maysville, KY 41056 606-742-2084 avtech@alltel.net

Airframe Entry N160CP:

Cirrus SR20 S/N 1751 Date: 5/11/07 Flight Hobbs: 90

Performed the following maintenance/ repairs: Installed G2 decals on vertical stab. Complied with SB2X-95-09R1 and SBA2X-95-10R2. Updated mfd to software 6.2.1. Secured pilot carpet with Velero. Diagnosis convenience power receptacle, repair open in circuit PCP618-22. Tires Inspect for proper tire pressure. Brake System Check system for proper operation. Perform an airplane run-up in accordance with Operational/Functional Check in Section CMM 5-30. After completing the Operational Check, perform a walk around to detect fluid leaks or other abnormalities, none noted.

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A&P400087835



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Fleming-Mason Airport (FGX) 7079 Airport Rd. Maysville, KY 41056 606-742-2084 avtech@alltel.net

Engine Entry N160CP:

TCM 10360 Date: 7/13/07 Flight Hobbs: 143.0

Performed the following maintenance/ repairs Perform an Engine Operational Inspection in accordance with Teledyne Continentals Motors Maintenance Manual, Section 5. Engine oil drain and change, serviced with 8 qt's Aeroshell 15W50. Oil Sump Plug/ Drain Visual Inspection for condition. Oil Filter Perform Inspection/Check - oil filter particles, none noted. Installed CH48108-1 Filter. Spark Plug Cable Leads Visual Inspection for chafing, corrosion, and deposits. Air Intake Ducts Visual Inspection for general condition.. Gascolator Fuel Filter and Bowl. Drain and clean. Exhaust System Perform Inspection/Check - Exhaust System. Breather Tube Visual Inspection for obstructions and security.. Perform an airplane run-up in accordance with Operational/Functional Check in SR20 AMM Section 5-30. After completing the Operational Check, perform a walk around to detect fluid leaks or other abnormalities, none noted.

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Fleming-Mason Airport (FGX) 7079 Airport Rd. Maysville, KY 41056 606-742-2084 avtech@alltel.net Engine Entry N160CP:

TCM 10360 Date: 8/10/07 Flight Hobbs: 198.0

Performed the following maintenance/ repairs Perform an Engine Operational Inspection in accordance with Teledyne Continentals Motors Maintenance Manual. Section 5. Engine oil drain and change, serviced with 8 qt's Aeroshell 15W50. Oil Sump Plug/ Drain Visual Inspection for condition. Oil Filter Perform Inspection/Check - oil filter particles, none noted. Installed CH48108-1 Filter. Spark Plug Cable Leads Visual Inspection for chafing, corrosion, and deposits. Air Intake Ducts Visual Inspection for general condition. Exhaust System Perform Inspection/Check - Exhaust System. Breather Tube Visual Inspection for obstructions and security. Perform an airplane run-up in accordance with Operational/Functional Check in SR20 AMM Section 5-30. After completing the Operational Check, perform a walk around to detect fluid leaks or other abnormalities, none noted.



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Fleming-Mason Airport (FGX) 7079 Airport Rd. Maysville, KY 41056 606-742-2084 avtech@alltel.net Engine Entry N160CP:

TCM IO360ES(6) S/N 360273 Date: 1/3/08 Flight Hobbs: 269

Performed the following maintenance/ repairs: Performed Annual inspection utilizing Cirrus, TCM Maintenance Manuals and as per FAR 43.9 Appendix D. Changed Engine Oil/ Filter. Dissect Filter No Abnormalities Noted. Installed AA48108 Filter and Serviced with 8 Qt's Aeroshell 15W50. Engine Compression Functional Inspection in accordance with Teledyne Continentals Motors Maintenance Manual. Section 19 over 80 psi: 1-75 2-73, 3-74, 4-74, 5-73, 6-75. Spark Plugs Inspect. clean, re-gap and rotate in accordance with Teledyne Continentals Motors Maintenance Manual. Section 12. Fuel Injection System Functional Inspection of Fuel Injection System in accordance with Teledyne Continentals Motors Service Information Directive 97-3. Fuel injectors cleaned. Engine Baffling and Seals Visual Inspection for cracks, tears, and rips, Ignition Harness Inspect for high-tension leaks and continuity. Magneto Functional Inspect magneto to engine timing. Air Intake Ducts Visual Inspection for general condition. Induction System Filter Replace. Gascolator Fuel Filter and Bowl Drain and clean. Throttle, Propeller, and Mixture Control Cable Visual Inspection for security and condition of cotter pins, castellated nuts, and oversized washers. Exhaust System Perform Inspection/Check. Exhaust Muffler/Heat Exchanger Perform Inspection/Check. Replaced heat exchanger with 70201-002 complying with SB 2X-78-07R1. Checked and complied with Airworthy Directives to date, see compliance report in aircraft records. Perform an airplane run-up in accordance with Operational/Functional Check in Section CMM 5-30. After completing the Operational Check, perform a walk around to detect fluid leaks or other abnormalities, none noted. I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE

IN AIRWORTHY CONDITION

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Fleming-Mason Airport (FGX) 7079 Airport Rd. Maysville, KY 41056 606-742-2084 avtech@alltel.net

Engine Entry N160CP:

TCM IO360 Date: 5/28/08 Flight Hobbs: 300

Performed the following maintenance/ repairs Replaced tach drive connector 642121-RH, tach drive deal 641533, tach drive gasket 649980, tach sensor assy, 12323-001. Perform an airplane run-up Operational/Functional Check. After completing the Operational Check, perform a walk around to detect fluid leaks or other abnormalities, none noted.

-A&P40008783.



N160CP

Date: 8/7/08

Engine

Hobbs: 373.5 Flight: 334.8

Changed engine oil. Serviced oil with 7 qts. 15w-50wt Aeroshell. Installed new oil filter pn# AA48108. Cut open old filter and inspected for metal debris. None found. Run-up checks good. No leaks noted.

Greg Herrmann 406901563IA

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Fleming-Mason Airport (FGX) 7079 Airport Rd. Maysville, KY 41056 606-742-2084 avtech@alltel.net Engine Entry N160CP:

TCM IO360ES(6) S/N 360273 Date: 12/29/08 Flight Hobbs: 383

Performed the following maintenance/ repairs: Performed Annual inspection utilizing Cirrus, TCM Maintenance Manuals and as per FAR 43.9 Appendix D. Changed Engine Oil/ Filter. Dissect Filter No Abnormalities Noted. Installed AA48108 Filter and Serviced with 8 Qt's Acroshell 15W50 Engine Compression Functional Inspection in accordance with Teledyne Continentals Motors Maintenance Manual. Section 19 over 80 psi: 1-64 2-64, 3-64, 4-66, 5-66, 6-64. Spark Plugs Inspect, clean, re-gap and rotate in accordance with Teledyne Continentals Motors Maintenance Manual. Section 12. Fuel Injection System Functional Inspection of Fuel Injection System in accordance with Teledyne Continentals Motors Service Information Directive 97-3. Engine Baffling and Seals Visual Inspection for cracks, tears, and rips. Ignition Harness Inspect for high-tension leaks and continuity. Magneto Functional Inspect magneto to engine timing. Air Intake Ducts Visual Inspection for general condition. Induction System Filter Replace. Gascolator Fuel Filter and Bowl Drain and clean. Throttle. Propeller, and Mixture Control Cable Visual Inspection for security and condition of cotter pins, castellated nuts, and oversized washers. Exhaust System Perform Inspection/Check. Exhaust Muffler/Heat Exchanger Perform Inspection/Check. Checked and complied with Airworthy Directives to date, see compliance report in aircraft records. Perform an airplane run-up in accordance with Operational/Functional Check in Section CMM 5-30, After completing the Operational Check, perform a walk around to detect fluid leaks or other abnormalities, none noted. I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.



N160CP

4510 Airport Rd. Cincinnati OH 45226 (513) 321-1200

ngine

Date: 10/2/2009 Airfran

Hobbs:475.7 Flight: 436.2

Changed engine oil. Serviced oil with 8 qts. 15w-50wt Aeroshell. Installed new oil filter pn# AA48108. Cut open old filter and inspected for metal debris. None found. Oil analysis taken. Run-up checks good. No leaks noted.

Greg Herrmann 406901563IA



4510 Airport Rd. Cincinnati OH 45226 (513) 321-1200



N160CP ENG. S/N: 360273 Date: 1/12/2010 Engine Hobbs: 493.7 Flight: 454.2 TSN: 454.2

I certify that I have inspected this engine. I/A/W an Annual inspection per Cirrus SR20 AMM rev. A2 Chapter 5-20 and determined it to be airworthy for return to service. The following work was accomplished at this time:

- Compressions: 1)72/80 2)70/80 3)72/80 4)70/80 5)76/80 6)72/80 master orifice 41psi.
- 2. Inspected fuel inlet filter.
- 3. Installed new induction air filter p/n BA-24.
- Installed 6 new spark plugs pn# RHM38E.
- Magneto timing set.
- 6. Fuel nozzles removed, cleaned and inspected.
- 7. Installed new gaskets and seals on #2 cylinder pn# 646560A1 due to oil leak at push tube seals.
- Performed TCM SID97-3E functional inspection of fuel injection system.
- 9. Performed post maintenance engine run-up and leak check. No leaks noted. Operational checks good.

I certify that this engine has been inspected and repaired in accordance with current regulations of the FAA and is approved for return to service.

Greg Herrmann 406901563IA

Scanned with CamScanner

Date	Total	Time	Time Last O	
	Hrs.	Min.	Hrs.	Min.

Engine Service and Maintenance Record

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



4510 Airport Rd. Cincinnati OH 45228 (513) 321-1200



N160CP ENG. S/N: 360273 Date: 2/3/2011 Engine Hobbs: 577.4 Flight: 534.3 TSN: 534.3

I certify that I have inspected this engine. I/A/W an Annual inspection per Cirrus SR20 AMM rev. A2 Chapter 5-20 dated 15 Jun 2010 and determined it to be airworthy for return to service. The following work was accomplished at this time:

Compressions: 1)68/80 2)64/80 3)70/80 4)68/80 5)76/80 6)72/80 master orifice 42psi. 1.

- Changed engine oil. Oil sample taken for analysis. Serviced oil with 8 qts of 15w-50wt Aeroshell. 2.
- Installed new oil filter p/n AA48108-2. 3.
- Inspected fuel inlet filter.
- Installed new induction air filter p/n BA-24. 5.
- Installed 6 new spark plugs pn# RHM38E. 6.
- Installed new right magneto p/n 6314 s/n 08090350. 7.
- Installed new left magneto p/n 6314 s/n 08090346. 8.
- Magneto timing set. 9.
- 10. Adjusted drive belt tension on #1 alternator.
- 11. Performed TCM SID97-3E functional inspection of fuel injection system.
- 12. Performed post maintenance engine run-up and leak check. No leaks noted. Operational checks good.

I certify that this engine has been inspected and repaired in accordance with current regulations of the FAA and is approved for return to service.

Greg Herrmann 406901563IA



4510 Airport Rd. Cincinnati OH 45226 (513) 321-1200



N160CP ENG. S/N: 360273 Date: 1/19/2012 Engine Hobbs: 595.4 Flight: 551.4 TSN: 551.4

I certify that I have inspected this engine. I/A/W an Annual inspection per Cirrus SR20 AMM rev. A2 Chapter 5-20 dated 15 Jun 2010 and determined it to be airworthy for return to service. The following work was accomplished at this time:

- Compressions: 1)74/80 2)70/80 3)72/80 4)68/80 5)74/80 6)68/80 master orifice 42psi.
- Changed engine oil. Oil sample taken for analysis. Serviced oil with 8 qts of 15w-50wt Aeroshell. 2.
- Installed new oil filter p/n CH48108-1. 3.
- Inspected fuel inlet filter. 4.
- Installed new induction air filter p/n BA-24. 5.
- Cleaned and gapped spark plugs. 6.
- Magneto timing checked.
- Left fuel manifold drain line found chaffed through. Installed new drain line p/n 642580.
- Found oil leak at starter adapter cover plated. Installed new o-ring p/n 630979-24.
- 10. Performed TCM SID97-3E functional inspection of fuel injection system.
- 11. Performed post maintenance engine run-up and leak check. No leaks noted. Operational checks good.

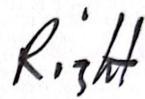
I certify that this engine has been inspected and repaired in accordance with current regulations of the FAA and is approved for return to service. In He

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WARNING

- When installing drive gear or driver onto magneto, torque nut provided to 120 to 320 inch lbs.
- Use only the installation hardware provided.
- Secure nut with appropriate cotter pin.



FAA-PMA Approved

This magneto was manufactured from all new components in accordance with 14 CFR Part 21.303h and is airworthy. This magneto is FAA-PMA approved for applications listed in Unison Industries' L-1318 Document in the F-1100 Master Service Manual. For LASAR® Magnetos, see L-1500 Manual.

Enter magneto model, serial number, and date of installation, and attach this tag to engine logbook.

Magneto Model No	6314	
Magneto Serial No	08090350	
Date of Installation _	2/1/2011	

L-1543-A



N160CP ENG. S/N: 360273 Date: 3/11/2013 Engine Hobbs: 651.3 Flight: 606.7 TSN: 606.7

I certify that I have inspected this engine. I/A/W an Annual inspection per Cirrus SR20 AMM rev. B4 dated 1 May 2012 Chapter 5-20 and determined it to be airworthy for return to service. The following work was accomplished at this time:

Compressions: 1)68/80 2)72/80 3)72/80 4)74/80 5)73/80 6)64/80 master orifice 42psi.

- Changed engine oil. Oil sample taken for analysis. Serviced oil with 8 qts of 15w-50wt Aeroshell.
- 3. 12 ounces of Cam-Guard added.
- 4. Installed new oil filter p/n CH48108-1.
- 5. Inspected fuel inlet filter.
- 6. Installed new induction air filter p/n BA-24.
- 7. Cleaned and gapped spark plugs.
- 8. Magneto timing checked.
- 9. Performed TCM SID97-3E functional inspection of fuel injection system.
- 10. Performed post maintenance engine run-up and leak check. No leaks noted. Operational checks good.

I certify that this engine has been inspected and repaired in accordance with current regulations of the FAA and is approved for return to service.

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4510 Airport Rd. Cincinnati OH 45226 (513) 321-1200



N160CP ENG. S/N: 360273 Date: 3/25/2014 Engine Hobbs: 715.9 Flight: 671.3 TSN: 671.3

I certify that I have inspected this engine. I/A/W an Annual inspection per Cirrus SR20 AMM Chapter 5-20 and determined it to be airworthy for return to service. The following work was accomplished at this time:

- 1. Compressions: 1)75/80 2)74/80 3)68/80 4)72/80 5)72/80 6)68/80 master orifice 42psi.
- 2. Changed engine oil. Oil sample taken for analysis. Serviced oil with 8 qts of 15w-50wt Aeroshell.
- 3. 12 ounces of Cam-Guard added.
- 4. Installed new oil filter p/n AA48108-2.
- 5. Inspected fuel inlet filter.
- Installed new induction air filter p/n BA-24.
- 7. Cleaned and gapped spark plugs.
- 8. Magneto timing checked.
- 9. Performed TCM SID97-3E functional inspection of fuel injection system.
- 10. Performed post maintenance engine run-up and leak check. No leaks noted. Operational checks good.

I certify that this engine has been inspected and repaired in accordance with current regulations of the FAA and is approved for return to service.

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N160CP ENG. S/N: 360273 Date: 4/7/2015 Engine Hobbs: 716.5 Flight: 671.8 TSN: 671.8

I certify that I have inspected this engine. I/A/W an Annual inspection per Cirrus SR20 AMM Chapter 5-20 and determined it to be airworthy for return to service. The following work was accomplished at this time:

Compressions: 1)72/80 2)74/80 3)73/80 4)72/80 5)73/80 6)68/80 master orifice 42psi.

Changed engine oil. Oil sample taken for analysis. Serviced oil with 8 qts of 15w-50wt Aeroshell.

12 ounces of Cam-Guard added. 3.

Installed new oil filter p/n AA48108-2. 4.

5. Inspected fuel inlet filter.

Installed new induction air filter p/n BA-24.

Cleaned and gapped spark plugs. 7.

Magneto timing checked.

Performed TCM SID97-3E functional inspection of fuel injection system.

10. Performed post maintenance engine run-up and leak check. No leaks noted. Operational checks good.

I certify that this engine has been inspected and repaired in accordance with current regulations of the FAA and is approved for return to service.

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N160CP S/N 1751

Date: 8/28/2015 Engine eng. s/n 360273

Flight: 673.9

Found indications of sticking valves impacting piston on cylinders 1, 2, and 3.

Removed cylinders for evaluation. 2.

Connecting rods magnafluxed and align checked.

Installed #1,#2 and #3 cylinder per TCM overhaul manual M-7 rev Dec 2014 for IO-360-ES series engine after repair by Signature engines under WO#E6579.

New piston rings installed on new pistons p/n 654861. All new gaskets and seals were used.

Oil change accomplished using 8 qts Aeroshell 100 mineral oil. 6.

New oil filter installed p/n AA48108-2. 7.

Oil sample taken for analysis.

8. Engine ground run satisfactory. No leaks noted.

This engine is deemed to be in an airworthy condition and is approved for flight.

Greg Herrmann 406901563IA





4510 Airport Rd. (513) 321-1200

N160CP ENG. S/N: 360273 Date: 4/7/2017 Engine Hobbs: 723.0 Flight: 678.4 TSN: 678.4

I certify that I have inspected this engine. I/A/W an Annual inspection per Cirrus SR20 AMM Chapter 5-20 and determined it to be airworthy for return to service. The following work was accomplished at this time:

Compressions: 1)62/80 2)70/80 3)65/80 4)68/80 5)68/80 6)70/80 master orifice 42psi.

Changed engine oil. Oil sample taken for analysis. Serviced oil with 8 qts of 15w-50wt Aeroshell.

12 ounces of Cam-Guard added. 3

Installed new oil filter p/n AA48108-2.

Inspected fuel inlet filter. 5.

Installed new induction air filter p/n BA-24. 6.

Cleaned and gapped spark plugs. 7.

Magneto timing checked. 8.

Performed functional inspection of fuel injection system.

10. Performed post maintenance engine run-up and leak check. No leaks noted. Operational checks good.

I certify that this engine has been inspected and repaired in accordance with current regulations of the FAA and is approved for return to service.

Greg Herrmann 406901563IA



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		DATE. 10	15/2017		finzler, AMn	Printed by EBis 3 (datcome	
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	Model IO-360-ES6 Serial Number 360273 Log Entry Page 1 of 1	Westchester County Airport White Plains, NY 10604 914-461-2336	Flight Hobbs	820.5
Bro	Changed engine oil and oil filter. In Serviced engine with 8 quarts of 20	nstalled a new CH48108-1 filter. Cut oil 0W50 Phillips oil. Operational check andEND	filter open and found clear leak check satisfactory.	an.
1	approved for return to service with regards to 3/22/18.	entified above was repaired and inspected in accorda work performed. Pertinent details of this repair are	nce with current regulations of the on file under work order number	ne FAA and is er 1560 Date
	Signed Kenyon Lice	nse Number A&P2780134		
H				
1				
	N160CP	Heavy Metal Air LLC	Date Tach	6/2/18 877.9
	Make Continental Model IO-360-ES6	Westchester County Airport	Airframe Total Time	877.9
	Serial Number 360273	White Plains, NY 10604	Engine Total Time	877.9
	Log Entry Page 1 of 1	914-461-2336	Time Since New	877.9
1.5%	I certify that this engine has been inspected in	accordance with a 100 hour inspection and was d	etermined to be in airworthy cond	ition. Details
	of this inspection are on file under work order nu	accordance with a 100 hour inspection and was dumber 1633 Time 877.9 Date 6/2/18. se Number A&P 2780134	etermined to be in airworthy cond	ition. Details
おおと は と と と と と と と と と と と と と と と と と	of this inspection are on file under work order nu Signed ** Licen	umber 1633 Time 877.9 Date 6/2/18.	etermined to be in airworthy cond	ition. Details
	of this inspection are on file under work order not signed ** ** ** ** ** ** ** ** ** ** ** ** **	amber 1633 Time 877.9 Date 6/2/18. use Number A&P 2780134		
	of this inspection are on file under work order not signed ** ** ** ** ** ** ** ** ** ** ** ** **	amber 1633 Time 877.9 Date 6/2/18. se Number A&P 2780134 Heavy Metal Air LLC	Date	1/11/19
	Signed ** Scott Kenyon ** N160CP Make Continental	Heavy Metal Air LLC Westchester County Airport		
	of this inspection are on file under work order not signed ** ** ** ** ** ** ** ** ** ** ** ** **	Heavy Metal Air LLC Westchester County Airport White Plains, NY 10604	Date Flight Hobbs	1/11/19 956.6
	Signed **Xest Kenyon** N160CP Make Continental Model IO-360-ES6	Heavy Metal Air LLC Westchester County Airport	Date Flight Hobbs Airframe Total Time	1/11/19 956.6 956.6
	Signed **Ecett Kenyon** N160CP Make Continental Model IO-360-ES6 Serial Number 360273 Log Entry Page 1 of 1 Changed engine oil and oil filter. In	Heavy Metal Air LLC Westchester County Airport White Plains, NY 10604 914-461-2336 Installed a new CH48108-1 filter. Cut oil DW50 Phillips oil. Installed 2 new Champak check satisfactory.	Date Flight Hobbs Airframe Total Time Engine Total Time Time Since New filter open and found clean	1/11/19 956.6 956.6 956.6 956.6
	N160CP Make Continental Model IO-360-ES6 Serial Number 360273 Log Entry Page 1 of 1 Changed engine oil and oil filter. In Serviced engine with 8 quarts of 20 cylinder. Operational check and lea	Heavy Metal Air LLC Westchester County Airport White Plains, NY 10604 914-461-2336 Installed a new CH48108-1 filter. Cut oil OW50 Phillips oil. Installed 2 new Champak check satisfactoryEND	Date Flight Hobbs Airframe Total Time Engine Total Time Time Since New filter open and found cle	1/11/19 956.6 956.6 956.6 956.6 an. gs in #1
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N160CP Heavy Metal Air LLC 3/15/19 Make Continental Tach 966.2 Westchester County Airport Model IO-360-ES6 Airframe Total Time 966.2 White Plains, NY 10604 Serial Number 360273 Engine Total Time 966.2 Log Entry Page 1 of 1 914-461-2336 Time Since New 966.2 Performed an Annual Inspection I/A/W 14 CFR Part 43.13 Appendix D. Performed compression test I/A/W TCM M-O MM, max leakage allowable is 48/80 - results: #1) 73/80, #2) 72/80, #3) 74/80, #4) 69/80, #5) 75/80, and #6) 70/80. Installed 2 new RHM38E spark plugs. Cleaned, gapped, rotated, and tested spark plugs - OK. All AD's checked and listed thru BW 2019-05. Run-up and leak checked - OK. I certify that this engine has been inspected in accordance with an Annual Inspection and was determined to be in airworthy condition. Details of this inspection are on file under work order number 2029 Time 966.2 Date 3/15/19. Signed License Number A&P 2780134 IA Scott Kenyon N160CP 4/10/20 Date Make Continental Tach 1076.1 Model IO-360-ES6 Airframe Total Time 1076.1 Serial Number 360273 **Engine Total Time** 1076.1 Time Since New 1076.1 Log Entry Page 1 of 1 Performed an Annual Inspection I/A/W 14 CFR Part 43.13 Appendix D. Performed compression test I/A/W TCM M-O MM, max leakage allowable is 48/80 - results: #1) 74/80, #2) 68/80, #3) 74/80, #4) 64/80, #5) 72/80, and #6) 74/80. Changed engine oil and oil filter. Installed a new CH48108-1 filter. Cut oil filter open and found clean. Serviced engine with 8 quarts of 20W50 Phillips oil. Cleaned, gapped, rotated, and tested spark plugs - OK. Adjusted RH magneto timing as needed. All AD's checked and listed thru BW 2020-08. Run-up and leak checked - OK. ---END---I certify that this engine has been inspected in accordance with an Annual Inspection and was determined to be in airworthy condition. License Number A&P 2780134 IA Scott Kenyon Alpha One Flight Services Alpha**LO**ma**Flight** 246 South Meadow RD Plymouth, MA 02360 Date: 1/06/2021; Aircraft: N160CP; Engine - Type: IO-360ES6B, S/N: 360273, Time: 1175.6, SMOH: 1175.6 Inspected engine as per an annual inspection IAW FAR43.13 appendix D in reference to Continental and Cirrus service manuals. ADs checked through 2021-02. Serviced engine with 8 quarts of 20W50 Phillips and replaced the oil filter with new CH48108-1. Compressions as follows: #1 70, #2 64, #3 69, #4 70, #5 74, #6 71. Tightened the intake housing as needed. Removed and replaced the left muffler with new p/n A20560-001; installed with two new bolts p/n AN3-12A. Aircraft was test run, no leaks noted, ops. check good. All work performed IAW current Federal Aviation Regulations and was found to be in an air worthy condition and returned to service. Mitchell Buckley A+P 2830244I.A. Alpha One Flight Services 246 South Meadow Rd Plymouth, MA 02360 SERVICES Date: 6/07/2021; Aircraft: N160CP; Type: SR20; S/N: 1751; Hobbs: 1286.7; Tach: 1242.0; Total Time: 1242.0; Engine - Type: IO-360ES6B, S/N: 360273, SMOH: 1242.0; Prop - Type: PHC-J3YF-IRF, S/N: FP5198B, SMOH: Serviced engine with 8 quarts of 20W50 Philips and replaced filter with new CH48108-1. Aircraft was test run, no leaks noted, ops. check good. All work performed IAW current Federal Aviation Regulations and was found to be in an air worthy condition and returned to s itchell Buckley A+P 2830244I.A.

Date		Time	Last O	Since verhaul	Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections,
	Hrs.	Min.	Hrs.	Min.	Modifications and Service Bulletins
rought Forward	1 Marian	-			
	T				- 0
	-		_		SARASOTA SARASOTA
		_	_		AVIONICS -
					MAINTENANCE MACADOMY MOONEY
and the same of	100				CIRRUS SR20 N160CP S.N. 1751
				-	CONTINENTAL IO-360-ES6 ENGINE S.N.: 360273 — DATE:11-9-2021 HOBBS: 1295.7 ETT: 1295.7
					Performed routine inspection IAW part 43 appendix D using the
T			-	grant 9	Cirrus Design SR-20 service manual as a guide. Performed compression check. Master Orifice Feading 42. #1
		-			70/80, #2 61/80, #3 60/80, #4 63/80, #5 67/80, 19 65/80.
		231	100		Replaced all 12 spark-plugs with new. Installed P/N RHM38E (12) – Spark Plug.
	Harry Ex	Marrie Co.	State of Sta		 Change oil and filter, serviced with 8 gts Phillips, 20W50 and one
77			4.1.		CH48108-1 filter. Cut oil filter, open and found chan 100% oil
200					sample and sent it to BlackStone for study. Replaced bracket air filter element with new pn BA-24.
					 Performed fuel system adjustment IAW Continental Engine
1	4-2-	127 C. C.	1		Maintenance and Overhaul manual. Adjusted fuel system for proper operation.
	19. 14.000	1 V V V		701	Disassembled, overhauled, re-assembled and timed LH P/N
					6314 S/N 08090346 and RH P/N 6314 S/N 08090350 magnetos.
		and the state of			 Serviced gascollator. Removed, cleaned and re-assembled fuel injectors.
		-	27-	PC DI	ADs complied with bi-weekly.
		4-1-1	A	-	Ran engine for leak checks, operational and performance Checks, all checked entirefeetors.
		N. Carlot			checks, all checked satisfactory.
	A TEN		1	-	I certify that this ENGINE has been inspected in accordance with an
	100	Andrew Co.		4	ANNUAL inspection and was determine to be in an airworthy condition.
in the second			P. Sec. 1		
				100	Signed A&P IA 3441624 Silbert E-Perez Hernandez
			D 7	30.77	Silbert of Steel Haildez
	San San San	But the	7	The second	
		Arrival de	Same new	Colores and	
Section 1			-		
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	7/	TEST	West Aircraft	Maintenand	Make: Cirrus
BANG ENGA	-		280 Gardner New Century	Dr	Model: SR20
		-	19137024570		Tail: N160CP
	325				
	Hours	: AC: 143	37.3 TT: 1437	.3 EngTT: 1	437.3 PropTT: 1437.3 Hobbs: 1483.0 Misc:
AND THE RESERVE AND ADDRESS OF THE PERSON NAMED AND ADDRESS OF	Perform	med 100 h	our engine in	spection IA	W FAR 43 app D using Cirrus SR20 AMM as reference. No AD's due at this
BARNES I	remove	ed of filter	and cut open	No metal 1	5/80, 4 64/80, 5 74/80, 6 64/80. Master ornice reading 44. Drained engine oil, found. Installed new oil filter P/N AA48108-2. Added 7qts of Phillips66 XC
	20W50). Installed	new inductio	n air filter P	N BA-24.1 certify this engine has been inspected IAW a 100 HR inspection orthy condition.
	2.01.0	11	11	/	
	Signed	1.1	1		Cert: Mechanic: 4653415 A/P
	Name:	Joshua	Kennedy		Date: 10/14/2022
	-	746	FST Wast	Aircraft Ma	intenance Make: Cirrus
			280 0	Sardner Dr	Model: SR20
	1	* 1000		Century KS 7024570	66031 Tail: N160CP
	E 18 2 1	100	30		S/N: 1751
	1	Hours:	AC: 1437.3 T	T; 1437.3 E	ngTT: 1437.3 PropTT: 1437.3 Hobbs: 1483.0 Misc:
			-	**********	-1 S/N 0965273. Installed new alternator 2 P/N BC410-1 S/N 2C21EZV71K
		CHILDVE	a ceret failor 2	F/N BL410	EL SUR LENGUETA, HISTORIA DES GRANDON & FIRE DOTTON AND ACCEPTANT
				2	

Date	Tota	I Time	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Since verhaul	Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections,
	Hrs.	Min.	Hrs.	Min.	Modifications and Service Bulletins
	10/20/2022 N3	IDCP Common	Mail ID Wo F	SA SN 360273	TTENG 1437 3, MODBS 01: 1437 3, MODBS 02 1483 0.
ought of the	The	AMERICAN IAV	U are Armeral to	SELECTION AS DOT	FAR 43, Appendix D and using Cirrus AMM as a guide
1	heen insperted	IAW an Armus	I Importion a	nd has been de	ternined to be in airworthy condition and approved
	for return to ser	rvice END	William A.	Latharn, W. AP	ISSTOOTA RUU OFF
				-	
7//		d Aircraft Ma Gardner Dr			Make: Cirrus Model: SR20
and the first state of the first		Century KS 37024570	8 66031	-	Tail: N160CP
	151.	31024310			S/N: 1751
Hours:	AC: 1,534.1	TT: 1,534.1	EngTT: 1,5	534.1 PropT	T: 1,534.1 Hobbs: 1,579.8 Misc:
Dadas	M IOO UP	nenection IA	W EAD 43	on Dusing	Cirrus SR-20 AMM as reference. No AD's due at this
20.450	Portared CV	linder # 12	7 5 B rowker	arm cover r	new oil filter P/N AA48108-2, Added 7qts of Phillips P/N 655704. I certify that this engine has been inspec
100 HR	inspection a	nd has beer	determined	to be in an	airwordly condidon.
Signed	Jeh 1		And and a	-	Cert: Mechanic 4653416 AP
	Joshua Ke	ennedy			Date: 12/02/2022
(Vallie)		T			
				-	
Created 01/0	9/2023	S/N Er	ngine 1 Tac	h 1593.90	TTIS 1593.90 TSOH
1593.90					1304
	-				
removed eng	ine driven f	uel pump	p/n 64936	8-46a4 s/n	806ja004 and replaced with
ops check god		eable unit	of same p	/n, s/n c07	w divider p/n 646508-10a7, aa190. performed test flight,
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Adam Piepke	A&P 39655	513 Date:	1/9/23	ignature.	11. Police -
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Created	03/07/2023	3 S/N	360273	Engine 1	Tach 1633.70 TTIS 1633.70
TSOH 1	633.70	inapportion	IAW FAR	43 ann D	using Cirrus SR-20 AMM as
Perform	ed 100 HK	due at this	time Cor	moression	1: 73/80 2: 63/80 3: 59/80 4:
60/90 5	72/80 6: 68	8/80. Mast	er orifice r	eading 47.	Removed and replaced cylinder
#3 with	verhauled	cylinder S	/N 6541-1	kit, recond	ditioned connecting rod from Rick
Romans	new pisto	n P/N 654	861, conn	ecting rod	bolt P/N 08-17249, connecting
rod nut f	P/N 07-048	97 and ne	w piston p	in P/N SA	529690 all work done IAW
Contine	ntal M-0 ove	erhaul mai	nual. Cylin	der #3 cor	npression after replacement
76/80 wi	th master o	orifice read	ling 45. Dr	ained engi	ine oil removed oil filter and cut
open. No	netal four	nd. Installe	ed new oil	filter P/N F	AA48108-2. Added 7qts of
Aerosho	II W80. I c	ertify that	inis engine	ho in an a	inspected IAW a 100 HR
inspection	on and has	been dete	mined to	DE III all a	irworthy condition.
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	the second second second second	3 S/N 360	0273 En	gine 1 Tac	h 1733.70 TTIS 1733.70 TSOH
1733.70		inconstin	DIAM FAR	2 43 ann 5	Lucing Circus SD-20 AMM as
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					5. Drained engine oil removed oil
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Gregory Warton	# 38077	66 A&P I	A Date: 1	1/09/2023	Signature	

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