

THE
adlogTM

AIRCRAFT
MAINTENANCE
RECORDKEEPING
SYSTEM

**ENGINE
MAINTENANCE
RECORDS**

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK	
TOTALS brought forward from previous page					
1. Approving Civil Aviation Authority/Country: FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number: Invoice # 10057	
4. Organization Name and Address: Signature Engines, Inc., 4760 Airport Road, Cincinnati, Ohio 45226				5. Work Order/Contract/Invoice Number: E7284	
6. Item:		7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:
1		Continental Motors Engine	IO-360-ES	1	360166
11. Status/Work: Overhauled					
12. Remarks: THIS ENGINE HAS BEEN OVERHAULED IN ACCORDANCE WITH THE APPLICABLE CONTINENTAL MOTORS MANUALS. A LIST OF ALL PARTS, F.A.A. AIRWORTHINESS DIRECTIVES AND MANUFACTURER'S SERVICE BULLETINS COMPLIED WITH ARE A PART OF THESE RECORDS. ALL PARTS HAVE BEEN INSPECTED AND HAVE BEEN DETERMINED AIRWORTHY TO RETURN TO SERVICE. ENGINE TEST RUN PER OVERHAUL MANUAL. TEST SHEET FURNISHED. THIS ENGINE IS AIRWORTHY FOR RETURN TO SERVICE. PARTS AND ACCESSORIES REPLACED: 6 New Factory Steel Cylinders 2 Overhauled Slick Magnets 1 New Harness 1 Overhauled Fuel Injection 1 New Set of Spark Plugs Engine T.S.M.O. 0 Hours Engine T.T.S.N. Hours 1444.3					
13a. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.			14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, Part 43 and in respect to that work, the items are approved for return to service.		
13b. Authorized Signature:		13c. Approval/Authorization No.:		14b. Authorized Signature:	
13d. Name (Typed or Printed):		13e. Date (dd/mm/yyyy):		14c. Approval/Certificate No.: E5ZR316Y	
				14d. Name (Typed or Printed): Terrence McRoberts, Inspector	
				14e. Date (dd/mm/yyyy): 08/Aug/2017	
User/Installer Responsibilities					
It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1. Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.					

FAA Form 8130-3 (02-14)

NSN: 0052-00-012-9005



Aviators Flight Center
Blue Ash Airport (KISZ)
CRS 06WR853K
(513) 984-5880

Current Times **N1218P**

A/C Total Time	1444.8	Tach	1444.8
Eng TSMOH	0	Eng TT	1444.8
Prop TSMOH	0	Prop TT	1444.8

Engine

Removed engine and sent to Signature Engines for overhaul, reinstalled overhauled engine with new rubber engine mounts IAW MM.

#1 Alternator overhauled by Aerotech

#2 Alternator replaced with factory overhauled unit.

Installed all new hoses from AERO Aviation.

Adjusted fuel injection system IAW MO.

Replaced alternator drive pulley with new.

Installed new Sky Tec C4ST5 starter.

Aviators Flight Center CRS 06WR853K

W/O 497

Duncan Latta 08/22/2017

Signed

SUB-TOTALS

s page

TOTALS-Carry forward to next page



Aviators Flight Center
Butler County Reg (KHAO)
CRS 06WR853K

Current Times	N1218P		
A/C Total Time	1471.1	Tach	1471.1
Eng TSMOH	26.3	Eng TT	1471.1
Prop TSMOH	26.3	Prop TT	1471.1

Engine

Drained oil and removed filter, filled engine with 8 qts 15w50 oil and installed new CH48108-1 filter. Cut open used filter and examined element, no discrepancies found. Run up and leak check is good.

Aviators Flight Center CRS 06WR853K

W/O 514

Duncan Latta 10/16/2017

Signed _____



Aviators Flight Center
Butler County Airport (HAO)
CRS 06WR853K

Current Times	N1218P		
A/C Total Time	1571.3	Tach	1571.3
Eng TSMOH	126.5	Eng TT	1571.3
Prop TSMOH	126.5	Prop TT	1571.3

Engine

Replaced tach drive shaft with new 642121-1RH using new gasket P/N 649980. Run up and check of tachometer is good.

Aviators Flight Center CRS 06WR853K

W/O 547

Duncan Latta 05/21/2018

Signed _____



Aviators Flight Center
Butler County Airport
CRS 06WR853K

Current Times	N1218P		
A/C Total Time	1653.8	Tach	1653.8
Eng TSMOH	209	Eng TT	1653.8
Prop TSMOH	209	Prop TT	1653.8

Engine

Cleaned #1 bottom spark plug

Aviators Flight Center CRS 06WR853K

W/O 578

Duncan Latta 11/24/2018

Signed _____

SUB-TOTAL

TOTALS-Car



Aviators Flight Center
Butler County Airport
CRS 06WR853K

Current Times	N1218P		
A/C Total Time	1548.4	Tach	1548.4
Eng TSMOH	103.6	Eng TT	1548.4
Prop TSMOH	103.6	Prop TT	1548.4

Engine Annual-

Drained oil and removed filter, filled engine with 8 qts 15w50 oil and installed new CH48108-1 filter. Cut open used filter and examined element, no discrepancies found. Run up and leak check is good.

Captured oil sample and sent for analysis.

Compression test: #1 68/80 #2 73/50 #3 65/80 #4 72/80 #5 72/80 #6 70/80.

Set Idle RPM to 620

Set magneto timing to 24 BTDC

Tightened alternator belt.

I certify this engine has been inspected IAW an ANNUAL inspection and is in an airworthy condition.

W/O 542

Duncan Latta 03/29/2018

Signed _____



Aviators Flight Center
Butler County Airport
CRS 06WR853K

(513) 984-5880

Current Times	N1218P		
A/C Total Time	1608.2	Tach	1608.2
Eng TSMOH	163.4	Eng TT	1608.2
Prop TSMOH	163.4	Prop TT	1608.2

Engine

Tightened connection on oil temp probe

Drained oil and removed filter, filled engine with 8qts 15w50 and installed new CH48108-1 filter. Cut open used filter and examined element, no discrepancies found. Run up and leak check is good.

Aviators Flight Center CRS 06WR853K

W/O 556

Duncan Latta 07/02/2018

Signed _____



Aviators Flight Center
Butler County Airport
CRS 06WR853K

Current Times	N1218P		
A/C Total Time	1654.4	Tach	1654.4
Eng TSMOH	209.6	Eng TT	1654.4
Prop TSMOH	209.6	Prop TT	1654.4

Engine

Cleaned, gapped and rotated spark plugs.

Drained oil and removed filter, filled engine with 8qts 15w50 and installed new CH48108-1 filter. Run up and leak check is good.

Replaced tach gen drive shaft with new.

Aviators Flight Center CRS 06WR853K

W/O 581

Duncan Latta 12/12/2018

Signed _____



Aviators Flight Center
Butler County Airport
CRS 06WR853K

Current Times **N1218P**
A/C Total Time **1691.6** Tach **1691.6**
Eng TSMOH **246.8** Eng TT **1691.6**
Prop TSMOH **246.8** Prop TT **1691.6**

Engine Annual-
Drained oil and removed filter, filled engine with 8 qts 15w50 oil and installed new CH48108-1 filter. Cut open used filter and examined element, no discrepancies found. Run up and leak check is good.

Compression test: #1 70/80 #2 73/50 #3 68/80 #4 68/80 #5 72/80 #6 72/80.

Replaced #3 EGT probe with new.

Secured loose connection on Fuel Flow sensor wire at DAU.

I certify this engine has been inspected IAW an ANNUAL Inspection and is in an airworthy condition.

W/O **608**
Duncan Latta **04/11/2019**

Signed



Aviators Flight Center
Butler County Airport
CRS 06WR853K

Current Times **N1218P**
A/C Total Time **1742.8** Tach **1742.8**
Eng TSMOH **298** Eng TT **1742.8**
Prop TSMOH **298** Prop TT **1742.8**

Engine-
Drained oil and removed filter, filled engine with 8 qts 15w50 oil and installed new CH48108-1 filter. Cut open used filter and examined element, no discrepancies found. Run up and leak check is good..

W/O **615**
Duncan Latta **06/17/2019**

Signed



Aviators Flight Center
Butler County Airport
CRS 06WR853K

Current Times **N1218P**
A/C Total Time **1750.9** Tach **1750.9**
Eng TSMOH **306.1** Eng TT **1750.9**
Prop TSMOH **306.1** Prop TT **1750.9**

Engine-

Removed Engine for repair of crank case crack



Aviators Flight Center
Butler County Airport
CRS 06WR853K

Current Times **N1218P**
A/C Total Time **1750.9** Tach **1750.9**
Eng TSMOH **306.1** Eng TT **1750.9**
Prop TSMOH **306.1** Prop TT **1750.9**

Engine-
Installed Engine after replacement of crank case by Airmark Overhaul Inc. IAW MM 77-00 4. A (2)

W/O **619**
Duncan Latta **08/22/2019**

1. Approving Civil Aviation Authority/Country: FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number: 47604	
4. Organization Name and Address: AIRMARK OVERHAUL, INC. • 6001 N.W. 29 TH AVENUE • FT. LAUDERDALE, FL 33309 (JL4R288M)					
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
001	ENGINE	10-360-ES	1/EA	360166	REPAIRED
12. Remarks: THIS CONTINENTAL MOTOR'S INC. ENGINE WAS REPAIRED AS NEEDED DUE TO A CRACKED CRANKCASE ONLY IN ACCORDANCE WITH CONTINENTAL MOTOR'S INC. OVERHAUL MANUAL M-7, DATED SEPTEMBER 2016 AND MAINTENANCE MANUAL M-O, DATED SEPTEMBER 2018. SEE FULL DETAILS OF WORK AND A.D.'s CARRIED OUT PER WORK ORDER NUMBER 47604. TIME SINCE MAJOR OVERHAUL 306.1 HOURS.					
13a. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.		14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.			
13b. Authorized Signature:		13c. Approval/Authorization No.:		14c. Approval/Certificate No.: JL4R288M	
13d. Name (Typed or Printed):		13e. Date (dd/mm/yyyy):		14d. Name (Typed or Printed): WILLIAM POLLARD	
				14e. Date (dd/mm/yyyy): 02/AUG/2019	
User/Installer Responsibilities It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1. Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.					



Aviators Flight Center
Butler County Airport
CRS 06WR853K

DESCRIPTION OF WORK PERFORMED—
CERTIFICATE NO. OF PERSON PERFORMING WORK

TOTALS brought forward from previous page

<u>Current Times</u>	<u>N1218P</u>		
A/C Total Time	1774.3	Tach	1774.3
Eng TSMOH	329.5	Eng TT	1774.3
Prop TSMOH	329.5	Prop TT	1774.3

Engine-
Adjusted fuel injection system IAW M0 6-4.10.2.2.

W/O 625
Duncan Latta 09/12/2019

Signed _____



Aviators Flight Center
Butler County Airport
CRS 06WR853K

<u>Current Times</u>	<u>N1218P</u>		
A/C Total Time	1787.3	Tach	1787.3
Eng TSMOH	342.5	Eng TT	1787.3
Prop TSMOH	342.5	Prop TT	1787.3

Engine-
Drained oil and removed filter, cut open used filter and examined element, no discrepancies found. Filled engine with 8qts 15w50 and installed new CH48108-1 filter, run up and leak check is good.

W/O 632
Duncan Latta 09/30/2019

Signed _____



Aviators Flight Center
Butler County Airport
CRS 06WR853K

<u>Current Times</u>	<u>N1218P</u>		
A/C Total Time	1822.3	Tach	1822.3
Eng TSMOH	377.5	Eng TT	1822.3
Prop TSMOH	377.5	Prop TT	1822.3

Engine -
Removed cylinder fuel drains, cleaned and reinstalled.

W/O 649
Duncan Latta 01/15/2020

Signed _____

SUB-TOTALS this page

TOTALS-Carry forward to next page



Aviators Flight Center
Butler County Airport
CRS 06WR853K

Current Times N1218P

A/C Total Time	1839.2	Tach	1839.2
Eng TSMOH	394.4	Eng TT	1839.2
Prop TSMOH	394.4	Prop TT	1839.2

Engine -

Drained oil and removed filter, filled engine with 8qts 15w50 and installed new CH48108-1. Cut open used filter and examined element, no discrepancies found. Run up and leak check is good.

W/O 658
Duncan Latta 03/09/2020

Signed _____



Aviators Flight Center
Butler County Airport
CRS 06WR853K

Current Times N1218P

A/C Total Time	1847.4	Tach	1847.4
Eng TSMOH	402.6	Eng TT	1847.4
Prop TSMOH	402.6	Prop TT	1847.4

Engine Annual-

Drained oil and removed filter, filled engine with 8 qts 15w50 oil and installed new CH48108-1 filter. Cut open used filter and examined element, no discrepancies found. Run up and leak check is good.

Compression test: #1 77/80 #2 76/50 #3 78/80 #4 77/80 #5 78/80 #6 77/80.

Cleaned and gapped spark plugs.

I certify this engine has been inspected IAW an ANNUAL inspection and is in an airworthy condition.

W/O 663
Duncan Latta 05/08/2020

Signed _____



Aviators Flight Center
Butler County Airport
CRS 06WR853K

Current Times N1218P

A/C Total Time	1902.1	Tach	1902.1
Eng TSMOH	457.3	Eng TT	1902.1
Prop TSMOH	457.3	Prop TT	1902.1

Engine -

Drained oil and removed filter, filled engine with 8 qts 15w50 oil and installed new CH48108-1 filter. Cut open used filter and examined element, no discrepancies found. Run up and leak check is good.

W/O 683
Duncan Latta 05/08/2020

Signed _____

DESCRIPTION OF WORK PERFORMED—
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

Brought forward from previous page

TALS this page

Carry forward to next page



Aviators Flight Center
Butler County Airport
CRS 06WR853K

Page No. _____

Current Times N1218P

A/C Total Time	1936.5	Tach	1936.5
Eng TSMOH	491.7	Eng TT	1936.5
Prop TSMOH	491.7	Prop TT	1936.5

Engine -

1. removed cylinders 1 and 3, replaced #3 with new and installed using new gaskets, reinstalled #1 with new gaskets.
2. Drained oil and removed filter, filled engine with 8 qts 20w50M oil and installed new CH48108-1 filter. Cut open used filter and examined element, no discrepancies found. Run up and leak check is good.

W/O 697
Duncan Latta 12/08/2020

DESCRIPTION OF WORK PERFORMED—
ATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

brought forward from previous page



Aviators Flight Center
Butler County Airport
CRS 06WR853K

Current Times N1218P

A/C Total Time	1954.7	Tach	1954.7
Eng TSMOH	509.9	Eng TT	1954.7
Prop TSMOH	509.9	Prop TT	1954.7

Engine Annual-

Drained oil and removed filter, filled engine with 8 qts 15w50 oil and installed new CH48108-1 filter. Cut open used filter and examined element, no discrepancies found. Run up and leak check is good.

Compression test: #1 77/80 #2 76/50 #3 78/80 #4 77/80 #5 78/80 #6 77/80.

Cleaned and gapped spark plugs.

Replaced one spark plug with new RHM38E


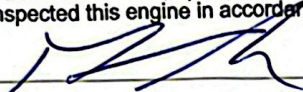
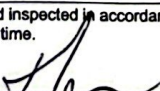
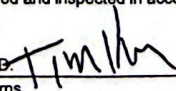
Tightened alternator belt

I certify this engine has been inspected IAW an ANNUAL inspection and is in an airworthy condition.

W/O 712
Duncan Latta 06/01/2021

SUB-TOTALS this page

TOTALS-Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTALS brought forward from previous page				
<div style="display: flex; justify-content: space-between;"> <div>  <p>Buckeye Aviation LLC 2460 Greentree Road Hangar 12 Lebanon OH 45036 5138146769</p> </div> <div> <p>Make: Continental Model: IO-360-ES Tail: N1218P S/N: 360166</p> </div> </div> <p>Hours: TACH: 1987.1 ACTT: 1987.1 TSMOH: 542.3 PropTSMOH: 542.3</p> <p>C/W 100Hr inspection IAW FAR 43 Appendix "D" Replaced air filter with BA-24 filter. Compressions 176 2783 74478578672 Drained oil. Added 8 Qts Phillips XC 20w50. Installed new filter and leak checked. Replaced Tach Generator IAW AMM 77-10, ops check good. I certify that I have been inspected this engine in accordance with FAR43 Appendix D 100Hr inspection.</p> <p>Signed:  Name: Matthew Akers Cert: 27057821A Date: 06/17/2022</p>				
<p>075-07-2023 (07-31-2023) Page 1 / 1</p> <div style="display: flex; justify-content: space-between;"> <div> <p>MAKE: Cirrus MODEL: SR20 S/N: 1677 REG. NO.: N1218P ENGINE MAKE: CONTINENTAL ENGINE MODEL: IO-360-ES ENGINE SN: 360166</p> </div> <div> <p>Midwest Corporate Air 3100 State Route 47 West Bellefontaine, OH 43311</p> </div> <div> <p>W/O #: 075-07-2023 DATE: 07-31-2023 A/C Tach: 2010.2 ENG TT: 2010.2 TSOH: 565.4</p> </div> </div> <p>Engine Entries</p> <ul style="list-style-type: none"> • Performed Annual inspection IAW Cirrus MM and inspection checklist.... • Changed oil, cut open filter, no discrepancies noted. Serviced with 8 qts 20w50 oil and AA48108-2 filter. Washed engine, leak checked. Sent out Blackstone oil sample for analysis.... • Compressions (#1 (77/80), #2 (78/80), #3 (75/80), #4 (76/80), #5 (75/80), #6 (76/80))... • Researched and complied with all Airworthiness Directives. See compliance records. <p>I certify that this aircraft has been repaired and inspected in accordance with an ANNUAL/100 hour inspection and was determined to be in airworthy condition at this time.</p> <div style="display: flex; justify-content: space-between;"> <p>DATE: 07-31-2023</p> <p>SIGNED:  Tim Kerns FAA Cert A&P 3390695 IA</p> <p>WORK ORDER: 075-07-2023 Printed by EBIS (EBISCloud.com)</p> </div>				
<p>153-09-2023 (09-21-2023) Page 1 / 1</p> <div style="display: flex; justify-content: space-between;"> <div> <p>MAKE: Cirrus MODEL: SR20 S/N: 1677 REG. NO.: N1218P ENGINE MAKE: CONTINENTAL ENGINE MODEL: IO-360-ES ENGINE SN: 360166</p> </div> <div> <p>Midwest Corporate Air 3100 State Route 47 West Bellefontaine, OH 43311</p> </div> <div> <p>W/O #: 153-09-2023 DATE: 09-21-2023 A/C Tach: 2041.5 ENG TT: 2041.5 TSOH: 596.7 Hobbs: 2562.2</p> </div> </div> <p>Engine Entries</p> <ul style="list-style-type: none"> • Performed 50 hour inspection IAW Cirrus SR22 MM and inspection checklist.... • Changed oil, cut open filter, no discrepancies noted. Serviced with 8 qts 20w50 oil and AA48108-2 filter. Washed engine, leak checked. Sent out Blackstone oil sample.... • Researched and complied with all Airworthiness Directives. See compliance list. <p>I certify that this aircraft has been repaired and inspected in accordance with a 50 hour inspection and was determined to be in airworthy condition at this time.</p> <div style="display: flex; justify-content: space-between;"> <p>DATE: 09-21-2023</p> <p>SIGNED:  Tim Kerns FAA Cert A&P 3390695 IA</p> <p>WORK ORDER: 153-09-2023 Printed by EBIS (EBISCloud.com)</p> </div>				

SUB-TOTALS this page

TOTALS-Carry forward to next page

MAKE: Cirrus
MODEL: SR20
S/N: 1677
REG. NO.: N1218P
ENGINE MAKE:
CONTINENTAL
ENGINE MODEL: IO-360-
ES
ENGINE SN: 360166

Midwest Corporate Air
3100 State Route 47 West
Bellefontaine, OH 43311

W/O #: 266-01-2024
DATE: 01-12-2024
A/C Tach: 2105.2
ENG TT: 2105.2
TSOH: 660.4

Engine Entries

• Performed 100 hour inspection IAW MM and inspection checklist.... • Changed oil, cut open filter, no discrepancies noted. Serviced with 8 qts 20w50 oil and AA48108-2 filter. Washed engine, leak checked. Sent out Blackstone oil sample for analysis.... • Compressions [#1 (77/80), #2 (73/80), #3 (79/80), #4 (72/80), #5 (73/80), 6 (73/80)]... • Researched and complied with all Airworthiness Directives. See compliance records.

I certify that this aircraft has been repaired and inspected in accordance with an ANNUAL/100 hour inspection and was determined to be in airworthy condition at this time.

DATE: 01-12-2024

SIGNED:

Tim Kerns
FAA Cert A&P 3390695 IA

WORK ORDER: 266-01-2024

Printed by EBIS (EBISCloud.com)

275-01-2024 (01-31-2024)

Page 1 / 1

MAKE: Cirrus
MODEL: SR20
S/N: 1677
REG. NO.: N1218P
ENGINE MAKE:
CONTINENTAL
ENGINE MODEL: IO-360-
ES
ENGINE SN: 360166

Midwest Corporate Air
3100 State Route 47 West
Bellefontaine, OH 43311

W/O #: 275-01-2024
DATE: 01-31-2024
A/C Tach: 2119.9
ENG TT: 2119.9
TSOH: 675.1

Engine Entries

• Installed L/H Magneto overhauled by Quality Aircraft Accessories P/N 6314, S/N H-X080528. See 8130-3 form dated 8/31/2023. Installed R/H Magneto overhauled by Kelly Aero P/N 6314, S/N L-09462. See 8130-3 form dated 9/18/2023.

DATE: 01-31-2024

SIGNED:

Tim Kerns
FAA Cert A&P 3390695 IA

WORK ORDER: 275-01-2024

Printed by EBIS (EBISCloud.com)

293-02-2024 (02-19-2024)

Page 1 / 1

MAKE: Cirrus
MODEL: SR20
S/N: 1677
REG. NO.: N1218P
ENGINE MAKE:
CONTINENTAL
ENGINE MODEL: IO-360-
ES
ENGINE SN: 360166

Midwest Corporate Air
3100 State Route 47 West
Bellefontaine, OH 43311

W/O #: 293-02-2024
DATE: 02-19-2024
A/C Tach: 2141.5
ENG TT: 2141.5
TSOH: 696.7

Engine Entries

• Installed new Continental Connector-Tach Drive P/N 642121-1RH. See 8130-3 form dated 8/30/2023.... Installed new L/H Cirrus Muffler P/N 20560-001....Performed SID-97 Fuel Calibration.

DATE: 02-19-2024

SIGNED:

Tim Kerns
FAA Cert A&P 3390695 IA

WORK ORDER: 293-02-2024

Printed by EBIS (EBISCloud.com)

332-03-2024 (03-01-2024)

Page 1 / 1

MAKE: Cirrus
MODEL: SR20
S/N: 1677
REG. NO.: N1218P
ENGINE MAKE:
CONTINENTAL
ENGINE MODEL: IO-360-
ES
ENGINE SN: 360166

Midwest Corporate Air
3100 State Route 47 West
Bellefontaine, OH 43311

W/O #: 332-03-2024
DATE: 03-01-2024
A/C Tach: 2157.4
ENG TT: 2157.4
TSOH: 712.6

Engine Entries

• Performed 50 hour inspection IAW MM and inspection checklist.... • Changed oil, cut open filter, no discrepancies noted. Serviced with 8 qts 20w50 oil and AA48110-2 filter. Washed engine, leak checked. Sent out Blackstone oil sample.... • Researched and complied with all Airworthiness Directives. See compliance list.

I certify that this aircraft has been repaired and inspected in accordance with a 50 hour inspection and was determined to be in airworthy condition at this time.

DATE: 03-01-2024

SIGNED:

Tim Kerns
FAA Cert A&P 3390695 IA

WORK ORDER: 332-03-2024

Printed by EBIS (EBISCloud.com)

417-05-2024 (06-11-2024)

MAKE: Cirrus
MODEL: SR20
S/N: 1677
REG. NO: N1218P
ENGINE MAKE:
CONTINENTAL
ENGINE MODEL: IO-360-
ES
ENGINE SN: 360166

Midwest Corporate Air
3100 State Route 47 West
Bellefontaine, OH 43311

W/O #: 417-05-2024
DATE: 06-11-2024
A/C Tach: 2197.4
ENG TT: 2197.4
TSOH: 752.6

Engine Entries

• Performed 100 hour inspection IAW MM and inspection checklist.... • Changed oil, cut open filter, no discrepancies noted. Serviced with 8 qts 20w50 oil and AA48110-2 filter. Washed engine, leak checked. Sent out Blackstone oil sample for analysis.... • Compressions [#1 (70/80), #2 (68/80), #3 (70/80), #4 (64/80), #5 (70/80), #6 (72/80)]... • Researched and complied with all Airworthiness Directives. See compliance records.

I certify that this aircraft has been repaired and inspected in accordance with an ANNUAL/100 hour inspection and was determined to be in airworthy condition at this time.

DATE: 06-11-2024

SIGNED:

Alvin Minzler
FAA Cert A&P 3099793

WORK ORDER: 417-05-2024

Printed by EBIS (EBISCloud.com)

563-08-2024 (08-09-2024)

Page 1 / 1

MAKE: Cirrus
MODEL: SR20
S/N: 1677
REG. NO: N1218P
ENGINE MAKE:
CONTINENTAL
ENGINE MODEL: IO-360-
ES
ENGINE SN: 360166

Midwest Corporate Air
3100 State Route 47 West
Bellefontaine, OH 43311

W/O #: 563-08-2024
DATE: 08-09-2024
A/C Tach: 2215.1
ENG TT: 2215.1
TSOH: 770.3

Engine Entries

• Performed ANNUAL inspection IAW Cirrus MM and inspection checklist.... • Changed oil, cut open filter, no discrepancies noted. Serviced with 8 qts 20w50 oil and AA48108-2 filter. Washed engine, leak checked. Sent out Blackstone oil sample for analysis.... • Installed 8ea new Tempest spark plugs P/N URHM38E and 12ea new spark plug washers.... • Compressions [#1 (74/80), #2 (72/80), #3 (78/80), #4 (74/80) #5 (74/80), #6 (72/80)]... • Researched and complied with all Airworthiness Directives. See compliance records.

I certify that this aircraft has been repaired and inspected in accordance with a 100 hour inspection and was determined to be in airworthy condition at this time.

DATE: 08-09-2024

SIGNED:

Tim Kerns
FAA Cert A&P 3390695 IA

WORK ORDER: 563-08-2024

Printed by EBIS (EBISCloud.com)

650-09-2024 (09-17-2024)

Page 1 / 1

MAKE: Cirrus
MODEL: SR20
S/N: 1677
REG. NO: N1218P
ENGINE MAKE:
CONTINENTAL
ENGINE MODEL: IO-360-
ES
ENGINE SN: 360166

Midwest Corporate Air
3100 State Route 47 West
Bellefontaine, OH 43311

W/O #: 650-09-2024
DATE: 09-17-2024
A/C Tach: 2266.3
ENG TT: 2266.3
TSOH: 821.5

Engine Entries

• Performed 50 hour inspection IAW Diamond MM and inspection checklist.... • Installed new tach sensor P/N T1A3-4 S/N B8428 and tach drive P/N S4212-1.... • Changed oil, cut open filter, no discrepancies noted. Serviced with 6 qts 20w50 oil and AA48108-2 filter. Washed engine, leak checked. Sent out Blackstone oil sample.... • Researched and complied with all Airworthiness Directives. See Compliance List.

I certify that this aircraft has been repaired and inspected in accordance with a 50 hour inspection and was determined to be in airworthy condition at this time.

DATE: 09-17-2024

SIGNED:

Alvin Minzler
FAA Cert 3099793 A&P

WORK ORDER: 650-09-2024

Printed by EBIS (EBISCloud.com)

674-10-2024 (10-03-2024)

Page 1 / 1

MAKE: Cirrus
MODEL: SR20
S/N: 1677
REG. NO: N1218P
ENGINE MAKE:
CONTINENTAL
ENGINE MODEL: IO-360-
ES
ENGINE SN: 360166

Midwest Corporate Air
3100 State Route 47 West
Bellefontaine, OH 43311

W/O #: 674-10-2024
DATE: 10-03-2024
A/C Tach: 2293.2
ENG TT: 2293.2
TSOH: 848.4

Engine Entries

• Installed new #1 Cirrus CHT sensor P/N 14880-001.

DATE: 10-03-2024

SIGNED:

Tim Kerns
FAA Cert A&P 3390695 IA

WORK ORDER: 674-10-2024

Printed by EBIS (EBISCloud.com)

SUB-TOTALS this page

TOTALS-Carry forward to next page

MAKE: Cirrus
MODEL: SR20
S/N: 1677
REG. NO: N1218P
ENGINE MAKE:
CONTINENTAL
ENGINE MODEL: IO-360-
ES
ENGINE SN: 360166

Midwest Corporate Air
3100 State Route 47 West
Bellefontaine, OH 43311

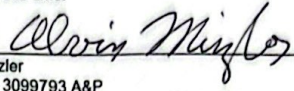
W/O #: 685-10-2024
DATE: 10-15-2024
A/C Tach: 2314.8
ENG TT: 2314.8
TSOH: 870.0

Engine Entries

• Performed 100 hour inspection IAW MM and inspection checklist.... • Changed oil, cut open filter, no discrepancies noted. Serviced with 8 qts 20w50 oil and AA48108-2 filter. Washed engine, leak checked. Sent out Blackstone oil sample for analysis.... • Compressions [#1 (74/80), #2 (68/80), #3 (74/80), #4 (61/80), #5 (70/80), #6 (70/80)]... • Researched and complied with all Airworthiness Directives. See compliance records.

I certify that this aircraft has been repaired and inspected in accordance with a 100 hour inspection and was determined to be in airworthy condition at this time.

DATE: 10-15-2024

SIGNED: 
Alvin Minzler
FAA Cert 3099793 A&P

WORK ORDER: 685-10-2024

Printed by EBIS (EBISCloud.com)

22-10-2024 (10-30-2024)

Page 1 / 1

MAKE: Cirrus
MODEL: SR20
S/N: 1677
REG. NO: N1218P

Midwest Corporate Air
3100 State Route 47 West
Bellefontaine, OH 43311


W/O #: 722-10-2024
DATE: 10-30-2024
A/C Tach: 2343.7
A/C Tach: 2343.7

Engine Entries

Installed new Cirrus R/H exhaust clamp P/N 20553-001.

certify this aircraft has been inspected IAW FAR regulations and is certified for return to service.

DATE: 10-30-2024

SIGNED: 
Michael Stevens
FAA Cert 5029481 A&P

WORK ORDER: 722-10-2024

Printed by EBIS (EBISCloud.com)

734-11-2024 (11-08-2024)

Page 1 / 1

MAKE: Cirrus
MODEL: SR20
S/N: 1677
REG. NO: N1218P
ENGINE MAKE:
CONTINENTAL
ENGINE MODEL: IO-360-
ES
ENGINE SN: 360166

Midwest Corporate Air
3100 State Route 47 West
Bellefontaine, OH 43311


W/O #: 734-11-2024
DATE: 11-08-2024
A/C Tach: 2366.4
ENG TT: 2366.4
TSOH: 921.6

Engine Entries

• Performed 50 hour inspection IAW Diamond MM and inspection checklist.... • Changed oil, cut open filter, no discrepancies noted. Serviced with 6 qts 20w50 oil and AA48108-2 filter. Washed engine, leak checked. Sent out Blackstone oil sample.... • Researched and complied with all Airworthiness Directives. See Compliance List.

I certify that this aircraft has been repaired and inspected in accordance with a 50 hour inspection and was determined to be in airworthy condition at this time.

DATE: 11-08-2024

SIGNED: 
Joe Spaulding
FAA Cert Pending A&P

WORK ORDER: 734-11-2024

Printed by EBIS (EBISCloud.com)

882-02-2025 (02-28-2025)

Page 1 / 1

MAKE: Cirrus
MODEL: SR20
S/N: 1677
REG. NO: N1218P
ENGINE MAKE:
CONTINENTAL
ENGINE MODEL: IO-360-
ES
ENGINE SN: 360166

Midwest Corporate Air
3100 State Route 47 West
Bellefontaine, OH 43311

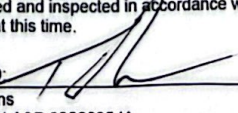
W/O #: 882-02-2025
DATE: 02-28-2025
A/C Tach: 2413.0
ENG TT: 2413.0
TSOH: 968.2

Engine Entries

• Performed 100 hour inspection IAW Cirrus MM and inspection checklist.... • Changed oil, cut open filter, no discrepancies noted. Serviced with 6 qts 20w50 oil and AA48108-2 filter. Washed engine, leak checked. Sent out Blackstone oil sample for analysis.... • Installed new #1 bottom spark plug Tempest P/N URHM38E.... • Compressions [#1 (62/80), #2 (67/80), #3 (75/80), #4 (65/80) #5(69/80), #6 (67/80)]... • Researched and complied with all Airworthiness Directives. See compliance records.

I certify that this aircraft has been repaired and inspected in accordance with a 100 hour inspection and was determined to be in airworthy condition at this time.

DATE: 02-28-2025

SIGNED: 
Tim Kerns
FAA Cert A&P 3390695 IA

WORK ORDER: 882-02-2025

Printed by EBIS (EBISCloud.com)

SUB-TOTALS this page

TOTALS-Carry forward to next page