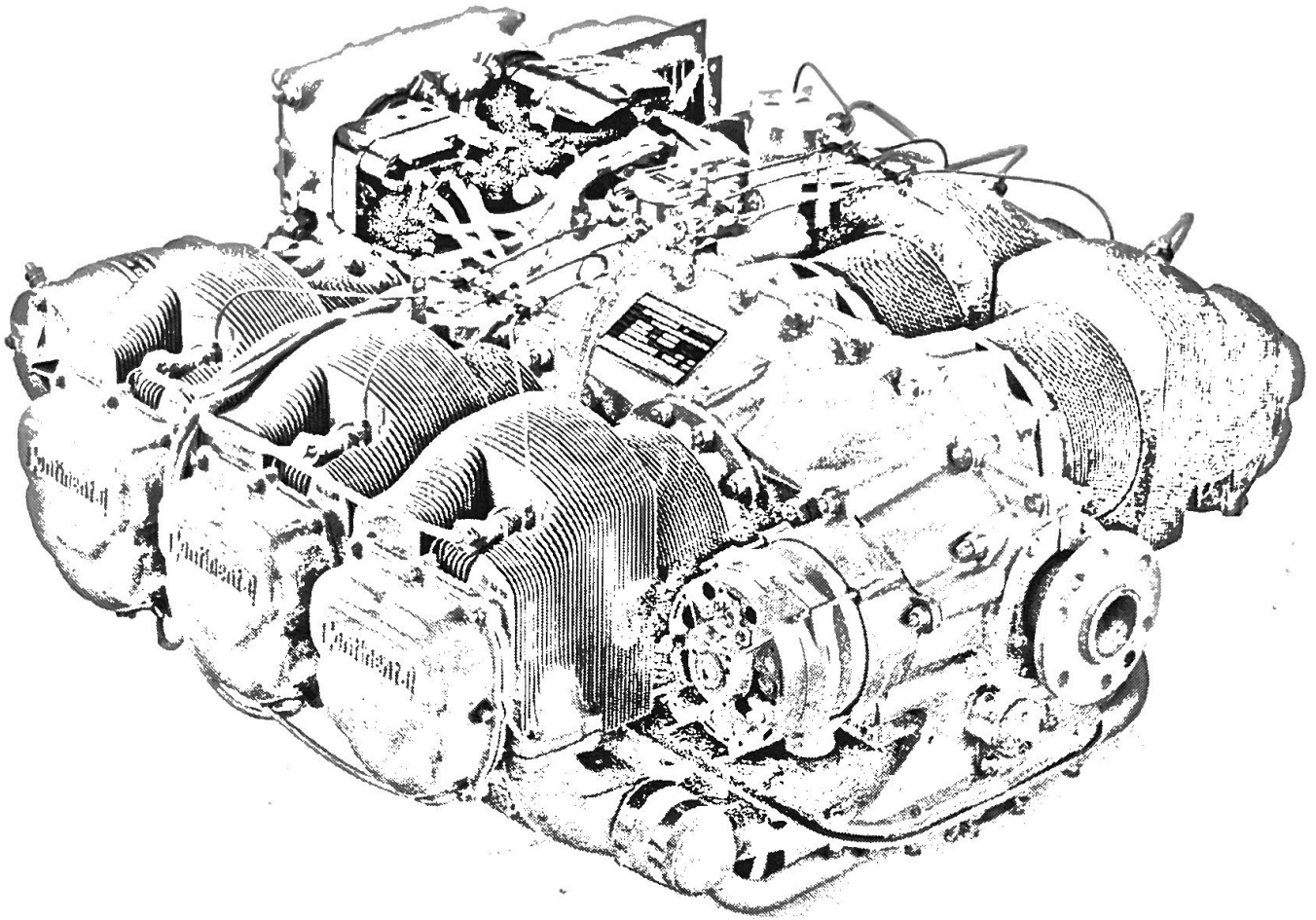


N215SR

ENGINE LOG BOOK

2



Teledyne Continental Motors, Inc.

Service Information

Service Bulletins and Technical Publications are available on a direct mail basis from the factory. Orders must be prepaid. Send for order form or call 334-438-3411, publications department, for information.

Engine Returns

All returned engines are to be shipped with this log book Directly to:

Teledyne Continental Motors
Abbeville Industrial Park
Suite 159
Abbeville, AL 36310

**USE ONLY FUEL CONFORMING TO ASTM D910
USE OF AUTOMOTIVE GAS IS NOT APPROVED.**



Teledyne Continental Motors, Inc.
A Teledyne Technologies Company

Printed: 05/22/2006

This engine model I0360ES6, Serial No. 360192 was manufactured on 05/22/2006 by Teledyne Continental Motors in accordance with approved design data and the applicable requirements of Part 21 of the Federal Aviation Regulation. The approved design data for this engine incorporates all changes required by applicable Airworthiness Directives and Teledyne Continental Motors Service Bulletins.



TELEDYNE CONTINENTAL MOTORS

A TELEDYNE TECHNOLOGIES COMPANY

PRODUCTION CERTIFICATE NO. 508

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.	
8/22/2006	24	9			Hobbs Time Reads 24.0, Flight Time Reads 24.9 Hours. Changed Engine Oil and Filter. Cut open old filter for examination. Serviced with Phillips AC 20W50 oil. Ground run and leak check checked OK. End Richard Brubaker AP2657940
10/16/2006	51	0			Hobbs Time Reads 66.1, Flight Time Reads 57.0 Hours. Changed Engine Oil and Filter. Cut open old filter for examination. Serviced with Phillips AC 20W50 oil. Ground run and leak checked OK. End Richard Brubaker AP2657940



Western Shore Aviation
N6187 Resource Dr.
Sheboygan Falls, WI 53085
920.467.6151

N215SR (Cirrus SR 20 s/n 1680)
Feb. 21, 2007
Hobbs: 124.7 Flight: 96.3
Continental: IO-360-ES6 - s/n 360192

C/W 100 HOUR Inspection IAW FAR43 Appx. D and Cirrus Scheduled Maintenance Report.
C/W Oil and filter change (insp. old filter) Serviced with Phillips 20w50 X/C oil.
Cleaned, gaped, tested, and rotated all spark plugs.
Inspected Air filter, - due at 200 hrs. or at Annual.
Inspected and lubed all engine controls.
No AD's due . - AD Compliance List compiled with records.

I certify that this ENGINE was inspected in accordance with a 100 HOUR inspection and was determined to be in airworthy condition at this time.

Mech Troy M Sluys Cert. # A&P 399704858 IA

5/27/2007	149	4			Flight Time Reads 149.4 Hours, Hobbs Time Reads 192.2 Hours. Changed Engine Oil and Filter. Cut open old filter for examination. Serviced with Phillips AC 20W50 Oil. Ground run and leak checked OK. End Richard Brubaker AP2657940

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 →

Riverside Aviation Inc. 2601 Runway Drive Waupaca, WI 54981
Brunner Field (KPCZ)

Type: Cirrus SR-20
S/N 1680
N215SR
DATE 06/28/2007

Continental IO-360-ES6
S/N 360192
Flight Time: 175.3
Hobbs: 225.8

Completed an Annual Inspection in accordance with the Cirrus Design Maintenance Manual inspection checklist. Changed engine oil and filter. Sampled oil for analysis. Cut open old filter for examination. Checked and cleaned suction screen. Cylinder compressions were as follows: #1-77/80 #2-78/80 #3-75/80 #4-76/80 #5-77/80 #6-77/80. Cleaned, gapped, and tested spark plugs. Set left and right magneto to engine timing specifications. Checked and cleaned fuel injectors nozzles. Checked and lubricated engine controls in accordance with the Cirrus Service Manual. Serviced engine with Phillips 20W50. Ground ran in accordance with FAR 43.15 (c)(2) and leak checked. I certify this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. **END.**

Ridwan L. Mulyo AWP 26579401A

10/12/07	Hobbs 292.0	Flight 227.1	Drained oil and Replaced Filter. Cut open filter and Inspected. Installed New Filter serviced with 8 qts of Phillips 20W50 Ground run and leak checked
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John P. Boyd AWP 389569759

Riverside Aviation, Inc.
2601 Runway Drive
Waupaca Municipal Airport
Waupaca, Wisconsin 54981

Engine: IO-360-ES6 Serial Number: 360192 Engine Total Time: 0271.8
Registration: N215SR Date: 03/26/08

Completed an Annual Inspection this date in accordance with the Cirrus Design Aircraft Maintenance Manual inspection checklist. Changed engine oil and filter. Cut open old filter for examination. Sampled engine oil for analysis. Checked and cleaned oil suction screen. Cylinder compression as follows: #1-79/80, #2-79/80, #3-79/80, #4-79/80, #5-79/80, #6-79/80. Cleaned, gapped and tested spark plugs. Adjusted right magneto to engine timing, left was OK. Cleaned and reinstalled fuel injection nozzles. Checked and lubricated engine controls. Adjusted exhaust ball joint tension to specification. Replaced induction tube flange gasket on cylinder #2. Re-tensioned oil cooler support shoe. Serviced engine with Phillips 20W50 oil. Ground ran in accordance with FAR 43.15 (c) (2) and leak checked. I certify this engine has been inspected in accordance with an Annual Inspection, and was determined to be in airworthy condition. **END.**

Russell R. Bango 1A2296175

7/8/08	Hobbs time 321.3	Drained oil and Sampled for analysis. Replaced filter. Serviced with Phillips 20W50 oil. Performed Ground run and leak checked End
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John P. Boyd AWP 389569759

3/22/2010
HOBBS 877.4



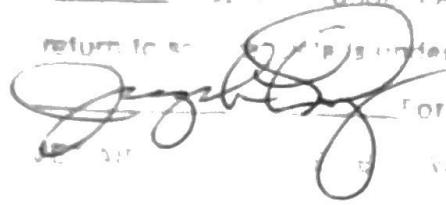
JET AIR GROUP INC.

1921 AIRPORT DRIVE AUSTIN STRAUBEL FIELD
GREEN BAY WI 54313
F.A.A. APPROVED REPAIR STATION CRS MZ2R023L

N215SR
ENGINE
SN 360192

CHANGED OIL & FILTER. FILTER P/N CH48108-1 & SERVICED WITH 8QTS PHILLIPS 20W50. TOOK OIL SAMPLE AND SENT FOR ANALYSIS. ENGINE GRD RAN, LEAKED CHECKED OK.

I certify this ENGINE has been inspected in accordance with a 50 HR inspection under FAR 91 409 (F) (3) and approved for return to service under W/O 9173


For

JET AIR CORP GREEN BAY, WI FAA Repair Station MZ2R023L



JET AIR GROUP INC.

1921 AIRPORT DRIVE AUSTIN STRAUBEL FIELD
GREEN BAY, WI 54313
F.A.A. APPROVED REPAIR STATION CRS MZ2R023L

APRIL 23, 2010 AIRCRAFT N215SR HOBBS AND TOTAL TIME 926.6 ENGINE SERIAL NUMBER 360192
TOTAL TIME 926.6

COMPLIED WITH 50 HOUR AND 100 HOUR INSPECTIONS USING CIRRUS SR20 MAINTENANCE MANUAL SCHEDULED INSPECTION REPORT AS A GUIDE. CHANGED OIL AND FILTER. TOOK OIL SAMPLE AND SENT FOR ANALYSIS. INSTALLED NEW FILTER PART NUMBER CH48108-1 SERVICED 8QTS PHILLIPS 20W50 OIL. COMPRESSION TEST: #1 62, #2 69, #3 70, #4 73, #5 70, #6 70 ALL OVER 80.. CLEANED FUEL INJECTORS. CLEANED GAPPED AND TESTED SPARK PLUGS ALL OK FOR SERVICE. REPLACED AIR INDUCTION FILTER PART NUMBER BA24. ENGINE RAN, LEAKED AND OPS CHECKED OK FOR RETURN TO SERVICE. ALL WORK DONE USING MANUFACTURER'S MAINTENANCE MANUALS AS A REFERENCE. DETAILS UNDER WORKORDER NUMBER 9210.

ENGINE *John*

I certify this Aircraft has been inspected in accordance with a 50/100 HR inspection under FAR 91 409 (F) (3) and approved for return to service. Details under W/O 9210


For

JET AIR CORP GREEN BAY, WI FAA Repair Station MZ2R023L



JET AIR GROUP INC.

1921 AIRPORT DRIVE AUSTIN STRAUBEL FIELD
GREEN BAY, WI 54313
F.A.A. APPROVED REPAIR STATION CRS MZ2R023L

MAY 19, 2010 AIRCRAFT N215SR HOBBS 968.8

CHANGED ENGINE OIL AND FILTER. TOOK OIL SAMPLE AND SENT FOR ANALYSIS. INSTALLED NEW FILTER PART NUMBER CH48108-1. SERVICED WITH 8QTS PHILLIPS 20W50 OIL. ENGINE RAN AND LEAK CHECKED OK. ALL WORK DONE USING MANUFACTURER'S MAINTENANCE MANUALS AS A REFERENCE. DETAILS UNDER WORKORDER NUMBER 9230.


FOR CRS MZ2R023L



JET AIR GROUP INC.

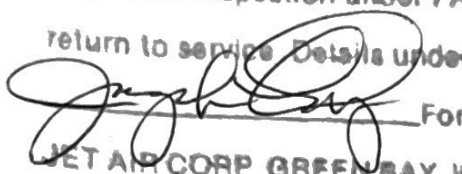
1921 AIRPORT DRIVE AUSTIN STRAUBEL FIELD
GREEN BAY WI 54313
F.A.A. APPROVED REPAIR STATION CRS MZ2R023L

AIRCRAFT N215SR JUNE 24, 2010 HOBBS 1015.1 AIRCRAFT TOTAL TIME 1015.1 ENGINE SERIAL NUMBER 360192
TOTAL TIME 1015.1

COMPLIED WITH ANNUAL/100 HOUR AND 50 HOUR INSPECTIONS USING CIRRUS SR20 SCHEDULED
INSPECTION REPORT AS A GUIDE. CHANGED OIL AND FILTER. TOOK OIL SAMPLE AND SENT IN FOR ANALYSIS
INSTALLED NEW FILTER PART NUMBER CH48108-1, SERVICED WITH 8QTS PHILLIPS 20W50 OIL. COMPRESSION
TEST AS FOLLOWS: #1 60, #2 67, #3 68, #4 68, #5 64, #6 66 ALL OVER 80. CLEANED, GAPPED AND TESTED
SPARK PLUGS. REPLACED INDUCTION AIR FILTER PART NUMBER BA-24. COMPLIED WITH LEFT AND RIGHT
500 HOUR MAGNETO INSPECTION, REPLACED PARTS AS REQUIRED. ENGINE RAN, OPS AND LEAK CHECKED OK
FOR RETURN TO SERVICE. ALL WORK ACCOMPLISHED USING MANUFACTURER'S MAINTENANCE PROGRAMS
AS A REFERENCE.

I certify this ENGINE has been inspected in accordance with a
50 HR inspection under FAR 91 409 (4) (1) and approved for
700/ANNUAL & 500HR MAGNETO

return to service Details under W/O 9268

 For

JET AIR CORP GREEN BAY, WI FAA Repair Station MZ2R023L



JET AIR GROUP INC.

1921 AIRPORT DRIVE AUSTIN STRAUBEL FIELD
GREEN BAY, WI 54313
F.A.A. APPROVED REPAIR STATION CRS MZ2R023L

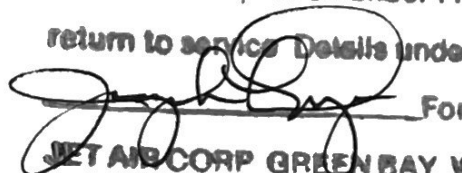
N215SR

7/22/10
ETSN 1064.2

CHANGED OIL & FILTER FILTER P/N CH48108-1 & SERVICED WITH
8 QTS PHILLIPS 20W50. TOOK OIL SAMPLE AND SENT FOR
ANALYSIS. ENGINE GRD RAN LEAK CHECKED OK.

I certify this Aircraft/ENGINE has been inspected in accordance with a
50 HR inspection under FAR 91 409 (F) (3) and approved for

return to service Details under W/O 9289

 For

JET AIR CORP GREEN BAY, WI FAA Repair Station MZ2R023L



JET AIR GROUP INC.

1921 AIRPORT DRIVE AUSTIN STRAUBEL FIELD
GREEN BAY, WI 54313
F.A.A. APPROVED REPAIR STATION CRS MZ2R023L

AUGUST 8, 2010 AIRCRAFT N215SR HOBBS 1083.7
REMOVED STARTER ADAPTER ASSEMBLY SENT IN FOR REPAIR. REINSTALLED SAME STARTER ADAPTER
ASSEMBLY AFTER OVERHAUL BY POPLAR GROVE AIR MOTIVE, SEE ENCLOSED 8130. INSTALLED NEW
STARTER PART NUMBER 657596 SERIAL NUMBER 4C3-251046. ENGINE LEAKED AND OPS CHECKED OK
RETURN TO SERVICE.

Pete H. Laumann
FOR CRS MZ2R023L
W.O. # 9304



JET AIR GROUP INC.

1921 AIRPORT DRIVE AUSTIN STRAUBEL FIELD
GREEN BAY, WI 54313
F.A.A. APPROVED REPAIR STATION CRS MZ2R023L

N215SR 9/3/2010 ACTT 1109.6 HOBBS 1109.6 SR20 S/N 1680 ETSN 1109.6

Complied with 50/100 hour inspections using Cirrus SR20 Maint. Manual Scheduled Inspection Report as a guide.
Changed oil and filter, filter P/N CH48108-1 and serviced with 8 qts. Phillips 20W50. Cleaned/tested/gapped spark plugs,
replaced 4 each RHM38E. Compression test as follows: #1 60, #2 70, #3 70, #4 70, #5 70, #6 70, over 80.
Replace induction air filter P/N BA24. Checked Mag. Timing.
Engine cleaned and lubed as required. Engine ground ran, leaked and ops checked and was found OK for return to service.
All work accomplished using the manufactures Maint. Manual as a guide.

I certify this ENGINE has been inspected in accordance with a
100/Annual inspection under FAR 91 409 (l) and approved for
return to service Details under W/O 9328

[Signature] For
JET AIR CORP GREEN BAY, WI FAA Repair Station MZ2R023L



JET AIR GROUP INC.

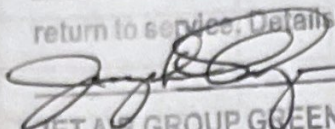
1921 AIRPORT DRIVE AUSTIN STRAUBEL FIELD
GREEN BAY, WI 54313
F.A.A. APPROVED REPAIR STATION CRS MZ2R023L

8/9/2011 ACTT 1159.8 ETSN 1159.8

N215SR

CHANGED OIL AND FILTER, FILTER P/N CH48108-1 AND SERVICED WITH 8 QTS PHILLIPS 20W50 OIL. OIL SAMPLE TAKEN AND SENT FOR ANALYSIS. ENGINE GROND RAN, LEAK CHECKED OK. ALL WORK ACCOMPLISHED USING THE MANUFACTURES MAINT. MANUAL AS A GUIDE.

I certify this ENGINE has been inspected in accordance with a
50HR inspection under FAR 91 409 (f) (3) and approved for
return to service. Details under W/O 9822

 For
JET AIR GROUP GREEN BAY, WI FAA Repair Station MZ2R023L



JET AIR GROUP INC.

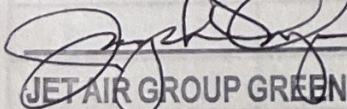
1921 AIRPORT DRIVE AUSTIN STRAUBEL FIELD
GREEN BAY, WI 54313
F.A.A. APPROVED REPAIR STATION CRS MZ2R023L

10/5/2011 HOBBS 1188.4 ETSN 1188.4

N215SR

COMPLIED WITH 50/100 HR/ANNUAL INSPECTION USING THE CIRRUS SR20 SCHEDULED INSPECTION REPORT AS A GUIDE. COMPRESSION TEST AS FOLLOWS: #1 60, #2 61, #3 62, #4 62, #5 60, #6 63, ALL OVER 80. CLEANED GAPPED/TESTED SPARK PLUGS, REPLACED 2 EACH, P/N RHM38E. CLEANED FUEL INJECTOR'S. CHECKED MAG. TIMING, CLEANED AND LUBED ENGINE. REPLACED #3 ⁹⁴ⁱⁿ EGT PROBE P/N 16579-002, OPS CHECKED OK. ALL WORK ACCOMPLISHED USING THE MANUFACTURES MAINT. MANUAL AS A GUIDE. ENGINE GROUND RAN LEAK AND OPS CHECKED.

I certify this ENGINE has been inspected in accordance with a
50/100HR/ANNUAL inspection under FAR 91 409 (a) (1) and approved for
return to service. Details under W/O 9887

 For
JET AIR GROUP GREEN BAY, WI FAA Repair Station MZ2R023L

Engine Service and Maintenance Record

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

Date	Total Time		Time Since Last Overhaul	
	Hrs.	Min.	Hrs.	Min.

Brought Forward →
N215SR **10/29/2012** tach: 1215.7 TT:1215.7

Performed an annual inspection referencing FAR 43 appendix D and Cirrus SR-20 inspection guide. AD 11-26-07. Slick mags is n/a by s/n to installed mags. Compressions were #1-52, 2-70, 3-73, 4-64, 5-71, 6- 72 all over 80psi. Engine oil and filter was changed and refilled with 8 quarts of Phillips 20W-50 and CH48108-1 filter. Checked oil filter for contaminants, none noted. I certify that this engine has been inspected in accordance with an annual inspection and has been determined to be in airworthy condition.

Bruce F Botterman

Bruce Botterman A&P1698010 I/A

N215SR, Hobbs 1217.0, 03/11/2013, replaced top #5 spark plug with new, ground run normal.

Bruce F Botterman

Bruce F Botterman A&P1698010

N215SR, hobbs and TTESN 1224.9, 03/19/2014. Performed an annual inspection referencing FAR43 appendix D and Cirrus SR-20 inspection guide. Oil changed, 8 quarts 20Wx50 X-C added, oil filter changed, old filter inspected, no contaminants found, timing checked, compression 1-54, 2-69, 3-65, 4-66, 5-64, 6-64 all over 80psi, spark plugs cleaned and tested, ground run normal nad no leaks noted. I certify that this engine has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition.

Bruce F Botterman

Bruce F Botterman A&P1698010IA

N215SR, 10/30/2014, hobbs and TTESN 1265.7, oil changed, 8 quarts 20Wx50 X-C added, oil filter changed, old filter inspected, no contaminants found, ground run, no leaks noted.

Bruce F Botterman

Bruce F Botterman A&P1698010

N215SR, AFTT 1266.5, hobbs 1266.5, 12/12/2014, installed Reiff engine heating system, HotStrip oil sump heater and HotBand cylinder heating system components in accordance with the manufacturer's instruction document, Inst HS 2013-9.doc. Weight and balance revision to pilot operating handbook, weight and balance section. Operating instructions returned to operator.

Bruce F Botterman

Bruce F Botterman A&P1698010

N215SR **06/19/2015** tach: 1269.6 TT:1269.6

Performed an annual inspection referencing FAR 43 appendix D and Cirrus SR-20 inspection guide. Compressions were #1-60, 2-66, 3-68, 4-66, 5-68, 6- 60 all over 80psi. Engine oil and filter was changed and refilled with 8 quarts of Phillips 20W-50 and CH48108-1 filter. Checked oil filter for contaminants, none noted. I certify that this engine has been inspected in accordance with an annual inspection and has been determined to be in airworthy condition.

Bruce F Botterman

Bruce Botterman A&P1698010 I/A

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 →					

Date: 6/02/2016; Aircraft: N215SR; Type: CIRRUS SR20; S/N: 1680; Hobbs: 978.9; Total Time: 978.9; Engine - Type: IO-360-ES6, S/N: 360192, Time: 978.9, Prop - Type: PHC-J3YF-1RF/F7392-1, S/N: FP4747B, Time 978.9

Hobbs: 1302.5 Flight Hobbs: 978.9
 Engine Work

Completed an Annual inspection in accordance with FAR 43, Appendix D. Changed oil and filter (CH48108-1), took sample, cut filter, no metal noted, serviced engine with 8 qts. of Phillips 20W50 XC. Cleaned, gapped and tested spark plugs. Replaced four spark plugs p/n URH38E with new. Retimed left and right magneto to engine per Continental specifications. Compression test performed in accordance with TCM Standard Practice Maintenance Manual M-0, compressions as follows: #1) 54/80, #2) 70/80, #3) 72/80, #4) 69/80, #5) 70/80, #6) 70/80. Master Orifice of the day 46/80. Performed borescope inspection per TCM Standard Practice Maintenance Manual M-0, no defects noted.

Complied with Cirrus SA16-02 (3/18/16) Release of Continental Motors Service Information Letter SIL15-8: Front Mounted Alternator Bracket Assembly Inspection - no defects noted.

Performed ground run, operational, and leak checks - no defects noted. I certify that this engine has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition.

Doug Seibel
 A&P389765035 IA *Doug Seibel* IA38976 5035

Wisconsin Aviation - Madison
 3606 Corben Court
 Madison, WI 53704
 608-268-5003



Wisconsin Aviation - Watertown
 1741 River Drive
 Watertown, WI 53094
 920-261-4567

N215SR 07/17/2017 Tach+TT: 1341.6

Performed an annual inspection referencing FAR 43 appendix D and Cirrus SR-20 inspection guide. Compressions were #1-60, 2-74, 3-76, 4-67, 5-70, 6- 62 all over 80psi. 42/80. Engine oil and filter was changed and refilled with 8 quarts of Phillips 20W-50 and CH48108-1 filter. Checked oil filter for contaminates, none noted. Replaced 1 spark plug p/n: URHM-38E I certify that this engine has been inspected in accordance with an annual inspection and has been determined to be in airworthy condition.

Jeffrey Miller A&P 2774193 I/A *Jeffrey Miller*

N215SR 09/01/2018 Tach+TT: 1341.6

Performed an annual inspection referencing FAR 43 appendix D and Cirrus SR-20 inspection guide. Compressions were #1-64, 2-70, 3-74, 4-74, 5-72, 6- 58 all over 80psi. 44/80. Engine oil and filter was changed and refilled with 8 quarts of Phillips 20W-50 and CH48108-1 filter. Checked oil filter for contaminates, none noted. I certify that this engine has been inspected in accordance with an annual inspection and has been determined to be in airworthy condition.

Jeffrey Miller A&P 2774193 I/A *Jeffrey Miller*

N215SR 06/12/2020 Tach+TT: 1342.3

Performed an annual inspection referencing FAR 43 appendix D. Compressions were #1-6, 2-70, 3-74, 4-72, 5-72, 6- all over 80psi. 44/80. Engine oil and filter was changed and refilled with 7 quarts of Phillips 20W-50 and CH48108-1 filter. Checked oil filter for contaminates, none noted. I certify that this engine has been inspected in accordance with an annual inspection and has been determined to be in airworthy condition.

Jeffrey Miller A&P 2774193 I/A *Jeffrey Miller*

