

THE  
**adlog**<sup>TM</sup>

AIRCRAFT  
MAINTENANCE  
RECORDKEEPING  
SYSTEM

**ENGINE  
MAINTENANCE  
RECORDS**



# ENGINE MAINTENANCE RECORDS

Log No. \_\_\_\_\_

Aircraft Registration No. N361DS

Engine Manufacturer Continental

Model I0-360-ES (6)

Serial No. 360224

Date installed on aircraft \_\_\_\_\_

Time Between Overhauls (TBO) \_\_\_\_\_ Hours

If used on multi-engine aircraft:

- |                                |                               |
|--------------------------------|-------------------------------|
| <input type="checkbox"/> Right | <input type="checkbox"/> Left |
| <input type="checkbox"/> Front | <input type="checkbox"/> Rear |



(All applicable information must be filled in)

**AEROTECH PUBLICATIONS INC.**

P.O. Box 1359 / Southold, NY 11971-0965  
(631) 765-9375  
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TOTALS brought forward from previous page

**ZEPHYR AIRCRAFT ENGINES INC.**

39320 B, Avenue. Zephyrhills FL. 33542  
(813) 788-3305. FAX (813) 788-4412

N625SF

Dated May 26, 2016

Model IO-360-ES

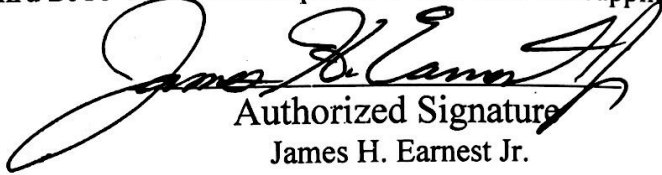
Engine Total Time. \_\_\_\_\_

Time since Major Overhaul. 0.00

W.O. No. 216074  
Mfg. Continental  
Serial No. 360244

This is to certify that the engine described hereafter has been overhauled to manufacturer's new parts Limits. The Engine was disassembled, cleaned, and inspected in accordance with Manufacturer's instructions. All steel parts magnafluxed, reassembled and test run in accordance with manufacturer's current overhaul manual and in accordance with current Federal Aviation Regulations and is approved for return to service. Pertinent details of these repairs are on file at this agency under the W.O. #216074 listed above. All applicable Airworthiness Directives thru 2016-10 are in compliance. See A.D. list supplied.

F.A.A. APPROVED REPAIR STATION #VI4R397M

  
Authorized Signature  
James H. Earnest Jr.

Components, Accessories, & Related Parts supplied or installed.				Overhauled	Repaired	Not Repaired
Fuel Servo/ Carburetor	P/N	652844-1A4	S/N A06FA255	X		
Fuel Flow Divider	P/N	646508-10A7	S/N C06FA256	X		
Fuel Pump	P/N	649368-46A4	S/N B06FA277	X		
Left Magneto	P/N	6314	S/N 16030317	NEW		
Right Magneto	P/N	6314	S/N 16030318	NEW		
Starter Motor	P/N	646275-1	S/N T-019431	X		
Oil Cooler	P/N	20458A	S/N E06-4776159	X		
Alternator/Generator1	P/N	ES4024LP	S/N H-N061527			X
Alternator/Generator2	P/N	BC410-1	S/N 0664898			X
Prop Governor	P/N	C290D3P/T23	S/N 040013			X
Spark Plugs	P/N	RHM38E	Ignition Harness	P/N	KA12778	
Oil Filter	P/N	CH48108-1				



**Engine**

8191 N Tamiami Trail  
Sarasota, FL 34243  
[www.AEROMx-srq.com](http://www.AEROMx-srq.com)  
(941) 360-9074

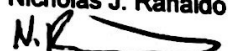
Date: 06/01/2016

Make: TCM  
S/N: 360244

Model: IO-360ES6  
Hobbs: 2406.9

REG #: N625SF  
TTAF: 2406.9

Changed oil and filter. Serviced with 8 quarts of Phillips 20/50 XC and a CH48110-1 oil filter. Inspected old filter with no contamination found. Cleaned, gapped, tested and torqued spark plugs. Compression test as follows: #1 78/80 #2 78/80 # 3 77/80 #4 78/80 # 5 76/80 #6 78/80. Inspected fluid lines, fittings. Cleaned engine and performed run up and leak check with no leaks found. All engine ops checks good. I certify that this engine has been inspected in accordance with a 100hr inspection as per the scope and detail of FAR 43 appendix D and was determined to be in airworthy condition.

Nicholas J. Ranaldo  


A&P#3653259

Belle Aircraft Maintenance 20 Lindbergh Ln, Fletcher, NC 28732 828-684-9191  
 6/2/17 N625SF IO-360-ES S/N: 360244 Hobbs: 71.5

Page No. \_\_\_\_\_

DATE

TOTAL TIME: 2478.4 SMOH: 71.5  
 Drained oil, cleaned suction screen and replaced filter with new AA48108-2. Filled with 8Qts. Phillips 20W-50. Cleaned, gapped and rotated spark plugs. Compression: 1)75/80, 2)78/80, 3)72/80, 4)78/80, 5)76/80, 6)78/80. Cleaned all the fuel nozzles. Washed and ran engine, no leaks noted.

I certify that this engine was inspected IAW a 100HR/Annual Inspection and was approved for return to service.

  
 Michael Everhart A&P3038109IA

Belle Aircraft Maintenance 20 Lindbergh Ln, Fletcher, NC 28732 828-684-9191  
 7/19/18 N625SF IO-360-ES S/N: 360244 Hobbs: 117.5  
 Total Time: 2524.4 SMOH: 117.5

Drained oil, cleaned screen, replaced filter with new AA48108-2 and filled with 8Qts. Phillips 20W-50 and one bottle of Cam Guard. Cleaned, gapped and rotated spark plugs. Compression: 1)75/80, 2)77/80, 3)76/80, 4)77/80, 5)79/80, 6)78/80. Adjusted magneto timing on both magnetos. Checked and adjusted fuel pressures as needed. Replaced #1 exhaust rocker cover gasket. Washed and ran engine, no leaks noted.

I certify that this engine was inspected IAW a 100HR/Annual Inspection and was approved for return to service.

  
 Michael Everhart A&P3038109IA



**Airframe**

8191 N Tamiami Trail  
 Sarasota, FL 34243  
[www.AEROMx-srq.com](http://www.AEROMx-srq.com)  
 (941) 360-9074

Date: 03/18/2019

Make: Cirrus Design  
 S/N: 1720

Model: SR-20  
 Hobbs: 149.5

REG #: N625SF

Removed and replaced Cylinder #6 CHT Probe with a New Cirrus Design P/N#16578-001 IAW Cirrus SR20 Maintenance Manual Chapter 77, Page 77-20, Paragraph E1(a-f) and E2(a-h).

Performed Operational Check with no faults found.

Daniel E. Hamilton A&P#3830836





**Engine**

8191 N Tamiami Trail  
 Sarasota, FL 34243  
[www.AEROMx-srq.com](http://www.AEROMx-srq.com)  
 (941) 360-9074

Date: 04/30/2019

Make: TCM  
 S/N: 360244

Model: IO-360ES6  
 Tach: 159.0

REG #: N625SF

Changed Oil and Filter. Serviced with 8 quarts of Phillips 20/50 X/C, and a NEW Tempest P/N# AA48108-2 IAW Cirrus SR 20 Airplane Maintenance Manual, Chapter 12, Section 12-10, Page 10, Paragraph 2 and 3, and Page 11, Paragraph 4.

Operational check ok with no leaks noted.

Miguel L. Vicente A&P#3954737



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SERVICE

SINCE OVERHAUL

METER TIME

SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

TOTALS brought forward from previous page



**Airframe**

8191 N Tamiami Trail  
Sarasota, FL 34243  
[www.AEROmx-srq.com](http://www.AEROmx-srq.com)  
(941) 360-9074

Date: 04/25/2019

Make: Cirrus Design  
S/N: 1720

Model: SR-20  
Hobbs: 157.2

REG #: N625SF

Checked LH and RH Magnetos for internal shorts.  
Checked LH and RH Magneto drop circuits for continuity.  
Tightened Key Switch Bezel.

Operationally checked with normal drops and grounding observed.

Nicholas J. Ranaldo A&P#3653259

*Belle Aircraft Maintenance 20 Lindbergh Ln, Fletcher, NC 28732 828 684-9191*  
8/1/19 N625SF IO-360-ES SN: 360244 Tach: 183.0  
Engine Total Time:2589.9 SMOH: 183.0

*Drained oil and replaced filter with AA48108-2.. Replenished with 8 qts. Phillips 20W50 oil and 1 pint cam guard. Clean, gapped and rotated spark plugs. . Compression check: #1 78/80, #2 - 77/80, #3 - 78/80, #4 - 77/80, #5 - 78/80 and #6 - 77/80. Engine run leak check good. Replaced bracket air filter element BA-24. Cleaned fuel nozzles.*

*I certify that this Engine has been inspected in accordance with an Annual inspection and was approved for return to service.*

A&P 3598992 IA  
David G. Phillips

*Belle Aircraft Maintenance 20 Lindbergh Ln, Fletcher, NC 28732 828-684-9191*  
9/24/19 N625SF SR20 S/N: 1720 Hobbs: 186.1  
Replaced the #6 CHT probe with a new 16578-001, operational check good.

A&P3038109  
Michael Everhart

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
<b>TOTALS</b> brought forward from previous page				



**Engine**

8191 N Tamiami Trail  
Sarasota, FL 34243  
[www.AEROMx-srq.com](http://www.AEROMx-srq.com)  
(941) 360-9074

Date: 09/11/2020  
Model: IO-360-ES6  
Tach: 204.0

Make: TCM  
S/N: 360244

REG #: N625SF

Removed LH and RH Magnetos sent to Eagle Magneto INC. Reinstalled (2) Repaired Slick M/N# 6314 S/N# LH-16030318, RH-16030317. IAW Continental Motors IO-360-ES Maintenance Manual Chapter 10, Section 10-5.

Performed operational check no faults were found.

Miguel L. Vicente A&P#3954737



**Engine**

8191 N Tamiami Trail  
Sarasota, FL 34243  
[www.AEROMx-srq.com](http://www.AEROMx-srq.com)  
(941) 360-9074

Date: 09/11/2020  
Model: IO-360-ES6  
Tach: 204.0

Make: TCM  
S/N: 360244

REG #: N625SF

Removed and replaced Spark Plugs (Cylinder #1 Bottom and Cylinder #4 Top) with two (2) NEW Champion P/N# RHM38E IAW Cirrus Model SR20 Airplane Maintenance Manual, Chapter 74-20, Task B.

Operational check performed with no faults found.

Caleb G. Rahz A&P#4110299



**Engine**

8191 N Tamiami Trail  
Sarasota, FL 34243  
[www.AEROMx-srq.com](http://www.AEROMx-srq.com)  
(941) 360-9074

Date: 09/11/2020  
Model: IO-360-ES6  
Tach: 204.0

Make: TCM  
S/N: 360244

REG #: N625SF

Removed and replaced Induction Air Filter with one (1) NEW Brackett P/N# BA-24 IAW Cirrus Model SR20 Airplane Maintenance Manual, Chapter 71-60, Task 2A.

Operational check performed with no faults found.

Caleb G. Rahz A&P#4110299



**Airframe**

8191 N Tamiami Trail  
Sarasota, FL 34243  
[www.AEROMx-srq.com](http://www.AEROMx-srq.com)  
(941) 360-9074

Date: 09/17/2020  
Model: SR-20  
Hobbs: 204.0

Make: Cirrus Design  
S/N: 1720

REG #: N625SF

Removed and replaced Battery 1 with a NEW Concorde P/N# RG24-15M S/N# 41105665. IAW Cirrus SR20 Aircraft Maintenance Manual, Chapter 24, Section 24-30, Page 76,77.

Performed operational check no faults were found

Miguel L. Vicente

A&P#3954737

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**Engine**

8191 N Tamiami Trail  
Sarasota, FL 34243  
www.AEROMx-srq.com  
(941) 360-9074

Date: 09/22/2020

Model: IO-360-ES6  
Tach: 204.0

REG #: N625SF

Make: TCM  
S/N: 360244

Adjusted Cylinder No.2 to oil cooler Screw and Jam Nut to meet proper stop IAW Continental Motors IO-360 Maintenance and Overhaul Manual, Chapter 17, Section 17-8, Paragraph 6,7.

Performed operational check no faults were found.

Miguel L. Vicente

A&P#3954737

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

ht forward from previous page



**Engine**

8191 N Tamiami Trail  
Sarasota, FL 34243  
www.AEROMx-srq.com  
(941) 360-9074

Date: 09/29/2020

Model: IO-360-ES6  
Tach: 204.0

REG #: N625SF

Make: TCM  
S/N: 360244

Removed, Adjusted and reinstalled Fuel Pump Mixture Control Cable Rod End IAW Cirrus SR20 Maintenance Manual, Chapter 76, Section 76-10, Page 9, Paragraph 1(J), and Paragraph 3.

Performed operational check no faults were found.

Miguel L. Vicente

A&P#3954737



**Engine**

8191 N Tamiami Trail  
Sarasota, FL 34243  
www.AEROMx-srq.com  
(941) 360-9074

Date: 12/01/2020

Model: IO-360ES6  
Hobbs: 204.0

REG #: N625SF  
TTAF: 2610.9  
SMOH: 204.0

Make: TCM  
S/N: 360244

Changed Oil and Filter. Serviced with 8 quarts of Phillips 20/50 XC and a Tempest AA48108-1 Oil Filter. Inspected old filter with no contamination found. Cleaned, gapped, tested and torqued spark plugs. Compression test as follows: #1 62/80 #2 62/80 #3 60/80 #4 70/80 #5 68/80 #6 65/80. Inspected fluid lines, fittings. Cleaned engine and performed run up and leak check with no leaks found. All engine ops checks good.

I certify that this Engine has been inspected in accordance with a 100 Hr. Inspection as per the scope and detail of FAR 43 appendix D and was determined to be in airworthy condition.

Nicholas J. Ranaldo

IA# 3653259

**Belle Aircraft Maintenance 20 Lindbergh Ln, Fletcher, NC 28732 828 684-9191**

1/28/22 N625SF IO-360-ES SN: 360244 Tach: 215.8

Engine Total Time:2622.7 SMOH: 215.8

Drained oil and replaced filter with AA48108-2.. Replenished with 8 qts. Phillips 20W50 oil and 1 pint cam guard. Clean, gapped and rotated spark plugs. Replaced two plugs. Compression check: #1 73/80, #2 - 76/80, #3 - 68/80, #4 - 74/80, #5 - 75/80 and #6 - 77/80. Engine run leak check good. Replaced bracket air filter element BA-24.

I certify that this Engine has been inspected in accordance with an 100 hr. inspection and was approved for return to service.

A&P 3598992 IA  
David G. Phillips

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