



OIL REPORT

LAB NUMBER: N54084
 REPORT DATE: 6/18/2021
 CODE: 1/133

UNIT ID: N746SR
 CLIENT ID: 6432
 PAYMENT: CC: Visa (Bulk)

UNIT
 MAKE/MODEL: Continental IO-550-N42
 FUEL TYPE: Gasoline (Leaded)
 ADDITIONAL INFO: Cirrus SR22 S/N: 2235, E/N: 690071
 OIL TYPE & GRADE: Phillips XC (A/C) 20W/50
 OIL USE INTERVAL: 9 Hours

CLIENT
 STEVE PURVIS
 MICHIANA AIRCRAFT SERVICE
 4323 W. PROGRESS DR
 SOUTH BEND, IN 46628
 PHONE: (574) 287-4687
 FAX: (574) 287-7753
 ALT PHONE: (574) 298-6073
 EMAIL: maintenance@michianaaircraft.com

COMMENTS
 STEVE: Wear metals could be considered high for just 9 hours of oil use. Even so, we're glad to see less metal after this 9-hour run than we did after the 1-hour sample back in 2020, and especially less iron. That was a lot of iron for so short an oil run. Maybe corrosion was a factor back then, and maybe it still is now if the aircraft hasn't been flying at least five hours per month. We can't be sure that steel parts aren't having trouble (maybe even related to corrosion, like pitting and scoring) so make sure the oil filter element is clean and the engine's making good power.

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	9	UNIT / LOCATION AVERAGES	1	31	17	21	UNIVERSAL AVERAGES
	MI/HR on Unit	808		927	559	509	492	
	Sample Date	6/8/2021		2/17/2020	2/2/2015	1/23/2014	7/18/2013	
	Make Up Oil Added							
	ALUMINUM	6	8	13	6	7	11	7
	CHROMIUM	5	7	8	6	9	9	8
	IRON	53	80	203	51	62	56	48
	COPPER	2	3	3	2	4	4	6
	LEAD	1919	2590	2138	3409	2708	3445	5527
	TIN	1	1	0	1	0	4	1
	MOLYBDENUM	3	3	4	2	4	3	3
	NICKEL	6	9	12	7	9	11	12
	MANGANESE	1	1	2	1	1	1	1
	SILVER	0	0	0	0	0	0	0
	TITANIUM	0	0	0	0	0	0	0
	POTASSIUM	0	1	0	2	1	0	1
	BORON	3	1	0	0	1	1	1
	SILICON	4	4	5	4	4	3	6
	SODIUM	2	1	0	0	0	1	1
	CALCIUM	1	1	1	0	1	2	50
	MAGNESIUM	0	1	1	0	1	1	1
	PHOSPHORUS	59	30	17	12	10	24	448
	ZINC	2	3	2	2	3	4	5
	BARIUM	0	0	0	0	0	0	0

Values Should Be*

PROPERTIES	84.5	86-105	91.0	90.5	87.5	73.0
SUS Viscosity @ 210°F	84.5	86-105	91.0	90.5	87.5	73.0
cSt Viscosity @ 100°C	16.63	17.0-21.8	18.23	18.09	17.37	13.73
Flashpoint in °F	470	>430	505	450	495	460
Fuel %	<0.5	<1.0	<0.5	0.5	<0.5	TR
Antifreeze %	-	-	-	-	-	-
Water %	0.0	0.0	0.0	TR	0.0	0.0
Insolubles %	0.4	<0.6	0.4	0.6	0.4	0.4
TBN						
TAN						
ISO Code						

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

416 E. PETTIT AVE. FORT WAYNE, IN 46806 (260) 744-2380 www.blackstone-labs.com

PLATINUM ENGINE LOG BOOK



CONTINENTAL MOTORS

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



Platinum engine model 10550N42 was
manufactured 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

Teledyne Continental Motors, Inc.

A Teledyne Technologies Company

Printed: 10/10/2006

This engine model 10550N42, Serial No. 690071 was manufactured on 10/09/2006
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.	

MODEL: SR22
S/N: 2235
REG. No. N746SR

CORPORATE FLIGHT MANAGEMENT, INC.
625 FITZHUGH BLVD.
SMYRNA, TN 37167 (615) 459-8883

DATE: 12/21/2007
ETSN: 167.0
Hobbs: 206.4
Flight: 167.0

ENGINE S/N 690071

Inspection:

Complied with annual inspection with reference to Cirrus SR22 per Cirrus AMM 5-20.

Airworthiness Directives:

AD 2005-12-06, N/A per engine manufacture.

Maintenance Accomplished:

Drained oil and serviced with 7 quarts of Aero Shell 15W50. Removed and replaced oil filter with CH48108-1. Cut open oil filter for

inspection, no abnormal particles noted.

Complied with cylinder compression check #1) 62/80 #2) 64/80 #3) 64/80 #4) 62/80 #5) 60/80 #6) 60/80.

Lubricated all engines controls with reference to Cirrus AMM 12-20.

Removed cleaned, inspected, tested, and installed spark plugs.

Removed, cleaned, inspected, and installed fuel injectors.

Replaced fuel injector o-rings, P/N 630979-9.

Replaced fuel injector washers with P/N X1473.

Performed TCM SID 97-3c (Fuel System Setup).

The engine identified above was inspected in accordance with a annual inspection as required by FAR 91.409(F)(3) and is approved for return to service. Details of the repair and inspection are on file at this Repair Station under Work Order N°. 16233 and 16234 dated 12/21/07.

Signed: *[Signature]*

For: **Corporate Flight Management, Inc.** Certified Repair Station **FJTR920D**

VECTAIR USA 11299 Airport Rd., Olive Branch, MS 38654 (662) 893-6775
CRS #VU8R795K
Logbook Entry Engine: N746SR Model: Continental IO-550-N Tach:290.5 HM:357.3
Date:3-25-09 WO#7822

1 Changed oil 8qts Aeroshell 15W50, installed new oil filter p/n CH48108-1.

[Signature]
James O. Hopper A&P411768540

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				

Log Book Supplement 8/5/09

N746SR
SR-22
IO-550-N

Total Time: 302.2
S/N 2235
Eng S/N 690071

Compression test as follows 1)75/80 2)76/80 3)74/80 4)73/80 5)73/80 6)75/80. Removed and replaced oil filter CH48108-1 with new. Serviced/saftied as required. Post run no leaks noted. I certify that the above Maintenance/ Inspection was performed in accordance with the current regulations of the Federal Aviation Administration and the aircraft identified above is presently approved for return to service.

[Signature]
A&P 2766249

11-24-09	336	9			Engine oil change completed this date. Serviced engine with 8qts of Aeroshell 15w50 oil. <i>D. Pruitt AP2720485IA</i>
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Cirrus Factory Authorized Service Center
Cessna, Beech, Piper Piston Singles & Twins
2580 SE Aviation Way Ste 102
Stuart, FL 34996 PH (772) 781-0610
eastcoastaviation@att.net

12/22/09 N746SR I550N 42 SN#690071 H.M.421.6 F.L.H.M.343.6 T.S.N 343.6
100HR/Annual inspection completed

Inspected this engine in accordance with FAR43 appendix D, oil and filter not due at this time, Compression checked as follows (1)76 (2)72 (3)72 (4)78 (5)78 (6) 64/80, master orifice 43, cleaned fuel injectors and replaced with new o-rings and gaskets, cleaned and gapped spark plugs, replaced valve cover gasket on #5 exhaust PN#655705, C/W TCM SID 97-3E fuel system set-up, engine cleaned and operational check preformed, C/W AD 2009-16-03 cylinder head separation N/A by model, C/W AD 2009-24-52E hydraulic lifters N/A by S/N#, checked and found all AD's to have been C/W thru this date, I certify this engine to have been inspected in accordance with a 100HR inspection and was determined to be in a airworthy condition.

12/22/09 T.T.343.6 A&P#31049101.A.
[Signature]

5-17-10	370	8			Installed a new EGT probe PN 16579-002 on the #4 cyl. <i>D. Pruitt AP2720485</i>
6-28-10	384	8			Engine oil change completed this date. Serviced engine with 8qts of Aeroshell 15w50 oil and a new filter. <i>D. Pruitt AP2720485</i>

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	→				
12-10-10	416	0	416	0	<p>1. Annual / 100hr inspection completed this date IAW chapter 5 of the current maint manual and FAR 43 appendix D.</p> <p>2. Engine compressions over 80! #1 = 71, #2 = 72, #3 = 72, #4 = 74, #5 = 70, #6 = 72.</p> <p>3. Installed a new air filter.</p> <p>4. Drained oil and inspected filter. Serviced engine with 8 qts of Aeroshell w 80 oil.</p> <p>5. Serviced spark plugs.</p> <p>6. Tightened all intake pipes.</p> <p>7. Lubed engine controls.</p> <p>8. Cleaned and inspected fuel screens.</p> <p>9. I certify that this engine has been inspected IAW and an Annual / 100hr inspection and was found to be in an airworthy condition at this time.</p> <p>D. Jelt AP2720485IA</p>

Indiana Flight Center

Make Cirrus **S/N** 2235 **Model** SR22 **N#** 746SR
Make Continental **S/N** 690071 **Model** IO-550-N

- Completed a 100 hour inspection in conjunction with annual inspection this date.
- Drained oil, removed filter, cut open filter and examined. Serviced engine with 8 quarts Aeroshell 100W and installed new CH48108-1 oil filter.
- Installed new BA24 Brackett air filter element.
- Both magnetos sent to RLB Accessory Service for 500 hr inspection. Reinstalled and timed to when when received.
- Serviced spark plugs.
- Compressions as follows: #1 68/80, #2 72/80, #3 68/80, #4 71/80, #5 70/80, #6 72/80.
- No new ADs not previously complied with.
- Engine ground run normal

I certify this engine and propeller have been inspected in accordance with an annual inspection and have been found to be in airworthy condition.

C	x	Engine Run	x	Revised W&B/Equip. list	n/a	Submit FAA form 337	n/a
The aircraft/component identified above was repaired / inspected in accordance with current Regulations of the FAA and found to be airworthy. This aircraft is approved for return to service according to work performed. Pertinent details of this repair are on file at this station.							
WorkOrder# 12001				Date 1-11-12		Signed <i>John H. Long</i> JOHN H. FORGEY AP 34818 (IA)	
Indiana Flight Center 2128 Airport Dr., Elkhart Indiana 46514. (574) - 262-5400							

ENGINE MODEL IO-550-N
 ENGINE S/N 690071
 REG NO N746SR
 WORK ORDER 0309-02-2013

Indiana Flight Center
 2128 Airport Dr
 Elkhart, IN 46514
 Phone (574) 266-4040

DATE 2/6/2013
 A/C TSN 508.8
 ENG TT
 HOBBIS 410.4
 Eng TSN: 4709

Engine Entries

(5) Complied with 100 hour inspection in conjunction with an annual inspection this date. Compressions are #1 72/80 #2 74/80 #3 74/80 #4 72/80 #5 72/80 #6 72/80 (6) Drained oil and removed filter. Cut/inspected filter, no defects noted. Installed new filter, serviced engine with oil. (7) Removed and replaced bad EGT probe (9) Engine run for leak and operational check complied with, no defects noted

Record
 al Inspections,

Maintenance Release

The aircraft and/or component(s) on N746SR was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. 0309-02-2013, Dated 2/6/2013

DATE: 2/6/2013

SIGNED:

[Signature]

Work Order: 0309-02-2013

Dave, IA AP272048511A

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719 Airport Drive
 Ann Arbor, MI 48108
 Phone 734-662-6806
 Fax 734-662-0559

25 July 2013

N746SR
 Engine

608.9 Hobbs
 491.5 Flight Hobbs

Oil and filter changed. Blackstone oil sample taken. Serviced engine with 8 quarts of Aeroshell W100 and CH48108-1 oil filter. Removed and replaced crankshaft oil seal 641250 per TCM M76-4 Service Bulletin. Engine washed, run up, leak check OK.

Ross A. Schmidt
 3661999 A&P

[Signature]

ENGINE MODEL IO-550-N
 ENGINE S/N 690071
 REG NO: N746SR
 WORK ORDER: 0505-01-2014

INDIANA Indiana Flight Center
 2128 Airport Dr.
 Elkhart, IN 46514
 Phone: (574) 266-4040

DATE: 2/1/2014
 A/C TSN: 508.8
 ENG TT: 508.8
 HOBBS: 626.2

Engine Entries

(2) Complied with 100 hour inspection in conjunction with Annual Inspection this date. Compressions are: 1)70/80, 2)70/80, 3)76/80, 4)70/80, 5)70/80, 6)74/80. Drained oil removed/cut filter, no defects noted. Installed customer supplied oil filter, serviced engine with 8 qts AS 80W oil. Replaced all spark plugs, gapped and installed customer supplied RHB32E plugs. Checked/set magneto timing. Engine run for leak and operational check good.

Maintenance Release

The aircraft and/or component(s) on N746SR was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this maintenance facility under Work Order No. 0505-01-2014, Dated 2/1/2014.

DATE: 2/1/2014

SIGNED:

[Signature]

Work Order: 0505-01-2014

David Schmidt, A&P AP27204851A

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1 of 1


7-8-14

528.4 AFT
 528.4 TSN

Completed an oil change. Installed a new filter and serviced engine with 7 qts of Aeroshell W100 oil, and 1 can of Addend. Aircraft is returned to service.

[Signature] AP2720485
 David Schmidt

ENGINE MODEL:
IO-550-N
ENGINE S/N:
690071
REG. NO. N746SR
WORK ORDER:
0715-02-2015

 INDIANA Indiana Flight Center
2122 Airport Dr
Elkhart, IN 46514
Phone: (574) 266-4040

DATE: 2/23/2015
A/C TSN: 559.1
ENG TT: 559.1
HOBBS: 559.1

Record
of Inspections,

Brof

Engine Entries

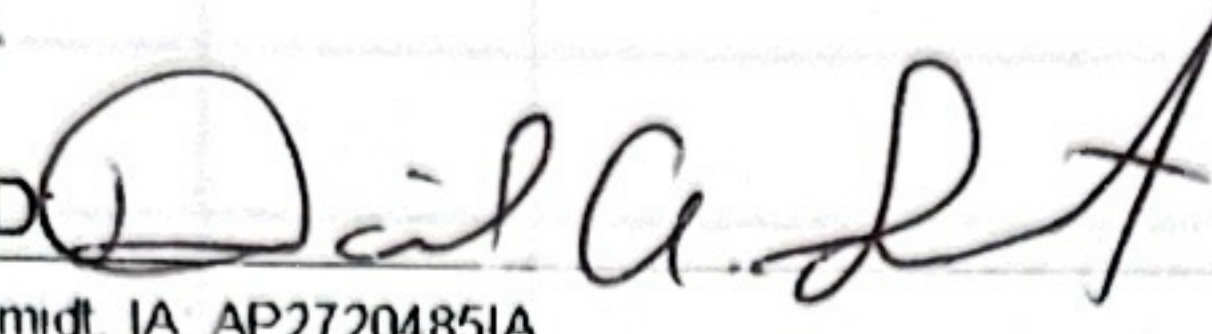
(2) Complied with 100 hour inspection in conjunction with Annual Inspection this date, IAW FAR 43 App D scope and detail and Cirrus maintenance publications. Compressions are: 1)72/80, 2)72/80, 3)72/80, 4)72/80, 5)72/80, 6)72/80. Drained oil removed/cut filter, no defects noted. Installed customer supplied oil filter, serviced engine with 8 qts Aeroshell 15W50 oil. Serviced spark plugs. Checked/set magneto timing. AD14-05-29 SAP Cylinders found not to apply. Replaced induction flapper bolt P/N AN3-34. Engine run for leak and operational check good.

Maintenance Release

The aircraft and/or component(s) on N746SR was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this maintenance facility under Work Order No. 0715-02-2015, Dated 2/23/2015.

DATE: 2/23/2015

SIGNED:




David Schmidt, IA AP2720485IA

Work Order: 0715-02-2015

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1 of 1

ENGINE MODEL:
IO-550-N
ENGINE S/N:
690071
REG. NO. N746SR
WORK ORDER:
0870-10-2015

 INDIANA Indiana Flight Center
2128 Airport Dr.
Elkhart, IN 46514
Phone: (574) 266-4040

DATE: 10/5/2015
A/C TSN: 601.6
ENG TT: 601.6
HOBBS: 601.6

Engine Entries

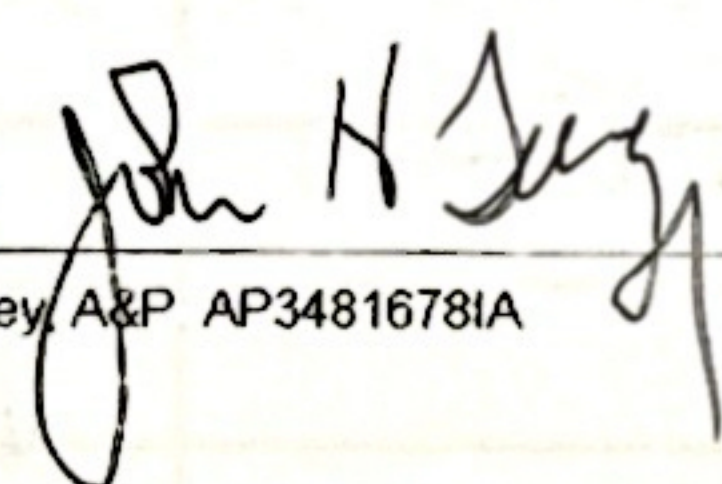
(1) Drained oil, removed/cut/inspected filter, no contaminants noted. Installed new CH48108-1 filter and serviced engine with 8 quarts of Aeroshell 80W. Ground run for leak check good.

Maintenance Release

The aircraft and/or component(s) on N746SR was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this maintenance facility under Work Order No. 0870-10-2015, Dated 10/5/2015.

DATE: 10/5/2015

SIGNED:



John H. Forgey, A&P AP3481678IA

Work Order: 0870-10-2015

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1 of 1

ENGINE MODEL: IO-550-N
 ENGINE S/N: 690071
 REG. NO: N746SR
 WORK ORDER: 0960-02-2016

INDIANA Indiana Flight Center
 2128 Airport Dr.
 Elkhart, IN 46514
 Phone: (574) 266-4040

DATE: 2/22/2016
 A/C TSN: 612.3
 ENG TT: 612.3
 HOBBS: 612.3

Date
 Brought Forw

Engine Entries

(2) Complied with 100 hour Inspection in conjunction with Annual Inspection this date. IAW FAR 43 App D scope and detail and Cirrus maintenance publications. Compressions are: 1)68/80, 2)70/80, 3)72/80, 4)68/80, 5)76/80, 6)60/80. Drained oil removed/cut/inspected filter, no defects noted. Installed new oil filter P/N Ch48108-1 and serviced engine with 8 qts. of Aeroshell W80 oil. Serviced spark plugs. Removed/cleaned/inspected fuel injectors. Lubed engine controls. Checked/set magneto timing. Checked ADs through AD14-05-29, no new or recurring ADs at this time. Engine run for leak and operational check good.

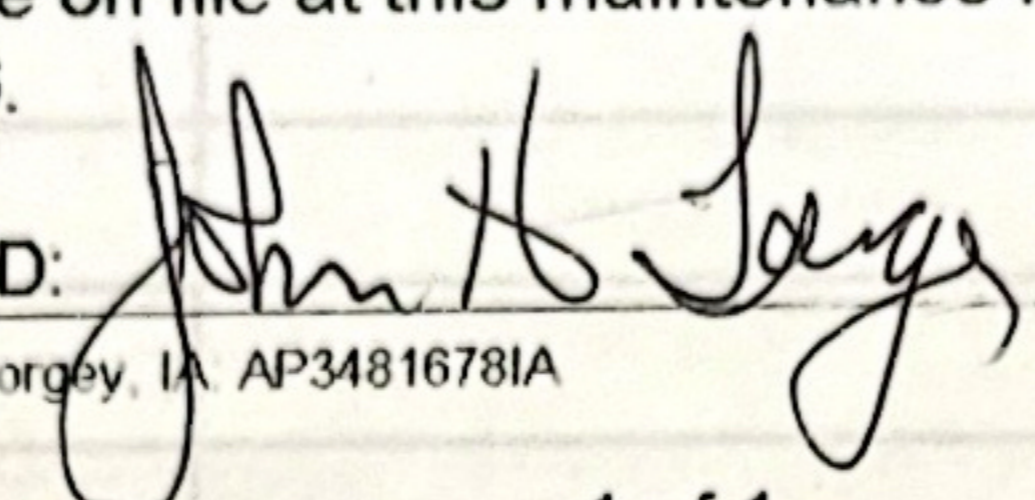
Maintenance Release

The aircraft and/or component(s) on N746SR was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this maintenance facility under Work Order No. 0960-02-2016, Dated 2/22/2016.

DATE: 2/22/2016

SIGNED:

John H. Forgey, IA AP3481678IA



Work Order: 0960-02-2016

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1 of 1

6-9-16	636	3	636	3	1. Completed an engine oil change. Serviced with 8 qts of Aeroshell W100 oil and a new filter. Engine test flown normal. Aircraft returned to service. <i>D. [Signature]</i> P2720485
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ENGINE MODEL: IO-550-N
 ENGINE S/N: 690071
 REG. NO: N746SR
 WORK ORDER: 1146-02-2017

INDIANA Indiana Flight Center
 2128 Airport Dr.
 Elkhart, IN 46514
 Phone: (574) 266-4040

DATE: 2/9/2017
 A/C TSN: 667.7
 ENG TT: 667.7
 HOBBS: 667.7

Engine Entries

(2) Complied with 100 hour Inspection in conjunction with Annual Inspection this date, IAW Cirrus maintenance publications and FAR 43 App D scope and detail. Compressions are: 1)64/80, 2)68/80, 3)68/80, 4)66/80, 5)60/80, 6)60/80. Oil not changed due to recent oil change. Serviced spark plugs. Removed/cleaned/inspected fuel injectors. Lubed engine controls. Checked/set magneto timing. Checked ADs through 9 Feb 2017, AD16-16-12 no applicable, no ECI cylinders installed, no recurring ADs due. Engine run for leak and operational check good.

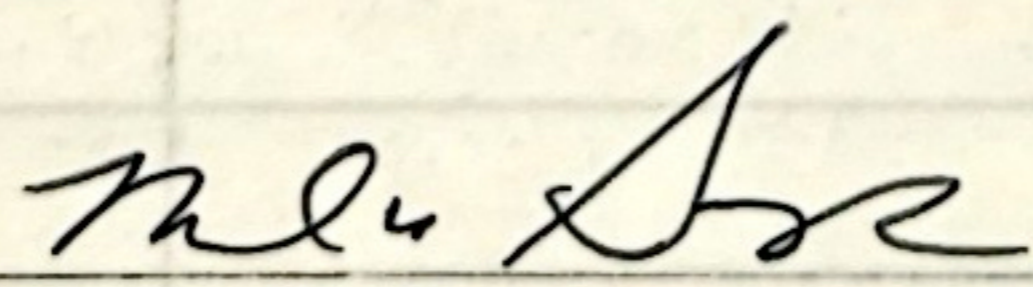
Maintenance Release

The aircraft and/or component(s) on N746SR was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this maintenance facility under Work Order No. 1146-02-2017, Dated 2/9/2017.

DATE: 2/9/2017

SIGNED:

Michael W. Savage, IA AP3583209IA



Work Order: 1146-02-2017

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1 of 1

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	→				
10-28-16	661	9	661	9	Completed an engine oil change. Serviced engine with 8 qts of Amstell w80 oil and a new filter. Ground run normal. D. Platt AP2710285
4-14-17	693	7	693	7	Completed an engine oil change. Serviced engine with 8 qts of Amstell w100 oil and a new filter. Ground run normal. D. Platt AP2710182



719 Airport Drive
Ann Arbor, MI 48108
Phone 734-662-6806
Fax 734-662-0559

21 August 2017

N746SR
Airframe

848.8 Hobbs
729.9 Flight Hobbs

Conducted bird strike inspection at front right cowl opening; no physical damage found. During inspection found alternator case bolts loose. Removed alternator P/N 649304, D092640 and installed S/N A131528. Also installed new radio noise filter, P/N LS03-01004; ops checks good.

Mark C Roisen

506742944 A&P

11-1-17 743 5 743 5

Completed an engine oil change. Serviced engine with 8 qts of w80 oil and 1 can Avblend. Ground run normal.
D. Platt
AP2710185

ENGINE MODEL: IO-550-N
ENGINE S/N: 690071
REG. NO: N746SR
WORK ORDER: 1351-02-2018

Indiana Flight Center
2128 Airport Dr.
Elkhart, IN 46514
Phone: (574) 266-4040

DATE: 2/14/2018
A/C TSN: 747.5
ENG TT: 747.5
HOBBS: 747.5

Engine Entries

(2) I certify this engine has been inspection in accordance with a 100 hour in conjunction with an annual inspection and was found to be in airworthy condition as of this date. Oil not changed at this time due to recent oil change. Compressions: 1)74/80, 2) 68/80, 3)64/80, 4) 65/80, 5) 78/80, 6) 67/80. Checked magneto timing. Lubricated all engine controls. Checked ADs through 2/14/18, no new or recurring ADs due at this time. Engine ground run for leak and operational check good.

Maintenance Release

The aircraft and/or component(s) on N746SR was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this maintenance facility under Work Order No. 1351-02-2018, Dated 2/14/2018.

DATE: 2/14/2018

SIGNED:
John H. Forgy, IA AP34810701A

Work Order: 1351-02-2018

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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	→			
11-7-18	780	8	780	8

Completed an engine oil change. Serviced with 8qts of Aeroshell w80 oil and a new filter. Ground run normal.
D. Schmidt AP2720485

ENGINE MODEL:
IO-550-N
ENGINE S/N:
690071
REG. NO: N746SR
WORK ORDER:
1585-02-2019

INDIANA Indiana Flight Center
 2128 Airport Dr.
 Elkhart, IN 46514
 Phone: (574) 266-4040

DATE: 3/1/2019
 A/C TSN: 795.1
 ENG TT: 795.1
 HOBBS: 795.1

Engine Entries

(4) I certify this engine has been inspection in accordance with a 100 hour in conjunction with an annual inspection and was found to be in airworthy condition as of this date. Oil not changed at this time due to recent oil change. Compressions: 1)66/80, 2) 72/80, 3)70/80, 4) 68/80, 5) 70/80, 6) 72/80. Checked magneto timing. Lubricated all engine controls. Serviced spark plugs, replaced 1 RHB32E spark plug. Checked ADs through 3/1/19, no new or recurring ADs due at this time. Engine ground run for leak and operational check good.

Maintenance Release

The aircraft and/or component(s) on N746SR was repaired and inspected in accordance with current Federal Aviation Regulations and manufactures technical data and was found Airworthy for return to service. Pertinent details of the repair are on file at this maintenance facility under Work Order No. 1585-02-2019, Dated 3/1/2019.

DATE: 3/1/2019

SIGNED: *[Signature]*
 David Schmidt, IA. AP2720485IA

Work Order: 1585-02-2019
 Printed by EBis 3 (datcomedia.com)

5-23-19	799	3	799	3
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Completed an engine oil change. Serviced with 8qts of Aeroshell w100 oil and a new filter. Ground run normal.
D. Schmidt AP2720485

ENGINE LOG

2/24/2020
N746SR
Make: Cirrus
Hobbs: 927.2

Time Since



S/N: 2235
Model: SR22
Tach: 808.2
TTSMOH: 808.2

Engine Service and Maintenance Record

Inspections, Airworthiness Directives, Special Inspections, and Service Bulletins

1. CW ANNUAL INSPECTION in accordance with FAR 43 APPENDIX D - Using TCM/Cirrus AMM as a guide.
2. Removed and cut open oil filter, NDN installed new oil filter P/N AA48108-2. Serviced engine with 8 QT of 20/50 Phillips.
3. Checked compressions #1:70 #3: 60 # 5: 54 #2: 70 #4: 58 #6: 74/80 M.O 43.
4. R&R BA-24.
5. C/W SB2X-05-02 alt air bolt replacement.
6. R&R alt air sceet hose.
7. R&R New Starter Hartzell Energizer P/N 646275-1
8. R&R #1 intake runner & injector fuel line P/N646198,646241.

I certify that this engine has been inspected in accordance with (annual) inspection and was determined to be in airworthy condition.

A/P 3281226 I/A Eric Bickel.

Signed

WWW.STEELAVIATION.COM

Michiana Aircraft Service, Inc

Engine Log Entry

4323 West Progress Drive South Bend, IN 46628 Phone 574-287-4687 Fax 574-287-7753

Cirrus SR22

N746SR

Hobbs: 958

Flight Time: 839

Maintenance:

- Complied with oil change. Serviced with 8 quarts of 20W50 and a new CH48108-1 filter.

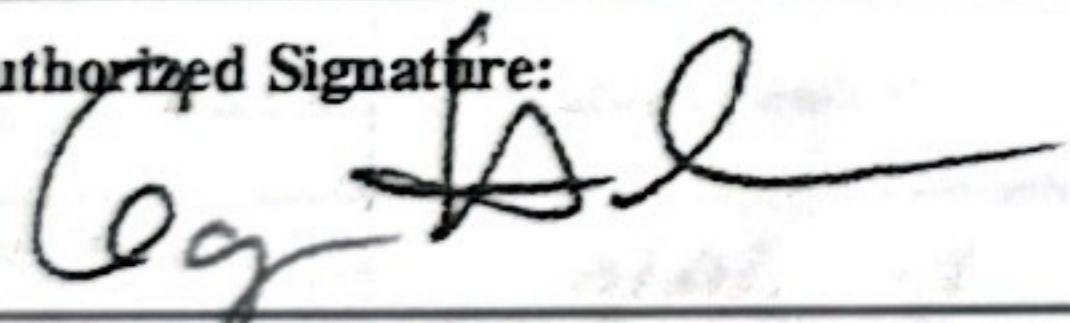
This engine was repaired in accordance with the manufactures maintenance manual. All systems interrupted have been tested and/ or leak checked as necessary. This aircraft is airworthy and is approved for return to service with respect to the work performed.

Signature:

Steve Purvis C.R.S. Q6MR956Y

Date: 10-22-2020

Work Order #15185

1. Approving Civil Aviation Authority/Country: FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: H-T103730	
4. Organization Name and Address: HARTZELL ENGINE TECHNOLOGIES, 2900 SELMA HWY. MONTGOMERY, AL. 36108					5. Work Order/Contract/Invoice Number: M787470	
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:	
1	STARTER - NEW **** END ****	ES646275-1	1	H-T103730	NEW	
12. Remarks: AIRWORTHINESS APPROVAL- PARTS.FOR PMA ELIGIBILITY SEE WWW.HARTZELL.AERO/PMA/						
13a. Certifies the items identified above were manufactured in conformity to: <input checked="" 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 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.: PQ1383CE-D		14b. Authorized Signature:		14c. Approval/Certificate No.:
13d. Name (Typed or Printed): Gary Hancock		13e. Date (dd/mmm/yyyy): 30-Oct-2019		14d. Name (Typed or Printed):		14e. Date (dd/mmm/yyyy):
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 Block 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.						

AVIALL - TRUE CERTIFIED COPY - 02/24/2020 - BRANDEL - 7365356561

1. Approving Civil Aviation Authority/Country: FAA/United States	<h2 style="margin: 0;">AUTHORIZED RELEASE CERTIFICATE</h2> <p style="margin: 0;">FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG</p>	3. Form Tracking Number: <p style="text-align: center; font-size: 1.2em;">563353</p>
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4. Organization Name and Address Continental Motors, Inc. 2039 Broad Street, Mobile, Alabama 36615	PC #508	5. Work Order/Contract/Invoice Number: EPN 729435 Cert 0000286330
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6. Item:	7. Description	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	TUBE-INTAKE MANIF #1 CYL	646198	3	N/A	NEW

12. Remarks:
 AIRWORTHINESS APPROVAL

13a. Certifies the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.	14a. <input 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.
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13b. Authorized Signature: <i>Thomas H Howard</i>	13c. Approval/Authorization No.: 937042831	14b. Authorized Signature:	14c. Approval/Certificate No.:
13d. Name (Typed or Printed): Thomas H. Howard	13e. Date (dd/mm/yyyy): 18/Dec/2019	14d. Name (Typed or Printed):	14e. Date (dd/mm/yyyy):

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.

1. Approving Civil Aviation Authority/Country: FAA/United States		AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: 552142	
4. Organization Name and Address Continental Motors, Inc. 2039 Broad Street, Mobile, Alabama 36615				PC #508	5. Work Order/Contract/Invoice Number: EPN 705157 C-Form 0000275961	
6. Item:	7. Description	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:	
1	TUBE BEND ASM-INJ LINE #1	646421	5	N/A	NEW	
12. Remarks: AIRWORTHINESS APPROVAL						
13a. Certifies the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.			14a. <input 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: <i>Thomas H Howard</i>		13c. Approval/Authorization No.: 937042831		14b. Authorized Signature:		14c. Approval/Certificate No.:
13d. Name (Typed or Printed): Thomas H. Howard		13e. Date (dd/mm/yyyy): 01/Jul/2019		14d. Name (Typed or Printed):		14e. Date (dd/mm/yyyy):
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.						

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	→				
5-4-18	755	-	755	-	Completed an engine oil change. Serviced with 7 qts AeroShell w/100 + 1 can Arblend. Ground run normal. D. J. P. 0220485

Michiana Aircraft Service, Inc

Engine Log Entry

4323 West Progress Drive South Bend, IN 46628 Phone 574-287-4687 Fax 574-287-7753

Cirrus SR22

N746SR

Hobbs: 967.1

Flight Time: 848.2

TET: 967.1


Inspections:

- Complied with Annual Inspection.
- Compressions as follows* #1 53/80, #2 54/80, #3 63/80, #4 54/80, #5 64/80, #6 62/80.

Maintenance:

- Complied with oil change. Serviced with 8 quarts of 20W50 and a new CH48108-1 filter.
- Complied with soap sample.

This engine was repaired in accordance with the manufactures maintenance manual. All systems interrupted have been tested and/ or leak checked as necessary. This aircraft is airworthy and is approved for return to service with respect to the work performed. I certify this aircraft has been inspected in accordance with an Annual inspection and was determined airworthy at this time. All AD's current through 7-7-2021.

Signature:  Seth Parker C.R.S. Q6MR956Y

Date: 7-7-2021 Work Order #15747

Michiana Aircraft Service, Inc

Engine Log Entry

4323 West Progress Drive South Bend, IN 46628 Phone 574-287-4687 Fax 574-287-7753

Cirrus SR22

N746SR

Hobbs: 985.9

Flight Time: 867.0

TET: 985.9

Inspections:

- Complied with Annual Inspection.
- Compressions as follows: #1 64/80, #2 66/80, #3 70/80, #4 58/80, #5 68/80, #6 68/80.

Maintenance:

- Complied with oil change. Serviced with 8 quarts of 20W50 and a new CH48108-1 filter.
- Complied with soap sample.

This engine was repaired in accordance with the manufactures maintenance manual. All systems interrupted have been tested and/ or leak checked as necessary. This aircraft is airworthy and is approved for return to service with respect to the work performed. I certify this aircraft has been inspected in accordance with an Annual inspection and was determined airworthy at this time. All AD's current through 11-14-2022.

Signature:  Seth Parker C.R.S. Q6MR956Y

Date: 11-14-2022 Work Order #16652

