

ENGINE MAINTENANCE RECORDS



WESTERN
Skyways
INC.

Engines Are Our **ONLY** Business

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ENGINE MAINTENANCE RECORDS

Log No. 1

Aircraft Registration No. N927CD

Engine Manufacturer CONTINENTAL

Model IO-550-N

Serial No. 679144

Date installed on aircraft 9/16/2011

Time Between Overhauls (TBO) _____ Hours

If used on multi-engine aircraft:

RIGHT

LEFT

FRONT

REAR



WESTERN
Skyways
INC.

ENGINE WARRANTY TRANSFER REQUEST

Current Owners Name: _____

Phone: _____

Address: _____

Engine Model _____

Engine Serial: _____

Numbers of Hours Since Installed: _____

Date of Transfer: _____

New Owner's Name: _____

Phone: _____

Address: _____

Date Installed: _____

Aircraft Model/year _____

Signature of
Current Owner: _____



WESTERN Skyways INC.

GOLD SEAL AIRCRAFT ENGINES

21 Creative Place
Montrose, CO 81401
www.westernskyways.com

(900) 575-0029
(970) 240-0252
FAX: (970) 240-4185

Engine Make: CONTINENTAL Model: IO-550-GcN
 Serial Number: 679144 W/O No: 0027621 Date: 09/02/11
 Warranty Number: I11222 Warranty Start Date: 09/11
 Crankshaft Serial No: D279508N Cylinder Part Number: 658178A2BP

This engine and accessories listed below were overhauled to "Factory New Tolerances" per Overhaul Manual No: X30568A and Western Skyways, Inc. Repair Specification WSI-100 "Use and Application of Hylomar Sealant" dated 11/10/2010 on all Teledyne Continental Motor Engines and Lycoming Engines as applicable. See back section for Airworthiness Directives and Service Bulletin compliance. This engine was run in a test cell. Total Previous Time: 1543.7 Hrs.

This engine meets requirements of CONTINENTAL SIL98-9A for 2000.0 Hour TBO

The accessories listed below were New or Overhauled and supplied with this engine:

Component	Part No.	Serial No.	Component	Part No.	Serial No.
L/H Mag:	10-500556-1	C069525D	Vac Pump:	N/A	N/A
R/H Mag:	10-500556-1	D269504D	Wastegate:	N/A	N/A
Fuel Pump:	649364-4A1	E129505B	Alt/Gen:	N/A	N/A
Inj/Carb:	653353-1	E179521A	Pop Off.:	N/A	N/A
Man Valve:	646433-3	E129505C	Controller:	N/A	N/A
Starter:	C24ST3	4C3-111109	VAPC:	N/A	N/A
Turbo:	N/A	N/A	Fuel Limiter:	N/A	N/A
			Tach Gen:	N/A	N/A

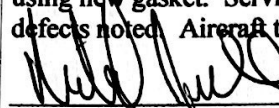
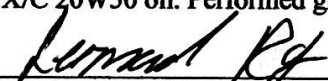

MAINTENANCE RELEASE

The engine and accessories listed above were overhauled and inspected in accordance with current Federal Aviation Regulations and were found airworthy for return to service. Pertinent details of this repair are on file at this Repair Station on above work order.

Signature: 
Repair Station No. WS9R575J

Form 200 Rev. 2

Cylinder S/N	Cylinder S/N
#1-AC11FB601	#5-AC11FB338
#2-AC11FB266	#6-AC11FA997
#3-AC11FA978	#7-N/A
#4-AC11FA999	#8-N/A

TE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED -- SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
		<p>Advanced Aviation 5 Aero Plaza New Century, KS 66031 Phone: 913-768-1500</p> <p>Date: 9/16/2011 Hobbs: 2537.0 TSMOH: 000.0 N927CD Engine Logbook</p> <p>Installed IO-550-N s/n 679144, overhauled by Western Skyways, Inc. in Cirrus SR22 N927CD, s/n 0227. Installed using new shock mounts p/n J9613-54. Propeller governor overhauled by Quality Aircraft Accessories and installed using new gasket. Serviced engine with 8 quarts Phillips X/C 20W-50 oil. Ran for leak and operational checks with no defects noted. Aircraft test flown with no defects noted.</p> <p> Michael Jewell AP3041076</p>
		<p>Advanced Aviation 5 Aero Plaza New Century, KS 66031 Phone: 913-768-1500</p> <p>Date: Oct. 21, 2011 Hobbs: 2587.0 N927CD Engine Logbook</p> <p>Complied with engine oil and filter change. Drained engine oil; removed cut and inspected oil filter with no metallic particles found. Replaced and safetied 1 p/n CH48108-2 oil filter with new and serviced engine with 8 quarts of Philips X/C 20W50 oil. Performed ground engine run for leak and operational checks with no defects noted.</p> <p> Leonard Ryan AP3134987</p>
		<p>Advanced Aviation 5 Aero Plaza New Century, KS 66031 Phone: 913-768-1500</p> <p>Nov. 7, 2011 Hobbs: 2600.8 TTAF: 2600.8 TSMOH: 63.8 TTP: 63.8 Engine Logbook</p> <p>Complied with 100 hour inspection of the engine in accordance with FAR 43 Appendix D; using Cirrus SR22 Maintenance Manual Ch. 5-20-00 Scheduled Maintenance Checks as a guide only. Performed cylinder compression check; #1 72/80 #2 73/80 #3 76/80 #4 74/80 #5 76/80 #6 74/80. Lubricated the engine control cables and rod ends as per maintenance manual. Cleaned, inspected, and rotated spark plugs. Removed and replaced 1 p/n 13925-001 tailpipe support with new. ADs checked using ATP Navigator Revision 2011-84FA dated 11/02/2011. Performed ground engine run for leak and operational checks, with no defects noted. I certify that I have inspected this engine in accordance with 100 hour inspection and that it has been determined to be in an airworthy condition at this time.</p> <p> Catherine Chelimo AP2741924</p>



Make: CIRRUS DESIG
Date: 09/26/11 13:07
Engine Log

Model: SR22
S/N: 0227
Type: IO550N
Total Time: 2559.4

Reg. No.: N927CD
TTAF: 2559.40
S/N: 679144
SOH:

- 1) Drained engine oil, Replaced oil filter with Champion CH48108-1, and serviced with 8 Qts of Phillips XC 20W50. Provided customer with oil sample
- 2) Inspected #2 Cylinder. No defects noted. Applied High Temp RTV to Several areas on the engine baffle. Removed, cleaned, inspected and reinstalled Fuel Injector. No defects noted. Removed, cleaned, inspected, gapped and reinstalled #2 plugS. No defects noted. Will notify owner to monitor CHT during next flight.

The airframe, engine, propeller, or appliance identified herein was maintained and inspected in accordance with current F.A.A. regulations and was found to be airworthy for return to service with respect to the work performed. Pertinent details of the work are on file at this agency under work order number listed above. The aircraft is approved for return to Service.

Signature  James M Livingston A&P 3421967

N927CD

SANTA FE

AERO SERVICES

Engine Log

AVIONICS
MAINTENANCE
SALES

121 Aviation Dr. • Bldg 4002 • Santa Fe NM 87507

Date: 1/24/2012	Make: TCM	Model: IO-550-G	S/N: 679144
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Tach: N/A	Hobbs: 2688.1	TAF: 2688.1
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PERFORMED ENGINE OIL CHANGE DRAINED OIL AND REMOVED FILTER. CUT OPEN FILTER TO INSPECT FOR CONTAMINANTS. NO DEFECTS NOTED. INSTALLED NEW CH48108-1 OIL FILTER AND SERVICED ENGINE WITH 9 QTS OF PHILLIPS X/C 20W-50. OPS AND LEAK CHECK SATISFACTORY.

Gerardo Ontiveros

Gerardo Ontiveros

A&P2819356

Work accomplished at Santa Fe Aero Services, LLC. Reference work order # 2958

**Advanced
Aviation**

5 Aero Plaza

New Century, KS 66031

Phone: 913-768-1500

Date: April 13, 2012 Hobbs: 2745.0 N927CD Engine Logbook

Complied with engine oil and filter change. Drained engine oil, removed cut and inspected oil filter with no metallic particles found. Replaced and safetied 1 p/n AA48108-2 oil filter with new and serviced engine with 8 quarts of Aeroshell 15W50 oil. Performed ground engine run for leak and operational checks with no defects noted.

Catherine Chelimo

Catherine Chelimo A&P2741924

**Advanced
Aviation**

5 Aero Plaza

New Century, KS 66031

Phone: 913-768-1500

Date: June 20, 2012 Hobbs: 2813.9 N927CD Engine Logbook

Complied with engine oil and filter change. Drained engine oil, removed cut and inspected oil filter with no metallic particles found. Replaced and safetied 1 p/n AA48108-2 oil filter with new and serviced engine with 8 quarts of Aeroshell 15W50 oil. Performed ground engine run for leak and operational checks with no defects noted.

Catherine Chelimo

Catherine Chelimo A&P2741924



505-842-4184

Reg # N927CD
S/N 0227
HM 2824.9
TACH N/A

ETT 1831.6
TSO 287.9

DATE 7/9/2012
W/O 01M-4462
AFTT 2824.9

Engine S/N 679144

1. Completed 100 Hour Inspection in accordance with Appendix D to FAR Part 43 using Cirrus SR22 Maintenance Manual Inspection Checklist section 5-20, as a guide.
2. No oil change at this time.
3. Cleaned, gapped, tested and rotated spark plugs.
4. Compression checked: 1) 75/80, 2) 76/80, 3) 73/80, 4) 74/80, 5) 72/80, 6) 73/80.
5. Checked magneto timing.
6. Checked AD2012-03-06 C, Continental Motors, engines with Av-Star Fuel Servo Diaphragms. Found N/A by engine model, Av-Star Fuel Servo not installed. Amdt. #39-16947.
7. Checked AD2012-10-13 Continental Motors, Starter Adapter Failures, found N/A. Engine not STC' d for turbo normalizing. Amdt. #39-17062.

I certify that this engine has been inspected in accordance with the scope and detail of Appendix D to FAR Part 43 and was found to be in a condition for safe operation.

Edward P Gerard A & P #192252W

Signature Page 1 of 1

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5 Aero Plaza

New Century, KS 66031

Phone: 913-768-1500

Date: Aug. 23, 2012 Hobbs: 2860.6 N927CD Engine Logbook

Complied with engine oil and filter change. Drained engine oil, removed cut and inspected oil filter with no metallic particles found. Replaced and safetied 1 p/n AA48108-2 oil filter with new and serviced engine with 8 quarts of Aeroshell 15W50 oil. Performed ground engine run for leak and operational checks with no defects noted.

Catherine Chelimo A&P2741924

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5 Aero Plaza

New Century, KS 66031

Phone: 913-768-1500

Date: Aug. 28, 2012 Hobbs: 2862.4 N927CD Engine Logbook

Removed and replaced No. 5 CHT probe p/n 14880-001 with new.

Catherine Chelimo A&P2741924

**Advanced
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5 Aero Plaza

New Century, KS 66031

Phone: 913-768-1500

Date: Sept. 12, 2012 Hobbs: 2870.0 N927CD Engine Logbook

Removed and replaced No. 2 EGT probe p/n 14554-001 with new. Operational check is good.

Catherine Chelimo A&P2741924

DATE

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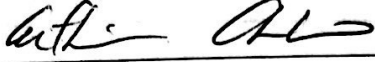
5 Aero Plaza

New Century, KS 66031

Phone: 913-768-1500

Date: Oct. 26, 2012 Hobbs: 2905.6 N927CD Engine Logbook

Complied with engine oil and filter change. Drained engine oil, removed cut and inspected oil filter with no metallic particles found. Replaced and safetied 1 p/n AA48108-2 oil filter with new and serviced engine with 8 quarts of Aeroshell 15W50 oil. Performed ground engine run for leak and operational checks with no defects noted.



Catherine Chelimo A&P2741924

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5 Aero Plaza

New Century, KS 66031

Phone: 913-768-1500

Date: Dec. 14, 2012 Hobbs: 2944.1 TTAF: 2944.1 TSMOH: 407.1 TTP: 407.1 Engine Logbook N927CD

Complied with 100 hour inspection of the engine in accordance with FAR 43 Appendix D; using Cirrus SR22 Maintenance Manual Ch. 5-20-00 Scheduled Maintenance Checks as a guide only. Performed cylinder compression check; #1 70/80 #2 72/80 #3 76/80 #4 70/80 #5 74/80 #6 74/80. Lubricated the engine control cables and rod ends as per maintenance manual. Cleaned, inspected, and rotated spark plugs. Determined AD2012-03-06C is not applicable by Avstar Fuel Servo not installed. Determined AD2012-10-13 is not applicable by engine is not STC'd for turbo normalizing. ADs checked using ATP Navigator Revision 312230F-A dated 12/18/2012. Performed ground engine run for leak and operational checks, with no defects noted. I certify that I have inspected this engine in accordance with 100 hour inspection and that it has been determined to be in an airworthy condition at this time.



Lea S Sartin A&P3506599

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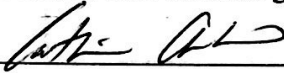
5 Aero Plaza

New Century, KS 66031

Phone: 913-768-1500

Date: March 1, 2013 Hobbs: 2993.3 N927CD Engine Logbook

Complied with engine oil and filter change. Drained engine oil, removed cut and inspected oil filter with no metallic particles found. Replaced and safetied 1 p/n AA48108-2 oil filter with new and serviced engine with 8 quarts of Aeroshell 15W50 oil. Performed ground engine run for leak and operational checks with no defects noted.



Catherine Chelimo A&P2741924

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5 Aero Plaza

New Century, KS 66031

Phone: 913-768-1500

Date: March 20, 2013 Hobbs: 3018.8 N927CD Engine Logbook

Removed 1 p/n BC410-1 s/n 0321141X and replaced with I O/H p/n BC410-1 s/n 0953975 standby (#2) alternator. Operational check alternator is good.



Lea Sartin AP3506599

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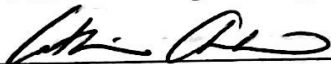
5 Aero Plaza

New Century, KS 66031

Phone: 913-768-1500

Date: April 4, 2013 Hobbs: 3033.6 N927CD Engine Logbook

Complied with engine oil and filter change. Drained engine oil, removed cut and inspected oil filter with no metallic particles found. Replaced and safetied 1 p/n AA48108-2 oil filter with new and serviced engine with 8 quarts of Aeroshell 15W50 oil. Performed ground engine run for leak and operational checks with no defects noted.



Catherine Chelimo A&P2741924

N927CD

✦ SANTA FE

AERO SERVICES

Engine Log

AVIONICS
MAINTENANCE
SALES

121 Aviation Dr. • Bldg 4002 • Santa Fe NM 87507

Date: 05-13-13	Make: TCM	Model: IO-550-N	S/N: 679144
Tach: N/A	Hobbs: 3072.0	TSMOH: 534.9	

C/W AN ANNUAL INSPECTION IAW FAR 43 APPENDIX (D) INSPECTION ITEMS. RESEARCHED AD'S THROUGH 05-01-13. NO OIL CHANGE AT THIS TIME. INSTALLED NEW ALTERNATOR GASKET, P/N 653981. INSTALLED NEW STARTER O-RING, P/N MS9201-038. TIGHTENED ALL ROCKER COVERS. INSTALLED NEW # 4 INTAKE PUSH TUBE AND #2 EXHAUST PUSH ROD TUBE SEALS, P/N 630286 AND P/N 534610, REINSTALLED ROCKERS WITH NEW LOCKING TABS, P/N 501868 AND TORQUED IAW TCM IO-550-N MM. INSTALLED 12 NEW RHIB-32E SPARK PLUGS. REMOVED, CLEANED AND INSPECTED ALL FUEL INJECTORS. COMPRESIONS: CYL'S #1-75/80, #2 70/80, #3-70/80, #4-66/80, #5-67/80, #6-77/80. GROUND RAN LEAK AND OPERATIONAL CHECK SATISFACTORY.

DANIEL GOWE A&P 558904411 N/A

This ENGINE has been inspected IAW an ANNUAL INSPECTION and has been determined to be in airworthy condition and is approved for return to service.

Work accomplished at Santa Fe Aero Services, LLC. Reference work order # 4058

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Aviation**

5 Aero Plaza

New Century, KS 66031

Phone: 913-768-1500

Date: May 21, 2013 Hobbs: 3088.1 N927CD Engine Logbook

Complied with engine oil and filter change. Drained engine oil, removed cut and inspected oil filter with no metallic particles found. Replaced and safetied 1 p/n AA48108-2 oil filter with new and serviced engine with 8 quarts of Aeroshell 15W50 oil. Performed ground engine run for leak and operational checks with no defects noted.

Lea Sartin A&P3506599

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5 Aero Plaza

New Century, KS 66031

Phone: 913-768-1500

Date: August 5, 2013 Hobbs: 3138.5 N927CD Engine Logbook

Complied with engine oil and filter change. Drained engine oil, removed cut and inspected oil filter with no metallic particles found. Replaced and safetied 1 p/n AA48108-2 oil filter with new and serviced engine with 8 quarts of Aeroshell 15W50 oil. Performed ground engine run for leak and operational checks with no defects noted.

Lee Sartin A&P3506599

DATE

N927CD

✦ SANTA FE

AERO SERVICES

Engine Log

VG WORK

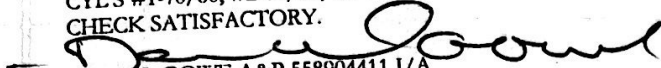
AVIONICS
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121 Aviation Dr. • Bldg 4002 • Santa Fe NM 87507

Date: 10-05-13 Make: TCM Model: IO-550-N S/N: 679144

Tach: N/A Hobbs: 3189.0 TSOH: 651.9

C/W AN ANNUAL INSPECTION IAW FAR 43 APPENDIX D. INSPECTION ITEMS. RESEARCHED AD'S THROUGH 10-01-13. SERVICED ENGINE WITH 8 QUARTS A/S 15/50 OIL AND CH48108-1 OIL FILTER. C/W BENDIX 500 HOUR MAGNETO INSPECTION IAW BENDIX 200 SERIES MM, INSTALLED NEW CONTACTS, NEW OIL SEALS, NEW FELTS AND NEW SNAP RINGS, RECONDITIONED DISTRIBUTOR BLOC, INTERNALLY TIMED MAGNETOS IAW BENDIX 200 SERIES MM., REINSTALLED MAGNETO TO ENGINE AND TIMED TO ENGINE IAW TCM MM. C/W CIRRUS SR2X SERVICE ADVISORY SA 13-03, IAW TCM CRITICAL SERVICE BULLETIN SCSB 08-3B, NO DEFECTS NOTED. TIGHTENED ALL ROCKER COVER GASKETS. COMPRESSIONS: CYLS #1-70/80, #2-70/80, #3-76/80, #4-76/80, #5-78/80, #6-76/80. GROUND RAN, OPERATIONAL CHECK SATISFACTORY.


DANIEL GOWE A&P 558904411 I/A

This ENGINE has been inspected IAW an ANNUAL INSPECTION and has been determined to be in airworthy condition and is approved for return to service.

Work accomplished at Santa Fe Aero Services, LLC. Reference work order # 4400

**Advanced
Aviation**

5 Aero Plaza

New Century, KS 66031

Phone: 913-768-1500

Date: January 7, 2014

Hobbs: 3240.0

N927CD

Engine Logbook

Complied with engine oil and filter change. Drained engine oil, removed cut and inspected oil filter with no metallic particles found. Replaced and safetied 1 p/n AA48109 oil filter with new and serviced engine with 8 quarts of Aeroshell 15W50 oil. Performed ground engine run for leak and operational checks with no further discrepancies noted at this time.



Lee Sartin A&P3506599

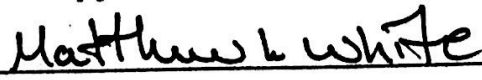
R & D American Aviation LLC.

2751 N.E. Douglas Suite D Hanger J
Lee's Summit, MO 64064
Ph. 816/252/5996 Fax 816/525/5997

Date	Tach	Hobbs	Engine TT	Engine SMOH
06/26/2014	-	3333.0	2339.7	796.0

N927CD Continental IO-550-G S/N 679144

Drained oil, took sample for AOA oil analysis. Serviced engine with 8 qts. of Aeroshell 15W-50. Removed oil filter, cut apart, and checked for metals. None noted at this time. Installed a new CH48109-1 oil filter, torqued to 196 inch lbs., and safetied. Lubricated exhaust slip joints with mouse milk. Ran engine and checked for leaks, none noted.

Matthew L. White A&P3543855 

DATE

R & D American Aviation LLC.2751 N.E. Douglas Suite D Hanger J
Lee's Summit, MO 64064
Ph. 816/252/5996 Fax 816/525/5997

Date	Tach	Hobbs	Engine TT	Engine SMOH
12/31/2014	-	3341.0	2347.7	804.0

N927CD Continental IO-550-N S/N 679144

Drained oil, replaced oil sump quick drain valve with new valve P/N SAF-AIR S6250. Serviced engine with 8 qts. of Aeroshell 15W-50. Removed oil filter, cut apart, and checked for metals. None noted at this time. Installed a new CH48109-1 oil filter, torqued to 196 in. lbs., and saftied. Removed spark plugs cleaned, gaped and tested all plugs. Comp ck. #1 74/80, #2 68/80, #3 72/80, #4 70/80, #5 66/80, #Cleansed all fuel injectors. Pressure tested exhaust system ckd. for cracks none noted. Lubricated exhaust slip joints with mouse milk. Inspected and lubed all engine controls. Cleaned, inspected and re-oiled engine air filter. Installed Reiff engine pre heat system P/N Turbo XP TYPL6. Ran engine, checked for leaks, none noted. I certify that this engine has been inspected I/A/W an Annual inspection and has been determined to be in an airworthy condition this date 12/31/2014

Richard L. White A&P3162074.I.A.

*Richard L. White***R & D American Aviation LLC.**2751 N.E. Douglas Suite D Hanger J
Lee's Summit, MO 64064
Ph. 816/252/5996 Fax 816/525/5997

Date	Tach	Hobbs	Engine TT	Engine SMOH
04/29/2015	-	3353.9	2360.6	816.9

N927CD Continental IO-550-N S/N 679144

Removed engine driven fuel pump due to leaking. Sent pump to Aircraft Accessories for repair. Reinstalled repaired fuel pump P/N 649364-4 S/N E129505B with new gasket. Ran engine, checked for leaks, none noted.

Richard L. White A&P3162074

*Richard L. White***R & D American Aviation LLC.**2751 N.E. Douglas Suite D Hanger J
Lee's Summit, MO 64064
Ph. 816/252/5996 Fax 816/525/5997

Date	Tach	Hobbs	Engine TT	Engine SMOH
11/18/2015	-	3371.1	2377.8	834.1

N927CD Continental IO-550-N S/N 679144

Drained oil, took AOA oil sample, serviced engine with 8 qts. of Aeroshell 15W-50. Removed oil filter, cut apart, and checked for metals. None noted at this time. Installed a new CH48109-1 oil filter, torqued to 196 in. lbs., and saftied. Lubricated exhaust slip joints with mouse milk. Ran engine, checked for leaks, none noted.

Richard L. White A&P3162074

*Richard L. White***R & D American Aviation LLC.**2751 N.E. Douglas Suite D Hanger J
Lee's Summit, MO 64064
Ph. 816/252/5996 Fax 816/525/5997

Date	Tach	Hobbs	Engine TT	Engine SMOH
01/21/2016	-	3382.0	2388.7	845.0

N927CD Continental IO-550-N S/N 679144

Drained oil, took AOA oil sample. Serviced engine with 8 qts. of Aeroshell 15W-50. Removed oil filter, cut apart, and checked for metals. None noted at this time. Installed a new CH48109-1 oil filter, torqued to 196 in. lbs., and saftied. Removed spark plugs cleaned, gaped and tested all plugs. Comp ck. #1 70/80, #2 71/80, #3 68/80, #4 69/80, #5 65/80, #6 69/80. Adjusted left and right mag timing to 22°. Reinstalled all plugs. Cleaned all fuel injectors. Pressure tested exhaust system ckd. for cracks none noted. Lubricated exhaust slip joints with mouse milk. Inspected and lubed all engine controls. Replaced engine air filter with new P/N CPE1178. Replaced all fuel hoses with new from PHT see invoice 594129 dated 01/07/2016 Ran engine, checked for leaks, none noted. I certify that this engine has been inspected I/A/W an Annual inspection and has been determined to be in an airworthy condition this date 01/21/2016.

Richard L. White A&P3162074.I.A.

Richard L. White

R & D American Aviation LLC.

2751 N.E. Douglas Suite D Hanger J
Lee's Summit, MO 64064
Ph. 816/252/5996 Fax 816/525/5997

Date	Tach	Hobbs	Engine TT	Engine SMOH
01/10/2017	-	3411.4	2418.1	874.4

N927CD Continental IO-550-N S/N 679144

Drained oil, took AOA oil sample. Serviced engine with 8 qts. of Aeroshell 15W-50. Removed oil filter, cut apart, and checked for metals. None noted at this time. Installed a new CH48109-1 oil filter, torqued to 196 in. lbs., and saftied. Replaced all spark plugs with new P/N RHB32E. Comp ck. #1 72/80, #2 72/80, #3 76/80, #4 72/80, #5 73/80, #6 70/80. Cked. mag timing at 22°. Reinstalled all plugs. Cleaned all fuel injectors. Pressure tested exhaust system ckd. for cracks none noted. Lubricated exhaust slip joints with mouse milk. Inspected and lubed all engine controls. Inspected engine air filter found ok. AD 16-16-12 (09/15/2016) ECI class 71 or class 76 cylinders is N/A no ECI installed Ran engine, checked for leaks, none noted. I certify that this engine has been inspected I/A/W an Annual inspection and has been determined to be in an airworthy condition this date 01/10/2017.

Richard L. White A&P3162074I.A. *Richard L. White*

R & D American Aviation LLC.

2751 N.E. Douglas Suite D Hanger J
Lee's Summit, MO 64064
Ph. 816/252/5996 Fax 816/525/5997

Date	Tach	Hobbs	Engine TT	Engine SMOH
02/15/2018	-	3436.2	2442.9	899.2

N927CD Continental IO-550-N S/N 679144

Drained oil, took AOA oil sample. Serviced engine with 7 qts. of Aeroshell 15W-50. Removed oil filter, cut apart, and checked for metals. None noted at this time. Installed a new CH48109-1 oil filter, torqued to 196 in. lbs., and saftied. Removed all spark plugs cleaned, gaped and tested plugs. Comp ck. #1 70/80, #2 64/80, #3 70/80, #4 70/80, #5 70/80, #6 70/80. Cked. mag timing at 22°. Reinstalled all plugs. Cleaned all fuel injectors. Pressure tested exhaust system ckd. for cracks none noted. Lubricated exhaust slip joints with mouse milk. Inspected and lubed all engine controls. Inspected engine air filter found ok. Ran engine, checked for leaks, none noted. I certify that this engine has been inspected I/A/W an Annual inspection and has been determined to be in an airworthy condition this date 02/15/2018.

Richard L. White A&P3162074I.A. *Richard L. White*

R & D American Aviation LLC.

2751 N.E. Douglas Suite D Hanger J
Lee's Summit, MO 64064
Ph. 816/252/5996 Fax 816/525/5997

Date	Tach	Hobbs	Engine TT	Engine SMOH
12/17/2018	-	3454.5	2461.2	917.5

N927CD Continental IO-550-N S/N 679144

Drained oil, took AOA oil sample. Serviced engine with 7 qts. of Aeroshell 80W plus. Removed oil filter, cut apart, and checked for metals. None noted at this time. Installed a new CH48109-1 oil filter, torqued to 196 in. lbs., and saftied. Ran engine, checked for leaks, none noted.

Richard L. White A&P3162074 *Richard L. White*

E

TACH OR
RECORDING
METER
TIMEDESCRIPTION OF WORK PERFORMED --
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK**R & D American Aviation LLC.**2751 N.E. Douglas Suite D Hanger J
Lee's Summit, MO 64064
Ph. 816/252/5996 Fax 816/525/5997

Date	Tach	Hobbs	Engine TT	Engine SMOH
03/01/2019	-	3460.0	2466.7	923.0

N927CD Continental IO-550-N S/N 679144

No oil and filter change. Removed all spark plugs cleaned, gaped and tested plugs. Comp ck. #1 79/80, #2 68/80, #3 70/80, #4 71/80, #5 72/80, #6 72/80. Cked. mag timing at 22°. Reinstalled all plugs. Cleaned all fuel injectors. Pressure tested exhaust system ckd. for cracks none noted. Lubricated exhaust slip joints with mouse milk. Inspected and lubed all engine controls. Inspected engine air filter found ok. Ran engine, checked for leaks, none noted. I certify that this engine has been inspected I/A/W an Annual inspection and has been determined to be in an airworthy condition this date 03/01/2019.

Richard L. White A&P3162074I.A.

*Richard L. White***R & D American Aviation LLC.**2751 N.E. Douglas Suite D Hanger J
Lee's Summit, MO 64064
Ph. 816/252/5996 Fax 816/525/5997

Date	Tach	Hobbs	Engine TT	Engine SMOH
06/17/2019	-	3469.1	2475.8	932.1

N927CD Continental IO-550-N S/N 679144

Drained oil, took AOA oil sample. Serviced engine with 7 qts. of Aeroshell 100W plus. Removed oil filter, cut apart, and checked for metals. None noted at this time. Installed a new CH48109-1 oil filter, torqued to 196 in. lbs., and saftied. Ran engine, checked for leaks, none noted.

Richard L. White A&P3162074

*Richard L. White***R & D American Aviation LLC.**2751 N.E. Douglas Suite D Hanger J
Lee's Summit, MO 64064
Ph. 816/252/5996 Fax 816/525/5997

Date	Tach	Hobbs	Engine TT	Engine SMOH
12/30/2019	-	3484.8	24915	947.8

N927CD Continental IO-550-N S/N 679144

Drained oil, took AOA oil sample. Serviced engine with 7 qts. of Aeroshell 80W plus. Removed oil filter, cut apart, and checked for metals. None noted at this time. Installed a new CH48109-1 oil filter, torqued to 196 in. lbs., and saftied. Ran engine, checked for leaks, none noted.

Richard L. White A&P3162074

Richard L. White

TACH OR
RECORDING
METER
TIME

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

R & D American Aviation LLC.

2751 N.E. Douglas Suite D Hanger J
Lee's Summit, MO 64064
Ph. 816/252/5996 Fax 816/525/5997

Date	Tach	Hobbs	Engine TT	Engine SMOH
04/01/2020	-	3489.5	2496.2	952.5

N927CD Continental IO-550-N S/N 679144

No oil change at owner request. Removed all spark plugs cleaned, gaped and tested plugs. Comp ck. #1 72/80, #2 74/80, #3 65/80, #4 70/80, #5 72/80, #6 65/80. Cked. mag timing at 22°. Reinstalled all plugs. Cleaned all fuel injectors. Reinstalled injectors with new gaskets P/N X1473 (6 ea.). new o-ring P/N 630979-9 (12 ea.) new seals P/N 640612 (6 ea.). Pressure tested exhaust system ckd. for cracks none noted. Lubricated exhaust slip joints with mouse milk. Inspected and lubed all engine controls. Inspected engine air filter found ok. Ran engine, checked for leaks, none noted. I certify that this engine has been inspected I/A/W an Annual inspection and has been determined to be in an airworthy condition this date 04/01/2020.

Richard L. White A&P3162074IA. *Richard L. White*

ENGINE LOG



N927CD

11-5-2020

Make: Cirrus Eng. S/N: 679144

Hobbs: 3498.5 Model: IO-550N

Tach: _____

TTSMOH: _____

1. Replaced all intake and exhaust lifters with new, P/N 658077, and 658088
2. Replaced all pushrod tube seals with new
3. C/W Steel Aviation Pre-purchase Inspection form
4. Checked compressions, 1) 70, 2) 68, 3) 70, 4) 74, 5) 69, 6) 74
5. Removed, inspected engine oil filter, NDN. Installed new AA48109 filter

Kevin Pierron A&P 3343189IA
Kevin Pierron

NO. _____

DATE _____

TACH OR
RECORDING
METER
TIME

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



WELLS AIRCRAFT, INC.
800 AIRPORT ROAD
MUNICIPAL AIRPORT
HUTCHINSON, KS 67501-1953
CRS NT2R043L
(620)663-1546
www.wellsac.com

Date: **12-08-2020**
Work Order: **S9235**
N927CD S/N 22-0227
Hobbs Meter: **3508.5**
TTE: **3508.5**

ENGINE LOG
Eng. S/N 679144



Drained engine oil hot and collected sample P/N GA001-SP for outside lab analysis. Removed and inspected oil filter element, no defects noted. Installed new oil filter P/N AA48109 and serviced engine with 8 quarts of Aeroshell W80 oil. Adjusted prop speed, idle speed, idle mixture, and fuel flow as needed.

Work was performed with reference to applicable sections of Cirrus SR22/SR22T AMM P/N 13773-001 Rev. B8. Post-run and leak check was satisfactory at this time.

I have reviewed the file on this aircraft and the accompanying forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repair/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair/inspection are on file at this Certified Repair Station CRS NT2R043L.

Authorized Signature: Chad J. Koehn
Chad J. Koehn / CRS Release Authority



WELLS AIRCRAFT, INC.
800 AIRPORT ROAD
MUNICIPAL AIRPORT
HUTCHINSON, KS 67501-1953
CRS NT2R043L
(620)663-1546
www.wellsac.com

Date: **02-12-2021**
Work Order: **S9281**
N927CD S/N 22-0227
Hobbs Meter: **3540.5**
TTE: **3540.5**

ENGINE LOG
Eng. S/N 679144



Performed a **100 hour inspection** in accordance with FAR91.409 and the requirements outlined in FAR 43 App. D; with reference to the 100 hour inspection checklist and applicable sections of Cirrus CDC SR22/22T AMM P/N 13773-001 Rev. B8, CMI IO-550 series Maintenance and Overhaul Manual M-16 (July 2015) & CMI M-0 Rev. 1 (Sept. 2019). Performed cylinder differential compression test, results as follows: #1 64/80, #3 64/80, #5 62/80, #2 72/80, #4 70/80, #6 70/80, M.O. 45/80. Drained engine oil hot & collected sample P/N GA-001-SP for lab analysis. Removed oil filter, cut open & inspected filter element; no discrepancies noted. Installed new oil filter P/N AA48109 and serviced engine with 7qts of Aeroshell 80W. Replaced all push rod seals P/N 630286 (12), 534610 (12) and tab washers P/N 501868 (24). Replaced all valve cover gaskets P/N 658735 (12). Performed prop balance, started at .46 IPS and stopped at .07 IPS. Replaced #4 cylinder spark plug P/N URHB32E. Replaced #2 cylinder CHT probe P/N 14880-001 and adel clamp P/N MS21919WDG12. Replaced #5 cylinder EGT probe P/N 14554-001.

All applicable ADs complied with at this time.

Work was performed with reference to applicable sections of Cirrus SR22/SR22T AMM P/N 13773-001 Rev. B8. Post-run and leak check was satisfactory at this time.

I have reviewed the file on this aircraft and the accompanying forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repair/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair/inspection are on file at this Certified Repair Station CRS NT2R043L.

Authorized Signature: Chad J. Koehn
Chad J. Koehn / CRS Release Authority



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800 AIRPORT ROAD
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HUTCHINSON, KS 67501-1953
CRS NT2R043L
(620)663-1546
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Date: **06-01-2021**
Work Order: **S9353**
N927CD S/N 22-0227
Hobbs Meter: **3578.7**
TTE: **3578.7**

ENGINE LOG
Eng. S/N 679144



Drained engine oil hot and collected sample P/N GA001-SP for outside lab analysis. Removed and inspected oil filter element, no defects noted. Installed new oil filter P/N AA48109 and serviced engine with 8 quarts of Aeroshell W100 oil. Adjusted nose wheel tension. Replaced oil dipstick gasket P/N 642892. Work was performed with reference to applicable sections of Cirrus SR22/SR22T AMM P/N 13773-001 Rev. B8. Post-run and leak check was satisfactory at this time.

I have reviewed the file on this aircraft and the accompanying forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repair/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair/inspection are on file at this Certified Repair Station CRS NT2R043L.

Authorized Signature: Chad J. Koehn
Chad J. Koehn / CRS Release Authority

ENGINE LOG



3/12/2022

Reg: **N927CD**
 Make: **CIRRUS**
 Hobbs: **3608.9**

Eng. S/N: _____
 Model: **SR22**
 Tach: _____
 TTSMOH: _____

1. R&R ALT 1 serviceable O/H unit with 20 hour runtime P/N 646843 S/N 02123.
2. Replaced drain tube assy with serviceable part, repositioned probe and tube assy.
3. Tightened nut and re cotter pinned prop gov rod end.
4. Replaced grounding straps.
5. Cracked EXT bracket, Removed, Repaired crack, and re-installed bracket. Replaced bolts due to severe chafing. Replaced several springs and washers.
6. Replaced adel clamps and secured CHT / EGT harness.
7. Marked and rotated push rod tubes, performed run up and leak check NDN.
8. Adjust prop RPM to 2650 RPMS.
9. Adjust FF to 27.3
10. Adjust mix rise +50.
11. Replaced engine ground straps.
12. R&R new ALT 1 Ground Strap to Case.
13. R&R ALT 2 with O/H unit P/NBC410-1 S/N 0446272.

Signed A/P3939968 Brad Helman

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ENGINE LOG



Date: **4/10/2022**
 Reg: **N927CD**
 Make: **CIRRUS**
 Hobbs: **3608.9**
 Eng Model: **IO-550N**

S/N: **0227**
 Model: **SR22**
 Tach: **N/A**
 Eng S/N: **679144**
 SMOH: **1089.9**

1. CW ANNUAL INSPECTION in accordance with FAR 43 APPENDIX D using manufactures MM 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.
 #1:64 #3:68 #5:70 #2:58 #4:74 #6:68.
4. R&R 4 RHB32E.
5. R&R BA-24 air filter.

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

A/P33034191/A Jeff Pleiman

Signed:

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