# ENGINE MAINTENANCE RECORDS





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### **ENGINE** MAINTENANCE RECORDS

Log No.	•
Aircraft Registration No. N927CD	
Engine Manufacturer CONTINENTAL	
Model	
Serial No679 144	
Date installed on aircraft 9/16/201)	
Time Between Overhauls (TBO) Hours	
If used on multi-engine aircraft:	
☐ RIGHT ☐ LEFT	
☐ FRONT ☐ REAR	



Date of Transfer:\_\_\_\_\_ Current Owner:\_\_\_

DATE	TACH OR RECORDING METER TIME	DESCRIPTION OF W SIGNATURE & CERTIFICATE NO.	ORK PERFORMED OF PERSON PERFORM	IING WORK
	This engine v	WESTERN SELECTION  GOLD SEAL AIRCRAFT ENGINES  Ve Place Montrose, CO 81401 CRS # WS9R575J  was converted from a IO-550-G to a IO-550-N by installing the was stamped with a "cN" after the model number I/A/  and/or component identified above was overhauled and in the component identified above was	nspected IAW current FAA Regula air station under above work order Signed Rene' Me	tions and found Airman
7				
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y 1				
9				



21 Creative Place Montrose, CO 81401 PLACE POSTAGE

HERE



GOLD SEAL AIRCRAFT ENGINES

21 Creative Place Montrose, CD 81461

ΤE

(900) 575-9829 (970) 249-0292 FAX: (878) 248-4165

Engine Make: CONTINENTAL	Model: IO-550-GcN
Serial Number: 679144	W/O No: 0027621 Date: 09/02/11
Warranty Number: Il1222	Warranty Start Date: 09/11
Crankshaft Serial No: D279508N	Cylinder Part Number: 658178A2BP
No: X30568A and Western Skyways, Inc.	overhauled to "Factory New Tolerances" per Overhaul Manual Repair Specification WSI-100 "Use and Application of Edyne Continental Motor Engines and Lycoming Engines as Directives and Service Bulletin compliance. This engine was 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:

Part No.	Serial No.	Component	Part No.	Serial No.
-500556-1	C069525D	Vac Pump:	N/A	N/A
-500556-1	D269504D	Wastegate:	N/A	N/A
9364-4A1	E129505B	Alt/Gen:	N/A	N/A
	E179521A	Pop Off	N/A	N/A
	E129505C	Controller:	N/A	N/A
24ST3	4C3-111109	VAPC:	N/A	N/A
and the second s	N/A	Fuel Limiter:	N/A	N/A
- International and the forest the second se	- the distribution of a contracting day and the contracting day.	. Tach Gen:	N/A	N/A
			11/11	107
֡	Part No. 1-500556-1 1-500556-1 1-9364-4A1 1-3353-1 1-6433-3 1-48T3	-500556-1 C069525D -500556-1 D269504D -9364-4A1 E129505B -3353-1 E179521A -6433-3 E129505C -24ST3 4C3-111109	-500556-1 C069525D Vac Pump: -500556-1 D269504D Wastegate: -9364-4A1 E129505B Alt/Gen: -3353-1 E179521A Pop Off6433-3 E129505C Controller: -24ST3 4C3-111109 VAPC:	Coopsision   Coo

### 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.

Form 200 Rev. 2

Repair Station No. WS9R575J

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

Advanced\_ Aviation

5 Aero Plaza

New Century, KS 66031

Phone: 913-768-1500

Date: 9/16/2011 Hobbs: 2537.0 TSMOH: 000.0 N927CD Engine Logbook

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.

Michael Jewell AP3041076

Advanced\_ Aviation

5 Aero Plaza

New Century, KS 66031

Phone: 913-768-1500

Date: Oct. 21, 2011 Hobbs: 2587.0 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 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.

Homen Kg

\_ Leonard Ryan AP3134987

Advanced\_ Aviation

5 Aero Plaza

New Century, KS 66031

Phone: 913-768-1500

Nov. 7, 2011 Hobbs: 2600.8 TTAF: 2600.8 TSMOH: 63.8 TTP: 63.8

Engine Logbook

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.

Cati als

Catherine Chelimo AP2741924



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

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

Model: SR22

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

Drained engine oil, Replaced oil filter with Champion CH48108-1, and serviced with 8 Qts of Phillips XC 20W50. Provided customer with oil sample
 Provided #2 Cylinder, No defects padd Applied High Towns 200 and 200

20/viso. Provided custoffier 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 fits at this agency under work order number listed above. The aircraft is

Signature

James M Livingston A&P 3421967

	N927CD	♦ SANTA FE AERO	SERVICES	Engin		100
			AVIONICS MAINTENANCE SALES			WORK
	, , , , ,	121 Aviation Dr. • B	ldg 4002 • Santa Fe NM	87507		
	Date:	Make: TCM	Model: IO-550-G	S/N: 679144		
	1/24/2012	TT-115-10-004		77077144	<u>a</u>	
A	Tach: N/A PERFORME	Hobbs: 2688.1 D ENGINE OIL CHAI	TTAF: 2688.1 NGE DRAINED OIL AND	PENOVED TO	2	
	INSTALLED	NEW CH48108-1 OIL	CONTAMINANTS. NO D FILTER AND SERVICED EAK CHECK SATISFAC	EFECTS NOTED.	QTS OF	,
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	work accomp	lished at Santa Fe Aero	Services, LLC. Reference	work order # 2958		
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Reg# **N927CD** S/N 0227 HM 2824.9

TACH N/A

ETT 1831.6 TSO 287.9

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

505-842-4184

Engine S/N 679144

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- 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.
- Cleaned, gapped, tested and rotated spark plugs.
- Compression checked: 1) 75/80, 2) 76/80, 3) 73/80, 4) 74/80, 5) 72/80, 6) 73/80. 4.
- 5. Checked magneto timing.
- 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.
- 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 # /922520

Signature

Advanced Aviation

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

Advanced

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

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

	5 Aero Plaza	New Century, KS 66031	Phone: 913-768-1500
Date: Oct. 26, 20	12 Hobbs: 2905.6	N927CD Engine Logbook	
particles found, K	oil. Performed groun	nd engine run for leak and operation	out and inspected oil filter with no metall wand serviced engine with 8 quarts of al checks with no defects noted.
acti	- al	Cat	herine Chelimo A&P2741924
			and the second s
Advanced_	8 22	*	W 500 N
Aviation	5 Aero Plaza	New Century, KS 66031	Phone: 913-768-1500
Date: Dec. 14, 2012	Hobbs: 2944.1 TT	TAF: 2944.1 TSMOH: 407.1 T	TP: 407.1 Engine Logbook NG
check; #1 70/80 #2 72 per maintenance manu Avstar Fuel Servo not normalizing. ADs che for leak and operation	780 #3 76/80 #4 70/8 pal. Cleaned, inspected installed. Determine cked using ATP Navial checks, with no de	10 #5 74/80 #6 74/80. Lubricated the cd, and rotated spark plugs. Determined AD2012-10-13 is not applicable be igator Revision 312230F-A dated 1	2/18/2012. Performed ground engine rupected this engine in accordance with 10
		Lea S S	artin A&P3506599
Advanced	<u>-</u>		
Date: March 1, 2 Complied with enparticles found.	ngine oil and filter ch	3 N927CD Engine Logbook  lange. Drained engine oil, removed	Phone: 913-768-1500  cut and inspected oil filter with no meta w and serviced engine with 8 quarts of nal checks with no defects noted.
Date: March 1, 2 Complied with enparticles found.	2013 Hobbs: 2993.  Ingine oil and filter checken	3 N927CD Engine Logbook lange. Drained engine oil, removed 1 p/n AA48108-2 oil filter with ne nd engine run for leak and operation	cut and inspected oil filter with no meta w and serviced engine with 8 quarts of nal checks with no defects noted.
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Date: March 1, 2  Complied with en particles found. For Aeroshell 15W50	2013 Hobbs: 2993.  Ingine oil and filter checken	3 N927CD Engine Logbook  lange. Drained engine oil, removed 1 p/n AA48108-2 oil filter with ne nd engine run for leak and operation  Ca	cut and inspected oil filter with no meta w and serviced engine with 8 quarts of nal checks with no defects noted. therine Chelimo A&P2741924
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Date: March 1, 2 Complied with er particles found. For Aeroshell 15W50  Advanced Aviation  Date: March 20, 15 Print 19 P	2013 Hobbs: 2993.  Ingine oil and filter che Replaced and safetied oil. Performed ground filter che and safetied o	3 N927CD Engine Logbook  lange. Drained engine oil, removed 1 1 p/n AA48108-2 oil filter with ne and engine run for leak and operation  Ca  New Century, KS 66031  8.8 N927CD Engine Logbook	cut and inspected oil filter with no meta w and serviced engine with 8 quarts of nal checks with no defects noted. therine Chelimo A&P2741924
Date: March 1, 2 Complied with er particles found. For Aeroshell 15W50  Advanced Aviation  Date: March 20, 15 Print 19 P	2013 Hobbs: 2993.  Ingine oil and filter che Replaced and safetied oil. Performed grounds of the Aero Plaza of the Aero	3 N927CD Engine Logbook  lange. Drained engine oil, removed 11 p/n AA48108-2 oil filter with ne nd engine run for leak and operation  Ca  New Century, KS 66031  8.8 N927CD Engine Logbook  IX and replaced with I O/H p/n BC	cut and inspected oil filter with no meta w and serviced engine with 8 quarts of nal checks with no defects noted.  therine Chelimo A&P2741924  Phone: 913-768-1500
Date: March 1, 2 Complied with en particles found. For Aeroshell 15W50  Advanced Aviation  Date: March 20, 15 Comparational check 1 p/n For Forest 1 p/n Forest 1	2013 Hobbs: 2993.  Ingine oil and filter che Replaced and safetied oil. Performed grounds of the Aero Plaza of the Aero	3 N927CD Engine Logbook  lange. Drained engine oil, removed 11 p/n AA48108-2 oil filter with ne nd engine run for leak and operation  Ca  New Century, KS 66031  8.8 N927CD Engine Logbook  IX and replaced with I O/H p/n BC	cut and inspected oil filter with no meta w and serviced engine with 8 quarts of nal checks with no defects noted.  therine Chelimo A&P2741924  Phone: 913-768-1500  410-1 s/n 0953975 standby (#2) alternation
Date: March 1, 2 Complied with er particles found. For Aeroshell 15W50  Advanced Aviation  Date: March 20, 15 Print 19 P	2013 Hobbs: 2993.  Ingine oil and filter che Replaced and safetied oil. Performed ground a service of the servi	3 N927CD Engine Logbook  lange. Drained engine oil, removed 11 p/n AA48108-2 oil filter with ne and engine run for leak and operation  Ca  New Century, KS 66031  8.8 N927CD Engine Logbook  IX and replaced with I O/H p/n BC	cut and inspected oil filter with no meta w and serviced engine with 8 quarts of nal checks with no defects noted.  therine Chelimo A&P2741924  Phone: 913-768-1500  410-1 s/n 0953975 standby (#2) alternates Sartin AP3506599
Date: March 1, 2 Complied with en particles found. For Advance of Octobration of	2013 Hobbs: 2993.  Ingine oil and filter che Replaced and safetied oil. Performed ground and the safetied oil. Performed ground and the safetied oil. Performed ground and safetied oil. Performed ground gro	3 N927CD Engine Logbook  lange. Drained engine oil, removed 11 p/n AA48108-2 oil filter with ne nd engine run for leak and operation  Ca  New Century, KS 66031  8.8 N927CD Engine Logbook  IX and replaced with I O/H p/n BC	cut and inspected oil filter with no meta w and serviced engine with 8 quarts of nal checks with no defects noted.  therine Chelimo A&P2741924  Phone: 913-768-1500  410-1 s/n 0953975 standby (#2) alternation

Catherine Chelimo A&P2741924

**N927CD** 

## \*SANTA FE AERO SERVICES

**Engine Log** 

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 RHB-32E SPARK PLUGS. REMOVED, CLEANED AND INSPECTED ALL FUEL INJECTORS. COMPRESIONS: CYL'S #1-75/80, #2-70/90, #3-70/80, #4-66/80, #5-67/80, #6-77/86. GROUND RAN LEAK AND OPERATIONAL CHECK SATISFACTORY.

DANIEL GOWE A&P 55890441147

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

Advanced\_ 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

Advanced\_ Aviation

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

NYLI		NTA FE	CEDVICE	Engine Log	
11,02.		ERO	SERVICE	<u>S</u>	
		al market	AVIONICS MAINTENANCE SALES	,	
	121 Avi	ation Dr. • E	Bldg 4002 • Santa Fe N	M 87507	
Date:	10-05-13 Make: TO	ZM	The second secon	S/N: 679144	
Tach:	N/A Hobbs: 3	189.0	<b>TSOH:</b> 651.9 R 43 APPENDIX D. INSPEC	TION ITEMS. RESEARCHED /S 15/50 OIL AND CH48108-1	
C/W A	N ANNUAL INSPEC	SERVICED E	ALCONOTION INCRECTION I	AW REMINIY 200 SERIES MM	
OU E	ITTER C/W BENDE	2 300 110016	THE OTHER NICHT EDITE	AND NEW SNAP RINGS	
nuco	NDITIONED DISTR	IBUTOR BLO	TAMET	TO ENGINE IAW TOM MM	
CANC	TRRUS SR2X SERVIC	EVDAIOUL	THE ALL POCKED COVER	CASKETS COMPRESSIONS:	
08-3B,	NO DEFECTS NOT #1-70/80, #2-70/80,	#3-76/80, #4-76	6/80, #5-78/80, #6-76/80. G	ROUND RAN, OPERATIONAL	
CHEC	K SATISFACTORY.	Sa	end	*	-
DANT	EL GOWE A&P 5589	04411 I/A			
This F	ENGINE has been ins	spected IAW at	n ANNUAL INSPECTION a	and has been determined to be in	
airwor	thy condition and is ap	proved for retur	II (i) scivice.		
West	k accomplished at S	Santa Fe Aero	Services, LLC. Reference	work order # 4400	
WOI	K accomplished as			***************************************	
				ar Managan Mar an against a starley of the Santanana species all prophyrocenses in the c	
Advanced	1				
Advanced_ Aviation	·//.				
Holaicon	5 Aero Plaza	New	Century, KS 66031	Phone: 913-768-15	<i>'00</i>
			1.8	1100000 710 700 10	
rticles found. Repl	e oil and filter chaced and safetied	1 p/n AA48	109 oil filter with new	Engine Logbook cut and inspected oil filter vand serviced engine with 8	quarts of
omplied with engin	e oil and filter chaced and safetied	ange. Draine 1 p/n AA48	ed engine oil, removed of the state of the s	Engine Logbook	quarts of
omplied with engin rticles found. Repl eroshell 15W50 oil this time.	ne oil and filter chaced and safetied . Performed ground	ange. Draine 1 p/n AA48 nd engine ru	ed engine oil, removed of 109 oil filter with new and operation.  Lea	Engine Logbook cut and inspected oil filter wand serviced engine with 8 mal checks with no further deep to Sartin A&P3506599	quarts of iscrepancies noted
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omplied with engin rticles found. Repl eroshell 15W50 oil this time.	ne oil and filter chaced and safetied . Performed ground	ange. Draine 1 p/n AA48 nd engine ru	ed engine oil, removed of 109 oil filter with new an for leak and operation  Lea  Lea  Hobbs	Engine Logbook  cut and inspected oil filter wand serviced engine with 8 mal checks with no further description of the Sartin A&P3506599  2751 N.E. Do Lee's Summit, Ph. 816/252/59  Engine TT	quarts of iscrepancies noted uglas Suite D Hange MO 64064 96 Fax 816/525/599 Engine SM
omplied with enginericles found. Repletoshell 15W50 oil this time.	e oil and filter chaced and safetied. Performed ground American Al	ange. Draind 1 p/n AA48 nd engine ru	ed engine oil, removed of 109 oil filter with new and operation Lea	Engine Logbook  cut and inspected oil filter wand serviced engine with 8 mal checks with no further description of the Sartin A&P3506599  2751 N.E. Do Lee's Summit, Ph. 816/252/59	quarts of iscrepancies notes uglas Suite D Hang MO 64064 96 Fax 816/525/59
Prained oil, to cut apart, and lbs., and safetic	American Averaged Lubricated exists and safetied and safetied and safetied. Performed ground a safetied and s	riation LL  Tach  N927CD  OA oil analysis. None no haust slip jo	Lease to the continental IO-550- ysis. Serviced engine with mouse milk. Response to the continental III into the continental II into the continent	Engine Logbook  cut and inspected oil filter wand serviced engine with 8 mal checks with no further description of the Sartin A&P3506599  2751 N.E. Do Lee's Summit Ph. 816/252/59  Engine TT 2339.7  G S/N 679144  with 8 qts. of Aeroshell 15W and a new CH48109-1 oil filter and checked for the same checked for the same checked for the same checked for the same checked same checked for the same checked same checked for the same checked same checke	quarts of iscrepancies noted  uglas Suite D Hang MO 64064 96 Fax 816/525/599 Engine SM 796.0  7-50. Removed oil lter, torqued to 19
Prained oil, to cut apart, and lbs., and safetic	American Averaged Lubricated exists and safetied and safetied and safetied. Performed ground a safetied and s	riation LL  Tach  N927CD  OA oil analysis. None no haust slip jo	Lease to the continental IO-550- ysis. Serviced engine with mouse milk. Response to the continental III into the continental II into the continent	Engine Logbook  cut and inspected oil filter wand serviced engine with 8 mal checks with no further description of the Sartin A&P3506599  2751 N.E. Do Lee's Summit Ph. 816/252/59  Engine TT 2339.7  G S/N 679144  with 8 qts. of Aeroshell 15W and a new CH48109-1 oil filter and checked for the same checked for the same checked for the same checked for the same checked same checked for the same checked same checked for the same checked same checke	quarts of iscrepancies noted  uglas Suite D Hange MO 64064 96 Fax 816/525/599 Engine SM 796.0  V-50. Removed oil lter, torqued to 19
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Prained oil, to cut apart, and lbs., and safetic	American Averaged Lubricated exists and safetied and safetied and safetied. Performed ground a safetied and s	riation LL  Tach  N927CD  OA oil analysis. None no haust slip jo	Lease to the continental IO-550- ysis. Serviced engine with mouse milk. Response to the continental III into the continental II into the continent	Engine Logbook  cut and inspected oil filter wand serviced engine with 8 mal checks with no further description of the Sartin A&P3506599  2751 N.E. Do Lee's Summit Ph. 816/252/59  Engine TT 2339.7  G S/N 679144  with 8 qts. of Aeroshell 15W and a new CH48109-1 oil filter and checked for the same checked for the same checked for the same checked for the same checked same checked for the same checked same checked for the same checked same checke	quarts of iscrepancies noted  uglas Suite D Hange MO 64064 96 Fax 816/525/599 Engine SM 796.0  V-50. Removed oil lter, torqued to 19
Prained oil, to cut apart, and lbs., and safetic	American Averaged Lubricated exists and safetied and safetied and safetied. Performed ground a safetied and s	riation LL  Tach  N927CD  OA oil analysis. None no haust slip jo	Lease to the continental IO-550- ysis. Serviced engine with mouse milk. Response to the continental III into the continental II into the continent	Engine Logbook  cut and inspected oil filter wand serviced engine with 8 mal checks with no further description of the Sartin A&P3506599  2751 N.E. Do Lee's Summit Ph. 816/252/59  Engine TT 2339.7  G S/N 679144  with 8 qts. of Aeroshell 15W and a new CH48109-1 oil filter and checked for the same checked for the same checked for the same checked for the same checked same checked for the same checked same checked for the same checked same checke	quarts of iscrepancies noted  uglas Suite D Hange MO 64064 96 Fax 816/525/599 Engine SM 796.0  V-50. Removed oil lter, torqued to 19
Prained oil, to cut apart, and lbs., and safetic	American Averaged Lubricated exists and safetied and safetied and safetied. Performed ground a safetied and s	riation LL  Tach  N927CD  OA oil analysis. None no haust slip jo	Lease to the continental IO-550- ysis. Serviced engine with mouse milk. Response to the continental III into the continental II into the continent	Engine Logbook  cut and inspected oil filter wand serviced engine with 8 mal checks with no further description of the Sartin A&P3506599  2751 N.E. Do Lee's Summit Ph. 816/252/59  Engine TT 2339.7  G S/N 679144  with 8 qts. of Aeroshell 15W and a new CH48109-1 oil filter and checked for the same checked for the same checked for the same checked for the same checked same checked for the same checked same checked for the same checked same checke	quarts of iscrepancies noted  uglas Suite D Hange MO 64064 96 Fax 816/525/599 Engine SM0 796.0  V-50. Removed oil lter, torqued to 19

#### DATE

## R & D American Aviation LLC. 2751 N.E. Douglas Suite D Hanger J Lee's Summit, MO 64064 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, #Cleaned all fuel injectors. Pressure tested exhaust system cked. 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&P3162074I.A. Kupil L. While

### 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
Engine TT Engine SMOH
2360.6 816.9

 Date
 Tach
 Hobbs

 04/29/2015
 3353.9

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 Rufel L-while

### 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

/ CD/ Billow			Fn. 61W2323996 Fax 61W323/377.		
	Tach	Hobbs	Engine TT	Engine SMOH	
Date	representation represents A. W. Mayne on an except committee	3371.1	2377.8	834.1	
11/18/2015		3371.1			

### 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 Ruhl Lushib

### 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

11 00 0 1 0 11			Ph. 810/252/599	0 Fax 810/323/399/
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 cked. 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&P3162074I.A. Kakel L-C

## 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 cked. 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. Riefel L-White

R & D Americ	can Aviation ЦС.	equi and tables	Lee's Summit,	nglas Suite D Hanger'J MO 64064 6 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 cked. 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. Rufel L- While

## 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

TACH OR RECORDING METER TIME

E

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

R & D Americ	can Aviation LLC.	Lag'e Cummil.	glas Suite D Hanger J MO 64064 6 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 cked. 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. Ruhl L. White

R & D Ameri	can Aviation LLC.	The second secon	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 Robbl Lask

R & D Americ	can Aviation LLC.	Lee's Summit,	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 Rufel L. White

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г	ay	0	1.4	U

TACH OR RECORDING METER TIME

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

R & D America	an Aviation LLC.		2751 N.E. Douglas Suite D Hanger J Lee's Summit, MO 64064 Ph. 816/252/5996 Fax 816/525/5997			
	Tach	Hobbs	Engine TT	Engine SMOH		
Date 04/01/2020	- I dell	3489.5	2496.2	952.5		
/80, #3 65/80, #4 70/8 ectors. Reinstalled injectof of 12 (6 ea.). Pressure tilk. Inspected and lubed ted. I certify that this exporting condition this desired.	N927CD Contrequest. Removed all spa 80, #5 72/80, #6 65/80. ctors with new gaskets I tested exhaust system ck I all engine controls. Inspending has been inspected	ark plugs cleaned, ga Cked. mag timing P/N X1473 (6 ea.). n ted. for cracks none r pected engine air filte ed I/A/W an Annual	S/N 679144  aped and tested plugs. at 22°. Reinstalled all ew o-ring P/N 630979-9 acted. Lubricated exhau	Comp ck. #1 72/80, #2 plugs. Cleaned all fuel 0 (12 ea.) new seals P/N st slip joints with mouse checked for leaks, none		
558077, and 658088 2. Replaced all pushrod t 3. C/W Steel Aviation Pro 4. Checked compression 74	nd exhaust lifters with new tube seals with new e-purchase Inspection form is, 1) 70, 2) 68, 3) 70, 4) 70 engine oil filter, NDN. Insta	m 4, 5) 69, 6)				
evin Pierron A&P 3343	3189IA					
	3189IA E E L A V I A T I O N . C O M	M				

ATE

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

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.

orgis. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repair/inspected in accordance with current per fig. 1. The first return to service. Pertinent details of repair/inspection are on file at this Certified Repair Station CRS NT2R043L. I have reviewed the file on this aircraft and requirements of the Federal Aviation Admir

Authorized Signature:

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

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.

The airgraft, airframe, aircraft engine, propeller, or appliance identified was repair/inspected in accordance with current top feath to service. Pertinent details of repair/inspection are on file at this Certified Repair Station CRS NT2R043L. requirements of the Federal Aviation Admin Authorized Signature:

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

N927CD S/N 22-0227

Work Order: \$9353

Date: 06-01-2021

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 appropriate to return to service. Pertinent details of repair/inspection are on file at this Certified Repair. Station CRS NT2R043L.

Chad J. Koehr / CRS Release Authority

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