

ENIGNE
CONTINENTAL IO550 SERIAL # 917144
DATE 04/18/2022 N911TK TT: 906.1

PERFORMED THE FOLLOWING TASK IAW CIRRUS SR22 AND CONTINENTAL IO550 SERVICE
MANUAL

- REMOVED FAULTY RIGHT MAGNETO P/N 10-500556-1 S/N 0160A021, CLEANED MOUNTING SURFACE.
- INSTALLED NEW MAGNETO P/N 10-500556-1 S/N D22AA018 IN RIGHT POSITION USING NEW GASKET P/N 649954
- TEST RUN SATISFACTORY

I CERTIFY THIS AIRCRAFT HAS BEEN REPAIRED TO THE EXTENT STATED ABOVE AND RETURNED TO SERVICE.

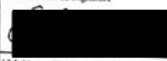
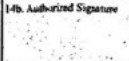
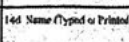
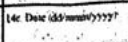
JACK M. SUTTON A&P

AUGUSTA AVIATION, INC.
DANIEL FIELD (DNL)
1775 HIGHLAND AVE.
AUGUSTA, GA 30904

"Excellence Since 1940"

Date: 8/09/2022; Aircraft: N911TK; Type: SR22; S/N: 1001; Total Time: 918.60; Engine - Type: IO-550 N27, S/N: 917144, Time: 918.60
Performed Annual Engine Inspection IAW FAR 43 Appendix D using the Cirrus SR22 MM checklist as a guide. Engine compressions as follows: #1 69/80, #2 63/80, #3 60/80, #4 74/80, #5 70/80, #6 72/80, master orifice 45/80. Removed, serviced, and reinstalled all spark plugs with 12 new gaskets P/N M674. Changed engine oil with 8 quarts of Phillips X/C 20W-50. Collected Blackstone oil sample, sent for analysis. Replaced oil filter with new PN: AA48106-2. Cut old filter, no defects found. Leak check and ground run good.

I certify this Engine has been inspected in accordance with an Annual Inspection and was determined to be in airworthy condition.

1. Approving Civil Aviation Authority Country FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number 8222117	
4. Organization Name and Address Textron Aviation Inc. (PC4) Textron Aviation Inc. 1 Cessna Blvd, Wichita, KS 67215						5. Work Order Contract Invoice Number 4762756	
6. Item 10	7. Description MAGNETO	8. Part Number 10-500556-1	9. Quantity 1	10. Serial Number D22AA018	11. Status Work New		
12. Remarks AUTHORIZED RELEASE DOCUMENT PO#: 222108							
13a. Certifies the items identified above were manufactured in conformity to: ☒ Approved design data and are in a condition for safe operation ☐ Non-approved design data specified in Block 12.				14a. ☐ 14 CFR 43.9 Return to Service ☐ 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. PC4		14b. Authorized Signature 		14c. Approval/Certificate No.	
13d. Name (Typed or Printed) CHRIS DENTON		13e. Date (dd/mm/yyyy) 15/Apr/2022		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, 13c 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. FAA Form 8130-3 (02-14)							

NN 0051-001-9005

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Date: 7/14/2021; Aircraft: N911TK; Type: SR22; S/N: 1001; Total Time: 798.80; Engine - Type: IO-550 N27, S/N: 917144, Time: 798.80

Performed annual engine inspection IAW AC 43 Apx D and manufacturers maintenance manuals. Took blackstone oil sample. Drained engine oil and removed oil filter. Cut open oil filter and inspected for contaminants, no defects found at this time. Installed new oil filter, P/N: AA48103-2, and added 8qts Phillips XC 20W-50. Compression results: #1- 60/80, #2- 63/80, #3- 58/80, #4- 68/80, #5- 68/80, #6- 71/80. M/O Reading: 45/80. Removed and replaced right magneto (P/N: 10-5005561, S/N: D16DA021) and left magneto (P/N: 10-500556-1, S/N: H240634DR) and timed mags to engine. Removed, cleaned and inspected Fuel nozzles. Installed cleaned fuel nozzles with new gaskets and washers. Replaced #1 & #6 spark plugs, P/N: URHB-32S. All leak and function checks good, return to service.

Tach: 0798.8
Date: 07/14/2021
W/O: M-21-3135

I certify this Engine has been inspected in accordance with an Annual Inspection and was determined to be in airworthy condition.

Justin B. Cudde
A&P

AUGUSTA AVIATION, INC.

DANIEL FIELD (DNL)
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AUGUSTA, GA 30904

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Date: 11/03/2021; Aircraft: N911TK; Type: SR22; S/N: 1001; Hobbs: 851.20; Total Time: 851.20; Engine - Type: IO-550 N27, S/N: 917144, Time: 851.20, SMOH: 851.20

Changed engine oil with 8 quarts of Phillips XC 20W50. Changed oil filter with new PN: AA48108. Cut old filter. No metal found. Pulled oil sample using BLACKSTONE kit. Leak check good on ground run.

I certify the work performed was conducted in accordance with the applicable manufacturer instructions and is approved for return to service.

Josh
A&P

AUGUSTA AVIATION, INC.

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AUGUSTA, GA 30904

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Date: 3/30/2022; Aircraft: N911TK; Type: SR22; S/N: 1001; Hobbs: 896.00; Total Time: 896.00; Engine - Type: IO-550 N27, S/N: 917144, Time: 896.00, SMOH: 896.00

Changed engine oil with 8 quarts of 20W50. Changed oil filter with new P/N AA48108-2. Cut old filter, no metal found. Pulled oil sample using Blackstone kit, sent for analysis. Leak check good on ground run. Removed faulty CHT probe from #4 cylinder and replaced with new CHT probe P/N 14880-003. Ops check on ground run good.

I certify the work performed was conducted in accordance with the applicable manufacturer instructions and is approved for return to service.

Fredrick Allen Aldridge III A&P

AUGUSTA AVIATION, INC.

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AUGUSTA, GA 30904

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Date: 11/18/2020; Aircraft: N911TK; Type: SR22; S/N: 1001; Hobbs: 761.60; Total Time: 761.60; Engine - Type: , S/N: , Time: 761.60, SMOH: 761.60

Drained oil, replaced with new, 8 quarts of Phillips X/C 20W50. Removed and replaced oil filter with new P/N: AA48108. Cut and inspected old filter. No metal found. Pulled oil sample using Blackstone kit and sent out. Leak check good on ground run.

I certify the work performed was conducted in accordance with the applicable manufacturer instructions and is approved for return to service.

Scott [REDACTED]
A&P [REDACTED]

AUGUSTA AVIATION, INC.

DANIEL FIELD (DNL)
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AUGUSTA, GA 30904

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Date: 3/25/2020; Aircraft: N911TK; Type: SR22; S/N: 1001; Total Time: 687.50; Engine - Type: , S/N: , Time: 687.50, SMOH: 687.50

Drained engine oil and removed oil filter. Cut open and inspected oil filter, no defects noted at this time. Installed new oil filter, P/N: AA48108-2, and added 8qts AeroShell w15w-50 oil. leak check good returned to service.

Tach: 687.5
Date: 03/25/2020
W/O: M-20-6035

I certify the work performed was conducted in accordance with the applicable manufacturer instructions and is approved for return to service.

Justin D. Curdie
A&P [REDACTED]

FERNANDINA BEACH AIRCRAFT MAINTENANCE
3990 CENTURION WAY HANGAR A
FERNANDINA BEACH FL 32034

04/16/2021

N911TK ENGINE HOBBS: 795.70

LEFT MAG DROP RAN UP ON LEFT MAG REPLACED PLUGS ON COLD
CYLINDERS 2ea URHB 32S OPS CHECK GOOD. THE END

WO 752 SHERMAN R KELLER [REDACTED]

A&P [REDACTED]

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 →					
16 October 2014. Hobbs & Engine TT 341.5. Performed 100 hour/Annual inspection. Serviced spark plugs, checked mag timing. Replaced one spark plug, RHB32S due to cracked insulator. Performed compression check: #1 72/80, #2 68/80, #3 70/80, #4 70/80, #5 73/80, #6 73/80. Master 49/80. Changed oil & filter, serviced with 8 qts Phillips X/C 20w50, CH48108 filter. For complete AD compliance, see AD listing in aircraft maintenance records. I certify this Engine has been inspected in accordance with a 100 hour/Annual inspection and is determined to be in an airworthy condition. Paul A. Slaughter, AP [REDACTED]					
1 November 2015. Hobbs & Engine TT 341.9. Performed 100 hour/Annual inspection. Performed compression check: #1 70/80, #2 69/80, #3 68/80, #4 69/80, #5 72/80, #6 74/80. Master 47/80. Borescoped cylinders and valves, corrosion and pitting on cylinder walls. Added two 12 oz. cans AvBlend to oil. For complete AD compliance, see AD listing in aircraft maintenance records. I certify this Engine has been inspected in accordance with a 100 hour/Annual inspection and is determined to be in an airworthy condition. Paul A. Slaughter, AP [REDACTED]					
1 January 2017. Hobbs & Engine TT 366.8. Performed 100 hour/Annual inspection. Performed compression check: #1 69/80, #2 73/80, #3 65/80, #4 72/80, #5 69/80, #6 76/80. Master 47/80. Serviced spark plugs, checked mag timing. Changed oil & filter, serviced with 8 qts Phillips X/C 20w50, CH48108-1 filter. Added one 12 oz. can AvBlend to oil. For complete AD compliance, see AD listing in aircraft maintenance records. I certify this Engine has been inspected in accordance with a 100 hour/Annual inspection and is determined to be in an airworthy condition. Paul A. Slaughter, AP [REDACTED]					
2 February 2018. Hobbs & Engine TT 381.4. Performed 100 hour/Annual inspection. Performed compression check: #1 66/80, #2 66/80, #3 62/80, #4 69/80, #5 70/80, #6 70/80. Master 49/80. Serviced spark plugs, checked mag timing. Changed oil & filter, serviced with 8 qts Phillips X/C 20w50, AA48108-2 filter. Added one 12 oz. can AvBlend to oil. For complete AD compliance, see AD listing in aircraft maintenance records. I certify this Engine has been inspected in accordance with a 100 hour/Annual inspection and is determined to be in an airworthy condition. Paul A. Slaughter, AP [REDACTED]					
29 August 2018. Hobbs 431.4. Changed oil & filter, serviced with 8 qts Phillips X/C 20w50, AA48108-2 filter. Paul A. Slaughter, A&P [REDACTED]					

Southeast Aero Services Inc.

St Augustine, FL.

Phone [REDACTED] Fax [REDACTED]

TCM IO-550-N(27) S/n:917144

N911TK

8-28-19 Hobbs:557.3hrs. Installed overhauled alternator 2 (p/n: bc410-1, S/N:1132277K) using new gasket and lock washers. Secured engine induction air filter [REDACTED]

ft AUGUSTA AVIATION, INC.

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Date: 4/20/2020; Aircraft: N911TK; Type: SR22; S/N: 1001; Hobbs: 689.10; Total Time: 689.10; Engine - Type: , S/N:, Time: 689.10

Performed Annual Engine Inspection IAW FAR 43 Appendix D using the Cirrus SR22 MM checklist as a guide. Lubed controls. Removed spark plugs, cleaned, tested, and reinstalled with new gaskets PN: M674(x8). Removed oil pressure relief valve and replaced gasket with new PN: MS35789-26. Reinstalled relief valve. Leak check good on ground run. Engine cylinder compression recorded as follows: #1 59/80 #2 73/80 #3 55/80 #4 65/80 #5 69/80 #6 65/80.

I certify this Engine has been inspected in accordance with an Annual Inspection and was determined to be in airworthy condition.

Josh Reimer
A&P [REDACTED]