

ENGINE MAINTENANCE RECORDS



WESTERN
Skyways
INC.

Engines Are Our **ONLY** Business

21 CREATIVE PL. • MONTROSE, CO 81401
(970) 249-0232 • 800-575-9929 • FAX (970) 249-4155

DATE

TACH OR
RECORDING
METER
TIMEDESCRIPTION OF WORK PERFORMED --
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
WESTERN
Skyways
 INC.

GOLD SEAL AIRCRAFT ENGINES

21 Creative Place
Montrose, CO 81401
www.westernskyways.com(800) 575-9929
(970) 249-0232
FAX: (970) 249-4155Engine Make: CONTINENTALModel: IO-550-NSerial Number: 685878W/O No: 20640Date: 12/29/06Warranty Number: L6298Warranty Start Date: 01/07Crankshaft Serial No: N01JA217Cylinder Part Number: EQ7085

This engine and accessories listed below were overhauled to "Factory New Tolerances" per Overhaul Manual No: X30568A See back section for Airworthiness Directives and Service Bulletin compliance. This engine was run in a test cell. Total Previous Time: 1311.8 Hrs.

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

The accessories listed below were new or overhauled and supplied with this engine:

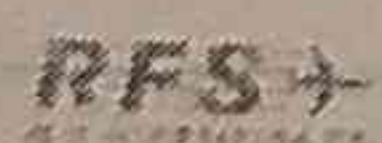
Component	Part No.	Serial No.	Component	Part No.	Serial No.
L/H Mag:	BL-500556-1	D06KA112R	Vac Pump:	N/A	N/A
R/H Mag:	BL-500556-1	D06KA292R	Wastegate:	N/A	N/A
Fuel Pump:	649364-4A1	B01JA185	Alt/Gen:	N/A	N/A
Inj/Carb:	653353-1	A01JA153	Controller:	N/A	N/A
Man Valve:	646433-3	C01LA166	Controller::	N/A	N/A
Starter:	ES646238-2	G042718	Fuel Limiter::	N/A	N/A
Turbo:	N/A	N/A	Gov Prop:	N/A	N/A
			Hyd Pump:	N/A	N/A
			Hyd Pump:	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

ENGINE MODEL:
ENGINE S/N:
REG. NO: 910JR
WORK ORDER:
7259-11-2006

Reno Flying Service, Inc.

485 S. Rock Blvd Hangar B
Reno, NV 89502
Phone: 775-856-5800DATE: ____/____/____
A/C TSN:
ENG TT:
HOBBS: 1311.9

Engine Entries


(6) Engine, prop and governor found contaminated with metal, removed and sent for overhaul. Engine, prop, and governor reinstalled on A/C. Includes R&R of Reiff heating system. Installed new exhaust risers, drilled & fit EGT sensors. A/C ground run and all performance parameters verified. Completed Annual Inspection per Mfg. Checklist.

I Certify this Aircraft Engine propeller has been inspected in accordance with a ANNUAL inspection and was determined to be in AIRWORTHY condition.

DATE: 2/12/07

SIGNED: _____

Printed by EBis 3 (datcomedia.com)

DATE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED -- SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
		<p>March 30, 2007 N910JR, TCM IO-550-N S/N: 685878 Tach Meter: 1320.8</p> <p>This is a permanent part of the Engine Records. Pertinent details of the work performed are on file at this Repair Station. The following inspections, repairs or component part replacements were accomplished:</p> <ol style="list-style-type: none"> 1. Removed engine starter adapter and replaced with new PN: 642083-A2. Installed with new seal PN: 630916. Ground run satisfactory. <p>Technician(s): R. Vosburg The aircraft and/or component identified above has been repaired and inspected in accordance with Federal Aviation Regulations and is approved for return to service with respect to the work performed.</p> <p>Inspector:  S.A. Wilbur for CRS# PCPR439B</p> <p style="text-align: right;"><i>Mather Aviation, LLC</i> Sacramento Mather Airport, CA 95655 FAA CRS No. PCPR439B WO#: 412380</p>

N910JR Hobbs: 1335.8
Changed oil and inspected filter. Serviced with
Aeroshell 15W50. Ground runup and leak check ok.

JET WEST, LLC
1880 GENTRY WAY
RENO, NEVADA 89502

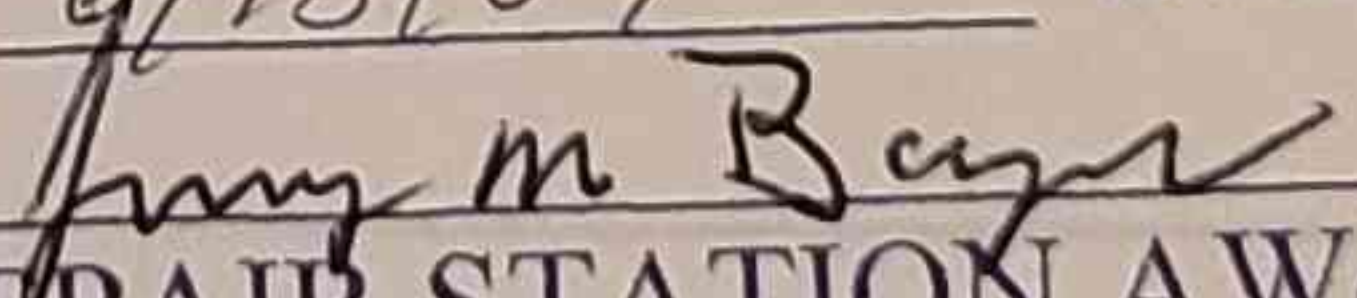
TEL: 775-825-6400

DATE: 4/20/07 W/O: 2576

BY:  FOR
FAA REPAIR STATION AW4R065M

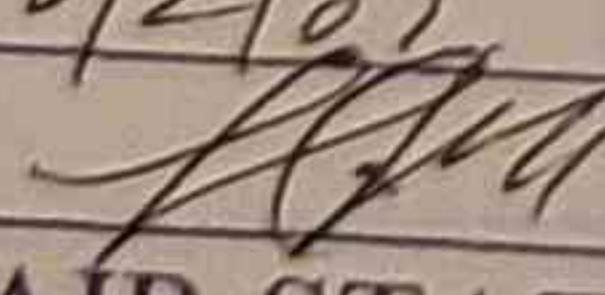
N910JR Hobbs: 1384.3
Changed oil and inspected filter. Serviced with
Aeroshell 15W50. Ground run-up and leak check
good.

JET WEST, LLC
1880 GENTRY WAY
RENO, NEVADA 89502
TEL: 775-825-6400

DATE: 6/13/07 W/O: 2607
BY:  FOR
FAA REPAIR STATION AW4R065M

N910JR Cirrus SR-22 S/N: 0142 Hobbs: 1463.1
Changed oil and inspected filter. Serviced with Aeroshell
15W50. Ground runup and leak check ok.

JET WEST, LLC
1880 GENTRY WAY
RENO, NEVADA 89502
TEL: 775-825-6400

DATE: 10/2/07 W/O: 2714
BY:  FOR
FAA REPAIR STATION AW4R065M

DATE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED -- SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
		<p>Carson Aviation Services 2640 E. College Pkwy Carson City NV. 89706 775-841-0400</p> <p>Eng. Model IO-550-N DATE 02-25-08 Eng. SN. 685878 ENG T.T 1518.4 ReG.# N910JR TSMOH 196.6 W.O.# ACFT hobbs 1518.4 Performed a 100hr/annual per cirrus and continental service manuals Changed oil and filter Es48109 and 7 qts aeroshell 15W50. compressions 1-72,2-74,3-74,4-72,5-75,6-72/80. Cleaned gapped and rotated spark plugs. Moved oil heater plug to oil door. Resealed heater wires to engine case. Signed <u><i>[Signature]</i></u> 1861869 A+P EN</p>
		<p>N910JR Cirrus S22 S/N: 0142 Hobbs: 1626.4</p> <p>Changed oil and inspected filter. Serviced with Aeroshell 15W50. Ground runup and leak check OK.</p> <p>JET WEST, LLC 1880 GENTRY WAY RENO, NEVADA 89502 TEL: 775-825-6400 DATE: <u>08/06/08</u> W/O: <u>2835</u> BY: <u><i>[Signature]</i></u> FOR FAA REPAIR STATION AW4R065M</p>
		<p>N910JR Cirrus SR22 S/N: 0142 Hobbs: 1682.1</p> <p>Changed oil and inspected filter. Serviced with Aeroshell 15w50. Replaced alternator. Installed Kelly Aerospace overhauled P/N 646843, S/N I051757 (FAA CRS UT2R226L, W/O M884630). Engine ground runup functional and leak check ok.</p> <p>JET WEST, LLC 1880 GENTRY WAY RENO, NEVADA 89502 TEL: 775-825-6400 DATE: <u>10/9/08</u> W/O: <u>2857 : 2859</u> BY: <u><i>[Signature]</i></u> Leonard W. Miller A&P 1685503</p>

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

Carson Aviation Services
 2640 E. College Pkwy
 Carson City NV. 89706
 775-841-0400

Eng. Model IO-550-N DATE 03-10-09

Eng. SN. 685878 ENG T.T 1743.9

ReG.# N910JR TSMOH 422.1

W.O.# ACFT hobbs 1743.9

Performed a 100hr/annual per cirrus and continental service manuals

Oil sample taken. Changed oil and filter es48109 and 7 qts 15w50.

Cleaned injectors and replaced (O) rings. Replaced induction filter,

BA-24 Compressions 1-78,2-76,3-78,4-78,5-80,6-78/80. Cleaned

Gapped and rotated spark plugs. I certify that this engine has been

Inspected I/A/W an annual inspection and was determined to be

In an airworthy condition.

Signed *Joe Paris* 1861869 ATP

May 5, 2010

N910JR, TCM IO-550N

S/N: 685878

AFTT:1947.5

Mather Aviation LLC

Mather Airport

FAA CRS No. PCPR439B

ETSO: 635.6

WO#: 416621

This is a permanent part of the Engine **Records**. Pertinent details of the work performed are on file at this Repair Station..

1. Complied with all service and inspection items in accordance with the Cirrus SR22 Scheduled Inspection Report Cirrus AMM 13733-001 Rev A3 Dated 12/15/2008 Chapter 05-20.
2. Complied with Cylinder differential compression test I/A/W TCM SB 03-3 #1) 67/80, #2) 69/80, #3) 68/80, #4) 67/80, #5) 67/80, #6) 69/80.
3. Complied with Oil & Filter Change, Filter Inspected and Oil Sample Taken. Serviced with Aeroshell 15W50 oil.
4. Disassembled exhaust system due to cracked at the collector. Installed new collector P/N 13535-001 reassembled exhaust system and safetied.
5. Installed new brackett induction air filter BA 24. Next due replacement 5/2011 or 2147.5 whichever comes first.
6. Airworthiness Directive 2009-24-52E (11/18/2009) Inspection and replacement of certain TCM lifters. Not applicable by engine serial numbers and no lifters have been replaced since overhaul in 2007. No further action required.

CARSON AVIATION SERVICES
2640 East College Pkwy
Carson City, NV 89702
775-841-0400

DATE: 6/26/13 REG: N910JR MAKE: CIRRUS MODEL: SR22 SN: 0142
HOBBS: 223.4

Drained and sampled oil. Refilled crankcase with 8 quarts Aeroshell 15W50.
Replaced oil filter CH48-109-1. Ground ran engine no leaks detected.

[Signature]

Timothy Hahn 2720676 A&P/IA

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

7. Airworthiness Directive 2009-16-03 (9/9/2009) Inspection and replacement of certain Superior Airparts engine cylinders. Not applicable no SAP cylinders installed on this engine. No further Action Required.
8. Installed 12 new RHB 32E spark plugs.

Technician: E. McClure, M. Keeney, and R. Vosburg

The aircraft and/or component identified above has been repaired and inspected in accordance with Federal Aviation Regulations and is approved for return to service with respect to the work performed.

Inspector: *[Signature]*

John Verderber
CRS# PCPR439B

May 5, 2010

ETT:1947.5

I certify that this Engine has been inspected in accordance with an ANNUAL INSPECTION and was determined to be in an airworthy condition, and is approved for return to service.

Inspector: *[Signature]*

John Verderber
CRS # PCPR439B

CARSON AVIATION SERVICES
2640 East College Pkwy
Carson City, NV 89702
775-841-0400

DATE: 3/14/13 REG: N910JR MAKE: CIRRUS MODEL: SR22 SN: 0142
TACH:

Oil Change. Drained oil and changed filter CH48109-1. Cut and inspected filter, no noticeable problems detected. Refilled crankcase with 7 quarts Aeroshell 15W50. Ground ran engine no leaks detected.

[Signature]

Timothy Hahn 2720676 A&P/IA

Carson Aviation Services
2640 E. College Pkwy
Carson City NV. 89706
775-841-0400

Eng. Model IO-550-N DATE 06-13-2011

Eng. SN. 685878 ENG T.T 2032.1

ReG.# N910JR TSMOH 710.3

W.O.# ACFT hobbs 32.2

Performed a 100hr/annual per cirrus and continental service manuals
Oil sample taken. Changed oil and filter es48109 and 7 qts 15w50.

Compressions 1-74,2-77,3-77,4-78,5-73,6-77/80. Cleaned

Gapped and rotated spark plugs. I certify that this engine has been

Inspected I/A/W an annual inspection and was determined to be

In an airworthy condition.

Signed *[Signature]*

Carson Aviation Services
2640 E. College Pkwy
Carson City NV. 89706
775-841-0400

Eng. Model IO-550-N DATE 12-21-2011

Eng. SN. 685878 ENG T.T 2032.1

ReG.# N910JR TSMOH 750.3

W.O.# ACFT hobbs 72.2

Oil sample taken. Changed oil and filter es48109 and 7 qts 15w50.

Signed *[Signature]*

CARSON AVIATION SERVICES

2640 East College Pkwy

Carson City, NV 89702


775-841-0400

ENGINE

DATE: 8/13/13 REG: N910JR MAKE: CONT MODEL: IO550 SN: 685878
HOBBS: 2240.6 ENG TT: 2240.6 TTSMOH: 918.8

Performed a 100 hour inspection IAW Cirrus and Continental service manuals. Drained oil and replaced filter. 7 quarts Aeroshell 15W50 oil and CH48-109-1 oil filter. Compression and timing check okay. Compression 1-75, 2-75, 3-74, 4-72, 5-76, 6-76. Cleaned gaped inspected tested and reinstalled spark plugs. Inspected muffler and heat shroud. C/W AD96-12-22 Oil Filter Adapter nut by inspection. Next due at oil change. No other AD's apply at this time.

I certify that this engine was inspected IAW a 100 hour inspection and was found to be in an airworthy condition.



Timothy Hahn 2720676 A&P/IA

CARSON AVIATION SERVICES

2640 East College Pkwy

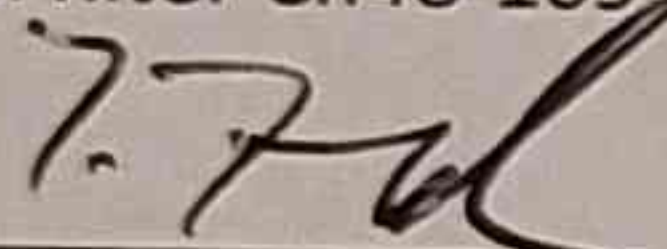
Carson City, NV 89702

775-841-0400

ENGINE

DATE: 4-5-16 REG: N910JR MAKE: CIRRUS MODEL: SR22 SN: 0142
HOBBS: 315.0

Drained and sampled oil. Refilled crankcase with 8 quarts Aeroshell 15W50. Replaced oil filter Ch48-109-1. Ground ran engine no leaks detected.



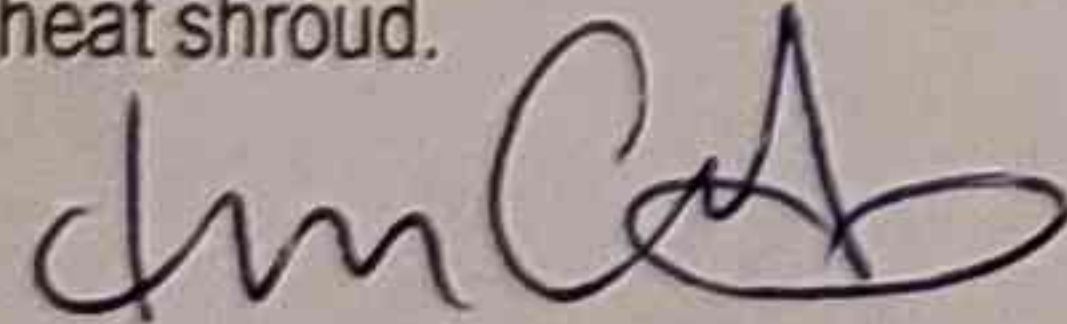
Timothy Hahn 2720676 A&P/IA

Carson Aviation Services

2640 E. College Pkwy, Carson city, NV 89706 PH.775-841-0400

DATE: 02/03/17 REG: N910JR MAKE: CONT MODEL: IO550 SN: 685878 HOBBS: 2490.7 ENG TT: 2490.7 TTSMOH: 1168.8

Performed an Annual Inspection IAW Carson Aviation Services Annual/100-Hour checklist which meets 14 CFR 43 appendix D requirements. Drained and sampled oil. Installed new AA48109 oil filter. Refilled crankcase with 8 quarts Aeroshell 15W50 oil. Compression and timing check okay. Compression 1-70, 2-69, 3-75, 4-73, 5-70, 6-70. Cleaned gaped inspected tested and reinstalled spark plugs. Inspected muffler and heat shroud.



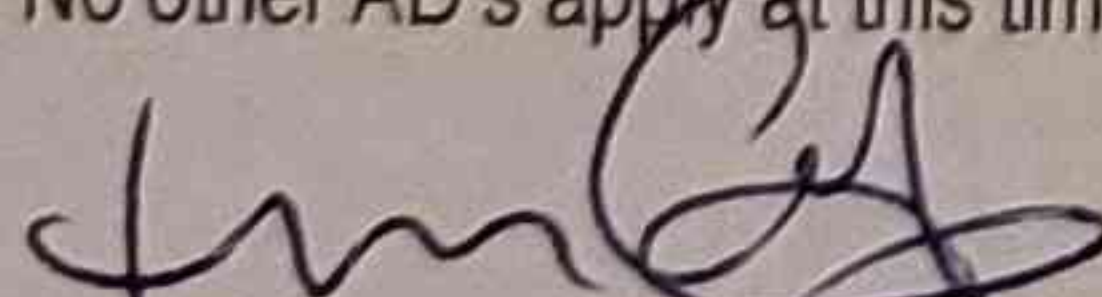
Troy Creeks 3674511 A&P/IA

C/W AD96-12-22 Oil Filter Adapter nut by inspection. Next due at oil change.



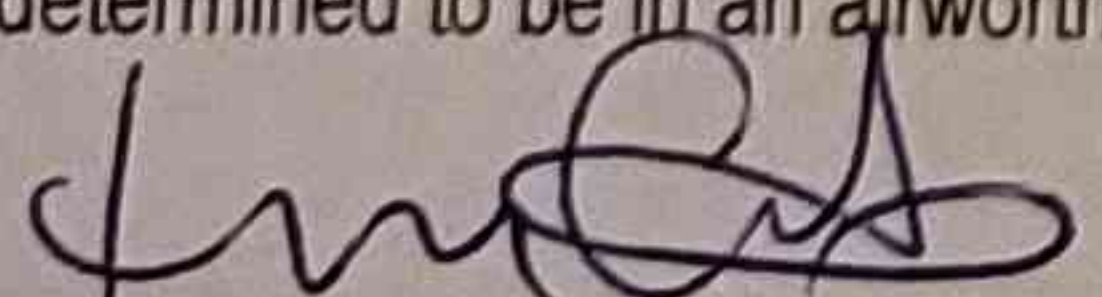
Troy Creeks 3674511 A&P/IA

No other AD's apply at this time.



Troy Creeks 3674511 A&P/IA

I certify that this engine has been inspected I/A/W an annual/100-Hour inspection and was determined to be in an airworthy condition.



Troy Creeks 3674511 A&P/IA

CARSON AVIATION SERVICES

2640 East College Pkwy

Carson City, NV 89702

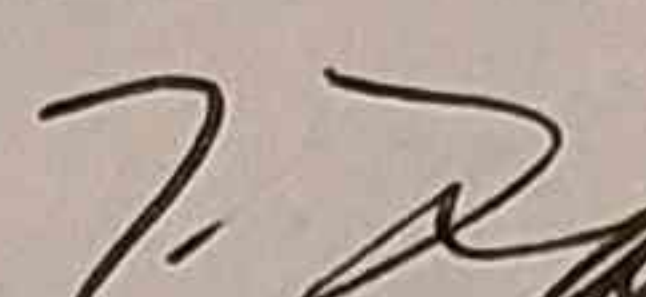
775-841-0400

ENGINE

DATE: 12/03/15 REG: N910JR MAKE: CONT MODEL: IO550 SN: 685878
HOBBS: 2251.7 ENG TT: 2251.7 TTSMOH: 929.8

Performed a 100 hour inspection IAW Cirrus and Continental service manuals. Drained and sampled oil. Installed new AA48109 oil filter. Refilled crankcase with 8 quarts Aeroshell 15W50 oil. Compression and timing check okay. Compression 1-68, 2-73, 3-65, 4-70, 5-72, 6-75. Cleaned gaped inspected tested and reinstalled spark plugs. Cleaned injectors and reinstalled with new O-rings P/N SA630979-9/8. Inspected muffler and heat shroud. C/W AD96-12-22 Oil Filter Adapter nut by inspection. Next due at oil change. No other AD's apply at this time.

I certify that this engine was inspected IAW a 100 hour inspection and was found to be in an airworthy condition.



Timothy Hahn 2720676 A&P/IA

CARSON AVIATION SERVICES

2640 East College Pkwy

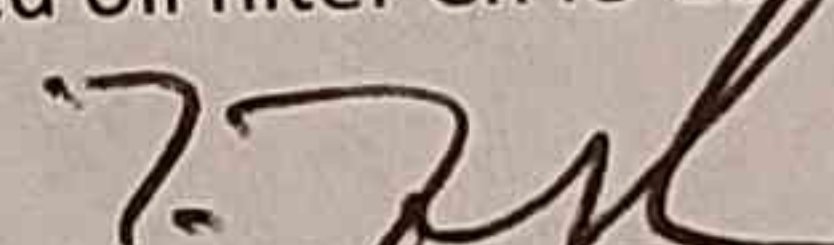
Carson City, NV 89702

775-841-0400

ENGINE

DATE: 7/5/16 REG: N910JR MAKE: CIRRUS MODEL: SR22 SN: 0142
HOBBS: 383.9

Drained and sampled oil. Refilled crankcase with 7 quarts Aeroshell 15W50. Replaced oil filter Ch48-109-1. Ground ran engine no leaks detected.



Timothy Hahn 2720676 A&P/IA

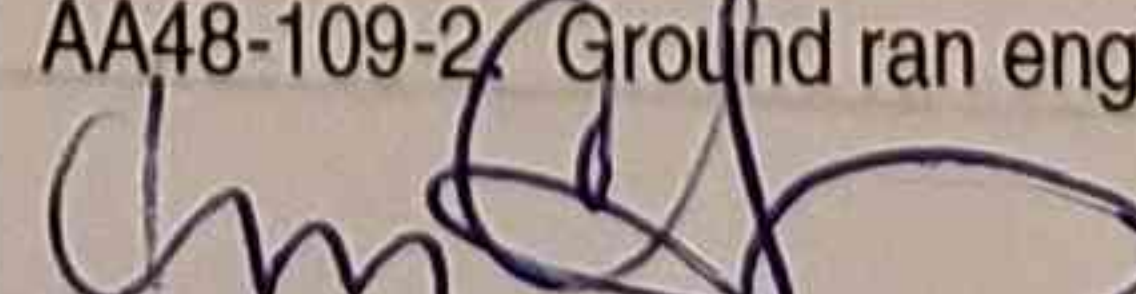
CARSON AVIATION SERVICES

2640 East College Pkwy, Carson City, NV 89702, 775-841-0400

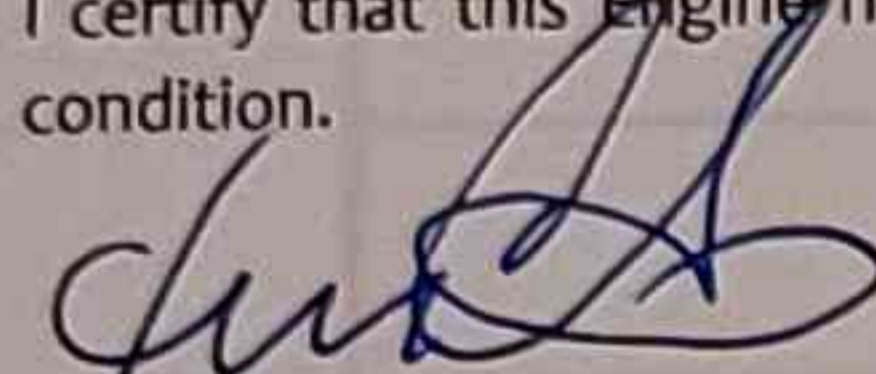
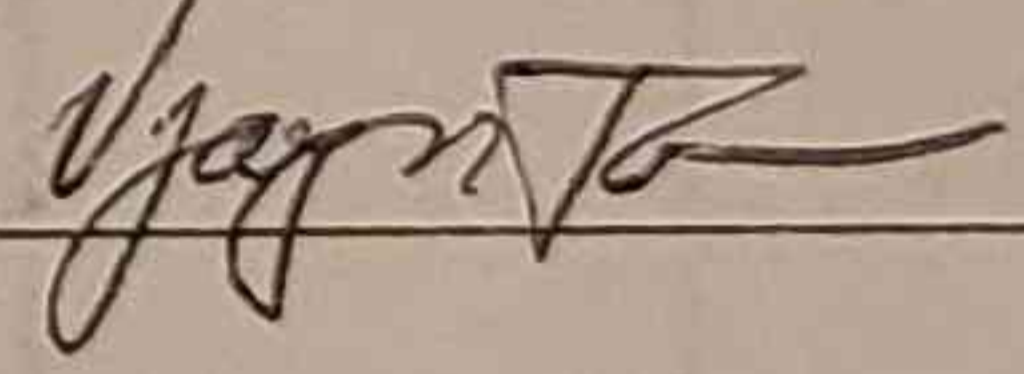

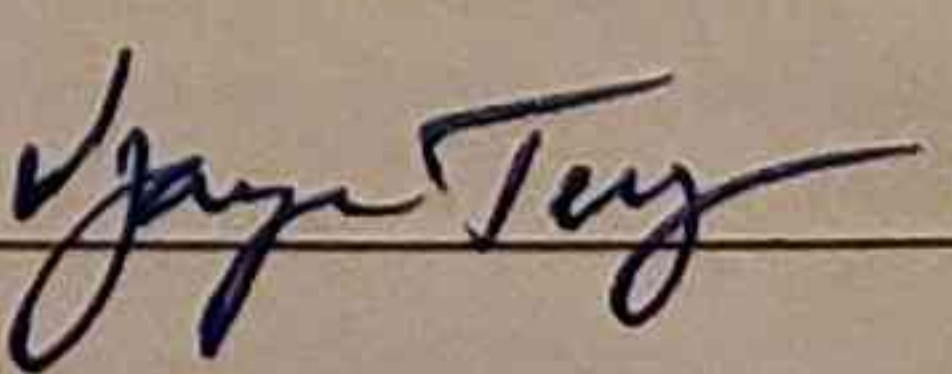
ENGINE

DATE: 12-27-17 REG: N910JR MAKE: CIRRUS MODEL: SR22 SN: 0142
HOBBS: 599.7

Drained oil. Refilled crankcase with 8 quarts Aeroshell 15W50. Replaced oil filter AA48-109-2. Ground ran engine no leaks detected.



Troy Creeks 3674511 A&P/IA

DATE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED -- SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
<p style="text-align: center;">Carson Aviation Services 2640 E. College Pkwy, Carson city, NV 89706 PH.775-841-0400</p> <p style="text-align: center;">ENGINE</p> <p>DATE: 2-May-2018 REG: N910JR MAKE: TCM MODEL: IO550 SN: 685878 TACH: ETT: 2608.9 HOBBS: 2608.9 ETSMOH: 1287.00</p> <p>Performed an Annual Inspection IAW Cirrus Design Maintenance Manual (5-20), and Carson Aviation Services annual/100-Hour checklist which meets 14 CFR 43 appendix D requirements. Drained oil, cut open oil filter and found no defects. R & R oil filter replacing with new AA48109 oil filter. Refilled crankcase with 8 quarts Aeroshell 15W50 oil. Cleaned, gaped, inspected, tested, rotated and reinstalled spark plugs. Inspected muffler and exhaust systems. Mag timing check okay. Compression test: 1-74, 3-70, 5-72, 2-73, 4-72, 6-71. Performed adjustment and test of Throttle cable, replaced cable and rod ends with new IAW Cirrus design maintenance manual (76-10) Ground ran aircraft, no leaks detected.</p> <p>I certify that this Engine has been inspected in accordance with Annual inspection and was determined to be in an airworthy condition.</p> <p> Troy Creeks 3674511 A&P/IA</p>		
30 JULY 2018	HOBBS: 652.8	<p>CHANGED OIL AND OIL FILTER WITH 7 QTS AEROSHELL 100W AND CH 48109-1 FILTER. CUT PRIOR FILTER FOR INSPECTION WITH NO DEFECTS. POST MAINT. RUN UP INDICATES ALL OPS NORMAL AND NO LEAKS NOTED. OIL SAMPLE TAKEN</p> <p>AIRCRAFT RETURNED TO SERVICE</p> <p>Vijaya Tensei, owner / ATP 2679123 </p>
<p style="text-align: center;">EGA Aviation, Inc. 2642 Airport Dr. N. Las Vegas, NV 89032 (702) 683-7507</p> <p>Engine Logbook 7 Dec. 2018</p> <p>N171VT Tach:0707.5 WO# 3781 TTSO:</p> <p>Changed oil and oil filter with 8 qts. AEROSHELL 15W-50 and CH48109-1 Filter. Cut prior filter for inspection with no defects noted. Took oil sample using Blackstone. Post maintenance run up indicates all ops normal and no leaks noted at this time.</p> <p>Aircraft returned to service Lennie John Guerin 21483690 A/P IA</p> <p></p>		
7 Dec 2018	707.5	<p>With Hobbs replacement and zeroing performed 12/9/2010, calculated Hobbs of major ^{engine} overhaul (12/29/06) ^{was} 1800</p> <p>"negative 681.5" (-681.5 Hobbs)  owner ATP 2679123</p>

1 Aug. 2019
TTSO:2612.7

N171VT Engine Logbook 1 Aug. 2019
Tach:0755.3 WO# 4123 TTSO:2612.7
C/W ANNUAL inspection IAW CIRRUS SR22 checklist and maintenance manual.
Comp. check as follows: #1 72/80 #2 74/80 #3 72/80 #4 70/80 #5 76/80
#6 74/80. Changed oil and oil filter with 7 qts. AEROSHELL100 and CH48109-1
filter Clean, inspected, gapped and checked spark plugs. Replaced (12) RHB32E
spark plugs due to wear limit. Checked mag. timing and found within limits IAW
engine data plate. Install spark plugs with new gaskets and torqued IAW MM.
Clean and installed ignition leads. Check engine controls for proper travel and
lubed. Removed and inspected fuel inlet screen with no defects noted, install
and secured for leak check with no leaks noted at this time. Pressure checked
exhaust system with no defects noted at this time. Checked and tightened as
needed all valve cover screws. Checked and tightened as needed all exhaust
and intake manifold attachment hardware. Tightened loose cylinder #4 fuel
injector line. Replaced striped cylinder #3 intake mounting stud. Installed new
CHT probe to cylinder #6, op,s checked good. Secured loose fuel flow transducer
mount. 500 hr. magneto inspection due in 213.0 hours. C/Wed AD 96-12-22
inspection of oil filter adaptor by visual IAW part 2 (b) with no defects noted.
Next due at filter or inspection. All AD,s checked and C/Wed to date. Post
maintenance run up indicates all op,s normal and no leaks noted at this time.
I certify this ENGINE has been inspected IAW a ANNUAL inspection and has
been determined to be in an airworthy condition.

Lennie John Guerin 21483690 A/P IA

Dear John

TCM Engine
N171VT
11-15-2019

IO-550-N
Cirrus Design SR22
Hobbs: 805.7

S/N: 685878
S/N: 0142

Maintenance performed:

- Removed oil from aircraft and serviced engine with 7 quarts Aeroshell 15w-50 & replaced oil filter with new P/N CH48109-1. Oil sample taken & inspected filter for metal, no metal found. Test ran and leak checked good.

I certify the airframe, engine and/or component identified was repaired and inspected in accordance with the current Repair Manual System and the Federal Aviation Regulations, and was determined to be in an Airworthy Condition at this date and time with regards to the inspection(s) and/or maintenance performed, and is approved for return to service as per those requirements. Pertinent details of the repair are on file under Work Order #WO10243.

Stanley Dixon

A/P 3729592 I/A

EGA Aviation, Inc.
2642 Airport Dr.
N. Las Vegas, Nv. 89032
(702) 683-7507
Engine Logbook
WO# 4458

15 Jun 2020

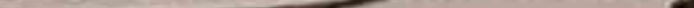
N171VT
Tach: 844.1

Removed starter and starter adapter from aircraft. Replaced adapter (P/N: 642083-A12, S/N: 21200-607) with OH part (P/N: 642083, S/N: CAM19-248) and new gasket IAW Cirrus SR22MM. reinstalled starter with new seal. Ran starter several times and ran engine. No leaks ops good.

Drained oil, and serviced engine with 8 Qts of Aeroshell 100+ engine oil. Removed, cut and inspected filter, no metal or contaminants found. Replaced, torqued and safety wired new oil filter (PN: CH48109-1) IAW Cirrus SR22 MM. Ran engine for leak check. No leaks found.

I approve this Engine for return to service.

Jose Valverde A/P 4154181



Ruben Sandoval A/P 3676074 I/A

SAN DIEGO, CA – COAST AVIATION SERVICES – (858) 800-3878

DATE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED -- SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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**JET CENTER MFR**

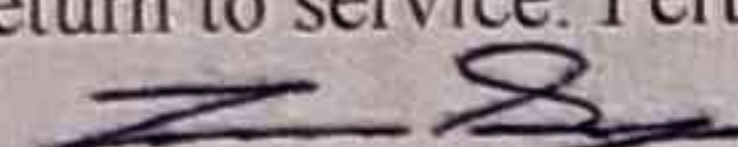
5000 Cirrus Drive
MEDFORD, OREGON 97504
(541) 770-5314 CRS: GCPRI85E
Engine Log Entry N171VT

Date: 02/01/2023
Total Time: 2961.50
Hobbs: 961.6

Engine
TT: 1649.7
TSO: 1311.9

- 1) Accomplished **50/100 Hr** inspection per FAR 43 Appendix D.
- 2) Compression Taken, Readings are: #1 70/80, #2 70/80, #3 64/80 #4 68/80 #5 72/80, #6 72/80. Note: minimum compression is 47/80 per master orifice.
- 3) Changed oil and filter (1ea AA48109 Filter, 8 quarts Aeroshell 15W/50 Oil).
- 4) Oil analysis was taken (1ea Blackstone Oil Analysis).
- 5) Removed all rocker cover fasteners. Cleaned and reinstalled fasteners in reference to Continental standard practice MM page B10, B12, and note 11.
- 6) Removed and replaced #2 cylinder with new (P/N: 568815A2, S/N: WJ-AC21CA647), serviced with mineral oil for break in, and accomplished engine run procedure for new cylinder. Work accomplished in reference to M-O manual 7-2.3. No defects noted, operations and leak checks good.
- 7) Ran engine, systems ops and leaked checked with no problems noted.

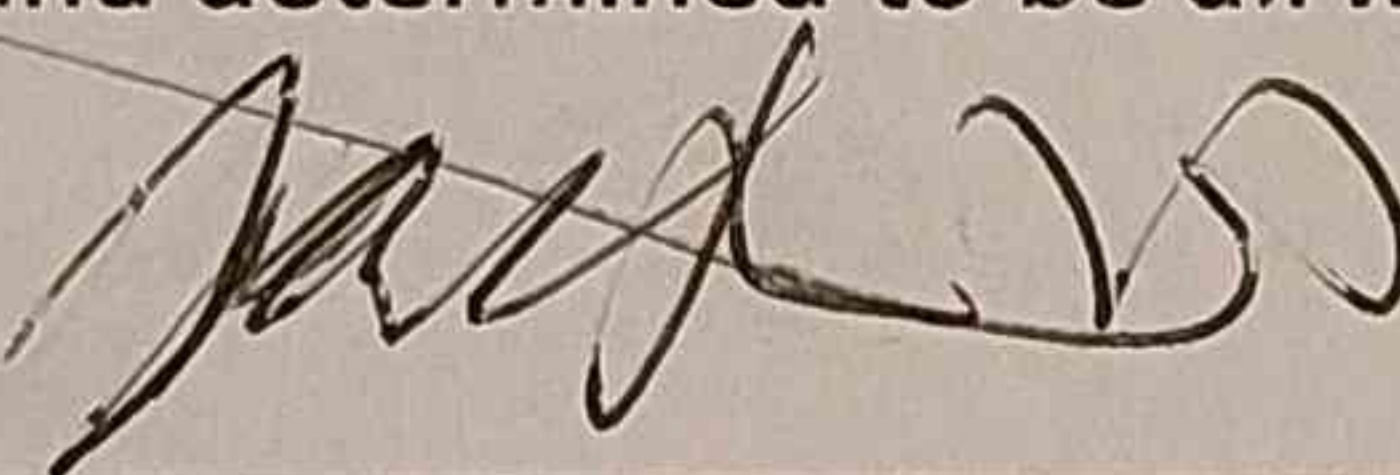
The component(s) identified above was inspected and repaired in accordance with current FARs and was found airworthy and is approved for return to service. Pertinent details on file at this agency under work order no. 37999.

 Torrance George

3/5/2024 Hobbs: 1009.5 Engine TTSN: 1697.6 TTSMOH: 1359.8 S/N 685878 N171VT

Preformed 100 hr Inspection IAW FAR 43 appx D. Compressions #1 /80 #2 75/80 #3 75/80 #4 75/80 #5 75/80 #6 74/80. Checked magneto to engine timing. Inspected exhaust for condition. Cleaned and Gapped spark plugs. Installed new BA-24 air filter. Lubricated control cables. Drained engine oil and removed oil filter, serviced crank case with 7 qts Aeroshell 15w50. Installed new AA48109-1 oil filter. Preformed engine run and OPS check. OPS check satisfactory. I certify that this engine has been inspected IAW a 100 hr inspection and determined to be airworthy at this time. END

Zack Morrison



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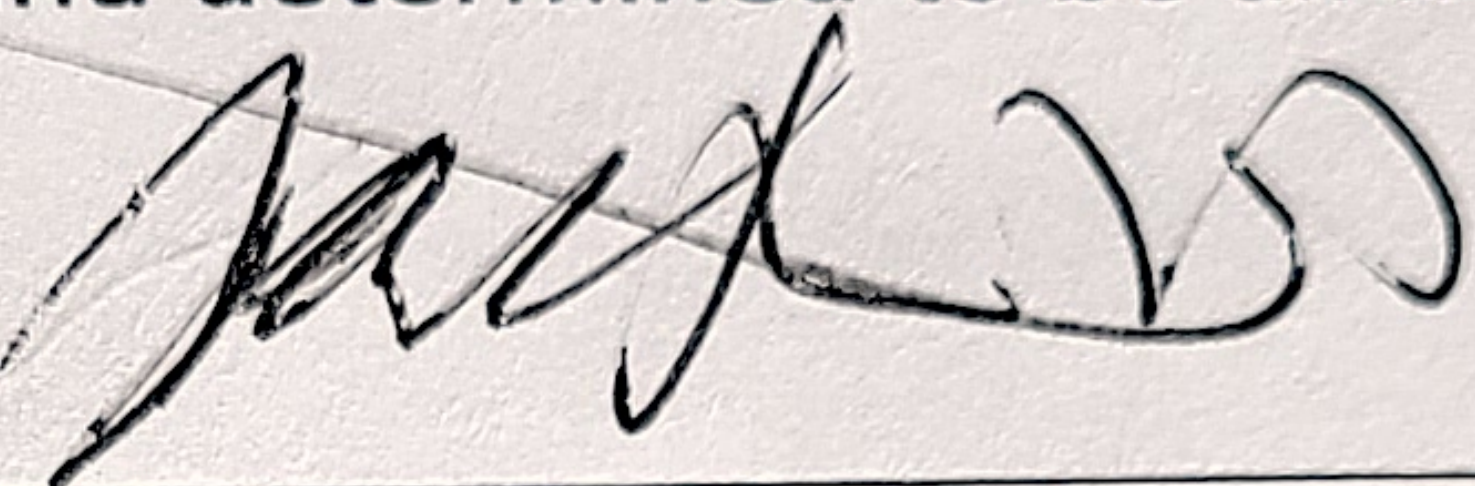
return to service. Pertinent details on file at this agency under work order no. 37999.

ZS Torrance George

3/5/2024 Hobbs: 1009.5 Engine TTSN: 1697.6 TTSMOH: 1359.8 S/N 685878 N171VT

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Zack Morrison



A&P2887425

Engine N171VT **Maintenance**

TCM IO-550-N (7)

16 Aug 24

Serial No: 685878

Hobbs: 1023.9

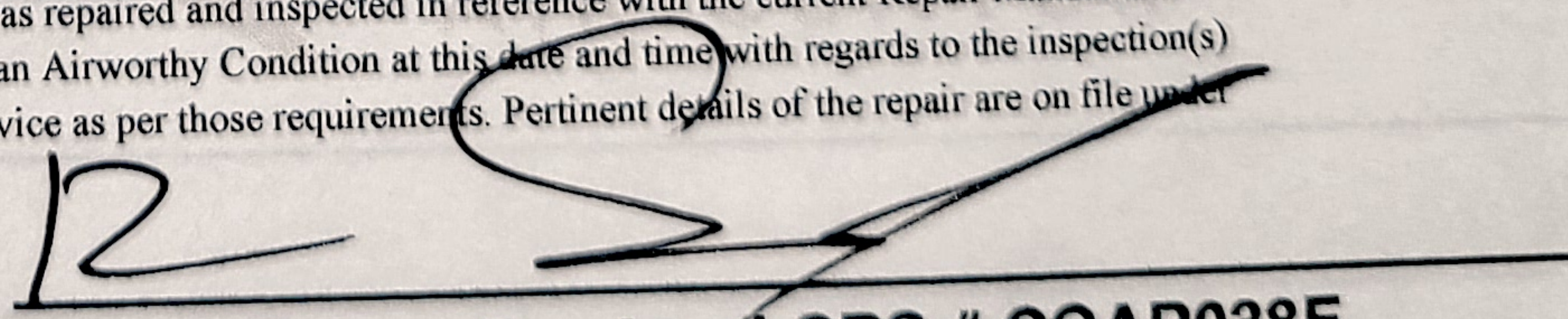
Maintenance Entries:

- Performed cylinder compression check per Standard Practice Maintenance Manual - Spark Ignited Engines M-0. Compressions are as follows: cyl #1 70/80, cyl #2 75/80, cyl #3 66/80, cyl #4 62/80, cyl #5 73/80, cyl #6 68/80 MO: 48.
- Took Blackstone oil sample and sent for analysis. Removed and replaced oil filter with new PN: CH48109-1, safetied and torqued to spec. Replenished with 1 qt of Aeroshell 15W50. Work is in reference to the Cirrus AMM and TCM M-0.



I certify the airframe, engine, and/or component identified was repaired and inspected in reference with the current Repair Manual and the Federal Aviation Regulations, and was determined to be in an Airworthy Condition at this date and time with regards to the inspection(s) and/or maintenance performed, and is approved for return to service as per those requirements. Pertinent details of the repair are on file under

Work Order: #WO13142



Ruben Sandoval CRS # COAR038E

SAN DIEGO, CA – COAST AVIATION SERVICES – (858) 800-3878

TACH OR
RECORDING
METER
TIME

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

Engine
N171VT

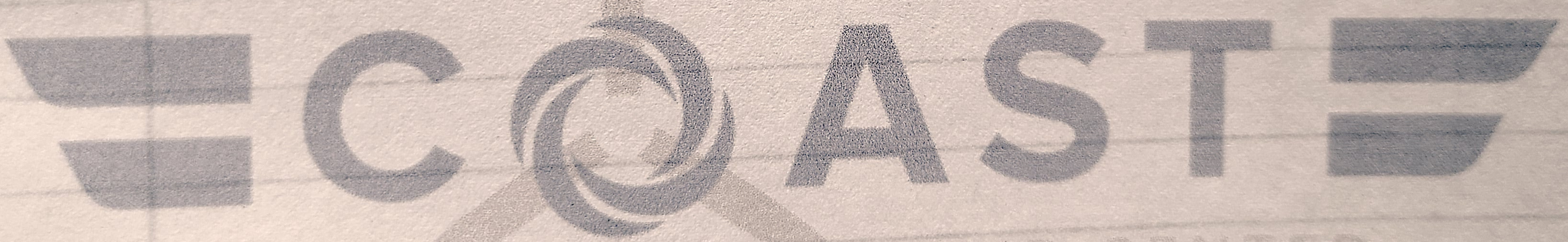
Maintenance

TCM IO-550-N (7)
Serial No: 685878

14 Jan 25
Hobbs: 1024.3

Maintenance Entries:

- Removed exhaust assembly and sent out heat exchanger/midpipe for repair. Repaired Exhaust assembly re-installed with new exhaust gaskets (P/N 652458). Adjusted exhaust ball joints to spec. Associated hardware torqued to spec. Work performed with reference to Cirrus AMM and TCM M-0
- Removed and replaced heat shield (P/N 14785-001). Work performed with reference to Cirrus AMM



I certify the airframe, engine, and/or component identified was repaired and inspected in reference with the current Repair Manual and the Federal Aviation Regulations, and was determined to be in an Airworthy Condition at this date and time with regards to the inspection(s) and/or maintenance performed, and is approved for return to service as per those requirements. Pertinent details of the repair are on file under

Work Order: #WO13253

Ruben Sandoval CRS # COAR038E

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