

13005:1730 TSN 1730 TT1730
Drained oil. R&R oil filter AA48108-2, cut filter no contaminants found.
Serviced with 7 Qts Aeroshell W100. Compression check #1-72/80, #2-72/80, #3-73/80, #4-74/80, #5-74/80, #6-74/80.
Cleaned, gapped and rotated plugs. Checked mag to engine timing.
I certify I have inspected this engine IAW Continental MM. 100
Hr./annual inspection requirements and found to be in airworthy condition.
All AD's are current as of this time.
Return to service.
Z 2 in
Tim Sipp IA 3071998

Maintenance Record

tives, Special Inspections,

Model: Cirrus SR20
S/N: 1111
Reg No. N213CD

Aeromechanics
2450 MONTECITO RD RNM/MIF-CA

MAR 11, 2019
W/O: 8228
Hobbs: 1773.0

Drained oil, took routine sample for analysis. Cut open oil filter: Clean. Installed new Tempes oil filter P/N: AA48108-1 and serviced with 7 qts of Aeroshell 15W-50 oil. Cleaned, inspected, and serviced lower spark plugs. Ground run and leak check satisfactory.

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service on this date. Pertinent details are on file at this agency.

Francisco Jimenez AP3230538IA

Model: Cirrus SR20
S/N: 1111
Reg No. N213CD

Aeromechani

March 13, 2019
W/O: 8231
Hobbs: 1781.8

Installed new alternator P/N: ES-4024LP S/N: H-S100269. Removed center console panels for access to convenience power circuit card and switched headset power from position 3 (9v) to position 2 (17V). Aircraft run-up, check light and systems checks all satisfactory.

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service on this date. Pertinent details are on file at this agency.

Francisco Jimenez AP3230538IA

Model: Cirrus SR20
S/N: 1111
Reg No: N213CD
AFTT: 1928.0

Aeromechanics

NOV 01, 2019
W/O # 8365
Hobbs: 1928.0
TSNEW: 1928.0
TSNEWP: 1928.0

I certify this Aircraft Engine Propeller has been inspected in accordance with an Annual Inspection and was determined to be in an airworthy condition on this date. Differential compression test: #1 72/80 #2 74/80 #3 72/80 #4 76/80 #5 70/80 #6 73/80. Cylinder borescope inspection performed I.A.W. TCM SB03-03, visual inspection revealed normal indications for in-service cylinders. Drained oil, took routine oil sample for analysis. Cut open oil filter: some carbon found. Installed new Tempest oil filter P/N: AA48108 and serviced engine with 7QTS of Phillips 20W-50 oil. Cleaned, inspected, and serviced all spark plugs. Checked magneto timing. Cleaned, inspected, and serviced gasolator & screen. Cleaned, inspected, and serviced battery. Lubricated engine controls and checked for freedom of movement. Replaced engine induction air filter with new Brackett filter P/N: BA-24. Inspected airframe and systems I.A.W. Cirrus SR20 service and periodic inspection checklists. Cleaned, inspected, and serviced all wheel bearings. Lubricated all airframe and systems per Cirrus lubrication chart. C/W AD 2008-11-18 by pressurization of exhaust system, found satisfactory at this time. Next test due at hobbys: 2028.0. CAPS rocket/parachute replacement due: 12/15/2020. Performed functional test of ELT as per FAR 91.207(d) and found satisfactory at this time, test next due: 11/2020. ELT batteries due: 03/2023. Ground run and check flight satisfactory.

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service on this date. Pertinent details are on file at this agency.

Francisco Jimenez AP32305381A

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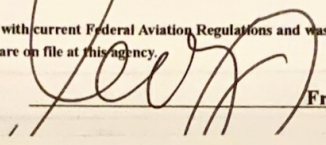
MODEL: CIRRUS SR20
S/N: 1111
REG NO: N213CD
AFTT: 2066.8

Aeromechani
2450 MONTECITO RD RNMAIF - CA

DEC 03, 2020
W/O: 8588
HOBBS: 2066.8
TSNEW: 2066.8
TSNEWP: 2066.8

I certify this Aircraft Engine Propeller has been inspected in accordance with an Annual Inspection and was determined to be in an airworthy condition on this date. Differential compression test: #1 70/80 #2 72/80 #3 68/80 #4 70/80 #5 72/80 #6 71/80. Cylinder borescope inspection performed L.A.W. TCM SB03-03, visual inspection revealed normal indications for in-service cylinders. Drained oil, took routine oil sample for analysis. Cut open oil filter: some carbon found. Installed new Tempest oil filter P/N: AA48108 and serviced engine with 7QTS of Phillips 20W-50 oil. Cleaned, inspected, and serviced all spark plugs. Checked magneto timing. Cleaned, inspected, and serviced battery. Lubricated engine controls and checked for freedom of movement. Replaced LH main tube and tire with new AirHawk 15/6.00-6 tire and Aeroclassic 15/6.00-6 tube. Replaced engine induction air filter with new Brackett filter P/N: BA-24. Inspected airframe and systems L.A.W. Cirrus SR20 service and periodic inspection checklists. Lubricated all airframe and systems per Cirrus lubrication chart. Performed functional test of ELT as per FAR 91.207(d) and found satisfactory at this time, test next due: 12/2021. ELT batteries due: 03/2023. C/W AD2008-11-18 by pressurization of exhaust system, found satisfactory at this time, next test due at hobbs: 2166.8. CAPS rocket/parachute replacement due: 12/15/2020. Ground run and leak check satisfactory.

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service on this date. Pertinent details are on file at this agency.



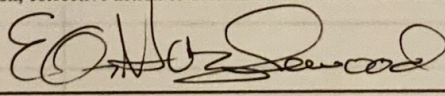
Francisco Jimenez AP32305381A

Reg: N213CD	ENGINE LOG	Date: 02-23-2023
Make: Lycoming	Southern Cal Aircraft	Tach: none
Model: IO360-ES	1880 Joe Crosson Drive	TSMOH:
Ser No: 357268	El Cajon, Ca. 92020	Hobbs: 2409.2
	619-448-5010	

Changed oil and filter, old oil filter was cut open for inspection, no metal noted. Engine serviced with 7qts, Phillips Victory 100AW. Ran engine and no leaks noted.

Except as stated above, no other work, inspection, corrective action or determination of airworthiness was made at this time.

Edward Q Hazlewood
A&P 1655569
Insp Auth



02-23-2023

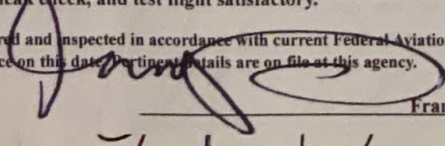
MODEL: CIRRUS SR20
S/N: 1111
REG NO: N213CD
AFTT: 2499.1

Aeromechani
2450 MONTECITO RD RNMAIF - CA

JUNE 22, 2023
W/O: R-9187
HOBBS: 2499.1
TSNEW: 2499.1
TSNEWP: 0000.0

I certify this Aircraft Engine Propeller has been inspected in accordance with an Annual Inspection and was determined to be in an airworthy condition on this date. Differential compression test: #1 70/80, #2 70/80, #3 71/80, #4 71/80, #5 79/80, #6 71/80. A routine cylinder borescope inspection was performed L.A.W. TCM SB03-03, no anomalies noted. Drained oil and took routine sample for analysis. Cut open oil filter: some carbon found. Installed new Tempest oil filter P/N: AA48108, and serviced engine with 7QTS of Phillips 20W-50XC oil. Cleaned, inspected, and serviced all spark plugs. Checked and adjusted magneto timing. Installed new MT propeller L.A.W. STC#: SA03303CH; P/N: MTV-12-D/188-59B, S/N: 221524. See form 337 on file with this agency. Updated W&B to reflect these changes. Replaced propeller bearing on throttle quadrant P/N: 14929-001. Installed new alternator belt with new belt P/N: 53034-001. Repaired alt #1 field wire. Replaced engine induction air filter with new Brackett air filter P/N: BA-24. Replaced LH inner cylinder baffle support (#6) with new support P/N: 641341. Cleaned, inspected, and serviced all wheel bearings. Checked and adjusted nose steering tension. Replaced both caliper o-rings with new o-rings P/N: M83461/1-224. Replaced all brake linings with new Rapco linings P/N: RA066-14100. Replaced ALT #2 function control module with new Lamar module P/N: FM02-1, S/N: R94607. Performed dynamic prop balance; Starting IPS: 0.25 @ 050; Ending IPS 0.02 @ 023. Added 14.2 grams at 150 deg. from #1 blade. Lubricated engine controls and checked for freedom of movement. Inspected airframe and systems L.A.W. Cirrus SR20 service and periodic inspection checklists. Lubricated all airframe and systems per Cirrus lubrication chart. Performed functional test of ELT as per FAR 91.207(d) and found satisfactory at this time, test next due: 06/2024. ELT batteries due: 03/2026. C/W AD 2008-11-18 by pressurization of exhaust system, found satisfactory at this time, next test due at hobbs: 2599.1. C/W AD 2006-21-03 Brake caliper piston o-ring seal inspection due at: black center of sticker. Ground run, leak check, and test flight satisfactory.

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service on this date. Pertinent details are on file at this agency.



Francisco Jimenez AP32305381A

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					<u>OUT of sequence</u>

MODEL: CIRRUS SR20
S/N: 1111
REG NO: N213CD
AFTT: 2213.1

Aeromechanix

2450 MONTECITO RD RANMAYF - CA

APRIL 12, 2022
W/O: R-8890
HOBBS: 2213.1
TSNEW: 2213.1
TSNEWP: 2213.1

I certify this Aircraft Engine Propeller has been inspected in accordance with an Annual Inspection and was determined to be in an airworthy condition on this date. Differential compression test: #1 74/80 #2 75/80 #3 74/80 #4 70/80 #5 76/80 #6 72/80. A routine cylinder borescope inspection was performed I.A.W. TCM SB03-03, no anomalies noted. Drained oil and took routine sample for analysis. Inspected oil filter media for metal- non found. Installed oil filter p.n AA48108 and serviced engine with 7QTS of Phillips 20W-50XC oil. Cleaned, inspected, and serviced all spark plugs. Replaced one spark plug with new p.n REM38E. Checked and adjusted magneto timing. Replaced Lh/Rh brake discs/ linings p.n RA164-24400/ RA066-14100. Replaced Lh/Rh brake caliper o-rings with new after brake rotor and lining brake-in procedures. Replaced RH tube and tire AirHawk 15/6.00-6 tire + Goodyear 15/6.00-6 tube. Replaced nose tube and tire with AirHawk 5.00-5 tire + Aeroclassic 5.00-5 tube. Installed new ships battery Concorde p.n RG24-15M s.n 41205203. Replaced induction air filter p.n BA-24. Replaced fuel manifold bracket with new p.n 646507. Replaced Lh/Rh door struts + grommets. Replaced all NLG suspension pucks, bushings, and hardware as required. Lubricated engine controls and checked for freedom of movement. Inspected airframe and systems I.A.W. Cirrus SR20 service and periodic inspection checklists. Lubricated all airframe and systems per Cirrus lubrication chart. Performed functional test of ELT as per FAR 91.207(d) and found satisfactory at this time, next test due: 04/2023. ELT batteries due: 03/2023. C/W AD2008-11-18 by pressurization of exhaust system, found satisfactory at this time, next test due at hobbs: 2313.1. C/W AD2006-21-03 Brake caliper piston o-ring seal by replacement, next due at hobbs: 2313.1 or 04/2023 whichever occurs first. Ground run and leak check satisfactory.

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service on this date. Pertinent details are on file at this agency.

Francisco Jimenez AP3230538IA

OUT of sequence

MODEL: CIRRUS SR20
S/N: 1111
REG NO: N213CD

Aeromechanix

2450 MONTECITO RD RANMAYF - CA

OCT 15, 2021
W/O: R8845
Hobbs: 2180.3

Drained oil, took routine sample for analysis. Cut open oil filter: Clean. Installed new Tempest oil filter P/N: AA48108-1 and serviced with 7qts of Phillips 20W-50 oil. Cleaned, inspected, and serviced lower spark plugs. Serviced ships main battery. Ground run and leak check satisfactory.

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service on this date. Pertinent details are on file at this agency.

Francisco Jimenez AP3230538

Reg: N213CD a/f s/n 1111.0

ENGINE LOG

Date: 10-23-2023

Make: Continental

Southern Cal Aircraft

Tach: None

Model: IO 360-ES

1880 Joe Crosson Drive

TSMOH:

Ser. No. 357268

El Cajon, Ca. 92020

Hobbs: 2598.2

619-448-5010

Changed oil and oil filter, old oil filter was cut open for inspection, no metal detected. Engine was serviced with Phillips Victory 100AW.

Found an oil leak at the air-oil separator. Removed separator and found a hole in the bottom of the separator housing. No Replacement was located, Cirrus does not make this part any more. Patched hole with epoxy sealant, installed separator. Solvent washed engine and cleaned belly of aircraft. Engine was run for leak check. No leaks noted.

C/W AD 2008-06-02 exhaust heat exchanger inspection, of exhaust sys. IAW Cirrus SB 2X-78-07 R1. Ran engine IAW AD and found no discrepancy. Re inspect in 100 Hrs.

Except as stated above, no other work, inspection, corrective action or determination of airworthiness was made at this time.

Edward Q Hazlewood
A&P 1655569
Insp. Auth.

Date: 10-23-2023

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 →

MODEL: CIRRUS SR20
S/N: 1111
REG NO: N213CD

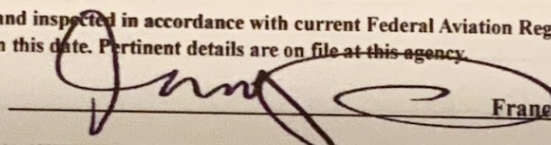
AeromechaniX

2450 MONTECITO RD RNMMYF - CA

DEC 28, 2023
W/O: R-9299
HOBBS: 2617.2

Adjusted low/high fuel flow to engine specifications. Replaced LH magneto gasket. Checked and adjusted magneto timing on both magnetos. Cleaned, inspected, serviced all spark plugs. Replaced 7 spark plugs with serviceable spark plugs. Adjusted engine idle speed. Adjusted high propeller RPM setting to 2700 RPM. Fabricated new LH fuel drain hard line from cylinders to outside drain. Ground run, leak check, and test flight satisfactory.

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service on this date. Pertinent details are on file at this agency.



Francisco Jimenez AP3230538

MODEL: CIRRUS SR20
S/N: 1111
REG NO: N213CD

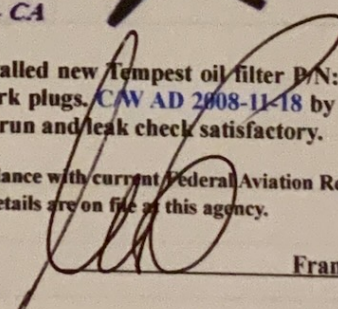
AeromechaniX

2450 MONTECITO RD RNMMYF - CA

MAR 18, 2024
W/O: R-9323
HOBBS: 2657.0

Drained oil, took routine sample for analysis. Cut open oil filter: Clean. Installed new Tempest oil filter P/N: AA48108-1 and serviced with 7QTS of Phillips 20W-50 oil. Cleaned, inspected, and serviced lower spark plugs. C/W AD 2008-11-18 by pressurization of exhaust system, found satisfactory at this time, next test due at hobbs: 2757.0. Ground run and leak check satisfactory.

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service on this date. Pertinent details are on file at this agency.



Francisco Jimenez AP3230538