

N552PG

ENGINE LOG BOOK



PROPELLER

Service Information

Consult the Continental Motors web site at continentalmotors.aero for engine related news or announcements. Continental Motors Internet Service contains useful information for Continental Motors engine owners, including electronic versions of the most current engine Instructions for Continued Airworthiness and service documents that may be pertinent to your engine model.

If Internet access is not available, contact our Customer Service Department at:
1-888-826-5465 Toll free in the United States or
1-251-436-8299 International

Engine Returns

Return engines for core credit with this log book to:

Continental Motors, Inc.
2039 Broad Street
Mobile, AL 36615 USA

Return engines for overhaul with this log book to:

Continental Motors, Inc.
Factory Service Center
8600 County Road 32
Fairhope, Alabama 36532 USA

**USE ONLY FUEL SPECIFIED IN OPERATOR'S
MANUAL OR TYPE CERTIFICATE DATA SHEET
USE OF AUTOMOTIVE FUEL IS PROHIBITED**



Continental Motors

FAA PRODUCTION CERTIFICATE NO. 508

Printed: 03/24/2015

Test Date: 03/23/2015

This engine model I0360ES21B, serial number 1011929 was rebuilt by Continental Motors Inc, in accordance with approved design data and the applicable requirements of 14 CFR, Part 21 and 43 of the Federal Aviation Regulation. The approved design data for this engine incorporates all changes required by applicable Airworthiness Directives and Continental Motors Service Bulletins.

Thomas Howard
CONTINENTAL MOTORS, INC.

Form 6012-04 (Rev Sept 2014)

Total Time	Time Since Last Overhaul	Engine Service and Maintenance Record
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Air 88 Inc. dba CROWNAIR
 FAA Approved Repair Station #CWNR273K
 3753 John J. Montgomery Dr.
 San Diego, CA 92123

Continental Engine
 N552PG
 4-23-15

IO-360-ES21B
 Cirrus Design SR20
 Hobbs: 2132.0 Hrs

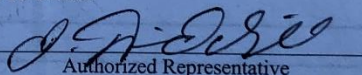
S/N: 1011929
 S/N: 2007
 Flight Hour Meter: 1870.8 Hrs
 TSREB: 0.0 Hrs

Maintenance performed:

- Installed customer supplied rebuilt Continental Motors engine I/A/W Cirrus SR20 AMM. Serviced engine with 8 Qts of Aeroshell 100 mineral oil and installed new CH48108-1 oil filter. Performed ground run break-in procedures and leak checks good.
- Replaced all engine isolator mounts with new P/N 15526-002 I/A/W Cirrus SR20 AMM.
- Removed McCauley prop governor P/N C290D3R/T23, S/N 071675 and sent out for overhaul. Reinstalled prop governor, same P/N & S/N after overhaul by Truespeed Aero Governors Inc. Operations and leak checks good. Work done I/A/W Cirrus SR20 AMM.
- Stop drilled cracks on L/H and R/H engine baffles and fabricated patches from stock aluminum and installed.
- Replaced induction air filter element with new P/N BA-24.
- TCM CSB08-3C, Para. III, Instructions for Continued Airworthiness - Inspection of stainless steel throttle and mixture control levers. P/C/W by Continental Motors at engine build.

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

I certify that only the work requested by the owner/operator and listed above was repaired and inspected in accordance with current Federal Aviation Regulations and was found to be airworthy for return to service. Details of the repair are on file at this agency under Work Order No. PA-15-07068.


 Authorized Representative

Air 88 Inc. dba CROWNAIR
 FAA Approved Repair Station #CWNR273K
 3753 John J. Montgomery Dr.
 San Diego, CA 92123

TCM Engine
 N552PG
 5-22-15

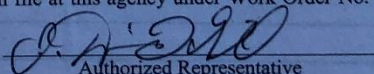
IO-360-ES21B
 Cirrus Design SR20
 Hobbs: 2162.4 Hrs

S/N: 1011929
 S/N: 2007
 Flight Hour Meter: 1892.3 Hrs

Maintenance performed:

- Changed oil and filter. Serviced with 8 qts Aeroshell 100W oil and installed new CH48108-1 filter. Ground run leak check good.

I certify that with respect to the work performed this engine was repaired and inspected in accordance with current FAA regulations. Only those items specified in the work order have been inspected and found to be airworthy and returned to service. Details of the repair are on file at this agency under Work Order No. PA-15-07146.


 Authorized Representative

PROPELLER

Total Time	Time Since Last Overhaul	Engine Service and Maintenance Record
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Air 88 Inc. dba CROWNAIR
 FAA Approved Repair Station #CWNR273K
 3753 John J. Montgomery Dr.
 San Diego, CA 92123

TCM Engine
 N552PG
 7-14-15

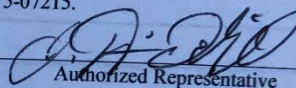
IO-360-ES21B
 Cirrus Design SR20
 Hobbs: 2225.2 Hrs

S/N: 1011929
 S/N: 2007
 Flight Hour Meter: 1939.5 Hrs

Maintenance performed:

- Changed oil and filter. Serviced with 8 Qts Aeroshell 100W oil and installed new oil filter P/N CH48108-1. Torqued and safetied oil filter. Ground run leak check good.
- Took oil sample and sent in for analysis.
- Customer reports prop RPM at 2600 RPM. Visually inspected propeller control and found propeller control cable clamp installed backwards. Reinstalled clamp and operationally checked engine RPM. Static RPM steadied at 2640 RPM indicated. Verified RPM using a True Tach Gauge.
- Adjusted idle RPM as required. Ops checked good.
- Tightened loose throttle control cable nut/bolt and re-cotter pinned. Ops checked throttle control, no defects noted.

I certify that with respect to the work performed this engine was repaired and inspected in accordance with current FAA regulations. Only those items specified in the work order have been inspected and found to be airworthy and returned to service. Details of the repair are on file at this agency under Work Order No. PA-15-07215.


 Authorized Representative

Air 88 Inc. dba CROWNAIR
 FAA Approved Repair Station #CWNR273K
 3753 John J. Montgomery Dr.
 San Diego, CA 92123

Continental Engine
 N552PG
 8-13-15

IO-360-ES21B
 Cirrus Design SR20
 Hobbs: 2264.6 Hrs

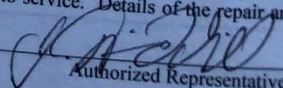
S/N: 1011929
 S/N: 2007
 Flight Hour Meter: 1967.1 Hrs
 TSREB: 96.3 Hrs

Maintenance performed:

- Complied with **100 Hour inspection** using Crownaire Aviation Annual/100 Hour Inspection Checklist, Form CA 105.
- Changed oil and filter. Serviced with Aeroshell 100W oil and installed new CH48108-1 oil filter.
- Cut open old oil filter and inspected with no metal contamination found.
- Took oil sample and sent in for analysis.
- Complied with **TCM SB03-3** by performing compression test, results are as follows: #1. 76/80 #2. 76/80 #3. 78/80 #4. 76/80 #5. 72/80 #6. 78/80. Complied with borescope inspection and no defects noted. Due at each 100 Hrs, annual inspection or when cylinder problems are suspected.
- Complied with **TCM CSB08-3C**, Para. III, Instructions for Continued Airworthiness, by inspection of stainless steel throttle and mixture control levers and no defects noted at this time. Due every 100 Hrs or annual inspection. Due again @ 2067.1 Hrs Flight Hour Meter or August 2016.
- Replaced induction air filter element with new P/N BA-24.
- Adjusted left and right mag timing to 24 degrees BTDC per TCM MM.

I certify that this engine has been inspected in accordance with a **100 Hour inspection** and was determined to be in airworthy condition.

I certify that only the work requested by the owner/operator and listed above was repaired and inspected in accordance with current Federal Aviation Regulations and was found to be airworthy for return to service. Details of the repair are on file at this agency under Work Order No. PA-15-07272.


 Authorized Representative

Total Time

Time Since Last
Overhaul**Engine Service and Maintenance Record**

Air 88 Inc. dba CROWNAIR
FAA Approved Repair Station #CWNR273K
3753 John J. Montgomery Dr.
San Diego, CA 92123

TCM Engine
N552PG
8-18-15

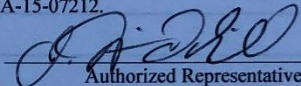
IO-360-ES21B
Cirrus Design SR20
Hobbs: 2274.2 Hrs

S/N: 1011929
S/N: 2007
Flight Hour Meter: 1974.2 Hrs

Maintenance performed:

- Removed and replaced inop #2 cylinder EGT probe with new P/N 16579-002. Applied Stabilant to the connector of the #2 EGT probe and re-wrapped connector with protective sheath. Operationally checked #2 EGT probe and performance normal, as well as the rest of EGT probes.

I certify that with respect to the work performed this **engine** was repaired and inspected in accordance with current FAA regulations. Only those items specified in the work order have been inspected and found to be airworthy and returned to service. Details of the repair are on file at this agency under Work Order No. PA-15-07212.


Authorized Representative

Air 88 Inc. dba CROWNAIR
FAA Approved Repair Station #CWNR273K
3753 John J. Montgomery Dr.
San Diego, CA 92123

TCM Engine
N552PG
9-14-15

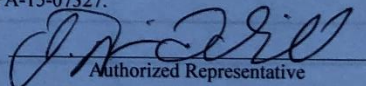
IO-360-ES21B
Cirrus Design SR20
Hobbs: 2340.0 Hrs

S/N: 1011929
S/N: 2007
Flight Hour Meter: 2021.3 Hrs

Maintenance performed:

- Changed oil and filter. Serviced with 8 Qts Aeroshell 100W oil and installed new oil filter P/N CH48108-1.
- Took oil sample and sent in for analysis.

I certify that with respect to the work performed this **engine** was repaired and inspected in accordance with current FAA regulations. Only those items specified in the work order have been inspected and found to be airworthy and returned to service. Details of the repair are on file at this agency under Work Order No. PA-15-07327.


Authorized Representative

Total Time

Time Since Last
Overhaul**Engine Service and Maintenance Record**

Air 88 Inc. dba CROWNAIR
 FAA Approved Repair Station #CWNR273K
 3753 John J. Montgomery Dr.
 San Diego, CA 92123

Continental Engine
 N552PG
 11-03-15

IO-360-ES21B
 Cirrus Design SR20
 Hobbs: 2401.4 Hrs

S/N: 1011929
 S/N: 2007
 Flight Hour Meter: 2067.1 Hrs
 TSREB: ~~197.1~~ Hrs
 196.3 MT

Maintenance performed:

- Complied with 100 Hour inspection using Crownair Aviation Annual/100 Hour Inspection Checklist, Form CA 105.
- Changed oil and filter. Serviced with Aeroshell 100W oil and installed new CH48108-1 oil filter.
- Cut open old oil filter and inspected with no metal contamination found.
- Took oil sample and sent in for analysis.
- Complied with TCM SB03-3 by performing compression test, results are as follows: #1. 73/80 #2. 74/80 #3. 75/80 #4. 74/80 #5. 60/80 #6. 76/80. Complied with borescope inspection and no defects noted. Due at each 100 Hrs, annual inspection or when cylinder problems are suspected.
- Complied with TCM CSB08-3C, Para. III, by inspection of stainless steel throttle and mixture control levers and no defects noted at this time. Due every 100 Hrs or annual inspection. Due again @ 2167.1 Hrs Flight Hour Meter or November 2016.
- Fuel drain line on #2 & #3 cylinders chafing against baffle retainer wire. Applied RTV on area to prevent chafing.

I certify that this engine has been inspected in accordance with a 100 Hour inspection and was determined to be in airworthy condition.

I certify that only the work requested by the owner/operator and listed above was repaired and inspected in accordance with current Federal Aviation Regulations and was found to be airworthy for return to service. Details of the repair are on file at this agency under Work Order No. PA-15-07408.

[Signature]
 Authorized Representative

Air 88 Inc. dba CROWNAIR
 FAA Approved Repair Station #CWNR273K
 3753 John J. Montgomery Dr.
 San Diego, CA 92123

TCM Engine
 N552PG
 12-23-15

IO-360-ES21B
 Cirrus Design SR20
 Hobbs: 2469.0 Hrs

S/N: 1011929
 S/N: 2007
 Flight Hour Meter: 2116.3 Hrs

Maintenance performed:

- Changed oil and filter. Serviced with Aeroshell W100 oil and installed new oil filter P/N CH48108-1.
- Took oil sample and sent in for analysis.

I certify that with respect to the work performed this engine was repaired and inspected in accordance with current FAA regulations. Only those items specified in the work order have been inspected and found to be airworthy and returned to service. Details of the repair are on file at this agency under Work Order No. PA-15-07476.

[Signature]
 Authorized Representative

Total Time

Time Since Last
Overhaul**Engine Service and Maintenance Record**

Air 88 Inc. dba CROWNPAIR
FAA Approved Repair Station #CWNR273K
3753 John J. Montgomery Dr.
San Diego, CA 92123

Continental Engine
N552PG
3-04-16

IO-360-ES21B
Cirrus Design SR20
Hobbs: 2539.4 Hrs

S/N: 1011929
S/N: 2007
Flight Hour Meter: 2165.8 Hrs
TSREB: 295.8 Hrs

Maintenance performed:

- Complied with **100 Hour inspection** using Crownair Aviation Annual/100 Hour Inspection Checklist, Form CA 105.
- Changed oil and filter. Serviced with 8 Qts of Aeroshell W100 oil and installed new CH48108-1 oil filter. Washed engine.
- Cut open old oil filter and inspected with no metal contamination found.
- Took oil sample and sent in for analysis.
- Replaced induction air filter element with new P/N BA-24.
- Complied with **TCM SB03-3** Cylinder differential pressure test and borescope inspection, no defects noted. Due at each 100 Hrs, annual inspection or when cylinder problems are suspected. Due again @ 2265.8 Hrs Flight Hour Meter or March 2017. Compression test results are as follows: #1. 76/80 #2. 74/80 #3. 76/80 #4. 74/80 #5. 68/80 #6. 76/80.
- Complied with **TCM CSB08-3C**, Para. III, by inspection of stainless steel throttle and mixture control levers and no defects noted at this time. Due every 100 Hrs or annual inspection. Due again @ 2265.8 Hrs Flight Hour Meter or March 2017.
- Removed cracked #4 exhaust stack, sent to Custom Aircraft Parts for repair and reinstalled using new gaskets P/N 50889-001 and new bolt P/N AN4C-32. Torqued stack nuts to 210 in/lbs and safetied. Leak and Ops checks good.
- Removed and reinstalled L/H muffler frame tube after repair by Custom Aircraft Parts. Resafetied hardware, leak and Ops checks good.
- Replaced L/H & R/H muffler to engine mount bonding straps with new P/N MS25083-6BB6.
- Removed R/H mag, replaced worn points with new P/N 10-382585 and installed new gasket P/N 649954. Reinstalled mag and set timing. Ops checks good.

I certify that this **engine** has been inspected in accordance with a **100 Hour inspection** and was determined to be in airworthy condition.

I certify that only the work requested by the owner/operator and listed above was repaired and inspected in accordance with current Federal Aviation Regulations and was found to be airworthy for return to service. Details of the repair are on file at this agency under Work Order No. PA-16-07535.


Authorized Representative

Date		Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record
		Hours	Min	Hours	Min	
Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins						

Air 88 Inc. dba CROWNAIR
FAA Approved Repair Station #CWNR273K
3753 John J. Montgomery Dr.
San Diego, CA 92123

Continental Engine
N552PG
4-21-16

IO-360-ES21B
Cirrus Design SR20
Hobbs: 2596.1 Hrs

S/N: 1011929
S/N: 2007
Flight Hour Meter: 2206.6 Hrs
TSREB: ~~336.6~~ 335.8 Hrs *MT*

Maintenance performed:

- Complied with **Annual Inspection** using Crownair Aviation Annual/100 Hour Inspection Checklist, Form CA 105.
- Changed oil and filter. Serviced with 8 Qts of Aeroshell 100W oil and installed new CH48108-1 oil filter.
- Cut open old oil filter and inspected with no metal contamination found.
- Took oil sample and sent in for analysis.
- Complied with **TCM SB03-3** Cylinder differential pressure test and borescope inspection, no defects noted. Due at each 100 Hrs, annual inspection or when cylinder problems are suspected. Due again @ 2306.6 Hrs Flight Hour Meter or April 2017. Compression results are as follows: #1. 75/80 #2. 77/80 #3. 75/80 #4. 68/80 #5. 64/80 #6. 75/80.
- **TCM CSB08-3C, Para. III**, Instructions for Continued Airworthiness - Inspection of stainless steel throttle and mixture control levers. Checked torques at 100 in/lbs.
- #1, #2 & #3 bottom spark plugs failed resistance check, installed and torqued 3 new spark plugs P/N URHM38E.

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

I certify that only the work requested by the owner/operator and listed above was repaired and inspected in accordance with current Federal Aviation Regulations and was found to be airworthy for return to service. Details of the repair are on file at this agency under Work Order No. PA-16-07588.

[Signature]
Authorized Representative

Air 88 Inc. dba CROWNAIR
FAA Approved Repair Station #CWNR273K
3753 John J. Montgomery Dr.
San Diego, CA 92123

TCM Engine
N552PG
7-08-16

IO-360-ES21B
Cirrus Design SR20
Hobbs: 2669.8 Hrs

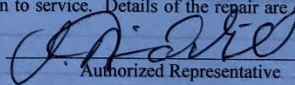
S/N: 1011929
S/N: 2007
Flight Hour Meter: 2258.4 Hrs

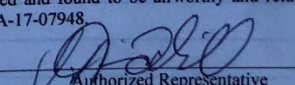
Maintenance performed:


- Changed oil and filter. Serviced with 8 Qts Aeroshell 100W oil and installed new oil filter P/N CH48108-1.
- Took oil sample and sent in for analysis.

I certify that with respect to the work performed this engine was repaired and inspected in accordance with current FAA regulations. Only those items specified in the work order have been inspected and found to be airworthy and returned to service. Details of the repair are on file at this agency under Work Order No. PA-16-07694.

[Signature]
Authorized Representative

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record
	Hours	Min	Hours	Min	
Carrier					Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
					<p align="center">Crownair Aviation FAA Approved Repair Station #CWNR273K 3753 John J. Montgomery Dr. San Diego, CA 92123</p> <p>Continental Engine N552PG 11-15-16</p> <p>IO-360-ES21B Cirrus Design SR20 Hobbs: 2740.8 Hrs</p> <p>S/N: 1011929 S/N: 2007 Flight Hour Meter: 2314.2 Hrs TSREB: 444.2 Hrs 443.4 MT</p> <p>Maintenance performed:</p> <ul style="list-style-type: none"> - Complied with 100 Hour inspection using Crownair Aviation Annual/100 Hour Inspection Checklist, Form CA 105. - Changed oil and filter. Serviced with 8 Qts of Aeroshell W100 oil and installed new CH48108-1 oil filter. - Cut open old oil filter and inspected with nothing abnormal found at this time. - Took oil sample and sent in for analysis. - Replaced induction air filter element with new P/N BA-24. - Complied with TCM SB03-3 Cylinder differential pressure test and borescope inspection, no defects noted. Due at each 100 Hrs, annual inspection or when cylinder problems are suspected. Due again @ 2414.2 Hrs Flight Hour Meter or November 2017. Compression test results are as follows: #1. 58/80 #2. 72/80 #3. 60/80 #4. 64/80 #5. 62/80 #6. 76/80. - Complied with TCM CSB08-3C, Para. III, Inspection of stainless steel throttle and mixture control levers. Inspection and torque check is good at this time. Due every 100 Hrs or annual inspection. Due again @ 2414.2 Hrs Flight Hour Meter or November 2017. - Complied with TCM SB95-7A Manifold valve cover inspection, no leaks noted at this time. Due at each scheduled maintenance interval or whenever fuel flow fluctuation is encountered. - Complied with TCM SB669 Continental Motors S-20, S-200 & S-1200 Series magneto distributor gear block inspection, checks good at this time. Due every 100 Hrs or annual inspection thereafter. Due again @ 2414.2 Hrs Flight Hour Meter or November 2017. - Replaced all worn spark plugs with 12 new P/N RHM38E. - R/H mag timing is off by 5 degrees. Re-timed R/H mag to 24 degrees, performed ground run, mag check is good. <p>I certify that this engine has been inspected in accordance with a 100 Hour inspection and was determined to be in airworthy condition.</p> <p>I certify that only the work requested by the owner/operator and listed above was repaired and inspected in accordance with current Federal Aviation Regulations and was found to be airworthy for return to service. Details of the repair are on file at this agency under Work Order No. PA-16-07807.</p> <p align="right"> Authorized Representative</p>

CROWNNAIR					
<p align="center">FAA Approved Repair Station #CWNR273K 3753 John J. Montgomery Dr. San Diego, CA 92123</p>					
TCM Engine N552PG 03-30-17		IO-360-ES21B Cirrus Design SR20 Hobbs: 2818.0 Hrs		S/N: 1011929 S/N: 2007 Flight Hour Meter: 2379.9 Hrs	
<p>Maintenance performed:</p> <ul style="list-style-type: none"> - Changed oil and filter. Serviced with Aeroshell W100 oil and installed new oil filter P/N CH48108-1. - Took oil sample and sent in for analysis. - Replaced broken left side baffle spring with new P/N 50217-001. - Replaced missing right side baffle retainer rod with new P/N 50218-001 and spring P/N 50217-001. <p>I certify that with respect to the work performed this engine was repaired and inspected in accordance with current FAA regulations. Only those items specified in the work order have been inspected and found to be airworthy and returned to service. Details of the repair are on file at this agency under Work Order No. PA-17-07948.</p> <p align="right"> Authorized Representative</p>					

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record
	Hours	Min	Hours	Min	
Carried forward					<p>Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins</p> <p style="text-align: right;">SAN DIEGO, CA</p> <p>SORBI AIRCRAFT MAINTENANCE</p>  <p>N552PG ENGINE: Continental IO-360-ES21B S/N: 1011929 DATE: 28 APR 2017 TACH: 2381.0 TSMO: 0544.0 HOBBS: 2824.0 510.2 MT</p> <p>ENGINE ENTRIES: Inspected engine in accordance with an annual inspection. Performed cylinder compression check: 1= 60/80 2= 75/80 3= 63/80 4= 64/80 5= 60/80 6= 74/80 Complied with TCM CSB08-3C. No discrepancies noted. Next due at tach: 2481.0 Complied with TCM SB669. No discrepancies noted at this time. Next due at 2481.0 Drained engine oil, replaced oil filter PN: CH48108-1. Engine serviced with 8 QTS. of Aeroshell 100W oil. Cleaned all fuel injectors. Replaced all valve cover gaskets PN: 632310. Treated corrosion on lower inboard flap skins.</p> <p>MAINTENANCE RELEASE: I certify that this engine has been inspected in accordance with an annual inspection and determined to be in an airworthy condition.</p> <p>SIGNED <u>HL</u> CERTIFICATE <u>AP 3564380 1A</u></p> <p>SORBI AIRCRAFT MAINTENANCE - 8690 AERO DRIVE, SUITE 115 - SAN DIEGO, CA 92123</p>

N552PG
HOBBS: 2879.6
FLIGHT: 2426.2
TSMOH: 555.4



CONTINENTAL
IO-360-ES21B
S/N 1011929
5/11/2018

1. PERFORM OPERATIONAL RUN AND CHECK.
2. PERFORM COMPRESSION TEST AS FOLLOWS: #1)60/80 #2)76/80 #3)64/80 #4)74/80 #5)64/80 #6)76/80.
3. REMOVE, CLEAN, INSPECT, GAP, TEST AND REINSTALL SPARKPLUGS.
4. DRAIN OIL AND TOOK SAMPLE. CUT FILTER OPEN, NO METAL FOUND. SERVICE ENGINE WITH 7 QTS AEROSHELL W100 AND INSTALL NEW FILTER.
5. INSTALL NEW INDUCTION AIR FILTER.
6. REPLACED O-RINGS ON THROUGH BOLT ATTACHING LH AND RH FORWARD ENGINE MOUNT BRACKETS. RUN UP AND LEAK CHECK GOOD.
7. CHECKED AND SET FUEL PRESSURES.


ALL WORK PERFORMED IAW CONTINENTAL AND CIRRUSS SR20 MAINTENANCE MANUAL. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100/ANNUAL HOUR INSPECTION AND HAS BEEN DETERMINED TO BE IN AN AIRWORTHY CONDONDITION.

MARK TORGERSON

Mark Torgerson

AP3207874

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record
	Hours	Min	Hours	Min	
Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins					

 Glendale Aero Services 6841 N. Glen Harbor Blvd Glendale, AZ 85307 623-414-4930	Registration: N552PG		ENGINE LOG
	Date: 7/10/2018	W/O: 6002439	
	Model: IO-360-ES	Flt Hobbs: 2427.8	
	S/N: 1011929		
Performed a pre-purchase evaluation of N552PG a 2008 Cirrus SR-20 s/n 2007 using SR2x Two Phase guide. Reference report dated 6/22/2018 for details. Forwarded all findings to owner / buyer. Cut and inspected filter for metal contamination, filter found normal. Installed new CH48108-1 filter, torqued and secured. Removed RH magneto p/n BL-500556-3 s/n D15AA246R. Removed LH magneto p/n BL-500556-3 s/n D15BA116R for 500-hour inspections . Installed LH magneto p/n BL-500556-3 s/n D17JA021R & RH magneto p/n BL-500556-3 s/n D17JA059R in factory rebuilt condition, reference FAA Form 8130-3 from Continental Motors, Inc. under work order 0000240053 dated 11/10/2017 for details. Installed magnetos with new flange gaskets and pressure gaskets. Timed to engine and set to specified limits and secured. MX performed IAW CMI IO-360 Series Manual M-7 Section 10-5. Compressions checked IAW CMI M-0 Sec. 6-4.11.2; 1-52, 2-75, 3-59, 4-75, 5-64, 6-72 / 80 (warm). Master orifice reading 43. Borescope inspection of all cylinders performed IAW Section 6-4.11.3, minor carbon deposits noted on exhaust valve seats to cylinders #1 & #3. All cylinders found to be serviceable at this time. Disconnected mixture control cable from fuel control. Removed and replaced rod end retaining washer with new and reconnected mixture cable as required. Secured with new locking hardware and verified full stop to stop operations. Removed and replaced 1 ea. spark plug in lower #1 cylinder with new Champion RHM38E spark plug. Post maintenance full power ground run-up performed with all indications and operations normal. No leaks were noted.			
SIGNATURE: James Butler		FAA AUTHORIZATION: 2833700 IA	

ENGINE MODEL:
ENGINE S/N:
REG. NO: 552PG
WORK ORDER:
1611-12-2018



Scanlon Aviation
451 Airport Road
Novato, CA 94945
Phone: 415-897-9787

DATE: 05 December, 2018
A/C TSN: 2438.7
ENG TT:
TSMOH:
HOBBS: 2438.7

Engine Entries

(1) Oil drained and Blackstone sample taken. removed filter, cut open, and no metal found. Installed new filter and safetied. Serviced engine with 7 Qts. Aeroshell W100 and 1. Pt Camguard. Ground ran aircraft and no leaks noted.

DATE: 05 December, 2018

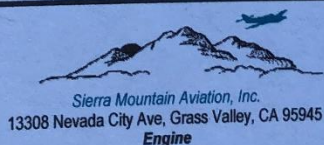
SIGNED:

Kenneth R Robbins, A&P: 3129824

Work Order: 1611-12-2018

Printed by EBIS 3 (datcomedia.com)

Registration N552PG
Make Cirrus
Model SR20
Serial # 2007



Date 05/07/2019
Engine T/T 626.8
SMOH N/A
Hobbs Time 2497.6
Work Order 22590


Performed an Annual Inspection service per SMA checklist
Performed a compression test, #1 71/80, #2 77/80, #3 77/80, #4 78/80, #5 71/80, #6 79/80

Borescoped cylinders, no defects noted
Serviced with 7 quarts 100W Aeroshell Oil
Replaced oil filter with new P.N. AA48108-2
Old oil filter inspection good, no contaminants found

Took oil sample for analysis
Added 11.2 oz. of Camguard
Installed 12 new RHM38E Spark Plugs
C/W 300 hour fuel injector cleaning


Replaced all rocker cover gaskets
All AD's current and up to date

I certify this engine has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition at this time and aircraft is returned for service

Signature: 
Daniel L. Grass A/P I.A.3577254
Sierra Mountain Aviation, Inc. 530.273.5273


Registration
Make
Model

N552PG
Cirrus
SR20



Sierra Mountain Aviation, Inc.
13308 Nevada City Ave, Grass Valley, CA 95945
Engine

Date 03/11/2020
FLT Hobbs 2597.8
Work Order 22739

Carried
Changed 7 quarts Aeroshell 100w oil and filter
Cut filter open, no metal found
Added Camguard
Took oil sample for analysis
Returned aircraft for service

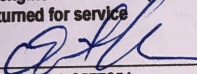
Signature: 
Evan Thibodeau A&P 3804678
Sierra Mountain Aviation, Inc. 530.273.5273

Registration N552PG
Make Cirrus
Model SR20
Serial # 2007



Sierra Mountain Aviation, Inc.
13308 Nevada City Ave, Grass Valley, CA 95945
Engine

Date 06/09/2020
Engine T/T 732.8
SMOH N/A
Hobbs Time 2603.6
Work Order 22787

Performed an Annual Inspection service per SMA checklist
Performed a compression test, #1 71/80, #2 76/80, #3 76/80, #4 75/80, #5 75/80, #6 77/80
Borescoped cylinders, no defects noted
Replaced oil pressure regulator gasket
Cleaned, gapped and rotated Spark Plugs
All AD's current and up to date
I certify this engine has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition at this time and aircraft is returned for service

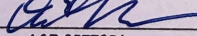
Signature: 
Daniel L. Grass A/P I.A.3577254
Sierra Mountain Aviation, Inc. 530.273.5273

Registration N552PG
Make CIRRUS
Model SR20



Sierra Mountain Aviation, Inc.
13308 Nevada City Ave, Grass Valley, CA 95945
Engine

Date 11/04/2020
Flight Time 2659.8
Hobbs time 3136.4
Work Order 22868

Serviced with 7 quarts 100W Aeroshell oil
Replaced oil filter with new P.N. AA48109-2
Old oil filter inspection good, no contaminants found
Took oil sample for analysis
Added Camguard
Returned aircraft for service


Signature: 
Daniel L. Grass A&P 3577254
Sierra Mountain Aviation, Inc. 530.273.5273

Registration N552PG
Make Cirrus
Model SR20


Sierra Mountain Aviation, Inc.
13308 Nevada City Ave, Grass Valley, CA 95945
Airframe

Date 08/22/2019
Hobbs 3032.7
FLT Hobbs 2560.6
Work Order 22661

Replaced #6 EGT probe with new probe P.N. 16579-002. OPS Check good
Returned aircraft for service

Signature: 
Daniel Lee Grass A&P 3577254
Sierra Mountain Aviation, Inc. 530.273.5273