

527CD

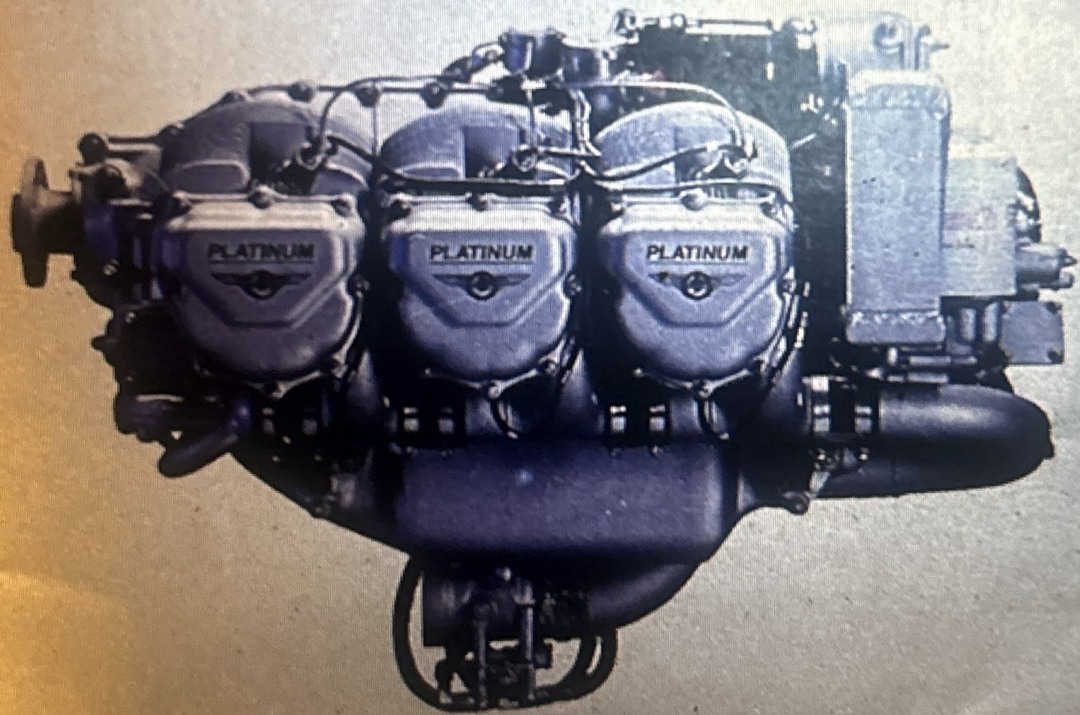
**PLATINUM**



**CONTINENTAL MOTORS**

527 CD

# PLATINUM ENGINE LOG BOOK



## CONTINENTAL MOTORS

| Date | Total Time |      | Time Since Last Overhaul |      | <b>Engine Service and Maintenance Record</b><br>Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins |
|------|------------|------|--------------------------|------|--|
|      | Hrs.       | Min. | Hrs.                     | Min. |  |

ENGINE MODEL 10550-N  
(27)  
ENGINE SN 917806  
REG. NO. 527CD  
WORK ORDER  
4982-10-2005

**Cirrus Design Factory Service Center**  
Repair Station No. YD5R855Y  
4515 Taylor Circle  
Duluth, MN 55811  
Phone: 218-788-3101

DATE 10/12/2005  
A/C TSN  
ENG. TT  
HOBBS 32.8

**Engine Entries**

(1) Changed engine oil and filter pin 50857-001, serviced engine with 8 quarts of 20W50 mineral oil. Cut apart old filter, inspected old filter and drain plug for abnormalities, none found. Test Run and Leak Check Performed. No Leaks Found. All work was accomplished I.A.W. Cirrus SR22 A.M.M. 12-20

I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repaired/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair are on file at this Certified Repair Station CRS YD5R855Y.

DATE: 10/12/2005

SIGNED: *Steve Wilhelms*  
Steve Wilhelms  
Certified Repair Station No. YD5R855Y

Work Order: 4982-10-2005  
Printed by EBIS 3 (datcomedia.com)

ENGINE MODEL 10550-N  
(27)  
ENGINE SN 917806  
REG. NO. 527CD  
WORK ORDER  
4968-10-2005

**Cirrus Design Factory Service Center**  
Repair Station No. YD5R855Y  
4515 Taylor Circle  
Duluth, MN 55811  
Phone: 218-788-3101

DATE 10/18/2005  
A/C TSN  
ENG. TT  
HOBBS 53

**Engine Entries**

(1) Changed engine oil and filter, Champion CH8106, pin 50857-001, serviced engine with 8 quarts of Aeroshell 15W50 engine oil. Performed particulate inspection on drain plug & old filter, none found. Performed operational and leak checks. Ops and leak checks good. All work was accomplished I.A.W. Cirrus SR22 A.M.M. 12-20


I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repaired/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair are on file at this Certified Repair Station CRS YD5R855Y.

DATE: 10/18/2005

SIGNED: *Dave Ruuskanen*  
Dave Ruuskanen  
Certified Repair Station No. YD5R855Y

Work Order: 4968-10-2005  
Printed by EBIS 3 (datcomedia.com)

ENGINE MODEL 10550-N  
(27)  
ENGINE SN 917806  
REG. NO. 527CD  
WORK ORDER  
5036-10-2005

 **Cirrus Design Factory Service Center**  
Repair Station No. YD5R855Y  
4515 Taylor Circle  
Duluth, MN 55811  
Phone: 218-788-3101

DATE 10/31/2005  
A/C TSN 34.4  
ENG. TT 34.4  
HOBBS 81.4

**Engine Entries**

(2) 12-20: Changed engine oil and filter pin 50857-001, serviced engine with 8 quarts of Aeroshell 15W50 engine oil. Performed particulate inspection on drain plug & old filter, none found. Performed operational and leak checks. Ops and leak checks good. All work was accomplished I.A.W. Cirrus SR22 A.M.M. 12-20

I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repaired/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair are on file at this Certified Repair Station CRS YD5R855Y.

DATE 10/31/2005

SIGNED: *Joseph Sullivan*  
Joseph Sullivan  
Certified Repair Station No. YD5R855Y

Work Order: 5036-10-2005  
Printed by EBIS 3 (datcomedia.com)

ENGINE MODEL 10550-N  
(27)  
ENGINE SN 917806  
REG. NO. 527CD  
WORK ORDER  
5222-11-2005

**Cirrus Design Factory Service Center**  
Repair Station No. YD5R855Y  
4515 Taylor Circle  
Duluth, MN 55811  
Phone: 218-788-3101

DATE 11/22/2005  
A/C TSN 132.8  
ENG. TT 132.8  
HOBBS 132.8

**Engine Entries**

(1) Changed engine oil and filter pin 50857-001, serviced engine with 8 quarts of Aeroshell 15W50 engine oil. Performed particulate inspection on drain plug & old filter, none found. Performed operational and leak checks. Ops and leak checks good. All work was accomplished I.A.W. Cirrus SR22 A.M.M. 12-20

I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repaired/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair are on file at this Certified Repair Station CRS YD5R855Y.

DATE 11/22/2005

SIGNED: *Mike McGinn*  
Mike McGinn  
Certified Repair Station No. YD5R855Y

Work Order: 5222-11-2005  
Printed by EBIS 3 (datcomedia.com)

| Date | Total Time |      | Time Since Last Overhaul |      |
|------|------------|------|--------------------------|------|
|      | Hrs.       | Min. | Hrs.                     | Min. |

# Engine Service and Maintenance Record

Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

Brought Forward →

ENGINE MODEL 10550-N  
(27)  
ENGINE SN 917886  
REG. NO. 527CD  
WORK ORDER  
5421-12-2005

**Cirrus Design Factory Service Center**  
Repair Station No. YDSR855Y  
4515 Taylor Circle  
Duluth, MN 55811  
Phone: 218-788-3101

DATE 12/21/2005  
AC TSN 194 B  
ENG TT  
HOBS 196 B

**Engine Entries**

(1) Changed engine oil and filter Champion CH48108, p/n 50857-001, serviced engine with 8 quarts of Aeroshel 15W50 engine oil. Performed particulate inspection on drain plug & old filter - none found. Performed operational and leak checks. Op's and leak checks good. All work was accomplished IAW Cirrus SR22 A.M.M. 12-20.

I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repaired/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair are on file at this Certified Repair Station CRS YDSR855Y.

DATE 12/21/2005

SIGNED: *Steve Wilhelm*  
Steve Wilhelm  
Certified Repair Station No. YDSR855Y

Work Order: 5421-12-2005

Printed for EBis 3 (datamedia.com)

ENGINE MODEL 10550-N  
(27)  
ENGINE SN 917886  
REG. NO. 527CD  
WORK ORDER  
5557-01-2006



**Cirrus Design Factory Service Center**  
Repair Station No. YDSR855Y  
4515 Taylor Circle  
Duluth, MN 55811  
Phone: 218-788-3101

DATE 1/18/2006  
AC TSN 194 B  
ENG TT  
HOBS 239,6

**Engine Entries**

(1) Changed engine oil and filter p/n 50857-001, serviced engine with 8 quarts of Aeroshel 15W50 engine oil. Performed particulate inspection on drain plug & old filter - none found. Performed operational and leak checks. Op's and leak checks good. All work was accomplished IAW Cirrus SR22 A.M.M. 12-20.

I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repaired/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair are on file at this Certified Repair Station CRS YDSR855Y.

DATE 1/18/2006

SIGNED: *Robert S. Bowen*  
Robert Powell  
Certified Repair Station No. YDSR855Y

Work Order: 5557-01-2006

Printed by EBis 3 (datamedia.com)

ENGINE MODEL 10550-N  
(27)  
ENGINE SN 917886  
REG. NO. 527CD  
WORK ORDER  
5702-02-2006



**Cirrus Design Factory Service Center**  
Repair Station No. YDSR855Y  
4515 Taylor Circle  
Duluth, MN 55811  
Phone: 218-788-3101

DATE 2/7/2006  
AC TSN 281 B  
ENG TT  
HOBS 381 B

**Engine Entries**

(1) Changed engine oil and filter Champion CH48108, p/n 50857-001, serviced engine with 8 quarts of Aeroshel 15W50 engine oil. Performed particulate inspection on drain plug & old filter - none found. Performed operational and leak checks. Op's and leak checks good. All work was accomplished IAW Cirrus SR22 A.M.M. 12-20.

I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repaired/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair are on file at this Certified Repair Station CRS YDSR855Y.

DATE 2/7/2006

SIGNED: *Paul Maggard*  
Paul Maggard  
Certified Repair Station No. YDSR855Y

Work Order: 5702-02-2006

Printed by EBis 3 (datamedia.com)

ENGINE MODEL 10550-N  
(27)  
ENGINE SN 917886  
REG. NO. 527CD  
WORK ORDER  
5811-03-2006

**Cirrus Design Factory Service Center**  
Repair Station No. YDSR855Y  
4515 Taylor Circle  
Duluth, MN 55811  
Phone: 218-788-3101

DATE 3/4/2006  
AC TSN 281 B  
ENG TT  
HOBS 448 B

**Engine Entries**

(1) To do: (1) Changed engine oil and filter p/n 50857-001, serviced engine with 8 quarts of Aeroshel 15W50 engine oil. Performed particulate inspection on drain plug & old filter - none found. Performed operational and leak checks. Op's and leak checks good. All work was accomplished IAW Cirrus SR22 A.M.M. 12-20. (2) Homebrew oil change - 8 quarts of Aeroshel 15W50 engine oil. Performed operational and leak checks. Op's and leak checks good. All work was accomplished IAW Cirrus SR22 A.M.M. 12-20.

I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repaired/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair are on file at this Certified Repair Station CRS YDSR855Y.

DATE 3/4/2006

SIGNED: *Robert S. Bowen*  
Robert Powell  
Certified Repair Station No. YDSR855Y

Work Order: 5811-03-2006

Printed by EBis 3 (datamedia.com)

|                   |            |      |                          |      |  |
|-------------------|------------|------|--------------------------|------|--|
| Date              | Total Time |      | Time Since Last Overhaul |      | <b>Engine Service and Maintenance Record</b><br>Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins |
|                   | Hrs.       | Min. | Hrs.                     | Min. |  |
| Brought Forward → |            |      |                          |      |  |

ENGINE MODEL 10550-N  
(27)  
ENGINE S/N 917866  
REG. NO. 527CD  
WORK ORDER  
6004-03-2006

**Cirrus Design Factory Service Center**

Repair Station No. YDSR855Y  
4515 Taylor Circle  
Duluth, MN 55811  
Phone 218-788-1101

DATE 3/17/2006  
A/C TAF 434 E  
ENG T: 434 E  
HOBBS: 434 E

**Engine Entries**

(1) 12-20 Changed engine oil and filter pin 50857-001, serviced engine with 8 quarts of AeroShell 100W engine oil. Performed post-flight inspection of drain plug & oil filter, none found. Performed operational and leak checks. Op's and leak checks good. All work was accomplished IAW Cirrus SR12 A.M.M. 12-20.

I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller, or applicable landing gear was inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Particular details of repair are on file at this Certified Repair Station CRS YDSR855Y.

DATE: 3/17/2006

SIGNED: *Joseph Sullivan*

Joseph Sullivan  
Certified Repair Station No. YDSR855Y

Work Order 6004-03-2006

Printed by EBis 3 (datamedia.com)

ENGINE MODEL 10550-N  
(27)  
ENGINE S/N 917866  
REG. NO. 527CD  
WORK ORDER  
6340-05-2006

**Cirrus Design Factory Service Center**

Repair Station No. YDSR855Y  
4515 Taylor Circle  
Duluth, MN 55811  
Phone 218-788-1101

DATE 5/8/2006  
A/C TAF 434 E  
ENG T: 434 E  
HOBBS: 434 E

**Engine Entries**

(5) Performed engine 100HR inspection IAW cirrus mm chapter 5-20 and 5-35. (1) Performed ACN through bi-weekly issue 2006-09; all ADs are in compliance at this time. (11) Drained engine oil and took oil sample; removed oil filter and performed particulate inspection, no discrepancies noted, installed new oil filter PIN QR8108-1 and serviced engine with 8QTS of Phlogic 20W50 motor oil. Leak and operational check good, work performed IAW cirrus mm chapter 12-20. (12) Performed engine cylinder compression and top end inspection, no discrepancies noted on boroscope inspection, compression are as follows: #1 65/80, #2 72/80, #3 73/80, #4 71/80, #5 70/80, #6 72/80, master on/cut reading of 45 psi, work performed IAW T.C.M. MM section 19; and T.C.M. S.B. 03-3. (13) Removed, cleaned, inspected, gapped, tested, rotated, and reinstalled spark plugs IAW T.C.M. MM section 12. (15) Removed and replaced induction air filter with new PIN BA-24 IAW cirrus mm chapter 71-60. (16) Removed, cleaned, inspected, and reinstalled fuel injection nozzles IAW T.C.M. MM section 5. (17) Performed fuel pressure setup IAW T.C.M. SID 97-3C. (27) Performed 500HR inspection on 80 Amp AL #1 PIN 64084; SN D09FA343 IAW TCM ABR 1000; Spark plug from store FCAM X30533-3 and standard maintenance practices, no discrepancies noted on inspection, operational check good. (28) Removed LH and RH magnetos PIN 10-500556-1 S/Ns D09FA357 and D09FA311 with 1 and D09FA339 with 1 and D09FA339 with 1 dated 12-29-05. Replaced magnetos PIN 10-500556-1 S/Ns D09FA332 with 36.7 hours T.T.

Operational check performed per manual F 70222 condition.

I have reviewed this repair entry details of repair.

DATE 5/8/2006

**NS27CD 5-8-2006 @ 434.1 Hobbs/TTAF (300 hr)**

|  |                |  |                |  |                         |                                     |  |
|--|----------------|--|----------------|--|-------------------------|-------------------------------------|--|
| 1. Approving National Authority/Country<br>FAA/United States   |                | <b>AUTHORIZED RELEASE CERTIFICATE</b><br>FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG |                |  |                         | 3. Form Tracking Number<br>QAW 3739 |  |
| 4. Organization Name and Address:<br>Quality Aircraft Accessories Inc. (QYR334Y)<br>3746 E. Apache, Bldg. A<br>Tulsa, OK 74115   |                | 5. Phone:<br>877-833-6948<br>918-835-6948<br>918-835-2804                            |                | 6. Fax:<br>918-835-2804  |                         | 5. Work Order Number<br>INV # 39532 |  |
| 6. Item  | 7. Description | 8. Part Number   | 9. Eligibility | 10. Qty  | 11. Serial/Batch Number | 12. Status/Mark                     |  |
| 1  | MAGNETO        | 10-500556-1  | (VARIOUS)      | 1  | D09FA339                | REPAIR                              |  |
| 13. Remarks:<br>OSB641 CONDENSOR<br>MSB644 OIL & ROTOR (AD74-01-03R2)<br>MSB645 500HR IMPULSE/NSP. (AD205-12-00)   |                |  |                |  |                         |                                     |  |
| See Attached Work Order Summary for details. 2 pages   |                |  |                |  |                         |                                     |  |
| 14. Certifies the items identified above were manufactured in conformity to:<br><input type="checkbox"/> Approved design data and are in a condition for safe operation<br><input type="checkbox"/> Non-approved design data specified in Block 13 |                |  |                | 14. 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulations specified in Block 12 |                         |                                     |  |
| 15. Authorized Signatory:  |                |  |                | 16. Approval/Authorization No.:  |                         | 17. Approval/Signature No.:         |  |
| 17. Name (Typed or Printed):   |                |  |                | 18. Date (mm/yy):  |                         | 19. Date (mm/yy):                   |  |
|  |                |  |                | Justin R. Hicks  |                         | 02-02-06                            |  |

FAA Form 8130-3 (7-00)

N 527CD  
Continental IO-550-N(27)  
S/N 917866

N 527CD  
Continental IO-550-N(27)  
S/N 917866  
1. Drained engine oil and collected sample, AGA. Replaced oil filter with new and serviced. Cut open old oil filter and found normal. Serviced engine with 8 qts AeroShell 100W Plus oil.

7-02106 1-006

October 13, 2006  
549.70 Hobbs  
493.40 TTAF

*Chris P. Jewell*  
Chris P. Jewell A&P 589-491389 LA

| Date | Total Time |      | Time Since Last Overhaul |      | <b>Engine Service and Maintenance Record</b><br>Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins |
|------|------------|------|--------------------------|------|--|
|      | Hrs.       | Min. | Hrs.                     | Min. |  |

Brought Forward →

ENGINE MODEL: 1055AN  
 ENGINE SERIAL: 917806  
 REG. NO: 527CD  
 WORK ORDER: 6340-05-2006

**Cirrus Design Factory Service Center**  
 Repair Station No. YD5R8551  
 4515 Taylor Circle  
 Douth. Mo. 65011  
 Phone: 215-766-3111

DATE: 3/17/2006  
 BY: J. Sullivan  
 REPAIR: 1055AN

**Engine Entries**

(11) 12-20-05 Serviced engine oil and filter per 50857-011. Serviced engine with 8 quarts of Amsoil 10W/40 engine oil. Performed particulate inspection on drain plug 5, oil filter, valve train. Performed operational and leak checks. Oil and leak checks good. All work well completed IAW Cirrus 1027. (12) 3/17/06

I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller, or appliance described was repaired/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Permanent details of repair are on file at the certified repair station CFS YD5R8551.

DATE: 3/17/2006

SIGNED: *Joseph Sullivan*  
 Joseph Sullivan  
 Certified Repair Station No. YD5R8551

Work Order: 6004-03-2006  
 Printed by EBis 3 (datcomedia.com)

ENGINE MODEL: 1055AN  
 ENGINE SERIAL: 917806  
 REG. NO: 527CD  
 WORK ORDER: 6340-05-2006

**Cirrus Design Factory Service Center**  
 Repair Station No. YD5R8551  
 4515 Taylor Circle  
 Douth. Mo. 65011  
 Phone: 215-766-3111

DATE: 5/8/2006  
 BY: C. Kormanek  
 REPAIR: 1055AN

**Engine Entries**

(5) Performed engine 100HP inspection IAW Cirrus MM chapter 5-20 and 5-30. (10) Researched ADs through bi-weekly issue 2006-09. All ADs are in compliance at this time. (11) Drained engine oil and took oil sample, removed oil filter and performed particulate inspection. No discrepancies noted, installed new oil filter DN CH4115-1 and serviced engine with 11.5 quarts of Phillips 20W50 (General). Leak and operational check good. Work performed IAW Cirrus MM chapter 12-20. (12) Performed engine cylinder compression and microscope inspections. No discrepancies noted on microscope inspection. Compression are as follows: #1 05/80, #2 72/70, #3 73/70, #4 74/70, #5 70/60, #6 72/60, master oil pressure reading of 45 psi. Work performed IAW T.C.M. MM section 19, and T.C.M. S.B. 03-3. (13) Removed cowling, inspected, gapped, tested, rotated, and reinstalled spark plugs IAW T.C.M. MM section 12. (14) Removed and replaced induction air filter with new T.N.E.A. (T.N.A.) Cirrus MM chapter 71-60. (15) Removed, cleaned, inspected, and reinstalled fuel injection nozzles IAW T.C.M. MM section 5. (16) Performed fuel pressure setups IAW T.C.M. SID 97-30. (17) Performed 500hr inspection on 60 Amp. All #1 P/N 641-413. S/N 149 AUA3 IAW TCM Assembly Service Instructions TCM X30263-3 and standard maintenance practices. No discrepancies noted on inspection. Operational check good. (18) Removed #1 and #2 magneto, P/N 10-500556-1 S/Ns D05H4597, and D05H4611 with 434.1 hours to be sent out for 500hr. Internal inspection. Installed magneto P/N 10-500556-1 S/Ns D05H4597 and D05H4611 with 434.1 hours T.T. which Quality Aircraft Accessories Inc. performed 500hr inspection and all applicable ADs and ADNs. Saw 3130-3 tags dated 12-29-05 and 02-02-06. Timed magnetos to 22 degrees T.D.C. work performed IAW Cirrus MM chapter 74 and T.C.M. Manual X30634A, Operational check good. (19) Removed cylinder #4 (P/N 10-932243) from engine due to crack. Installed new cylinder kit including gaskets, rings, piston pin, and seals. (P/N 10-932244) Performed #4 cylinder compression inspection. Compression was 74/60. Leak and operational check good. Work performed IAW T.C.M. 10-500-N Overhaul Manual X30265A and T.C.M. S.B. 1024-7R1. (20) Replaced #3 ball bearing for line support clip IAW TCM manual # X30266A. (21) I certify that this engine has been inspected in accordance with a 10114 inspection and was determined to be in airworthy condition.

I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller, or appliance described was repaired/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Permanent details of repair are on file at the certified repair station CFS YD5R8551.

DATE: 5/8/2006

SIGNED: *Casey Kormanek*  
 Casey Kormanek  
 Certified Repair Station No. YD5R8551

Work Order: 6340-05-2006  
 Printed by EBis 3 (datcomedia.com)

N 527CD  
 Continental IO-550-N(27)

**Engine Log**

1. Drained engine oil and collected sample. AUA Replaced oil filter with new and serviced. Cut open old oil filter and found normal. Serviced engine with 11.5 quarts of Phillips 20W50.  
 2. Inspected 500hr parts as shown. P/N 14554121

August 21, 2006  
 493.40 HRS  
 493.40 T.T.

*Chris P. Jewell*  
 Chris P. Jewell  
 1055AN

N 527CD  
 Continental IO-550-N(27)

**Engine Log**

1. Drained engine oil and collected sample. AUA Replaced oil filter with new and serviced. Cut open old oil filter and found normal. Serviced engine with 11.5 quarts of Phillips 20W50.

October 11, 2006  
 544.70 HRS  
 544.70 T.T.

*Chris P. Jewell*  
 Chris P. Jewell  
 1055AN

**Airworthiness A**  
**User/Installer Res**

I certify that the existence of this Doc  
 parts assembly.

...in accordance with the nat  
 Authority of the country specified in bl  
 Authority accepts parts/components/

...14 and 19 do not constitute instal  
 ...station certification issued in acc  
 ...may be flown.

# Engine Service and Maintenance Record

Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

| Date | Total Time |      | Time Since Last Overhaul |      |
|------|------------|------|--------------------------|------|
|      | Hrs.       | Min. | Hrs.                     | Min. |

Brought Forward  
 N 527CD  
 Continental IO-550-N(27)  
 S/N 917866  
 1 Drained engine oil and collected sample. AOA Replaced oil filter with new and serviced. Cut open old oil filter and found normal. Serviced engine with 8 qts Aeroshell 100W Plus oil

### Engine Log

December 15, 2006  
 603.00 Hobbs  
 603.00 TTAF  
 Serviced engine with 8 qts

*Chris P. Jewell*  
 Chris P. Jewell A&P 559491389 IA

ENGINE MODEL  
 IO-550-N  
 ENGINE SN: 917866  
 REG. NO: 527CD  
 WORK ORDER: 10623

**Kim Davidson Aviation, Inc.**  
 Repair Station No. YYKR878L  
 2701 Airport Avenue  
 Santa Monica, CA 90405  
 Phone (Mal) 310-371-8203 (Avionics 310-391-0082)

DATE: 6/22/07  
 A/C TSN: 663.8  
 ENG TT: 698.8  
 HOBBS: 663.8

### Engine Entries

I certify that this engine has been inspected in accordance with with an ANNUAL inspection I.A.W. Cirrus Checklist and has been determined to be in AIRWORTHY CONDITION. &. Removed and replaced oil with 8qts of 100W Plus. Oil analysis taken. Removed oil filter, cut and inspected for metal, and replaced with new. No metal found at this time. Run up and no leaks noted. &. Perform engine compression check 1) 76/80 2) 72/80 3) 72/80 4) 70/80 5) 74/80 6) 67/80

### Maintenance Release

The aircraft, airframe, engine, propeller, or appliance identified above was repaired and inspected in accordance with the current maintenance rules of the Federal Aviation Administration and is APPROVED FOR RETURN TO SERVICE. Pertinent details of the repair are on file at this Certified Repair Station CRSS# YYKR878L

DATE: 6/22/07

SIGNED:

*Kim Davidson*

Work Order: 10623

Kim Davidson  
 Certified Repair Station No. YYKR878L

Printed by EBis 3 (datacomedia.com)

N 527CD  
 Continental IO-550-N(27)  
 S/N 917866

### Engine Log

1 Drained engine oil and collected sample. AOA Replaced oil filter with new and serviced. Cut open old oil filter and found normal. Serviced engine with 8 qts Aeroshell 100W Plus oil

March 2, 2007  
 656.80 Hobbs  
 656.80 TTAF

*Chris P. Jewell*  
 Chris P. Jewell A&P 559491389 IA

N 527CD  
 Continental IO-550-N(27)  
 S/N 917866

### Engine Log

1 Drained engine oil and collected sample. AOA Replaced oil filter with new and serviced. Cut open old oil filter and found normal. Serviced engine with 8 qts Aeroshell 100W Plus oil

June 25, 2007  
 699.50 Hobbs  
 699.50 TTAF

*Chris P. Jewell*  
 Chris P. Jewell A&P 559491389 IA

ENGINE MODEL  
 IO-550-N(27)  
 ENGINE SN: 917866  
 REG. NO: 527CD  
 WORK ORDER: 5724

**Stratman Aero Service**  
 151 Harbor Place  
 Glendale, CA 91217  
 Phone 800-667-8100

DATE: 7/16/2008  
 A/C TSN: 353.8  
 ENG TT: 803.8  
 HOBBS: 863.8

DATE: 6/16/2008  
 A/C TSN: 788.8  
 ENG TT: 788.8  
 HOBBS: 788.8

### Engine Entries

Drained engine oil and collected sample. Replaced filter with new and serviced. Cut open old filter - Ok. Serviced engine with 8qts Aeroshell 100W Plus. Compression test OK. (1) 72/80 (2) 70/80 (3) 73/80 (4) 80/80 (5) 74/80 (6) 74/80 (7) 73/80

Inspection I.A.W. Cirrus  
 OIL CHANGE AT THIS  
 (3.80 5) 78.80 (6) 74.80

### Maintenance Release

The aircraft and/or component(s) on 527CD was repaired and inspected in accordance with current FAA rules of the Federal Aviation Regulations and was found Airworthy for return to service.

Inspected in accordance with the  
 RETURN TO SERVICE. Pertinent

DATE: 7/16/2008

SIGNED:

*Chris P. Jewell*

Work Order: 572-07-2008

Work Order: 11170

Chris P. Jewell A&P 559491389 IA

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| Date | Total Time |      | Time Since Last Overhaul |      | <b>Engine Service and Maintenance Record</b><br>Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins |
|------|------------|------|--------------------------|------|--|
|      | Hrs.       | Min. | Hrs.                     | Min. |  |

Brought Forward →

ENGINE MODEL:  
IO-550-A277  
ENGINE SN: 817888  
PPO NO: N527CD  
WORK ORDER:  
815-08-2008

**Stratman Aero Service**  
101 Hartley Place  
Ocala, CA 93117  
Phone: 805-987-8008

DATE: 01/22/2008  
AC TSN: 950 8  
ENG TY: 950 8  
LOGS: 950 8

**Engine Entries**

Complied with Teledyne Continental Service Information Directive SID 05-1. Replaced all filter bodies with new 8 each P/N 850888 (Intake) & each P/N 853877. Drained engine oil and collected sample. Replaced filter with new and safetied. Cut open old filter - OK. Serviced engine with 8 qts. AeroShell 100 Non-compounded oil. Installed repaired #1 cyl. P/N 222832 SN AC05HA243. See FAA form 8130-3 Pacific Cont. Eng., Inc. CRS 723R885L W.O. # 23055 Dated Sept 11 2006.

**Maintenance Release**

The aircraft and/or component(s) on N527CD was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service.

DATE: 01/22/2008

SIGNED:

*Chris P. Jewell*

Work Order 815-08-2008

Chris P. Jewell, A&P: 300833

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ENGINE MODEL:  
IO-550-A  
ENGINE SN: 817888  
PPO NO: 227CD  
WORK ORDER: 12407



**Kim Davidson Aviation, Inc.**  
Repair Station No. YTKR7878  
2701 Airport Avenue  
Santa Monica, CA 90405  
Phone: (Major) 310-391-4293 (Avionics) 310-391-0052

DATE: 09 February 2008  
AC TSN: 950 9  
ENG TY: 950 9  
LOGS: 950 9

**Engine Entries**

I certify that this engine has been inspected IAW CofC Annual Checklist and has been determined to be in AIRWORTHY CONDITION. & Removed and replaced oil with 8qts of 100W Plus. Oil analysis taken. Removed oil filter, cut and inspected for metal, and replaced with new. No metal found at this time. Run up and no leaks noted. & Perform engine compression check 1)55:80 2)64:80 3)80:80 4)68:80 5)56:80 6)64:80. & Checked & set fuel flow IAW TCM SID 67-3C. & Removed, re-sealed & re-installed #4 fuel inj. nozzle. Leak check good. & R&R #5 top spark plug with new. & R&R #4 induction tube gasket w/new.

**Maintenance Release**

The aircraft, airframe, engine, propeller, or appliance identified above was repaired and inspected in accordance with the current maintenance rules of the Federal Aviation Administration and is APPROVED FOR RETURN TO SERVICE.

Particular details of the repair are on file at this repair station under Work Order No. 12407, Dated 09 February, 2008.

DATE: 09 February 2008

SIGNED:

*Kim Davidson*

Work Order 12407

Kim Davidson  
Certified Repair Station No. YTKR7878L

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL: IO-550-A277  
ENGINE SN: 817888  
PPO NO: N527CD  
WORK ORDER: 815-08-2008

**Stratman Aero Service**  
101 Hartley Place  
Ocala, CA 93117  
Phone: 805-987-8008

DATE: 11/2/2008  
AC TSN: 950 4  
ENG TY: 950 4  
LOGS: 950 4

**Engine Entries**

Drained engine oil and collected sample. Replaced filter with new and safetied. Cut open old filter - OK. Serviced engine with 8qts. AeroShell 100w Plus. Replaced #3 Cabin Heat muffler with new, P/N 14831-001. Replaced #5 exhaust stack with new P/N 15070-003.

**Maintenance Release**

The aircraft and/or component(s) on N527CD was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service.

DATE: 11/2/2008

SIGNED:

*Chris P. Jewell*

Work Order: 815-08-2008

Chris P. Jewell, A&P: 300833

Printed by EBis 3 (datcomedia.com)



**Engine Service and Maintenance Record**  
 Installations, Inspections, Airworthiness Directives, Special Inspections,  
 Modifications and Service Bulletins

Date: \_\_\_\_\_ Total Time: \_\_\_\_\_ Time Since Last Overhaul: \_\_\_\_\_  
 Hrs. Min. Hrs. Min.

Brought Forward →

ENGINE MODEL: 10-650-N **Stratman Aero Service**  
 (27) 101 Hartley Place  
 ENGINE S/N: 917866 Goleta, CA 93117  
 REG. NO: N527CD Phone: 805-967-6006  
 WORK ORDER: 840-04-2008

DATE: 4/21/2009  
 A/C TSM: 888 1  
 ENG TT: 888 1  
 HOBBS: 888 1

**Engine Entries**

Drained engine and collected sample, AOA. Replaced oil filter with new and sealed. Cut open old oil filter and found normal. Serviced engine with 8 qts. AeroShell 100 noncompounded mineral oil. Performed post oil change run check and found normal.

**Maintenance Release**

The aircraft and/or component(s) on N527CD was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service.

DATE: 4/21/2009

SIGNED: *[Signature]*

Donald W. Stratman, IA: 1515779

Work Order: 840-04-2008

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ENGINE MODEL: 10-510-N  
 ENGINE S/N: 917866  
 REG. NO: N527CD  
 WORK ORDER: 13353



Kim Davidson Aviation, Inc.  
 Registration No. YYK2878L  
 2721 Airport Avenue  
 Santa Monica, CA 90405  
 Phone: (310) 391-4232 (Aircraft: 310-391-0022)

DATE: 21 January, 2010  
 A/C TSM: 1088 4  
 ENG TT: 1088 4  
 HOBBS: 1088 4

**Engine Entries**

Notify that this engine has been inspected I.A.W. Cirrus Annual Checklist and has been determined to be in AIRWORTHY CONDITION. Removed and replaced oil with 8qts of 100W. Oil analysis taken. Removed oil filter, cut and inspected for metal, and replaced with new. No metal found at this time. Run up and no leaks noted. Perform engine compression check: 1) 62/80 2) 63/30 3) 74/86 4) 83/82 5) 58/90 6) 63/90. Check & set fuel flow IAW TCM SID 97-3E. CAV TCM: 12 mo SID 05-7 Fuel Injection Nozzles Servicing.

**Maintenance Release**

The aircraft, airframe, engine, propeller, or appliance identified above was repaired and inspected in accordance with the current maintenance rules of the Federal Aviation Administration and is APPROVED FOR RETURN TO SERVICE.

Pertinent details of the repair are on file at this repair station under Work Order No. 13353, Dated 21 January, 2010.

DATE: 21 January, 2010

SIGNED: *[Signature]*

Kim Davidson  
 Certified Repair Station No. YYK2878L

Work Order: 13353

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**Accurate Aviation**

204 Moffett Place Suite B Goleta, CA, 93117 (805) 967-4293

**ENGINE LOGBOOK ENTRY**

Cirrus SR 22  
 REG. #: N527CD S/N: 1628  
 TCM: 10-550-N S/N 917866  
 Hobbs 1135.5

Squawk: Aircraft due oil change

**Corrective Action:** Drained oil, removed, cut open & inspected oil filter, found normal. Installed new filter P/N CH48108-1 and serviced engine with 8 qts AeroShell 100W Plus. Completed ground run - leak check. None noted. Reference: SR 22 AMM

The aircraft, airframe, engine, propeller or appliance identified above was repaired and/or inspected in accordance with current regulations under the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at this LBO under Work Order # 10-3441A

Glenn Fuller *[Signature]*

A&P 3493937

July 15, 2010

END

| Date            | Total Time |      | Time Last |
|-----------------|------------|------|-----------|
|                 | Hrs.       | Min. |           |
| Brought Forward |            |      |           |

# Maintenance Record

Service Bulletins, Directives, Special Inspections,

ENGINE MODEL:  
IO-360-EBB  
ENGINE S/N: 357740  
REG. NO: 3343M  
WORK ORDER: 14173



Kim Davidson Aviation, Inc.  
Repair Station No. YYKR678L  
2701 Airport Avenue  
Santa Monica, CA 90405  
Phone: (Mar) 310-391-6292 (A/Voice) 310-391-6692

DATE: 10 November, 2010  
A/C TSN: 414.2  
ENG TT: 414.2  
FLIGHTTIME: 69.6

**Engine Entries**

Removed and replaced oil with 8qts of Aeroshell 100W. Oil analysis taken. Removed oil filter, cut and inspected for metal, and replaced with new. No metal found at this time. Run up and no leaks noted. ---Perform engine compression check 1) 68/80 2) 70/80 3) 64/80 4) 68/80 5) 68/80 6) 70/80 ---Check induction, exhaust, and hoses for condition and security.

**Maintenance Release**

The aircraft, airframe, engine, propeller, or appliance identified above was repaired and inspected in accordance with the current maintenance rules of the Federal Aviation Administration and is APPROVED FOR RETURN TO SERVICE.

DATE: 10 November, 2010 SIGNED: *[Signature]* Work Order: 14173  
Kim Davidson  
Certified Repair Station No. YYKR678L  
Printed by EBis 3 (datcomedia.com)

ENGINE MODEL:  
IO-360-EBB  
ENGINE S/N: 317868  
REG. NO: 527CD  
WORK ORDER: 14407



Kim Davidson Aviation, Inc.  
Repair Station No. YYKR678L  
2701 Airport Avenue  
Santa Monica, CA 90405  
Phone: (Mar) 310-391-6292 (A/Voice) 310-391-6692

DATE: 18 February, 2011  
A/C TSN: 1183.9  
ENG TT: 1183.9  
HOURS: 1183.9

**Engine Entries**

I certify that this engine has been inspected IAW Cirrus Annual Checklist and has been determined to be in AIRWORTHY CONDITION. ---Removed and replaced oil with 8qts of 100W. Oil analysis taken. Removed oil filter, cut and inspected for metal, and replaced with new. \*No metal found at this time. Run up and no leaks noted. ---Perform engine compression check 1) 68/80 2) 64/80 3) 60/80 4) 78/80 5) 76/80 6) 74/80. ---Check & set fuel flow IAW TCM SID 97-3E. ---C/W SID 05-7 Fuel Injection Nozzles Servicing. ---Replaced 3 Spark plugs w/new RHB32E.

**Maintenance Release**

The aircraft, airframe, engine, propeller, or appliance identified above was repaired and inspected in accordance with the current maintenance rules of the Federal Aviation Administration and is APPROVED FOR RETURN TO SERVICE.

DATE: 18 February, 2011 SIGNED: *[Signature]* Work Order: 14407  
Kim Davidson  
Certified Repair Station No. YYKR678L  
Printed by EBis 3 (datcomedia.com)

# Maintenance Record

... Directives, Special Inspections,

| Date            | Total Time |      |
|-----------------|------------|------|
|                 | Hrs.       | Min. |
| Brought Forward |            |      |

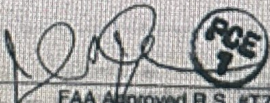

**ENGINE LOGBOOK INSERT**  
**PACIFIC CONTINENTAL ENGINES, INC.**  
 10500 Airpark Way, Bldg M10  
 Pacoima, CA 91331  
 FAA Approved R.S. #TZ3R885L

MODEL: Cirrus SR22  
 S/N: 1628  
 REG. #: N527CD  
 ENG. MOD: IO-550-N  
 ENG. S/N: 917866

DATE: OCT-07-2011  
 W.O.F. P7226  
 HOBBS: 1235.7  
 TACH: N/A  
 TOTAL TIME: 1235.7  
 TSMOH: 1235.7

**PERFORMED ITEMS (1 through 4)**

- This engine was removed by Kim Davidson Aviation for a propeller strike inspection. This is an in-service time continued repair. All engine accessories were reused in as-is condition unless noted below.
- NDT inspection revealed no defects at this time. Customer crankshaft s/n N05EA188 was repaired by Aircraft Specialties Services on their w/o#207697 for journal radius corrosion. Crankshaft rod journals were polished standard, and main journals were ground M010 undersize. Complied with TCM service bulletin MSB96-10, crankshaft ultrasonic inspection. Customer camshaft p/n 654084 and lifters p/n's 653885 and 653877 were repaired for lobe and face corrosion pitting and wear by Aircraft Specialties Services on their w/o#'s 203931 and 207759. Customer oil cooler p/n 654585 s/n C05-3905-284 was overhauled by Pacific Oil Cooler on their w/o#83787. Customer alternator p/n 646843 s/n 005IA056 bearings and seals were replaced in accordance with TCM manual X30531-3. Customer magnetos p/n 10-500556-2 s/n's D07IA031 and D06FA236 were 500 hour inspected in accordance with TCM manual X42002-1. Customer cylinders were cleaned, NDT inspected, exhaust guides replaced, seats ground, intake valves relaced, valves lapped to seats, and barrels honed P005 ring finish.
- The following new parts were installed at this repair: 1-641250 seal, 1-648592A2M010 bearing set, 1-EQ7191 gasket set, 4-628321-38 bolt, 2-641909 plate, 4-649205 screw, 16-629104 ring, 16-843629 plate, 1-629680M010 collar, 8-SA350998 bushing, 16-639193 bushing, 1-530563 dowel, 6-656990 screw, 12-655958 bolt, 12-654490 nut, 12-642398 bearing, 6-530658 bushing, 1-524818 plug, 4-654587-44 bolt, 8-MS90725-65 screw, 8-MS90725-72 screw, 12-652963 bushing, 24-501868 washer, 6-846985 seal, 24-24802 key, 6-654716P005 ring set, 6-646312 nut, 1-AA48108 filter, 1-632762 nut, 1-502287-3 ring, 1-X130-F1 bearing, 1-MS35756-8 key, 1-641388 bearing, 1-630680 bearing, 1-501867 washer, 1-633845 screw, 1-534685 bearing, 1-521649-3 ring, 1-630691 washer, 1-MS24665-302 pin, 1-642438 bearing, 1-646492A1 bearing/seal kit, 1-MS35756-8 key, 2-1090751-18 pin, 4-10157160 screw, 2-10349263 o-ring, 2-1014268 washer, 2-10382584 contact, 1-1035936-7 screw, 8-1035937-10 screw, 2-10400012 plate, 2-1090768-5 key, 2-1051678 slinger, 2-10400554 seal, 2-10391213 screw, 2-2202 bearing, 2-1081806 bearing, 2-10391309 washer, 2-1092815-37 ring, 2-10349511 washer, 2-1050752 washer, 2-10163374 felt, 2-103783 washer, 2-10160844 brush, 1-10157135 plug, 6-642917-2 hose, 12-MS35842-13 clamp, 6-652436-1 clamp, 4-655269 bushing, 6-655771 valve, 6-636242 guide, 12-656842 shaft, 24-537750 screw, 6-630046 pin, 1-S539800M30 spring, and miscellaneous attaching hardware.
- This engine was repaired and inspected in accordance with TCM manuals X30568A, X30569A, and current regulations of the Federal Aviation Administration and is approved for return to service.

John P. Jackson    
 FAA Approved R.S. #TZ3R885L

ENGINE MODEL:  
 IO-550-N  
 ENGINE S/N: 917866  
 REG. NO: N527CD  
 WORK ORDER: 14752

Kim Davidson Aviation, Inc.  
 Repair Station No. YYK0678L  
 2701 Airport Avenue  
 Santa Monica, CA 90405  
 Phone: (Main 310-391-6288) (Avionics 210-391-0992)

DATE: 18 October, 2011  
 A/C TSN: 1235.7  
 ENG TT: 1235.7  
 HOBBS: 1235.7


**Engine Entries**

Removed IO 550N s/n 917866 for prop strike inspection by PCE. Reinstall same engine after repair. Added 6 qts of 100 MINERAL oil, run up & leak test checked good. ---Adjusted engine oil pressure per M.M. ---Check & set fuel flow IAW TCM SID 97-3E.

**Maintenance Release**

The aircraft, airframe, engine, propeller, or appliance identified above was repaired and inspected in accordance with the current maintenance rules of the Federal Aviation Administration and is APPROVED FOR RETURN TO SERVICE.

DATE: 19 October, 2011

SIGNED:   
 Kim Davidson  
 Certified Repair Station No. YYK0678L

Work Order: 14752  
 Printed by EBia 3 (datacomedia.com)

| Date            | Total Time |      | Time Since Last Overhaul |      | <b>Engine Service and Maintenance Record</b><br>Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins |
|-----------------|------------|------|--------------------------|------|--|
|                 | Hrs.       | Min. | Hrs.                     | Min. |  |
| Brought Forward | →          |      |                          |      |  |
|                 |            |      |                          |      |  |

ENGINE MODEL  
IO 520-A  
ENGINE S/N: 917885  
REG. NO. 52700  
WORK ORDER: 15050



Kim Davidson Aviation, Inc.  
Repair Station No. YYKR67BL  
2701 Airport Avenue  
Santa Monica, CA 90405  
Phone (Main 310-391-0293) (Aviation 310-391-0893)

DATE: 19 October, 2011  
AC TSM: 1255.7  
ENG T: 1255.7  
HOBBS: 1255.7

**Engine Entries**

I certify that this engine has been inspected IAW Cirrus Annual Checklist and has been determined to be in AIRWORTHY CONDITION ---Removed and replaced oil with 8qts of 100 MINERAL. Run up and no leaks noted ---Check & set fuel flow IAW TCM SID 97-3E.

**Maintenance Release**

The aircraft, airframe, engine, propeller, or appliance identified above was repaired and inspected in accordance with the current maintenance rules of the Federal Aviation Administration and is APPROVED FOR RETURN TO SERVICE.

DATE: 19 October, 2011

SIGNED

Kim Davidson  
Certified Repair Station No. YYKR67BL

Work Order 15050

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1 of 1

ENGINE MODEL  
IO 520-A  
ENGINE S/N: 917885  
REG. NO. 52700  
WORK ORDER: 15022

Kim Davidson Aviation, Inc.  
Repair Station No. YYKR67BL  
2701 Airport Avenue  
Santa Monica, CA 90405  
Phone (Main 310-391-0293) (Aviation 310-391-0893)

DATE: 13 August, 2012  
AC TSM: 1255.7  
ENG T: 1255.7  
HOBBS: 1255.7

**Engine Entries**

Removed and replaced oil with 8 qts of Amsoil 100W. Oil analysis taken. Removed oil filter. Oil open, inspected for metal and replaced w/new. No metal found at this time. Run up and no leaks noted. Oil analysis taken --- R & R crankshaft seal w/new.

**Maintenance Release**

The aircraft, airframe, engine, propeller, or appliance identified above was repaired and inspected in accordance with the current maintenance rules of the Federal Aviation Administration and is APPROVED FOR RETURN TO SERVICE.

DATE: 13 August, 2012

SIGNED

Kim Davidson  
Certified Repair Station No. YYKR67BL

Work Order 15022

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1 of 1

| Date | Total Time |      | Time Since Last Overhaul |      | <b>Engine Service and Maintenance Record</b><br>Installations, Inspections, Airworthiness Directives, Special Inspections,<br>Modifications and Service Bulletins |
|------|------------|------|--------------------------|------|---|
|      | Hrs.       | Min. | Hrs.                     | Min. |   |

Brought Forward →

ENGINE MODEL: IO-550-N  
 ENGINE S/N: 917886  
 REG. NO: 527CD  
 WORK ORDER: 15858



Kim Davidson Aviation, Inc.  
 Repair Station No. YYKR676L  
 2701 Airport Avenue  
 Santa Monica, CA 90405  
 Phone: (Main) 310-391-6293 (Avionics) 310-391-0692

DATE: 11/9/2012  
 A/C TSN: 1335  
 ENG TT: 1335  
 HOBBS: 5855

**Engine Entries**

I certify that this engine has been Inspected I.A.W. Cirrus Annual Checklist and has been determined to be in **AIRWORTHY CONDITION**. —Removed and replaced oil with 8qts of 100W. Oil analysis taken. Removed oil filter, cut and inspected for metal, and replaced with new. No metal found at this time. Run up and no leaks noted. —Engine compression check 1) 76/80 2) 74/80 3) 72/80 4) 66/80 5) 76/80 6) 68/80 —Checked & set fuel flow IAW TCM SID 97-3E —Replaced 2 spark plugs w/new URHB32E Tempest.

**Maintenance Release**

The aircraft, airframe, engine, propeller, or appliance identified above was repaired and inspected in accordance with the current maintenance rules of the Federal Aviation Administration and is **APPROVED FOR RETURN TO SERVICE**.

DATE: 11/9/2012

SIGNED: *[Signature]*

Work Order: 15858

Kim Davidson  
 Certified Repair Station No. YYKR676L

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL: IO-550-N  
 ENGINE S/N: 917886  
 REG. NO: 527CD  
 WORK ORDER: 16766



Kim Davidson Aviation, Inc.  
 Repair Station No. YYKR676L  
 2701 Airport Avenue  
 Santa Monica, CA 90405  
 Phone: (Main) 310-391-6293 (Avionics) 310-391-0692

DATE: 12/29/2013  
 A/C TSN: 1410.8  
 ENG TT: 1410.8  
 HOBBS: 1410.8

**Engine Entries**

I certify that this engine has been Inspected I.A.W. Cirrus Annual Checklist and has been determined to be in **AIRWORTHY CONDITION**. —Removed and replaced oil w/8qts of 100W. Oil analysis taken. Removed oil filter, cut open inspected for metal and replaced w/new. No metal found at this time. Run up and no leaks noted. —Perform engine compression check 1) 72/80 2) 68/80 3) 68/80 4) 70/80 5) 72/80 6) 70/80. —CW SID 05-7 Fuel Injection Nozzles Servicing —CW SB 2X-74-01 on Fine Wire Spark Plugs Replacement. Replaced all spark plugs w/new Tempest URHB32E

**Maintenance Release**

The aircraft, airframe, engine, propeller, or appliance identified above was repaired and inspected in accordance with the current maintenance rules of the Federal Aviation Administration and is **APPROVED FOR RETURN TO SERVICE**.

DATE: 12/29/2013

SIGNED: *[Signature]*

Work Order: 16766

Kim Davidson  
 Certified Repair Station No. YYKR676L

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ENGINE MODEL: IO-550-N  
 ENGINE S/N: 917886  
 REG. NO: 527CD  
 WORK ORDER: 17312



Kim Davidson Aviation, Inc.  
 Repair Station No. YYKR676L  
 2701 Airport Avenue  
 Santa Monica, CA 90405  
 Phone: (Main) 310-391-6293 (Avionics) 310-391-0692

DATE: 9/4/2014  
 A/C TSN: 1539.2  
 ENG TT: 1539.2  
 HOBBS: 1539.2

**Engine Entries**

CW TCM CSB08-3 Inspect Throttle & Mixture Control Levers, visual inspection found stainless control levers already installed.

**Maintenance Release**

The aircraft, airframe, engine, propeller, or appliance identified above was repaired and inspected in accordance with the current maintenance rules of the Federal Aviation Administration and is **APPROVED FOR RETURN TO SERVICE**.

DATE: 9/4/2014

SIGNED: *[Signature]*

Work Order: 17312

Kim Davidson  
 Certified Repair Station No. YYKR676L

Printed by EBis 3 (datcomedia.com)

| Date | Total Time |      | Time Since Last Overhaul |      | <b>Engine Service and Maintenance Record</b><br>Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins |
|------|------------|------|--------------------------|------|--|
|      | Hrs.       | Min. | Hrs.                     | Min. |  |

Brought Forward →

ENGINE MODEL  
K-150-N  
ENGINE SN 917868  
REG. NO. 527CD  
WORK ORDER 17360



Kim Davidson Aviation, Inc.  
Repair Station No. YYKR678L  
2701 Airport Avenue  
Santa Monica, CA 90405  
Phone (Main) 310-391-6292 (Aviation) 310-391-0662

DATE: 9/22/2014  
AC TSN: 1551.7  
ENG TT: 1551.7  
HOBBS: 1551.7

**Engine Entries**

Replaced oil w/bags of Aeroshell 100W. Oil analysis taken. Removed oil filter, cut open and inspected for metal. No metal found at this time. Replaced oil filter w/new. Run up and no leaks noted. ---Reinstalled Starter Adapter s/n C091914JP after Overhaul by Pacific Continental Engines. Function test checked good. ---Remove ISKRA starter s/n 043180017. Installed Heavy Duty OH starter motor s/n H-N120025.

**Maintenance Release**

The aircraft, airframe, engine, propeller, or appliance identified above was repaired and inspected in accordance with the current maintenance rules of the Federal Aviation Administration and is APPROVED FOR RETURN TO SERVICE.

DATE: 9/22/2014

SIGNED: *Kim Davidson*  
Kim Davidson  
Certified Repair Station No. YYKR678L

Work Order: 17360  
Printed by EBis 3 (datcomedia.com)

ENGINE MODEL  
K-150-N  
ENGINE SN 917868  
REG. NO. 527CD  
WORK ORDER 17562



Kim Davidson Aviation, Inc.  
Repair Station No. YYKR678L  
2701 Airport Avenue  
Santa Monica, CA 90405  
Phone (Main) 310-391-6292 (Aviation) 310-391-0662

DATE: 12/22/2014  
AC TSN: 1567.6  
ENG TT: 1567.6  
HOBBS: 1567.6

**Engine Entries**

I certify that this engine has been inspected IAW Cirrus 100hr/Annual Checklist and has been determined to be in AIRWORTHY CONDITION ---Performed engine compression check. 1) 74/80 2) 70/80 3) 78/80 4) 66/80 5) 74/80 6) 72/80 ---Removed and replaced oil with bags of Aeroshell 100W. Oil analysis taken. Removed oil filter, cut open and inspected for metal. No metal found at this time. Replaced oil filter w/new. Run up and leak test checked good. ---Reinstalled Alt #1 s/n 31714 after 500hr Repair by Aero Accessories. Function test checked good.

**Maintenance Release**

The aircraft, airframe, engine, propeller, or appliance identified above was repaired and inspected in accordance with the current maintenance rules of the Federal Aviation Administration and is APPROVED FOR RETURN TO SERVICE.

DATE: 12/22/2014

SIGNED: *Kim Davidson*  
Kim Davidson  
Certified Repair Station No. YYKR678L

Work Order: 17562  
Printed by EBis 3 (datcomedia.com)

ENGINE MODEL  
K-150-N  
ENGINE SN 911806  
REG. NO. 527CD  
WORK ORDER 17714



Kim Davidson Aviation, Inc.  
Repair Station No. YYKR678L  
2701 Airport Avenue  
Santa Monica, CA 90405  
Phone (Main) 310-391-6292 (Aviation) 310-391-0662

DATE: 3/5/2015  
AC TSN: 1608.4  
ENG TT: 1608.4  
HOBBS: 1608.4

**Engine Entries**

Replaced oil w/bags of Aeroshell 100W. Oil analysis taken. Removed oil filter, cut open and inspected for metal. No metal found at this time. Replaced oil filter w/new. Run up and no leaks noted. ---Checked and torqued fuel injector line B-nut on fuel injectors. Torque stripe fuel line B-nuts.

**Maintenance Release**

The aircraft, airframe, engine, propeller, or appliance identified above was repaired and inspected in accordance with the current maintenance rules of the Federal Aviation Administration and is APPROVED FOR RETURN TO SERVICE.

DATE: 3/5/2015

SIGNED: *Kim Davidson*  
Kim Davidson  
Certified Repair Station No. YYKR678L

Work Order: 17714  
Printed by EBis 3 (datcomedia.com)

# Engine Service and Maintenance Record

Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

| Date | Total Time |      | Time Since Last Overhaul |      |
|------|------------|------|--------------------------|------|
|      | Hrs.       | Min. | Hrs.                     | Min. |

DATE: 12/16/2015  
 A/C TSN: 1673.1  
 ENG TT: 1673.1  
 HOBS: 1673.1

Brought Forward

ENGINE MODEL: IO-550-N  
 ENGINE S/N: 917866  
 REG NO: N527CD  
 WORK ORDER: 18239



Kim Davidson Aviation, Inc.  
 Repair Station No. YYKRB78L  
 2701 Airport Avenue  
 Santa Monica, CA 90405  
 Phone: (Main) 310-391-6293 (Avionics) 310-391-0692

**Engine Entries**

I certify that this engine has been inspected per Cirrus 100hr/Annual Checklist and has been determined to be in AIRWORTHY CONDITION. --- Performed engine compression check 1) 74/80 2) 72/80 3) 62/80 4) 64/80 5) 70/80 6) 68/80 --- Replaced oil with 8qts of Aeroshell 100W. Oil analysis taken. Removed oil filter, cut open and inspected for metal. No metal found at this time. Replaced oil filter w/new. Run up & leak test checked good.

**Maintenance Release**

The aircraft, airframe, engine, propeller, or appliance identified above was repaired and inspected in accordance with the current maintenance rules of the Federal Aviation Administration and is APPROVED FOR RETURN TO SERVICE.

DATE: 12/16/2015

SIGNED:   
 Kim Davidson  
 Certified Repair Station No. YYKRB78L

Work Order: 18239  
 Printed by EBis 3 (datamedia.com)

Security Aviation  
 12016 S. Prairie Ave  
 Hawthorne, CA 90250  
 FAA Approved Repair Station MH3R684L

Date: September 28, 2016  
 W/O # 856058  
 Tach Time: 1728.5

Model: Cirrus SR22  
 S/N: 1628  
 Reg No. N527CD

Removed plug to oil pressure transducer, cleaned with contact cleaner and re-assemble plug, perform engine ground run with all parameters function check good.

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. Date: 12/28/16 Signed:   
 END

ENGINE MODEL: IO-550-N  
 ENGINE S/N: 917866  
 REG NO: N527CD  
 WORK ORDER: 18901



Kim Davidson Aviation, Inc.  
 Repair Station No. YYKRB78L  
 2701 Airport Avenue  
 Santa Monica, CA 90405  
 Phone: (Main) 310-391-6293 (Avionics) 310-391-0692

DATE: 10/20/17  
 A/C TSN: 1737.9  
 ENG TT: 1737.9  
 HOBS: 1737.9

**Engine Entries**

I certify that the Engine has been inspected in accordance with a 100hr Inspection/Cirrus Annual Checklist and has been determined to be in AIRWORTHY CONDITION. --- Performed engine compression check 1) 72/80 2) 72/80 3) 68/80 4) 62/80 5) 70/80 6) 70/80 --- Replaced oil with 8qts of Aeroshell 100W. Oil analysis taken. Removed oil filter, cut open and inspected for metal. No metal found at this time. Replaced oil filter w/new. Run up & leak test checked good. --- C/W SID 05-7 Fuel Injection Nozzles Servicing & Cleaning. Reinstalled fuel nozzles and leak test checked good. --- Reinstall RH magneto s/n D06FA236 & LH magneto s/n D07A031 after Overhaul by Aero Accessories. Timed both magnetos to engine per TCM MSB84-6D. Runup and leak test checked good. --- Replaced rear accessory drive garlo seal & gasket w/new. Reinstalled Alt #2 w/new gasket. Leak test checked good.

**Maintenance Release**

The aircraft, airframe, engine, propeller or appliance identified above was repaired & inspected in accordance with the current maintenance rules of the Federal Aviation Administration and is APPROVED FOR RETURN TO SERVICE.

DATE: 10/20/17

SIGNED:   
 Kim Davidson  
 Certified Repair Station No. YYKRB78L

Work Order: 18901  
 Printed by EBis 3 (datamedia.com)

| Date | Total Time |      | Time Since Last Overhaul |      | Engine Installation Modification |
|------|------------|------|--------------------------|------|----------------------------------|
|      | Hrs.       | Min. | Hrs.                     | Min. |                                  |

Brought Forward

ENGINE MODEL: IO-550-N  
 ENGINE SN: 91786  
 REG. NO. N527CD  
 WORK ORDER: 18238



Kim Davidson  
 Repair Station  
 2701 Ave  
 Santa Monica  
 Phone: 310-318-1111

**Engine Entries**  
 I certify that this engine has been inspected per the applicable maintenance rules and found to be in AIRWORTHY CONDITION. —Performed 64/80 5) 70/80 6) 68/80—Replaced oil with oil and filter. Disassembled and inspected for metal. No metal found. Checked good.

**Maintenance Release**  
 The aircraft, airframe, engine, propeller, or appliance complies with the applicable current maintenance rules of the Federal Aviation Administration.

DATE: 12/16/2015  
 SIGNED:   
 Kim Davidson  
 Certified Repair Station

FAA Approved

Model: Cirrus SR22  
 SN: 1628  
 Reg No. N527CD

Removed plug to oil pressure transducer ground run with all parameters function

The aircraft and/or component identification numbers are on file at this agency. Date: \_\_\_\_\_

ENGINE MODEL: IO-550-N  
 ENGINE SN: 91786  
 REG. NO. N527CD  
 WORK ORDER: 18971



**Engine Entries**  
 I certify that this Engine has been inspected per the applicable maintenance rules and has been determined to be in AIRWORTHY CONDITION. —Performed 22/80 2) 22/80 3) 66/80 4) 52/80 analysis taken. Removed oil filter and replaced with new. Run up & leak check. Cleaning. Reinstalled fuel nozzle. Magneto pin DO71A031 after OMSB64-6D. Runup and leak check. Reinstalled All #2 wires.

**Maintenance Release**  
 The aircraft, airframe, engine, propeller, or appliance complies with the applicable current maintenance rules of the Federal Aviation Administration.

DATE: 1/6/2017

8130 AIRCRAFT STARTER  
 N527CD 7-19-18

**AERO**  
 AERO ACCESSORIES  
 16152 Valerio Ave.  
 Van Nuys, CA 91406

IMPORTANT DOCUMENTS ENCLOSED



|      |            |      |                          |      |  |
|------|------------|------|--------------------------|------|--|
| Date | Total Time |      | Time Since Last Overhaul |      | <b>Engine Service and Maintenance Record</b><br>Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins |
|      | Hrs.       | Min. | Hrs.                     | Min. |  |

Brought Forward

|                       |                |             |
|-----------------------|----------------|-------------|
| <b>SIERRA</b><br>AERO | 05 SEP 2017    | Wcht 1793.1 |
| NR: NS2700            | Type: IO-550-N | S/N: 917866 |

Replaced alternator coupling with overhauled unit, PN 646655A1, SN SA3646. Replaced #2 lower spark plug with serviceable unit, PN RHM32E. Test flew aircraft, ops check good. -END-

*Jeffrey Fay* 2679315A&P

ENGINE MODEL  
IO-550-N  
ENGINE S/N 917866  
REG. NO. 52700  
WORK ORDER: 19509



Kim Davidson Aviation, Inc.

Repair Station No. YYKR678L  
2701 Airport Avenue  
Santa Monica, CA 90405  
Phone: (West) 310-391-6293 (Arizona) 310-391-0992

DATE: 2/12/2018  
A/C: 194  
TAXI: 1824  
HOBBS: 1824

**Engine Entries**

I certify that this Engine has been inspected in accordance with a 100hr Inspection/Cirrus Annual Inspection Checklist and has been determined to be in AIRWORTHY CONDITION. —Performed engine compression check 1) 66/80 2) 72/80 3) 68/80 4) 64/80 5) 73/80 6) 74/80—Replaced oil with 8qts of Aeroshell 100W. Blackstone oil sample taken. Removed oil filter, cut open and inspected for metal. No metal found at this time. Replaced oil filter w/new. Run up & leak test checked good. —C/W Annual 100hr Replacement of Engine Air Filter w/new. —Replaced RH exhaust heat exchanger w/new PMA Heat Exchanger from Aerospace Welding MLPS Inc. Replaced RH ball joint springs, ball joint attach bolts w/new & RH muffler tail pipe clamps & hardware w/new. —Re-Timed LH magneto to engine per TCM MSB94-8D. Runup & Leak test checked good. —Removed ALT #1 s/n 147210. Transferred Drive Gear Coupling & Installed Overhaul Exchange ALT #1 s/n 101416. Replaced ALT#1 gasket w/new. Function test checked good.

**Maintenance Release:**

The aircraft, airframe, engine, propeller or appliance identified above was repaired & inspected in accordance with the current maintenance rules of the Federal Aviation Administration and is APPROVED FOR RETURN TO SERVICE.

DATE: 2/12/2018

SIGNED: *Kim Davidson*

Work Order: 19509

Kim Davidson  
Certified Repair Station No. YYKR678L

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**Coastal Aircraft Maintenance**  
303 Donaldson Place, Santa Barbara, CA 93117 (805) 696-6599  
CIRRUS SR22 N52700 S/N 1628 HOBBS TIME 1843.3 SINCE NEW  
ENGINE IO-550-N S/N 917866

REMOVED HARTZELL ENGINE TECHNOLOGIES STARTER P/N 646275-1R S/N H-N120025 FROM AIRCRAFT AND INSTALLED OVERHAULED AEROSPACE STARTER P/N 646275 S/N A08079717 ON TO ENGINE. AIRCRAFT WAS STARTED AND AFFECTED AREA CHECKED FOR OPERATIONS. NO ISSUES NOTED AT THIS TIME. AIRCRAFT RETURNED TO SERVICE WORK PERFORMED USING CIRRUS SR22 MM #13773-001 SEC 80 AS REFERENCE

The aircraft airframe, engine, propeller or appliance identified above was repaired and/or inspected in accordance with current regulations under the Federal Aviation Administration and is approved for return to service.

Wayne Glenn *Wayne Glenn*

AAP5671548261A

JULY 19 2018

| Date | Total Time |      | Time Since Last Overhaul |      | <b>Engine Service and Maintenance Record</b><br>Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins |
|------|------------|------|--------------------------|------|--|
|      | Hrs.       | Min. | Hrs.                     | Min. |  |

Brought Forward

ENGINE MODEL  
IO-550-A  
ENGINE SN: 91796  
REG. NO: 527CD  
WORK ORDER: 20248



Kim Davidson Aviation, Inc.

Repair Station No. YYK9876L  
2701 Airport Avenue  
Santa Monica, CA 90405  
Phone: (Main) 310-391-6293 (Avionics) 310-391-0692

DATE: 3/8/2019  
A/C TSN: 1873.6  
ENG TT: 1873.6  
HOURS: 1873.6

**Engine Entries**

I certify that this Engine has been inspected in accordance with a 100hr Inspection/Cirrus Annual Inspection Checklist and has been determined to be in AIRWORTHY CONDITION. — Performed engine compression check 1) 68/80 2) 70/80 3) 70/80 4) 58/80 5) 66/80 6) 62/80 Master Orifice 48 psi. — Replaced oil with 8qts of AeroShell 100W. Blackstone oil sample taken. Removed oil filter, cut open & inspected for metal. No metal found at this time. Replaced oil filter w/new. Run up & leak test checked good. — CW Annual/100hr Replacement of Engine Air Filter w/new. — Replaced fed camshaft cover plate gasket w/new. Leak check tested good.

Maintenance Release: The aircraft, airframe, engine, propeller or appliance identified above was Repaired or Inspected in accordance with current maintenance rules of the Federal Aviation Administration and is APPROVED FOR RETURN TO SERVICE.

DATE: 3/8/2019

SIGNED

Work Order: 20248

Kim Davidson  
Certified Repair Station No. YYK9876L

Printed by EBis 3 (datalogmedia.com)

ENGINE MODEL  
IO-550-A  
ENGINE SN: 91796  
REG. NO: 527CD  
WORK ORDER: 21022



Kim Davidson Aviation, Inc.

Repair Station No. YYK9876L  
2701 Airport Avenue  
Santa Monica, CA 90405  
Phone: (Main) 310-391-6293 (Avionics) 310-391-0692

DATE: 9/23/2020  
A/C TSN: 1919.2  
ENG TT: 1919.2  
HOURS: 1919.2

**Engine Entries**

I certify that this Engine has been inspected in accordance with a 100hr Inspection/Cirrus Annual Inspection Checklist and has been determined to be in AIRWORTHY CONDITION. — Performed engine compression check 1) 72/80 2) 66/80 3) 62/80 4) 50/80 5) 66/80 6) 70/80 Master Orifice 44 psi. — Replaced oil w/8 qts of AeroShell 100W. Blackstone oil sample taken. Removed oil filter, cut open & inspected for metal. No metal found at this time. Replaced oil filter w/new. Run up & leak test checked good. — CW Annual/100hr Replacement of Engine Air Filter w/new. — AD 2020-16-11 is N/A per Engine Manufacture Data 92005 and Cylinders Serial #'s. — Reinstalled A/E #1 s/n 101416 after 500hr Inspection & Repair by Aero Accessories. Replaced A/E #1 gasket w/new. Function test checked good. — Installed new exhaust stud in bottom of #1 Cylinder.

Maintenance Release: The aircraft, airframe, engine, propeller or appliance identified above was Repaired or Inspected in accordance with current maintenance rules of the Federal Aviation Administration and is APPROVED FOR RETURN TO SERVICE.

DATE: 9/23/2020

SIGNED

Work Order: 21022

Kim Davidson  
Certified Repair Station No. YYK9876L

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ENGINE MODEL  
IO-550-B  
ENGINE SN: 91799  
REG. NO: 527CD  
WORK ORDER: 21835



Kim Davidson Aviation, Inc.

Repair Station No. YYK9876L  
2701 Airport Avenue  
Santa Monica, CA 90405  
Phone: (Main) 310-391-6293 (Avionics) 310-391-0692

DATE: 10/25/2021  
A/C TSN: 1935.3  
ENG TT: 1935.3  
HOURS: 1935.3

**Engine Entries**

I certify that this Engine has been inspected in accordance with a 100hr Inspection/Cirrus Annual Inspection Checklist and has been determined to be in AIRWORTHY CONDITION. — Performed engine compression check 1) 75/80 2) 68/80 3) 71/80 4) 60/80 5) 73/80 6) 72/80 Master Orifice 44 psi. — Replaced oil w/8 qts of AeroShell 100W oil. Blackstone oil sample taken. Removed oil filter, cut open & inspected for metal. No metal found at this time. Replaced oil filter w/new. Run up & leak test checked good. — CW Annual/100hr Replacement of Engine Air Filter w/new. — C/W TCM SID 05-7 Fuel Injection Nozzles Servicing & Cleaning. Reinstall fuel nozzles w/new o-rings & seals. Leak test checked good. — Stop drilled cracks spinner engine baffles to prevent cracks from spreading.

Maintenance Release: The aircraft, airframe, engine, propeller or appliance identified above was Repaired or Inspected in accordance with current maintenance rules of the Federal Aviation Administration and is APPROVED FOR RETURN TO SERVICE.

DATE: 10/25/2021

SIGNED

Work Order: 21835

Kim Davidson  
Certified Repair Station No. YYK9876L

Printed by EBis 3 (datalogmedia.com)

| Date | Total Time |      | Time Since Last Overhaul |      | <b>Engine Service and Maintenance Record</b><br>Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins |
|------|------------|------|--------------------------|------|--|
|      | Hrs.       | Min. | Hrs.                     | Min. |  |

Brought Forward \_\_\_\_\_



Above All Aviation Maintenance  
101 Hartley Place  
Santa Barbara, CA 93117

Make: CIRRUS DESIG  
Order No.: 89835  
S/N: 1828  
Engine Log

Model: SR22

Reg. No.: N527CD

Hobbs Time: 1959.40  
Type: IO550SERIES

Completed: 12/08/21  
TTAF: S/N

Removed and replaced all plugs with new, P/N RHB32E. Operational check OK.

Ken Lewis  
*[Signature]*

A&P 3321458

December 8th, 2021

wo: 22-3465

Engine - page 1 of 1

Avionics & Maintenance West, Inc. - 495 S. Fairview Avenue, Hangar #2 - Goleta, CA 93117 - 805-324-4400 - CPO#: ZZ2P363L

N527CD  
Hobbs: 1974.8

CONT MOTOR, IO-550-N, S/N: 917866

January 13, 2022

1. **Operator requests engine oil filter change.** - Performed ground operational check of engine, checks good. Removed engine cowlings as required. Drained oil and obtained oil sample midstream for Blackstone Oil Analysis. Removed, cut open and inspected Champion Oil Filter (P/N: CH48108-1 S/N: NSN) for contaminants, none found. Installed "new" condition serviceable Champion Oil Filter (P/N: CH48108-1 S/N: NSN) and safety wired as required. Serviced engine with 8 qts Aershell W100 Plus Oil. Performed ground engine run and checked for oil leaks, no leaks noted. Re-installed engine cowlings. Reference CIRRUS SR22 MM P/N: 13773-001 Reissue B dated June 2010, Chapter 12-10.

With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with Avionics & Maintenance West, Inc. under work order: 22-3465.

Wayne Glenn APIA 567154826 *[Signature]*

ENGINE MODEL:  
IO-550-N  
ENGINE S/N: 917866  
REG. NO: N527CD  
WORK ORDER: ZZ241



Kim Davidson Aviation, Inc.  
Repair Station No. YYKR676L  
2761 Airport Avenue  
Santa Monica, CA 90405  
Phone (Main) 310-391-6225 (Avionics) 310-291-0922

DATE: 12/7/2022  
A/C TSN: 2057.5  
ENG TT: 2857.5  
HOBBS: 2957.5

**Engine Entries**

I certify that this Engine has been inspected in accordance with a 100hr Inspection/Cirrus Annual Inspection Checklist and has been determined to be in AIRWORTHY CONDITION. --- Performed engine compression check 1) 74/80 2) 70/80 3) 66/80 4) 62/80 5) 72/80 6) 72/80 Master Orifice 48 psi. --- Replaced oil with qts of Aershell W100 oil. Blackstone oil sample taken. Removed oil filter, cut open & inspected for metal. No metal found at this time. Replaced oil filter with new. Run up & leak test checked good. --- C/W Annual 100hr Replacement of Engine Air Filter with new. --- C/W TCM 51D 05-7 Fuel Injection Nozzles Servicing & Cleaning. Reinstall fuel nozzles with new O-rings & seals. Leak test checked good. --- Reinstalled LH magneto s/n D07A681 and RH magneto s/n D08FA238 after Overhaul by Aero Accessories. Timed both magnetos to engine per TCM M5B64-9D. Runup & leak test checked good. --- Installed New Tech Sensor s/n C5113 in RH magneto. Function test checked good.

Maintenance Release: The aircraft, airframe, engine, propeller or appliance identified above was repaired or inspected in accordance with current maintenance rules of the Federal Aviation Administration and is APPROVED FOR RETURN TO SERVICE.

DATE: 12/7/2022

SIGNED:

*[Signature]*

Work Order: 22241

Kim Davidson  
Certified Repair Station No. YYKR676L

Printed by EBS 3 (dalcom.edis.com)

Date

Total Time

Time Since

# Engine Service and Maintenance Record

of Inspections

ENGINE MODEL:  
C-550A  
ENGINE SN: 21780  
REG. NO: 27701  
WORK ORDER: 22781



Kin Davidson Aviation, Inc.

10000 South 46th Street  
Tulsa, Oklahoma 74116  
Phone: (918) 437-4222

DATE: 02/20/24  
BY: [Signature]  
TIME: 1:15 P  
WORK: 22781

Brought Forward

### Engine Entries

I certify that this Engine has been inspected in accordance with a 100hr Inspection/Annual Inspection Checklist and has been determined to be in AIRWORTHY CONDITION. ---C/W Cylinder Compression Check 1) 7280 2) 7080 3) 6980 4) 5480 5) 5480 6) 6280. Master Oilfill 45 psi. ---Replaced oil w/ 80 of AeroShell 100W oil. Bleeders at sample taken. Removed oil filter, cut open & inspected for metal. No metal found at this time. Replaced oil filter w/ new. Run up & leak test checked good. ---C/W Annual 100hr Replacement of Engine Air Filter w/ new. ---AD 2023-02-10 Superior Air Parts Cylinders & Intake Valves, N/A per SAP Cylinders or Intake Valves Not Installed On Engine. ---AD 2023-05-18 Continental Crankshaft Counterweight Inspection, N/A per Engine Serial No. Listed On Continental MSB 23-01A. ---AD 2023-09-09 Replacement of 5pin Welded Multi-Segment Exhaust V-Band Couplings, N/A per V-Band Couplings NOT Installed. ---AD 2023-17-04 Engines with F&W Enterprises or Stratix Tool Technologies Oil Filter Adapter, N/A per Oil Filter Adapter Not Installed. ---Replaced Oil Dipstick Cap Gasket w/ new.

Maintenance Release: The aircraft, engine, propeller, or appliance identified above was repaired or inspected in accordance with current maintenance rules of the Federal Aviation Administration and is APPROVED FOR RETURN TO SERVICE.

DATE: 02/20/24

SIGNED:

Work Order: 22781

Kin Davidson  
Certified Repair Station No. 1150279

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