

N234PD

PLATINUM



CONTINENTAL MOTORS

N234PD

Aircraft Status Sheet

Cirrus SR22 G2 S/N: 1167

Engine: IO-550N(41) S/N: 1040334

Annual Inspection Due	March 3, 2027
Aircraft Registration Expiration Date	April 30, 2031
ELT Batteries Due	March 2029
ELT Remote Batteries due every 5 years	March 2027
Altimeter, Transponder, Altitude Reporter, & Static System Cert Due	July 27, 2027
Oil Change/CamGuard Due every 35 hours	Hobbs: 3342
Magneto Inspection (right) due every 500 hours	Hobbs: 3726
Continental Fuel Injection Nozzle Inspection due every 300 hours	Hobbs: 3420
Forced Aeromotive Technologies MB SR22-11-1-001 Super Charger Drive Nut Torque Check) Due every 50 hours	Hobbs: 3357
Forced Aeromotive Technologies (ICA) SC Oil Change every 100 hours	Hobbs: 3407
Engine Muffler Replacement recommended every 1000 hours (Left)	Hobbs: 4276
(Right)	Hobbs: 2166
Challenger Air Induction Filter Continued Airworthiness Servicing Due every Annual or every 100 hours	Jan 2026 Hobbs: 3407
Batt 2 Replacement every 24 months or 500 hours	May 2027 Hobbs: 3776
Cirrus SB2X-32-19 R3 (Nose Landing Gear Upper Gusset Plate and forward Weld Inspection due every 100 hours)	Hobbs: 3407
TKS Filter Replacement due 2 years or 1200 hours	Hobbs: 2751 February 2015
CAPS Rocket Motor & Chute Repack - Due every 10 years	April 02, 2034
CAPS Reefing Line Cutters due every 6 years	May 2028
Recurring Airworthiness Directives:	
ACS AD 93-05-06 (Ignition Switch) due every 2000 hours	Hobbs: 4150

Date: March 16, 2024
Hobbs: 3306.6
Aircraft Total Time: 3306.6 TTSN
Engine Total Time: 616.7 SFRM (engine installed at Hobbs 2689.9)
Propeller Total Time: 616.7 TTSN (prop installed at Hobbs 2689.9)
Propeller Cal (TIS): 5 years 2 months (prop installed Jan 4, 2021)

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

ENGINE MODEL: IO-550-N(41)
ENGINE S/N: 1040344
REG. NO. N234PD
WORK ORDER: 09392-06-2021



US Flight Aircraft Maintenance
CIRRUS AUTHORIZED SERVICE CENTER
1 WALLINGFORD RD
HANGAR 5 & 6
Danbury, CT 06810 USA
Phone: 914-288-8088

DATE: 24 June, 2021
A/C TSN: 2717.9
ENG TT: 28
FLIGHTTIME: 2717.9

Engine Entries

- 1 COMPLY WITH 1ST 25HR OIL SERVICE& TORQUE CHECK ON SUPERCHARGER... Complied with Cirrus Aircraft SR22 Maintenance Program First 25 HR inspection checklist, TCM IO-550-N 100HR checklist. Performed pre-inspection ground functional test. Drained oil. Removed, opened and inspected filter with no metals found. Torqued and secured new AA48108 filter. Performed compression test: 1) 72/80 2) 75/80 3) 70/80 4) 71/80 5) 76/80 6) 75/80. Serviced engine with 8 qts Phillips XC 20w50 oil. Serviced spark plugs. Replaced spark plug gaskets with new.

Engine was found to be in Airworthy condition.
- 2 STATIC WOT ENGINE RPM 2650, 2660 IN FLIGHT... Adjusted propeller governor to 2700 RPM.
- 3 FUEL FLOW 30GPH @ WOT... Fuel pump pressures checked and adjusted I/AW CAT Standard Practice Maintenance Manual M-0 Rev.1.
- 4 IDLE RPM 900... Lowered idle RPM to 800 RPM.
- 6 LEFT & RIGHT FUEL DRAIN LINES LOOSE/LEAKING FUEL.... Tightened fuel drain line B-nuts & torque striped.
- 9 Ran engine, no leaks noted.
UPPER DECK FUEL PRESSURE LINES NOT SECURED PROPERLY.... Removed fittings to upper deck fuel pressure lines.

I/AW AC 43.13 B cut and flared new 2024 T-4 rigid tubing.

Installed new tubing on pressure lines and secured properly.
- 12 RIGHT COLLECTOR BRACKET & BOLT WORN/ELONGATED... Removed corroded and worn hardware and discarded.

Installed new collector P/N 20153-002 with new hardware.
- 13 ENGINE INDUCTION AIR FILTER BRACKET CRACKED ON BOTH SIDES.... Welded new bracket into one side & repaired cracks on other bracket with new weld.
- 14 Installed repaired brackets with K&N Airfilter & secured with new lock nuts.
SUPERCHARGER BOOST CONTROL VALVE IS INOP.... Checked electrical connections at control valve found pin D open and pin C intermittent.

Removed faulty wiring and rewired boost control valve connector.

Ops checked good.

Technicians Who Worked On The Items Listed Above:
Bernard Paquette, Cody Barker, SCOTT SPLETZER

The work performed has been approved for return to service.

DATE: 24 June, 2021

SIGNED:


Work Order: 09392-06-2021

SCOTT SPLETZER, A&P: 3402681

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7-3-21	Hobbs: 2741.4	Installed all new Tempest URHB32\$ fine wire spark plugs. Ops check good. AP54325016ZIA
7-15-2021	Hobbs: 2749.3	Adjusted idle mixture to achieve a 30 RPM rise during shut down, IAW Continental SED 97-36. Ground run-up checks good. AP54325016ZIA


Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hours	Min	Hours	Min	
Carried forward →					
7/31/21	Hobbs: 2754.0				Changed engine oil. Serviced with 8.5 qts Phillips X/c 20W-50 and 1 pint of Comguard. New filter Tempest AA48109. Performed ground run up and leak-checks. Inspected old filter media for metal, none found. Ken [Signature] #333 2900

 AVIATION RESOURCES 101 Airport Ave, Hangar 7 Cumberland, WI 54829	N234PD				ENGINE LOG BOOK ENTRY		8/25/21
	Cirrus	SR22	S/N 1167	Flight		Hobbs	2782.7
	Continental		S/N	Flight		Hobbs	
	Hartzell		S/N	Flight		Hobbs	

Removed cowling. Removed electric boost pump and extracted broken drain fitting; installed new drain fitting P/N 50370-001; re-installed pump and installed missing drain hose P/N 6000-4. Replaced engine mount isolators with new P/N J-9613-93; replaced lock tabs with new P/N MC0851559-1. Added 1 quart of Phillips 20W50XC oil. Installed cowling. Ground run and leak check found satisfactory. (Refer to Job #234PD4 for details.)

THIS AIRCRAFT ENGINE/PROPELLER COMBINATION WAS INSPECTED AND/OR WAS REPAIRED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FAA AND IS APPROVED FOR RETURN TO SERVICE.

JIM BARKER A&P/IA 2755069
 Cell (715) 491-1303
 Email jim@aviationvibes.com



AVIATION RESOURCES, LLC
 Hangar (715) 822-5787
 www.aviationvibes.com

10/7/21	Hobbs: 2805.8				Changed engine oil and filter. Serviced with 7.25 qts Phillips X/c 20W-50 and 1 pint of Comguard, New Tempest filter AA48109. Inspected old filter media for metal, none found. Changed Supercharger oil and performed Torque Check on drive nut. Cleaned Challenger Air Filter per Document #4003 dated 3/9/04. Topped off Gill 243 battery cells w/ distilled water. Runup and leakcheck Successful. Ken [Signature] #3332900
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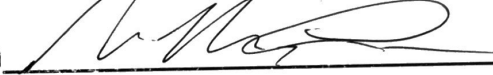
Engine Service and Maintenance Record

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

Carried f N234PD Make: Continental Model: IO-550-N(41) S/N: 1040334

Hobbs: 2855.0 Date: 3-17-2022

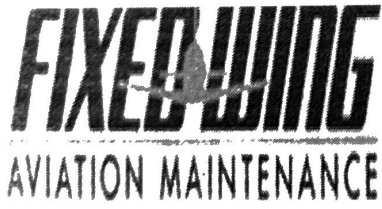
Complied with annual inspection: Change engine oil. Serviced engine with 7 qts of Phillips 20W50 XC and 1 bottle of Camguard. Replaced oil filter CH48109-1. Compressioins: 1-70/80, 2-74/80, 3-75/80, 4-71/80, 5-72/80, 6-70/80. Inspected intake and exhaust. Cleaned, gapped and rotated spark plugs. Checked all engine components for security: Checked right magneto timing. Removed and replaced left E-mag. Installed new Surfly electronic magneto, P/N SIM6C Rev D, S/N 6C-0622015. Removed and replaced Slick mag harness for electronic mag with stainless steel collars P/N CT-16. Checked all AD's through bi-weekly 2022-05. I certify this Engine has been inspected in accordance with an Annual Inspection and was determined to be in airworthy condition.

Geoffrey J. Carson  AP543250162 IA

N234PD **Make: Continental** **Model: IO-50-N(41)** **Date: 3/24/2022**
Hobbs: 2857.5

Removed Surfly magneto, P/N SIM6C Rev. D, S/N 6C-0622015, and installed Bendix Magneto (L/H), P/N 10-500556-1, S/N D011A138. Performed operational checks, no defects noted

Geoff Carson  A&P543250162IA




Fixed Wing Aviation Maintenance
 Lakeland Linder Regional Airport (KLAL)
 3760 Airfield Drive West Lakeland FL 33811
 www.fixedwingaviation.com 863-606-5757

Date: 4/12/2022; Aircraft: N234PD; Type: CIRRUS; S/N: 1167; Hobbs: 2887.2; Total Time: 2887.2; Engine - Type: ; S/N: ; Time: ; Prop - Type: ; S/N: ; Time:

- Removed left magneto P/N 10-500556-1 and installed surefly SIM S/N 6C-0622019.
- Removed left ignition harness and installed new ignition harness P/N CT16-11BS-SW.

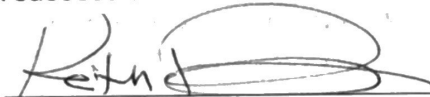
The above work was performed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service pertaining to work performed.

Steve Miller  A&P 2700197

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

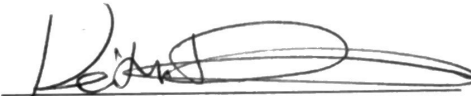
05/06/2022 Hobbs: 2911.5

Changed Engine Oil & Filter. Serviced with ^{8.5} quarts of Phillips 20W50XC oil and 1 pint of CamGuard. Installed new Tempest oil filter P/N AA48109. Inspected old oil filter media for metal: none found. Oil sample collected and sent to AvLab. Changed Supercharger Oil per F.A.T Service Bulletin 0714-002 / 7-14-16, Revision IR. Torqued Supercharger Drive Nut per F.A.T. Service Bulletin SR22-11-1-001 8/4/2020, Revision D. Cleaned and serviced Challenger Air Filter per document #4003 dated 3/9/04. Serviced Gill 243 battery cells w/ distilled water. Serviced tires with compressed air. Run-up and leak check successful.



Keith Banning, Owner PC# 3332900

07/17/2022 Hobbs: 2952.3


Changed Engine Oil & Filter. Serviced with 8 quarts of Phillips 20W50XC oil and 1 pint of CamGuard. Installed new Tempest oil filter P/N AA48109. Inspected old oil filter media for metal: none found. Oil sample collected and sent to AvLab. Torqued Supercharger Drive Nut per F.A.T. Service Bulletin SR22-11-1-001 8/4/2020, Revision D. Serviced Gill 243 battery cells with distilled water. Run-up and leak check successful.


Keith Banning, Owner PC# 3332900

N234PD 11/18/2022 Hobbs: 2991.3

Engine Log: Changed engine oil. Replenished with 8qts Phillips X/C 20w-50 and 1pt of Camguard. Replaced oil filter CH48109 with new. Performed ground run, operation/leak checks good. All work done I.A.W. SR22 and CMI IO-550-N parts and maintenance manuals.
Ronald Laskey AP3144206
Key West Aircraft Maintenance 

N234PD 12/7/2022 Hobbs: 2998.7

Engine Log: Removed, cleaned, tested, and reinstalled all(12) spark plugs with new M-674 gaskets. Performed ground run, operational checks good. All work done I.A.W. SR22 and CMI IO-550-N parts and maintenance manuals.
Ronald Laskey AP3144206
Key West Aircraft Maintenance 

N234PD SR22 S/n. 1167 4/11/2023 Hobbs/AFTT 3012.6
Engine: Continental IO-550-N(41B) S/n 1040344 TSN 322.7
Propeller MT MTV-9 S/n. 190680 TSN: 322.7

Engine Log: Complied with an Annual Inspection in accordance with FAR 43 Appendix D
-AD 2023-05-16, Crankshaft, found N/a per engine S/n and no replacement of crankshaft.
-AD 2023-02-12, Intake Valves, found N/a CMI cylinders installed with no replacement of affected parts.

All applicable AD's checked and complied with through this date

-Compression results @80psi: 1-6: 76, 78, 77, 74, 78, 78

Car

-Removed, cleaned, checked gap, tested, rotated and re-installed all(12) spark plugs with new M-674 gaskets.

-Performed annual inspections I A W Surefly Engine I C A

-Performed 100hr/annual inspections I A W Forced Aeromotive Technologies Engine I C A

-C/w FAT Service Bulletin SR22-11-1-001, Drive Nut Torque, no defects noted

-C/w FAT Service Bulletin 0714-002, Supercharger Oil Change, FAT P/n 009035

-C/w engine induction Air Filter cleaning and lubrication I A W Challenger/FAT I C A

Performed ground run, operation/leak checks good

I certify that this Engine has been inspected in accordance with a 100HR/Annual Inspection and was determined to be in an Airworthy Condition.

Ronald Laskey AP3144206IA

Key West Aircraft Maintenance



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rectives,

06/10/2023 Hobbs: 3040.8

Changed Engine Oil & Filter. Serviced with 8 quarts of Phillips 20W50XC oil and 1 pint of Aviation CamGuard. Installed new Tempest oil filter P/N AA48109. Run-up and leak check performed...none found.



Keith Banning, Owner PC# 3332900

N234PD 10/19/2023 Hobbs/AFTT: 3072.5

Engine Log:

-Changed engine oil. Replenished with 8qts Phillips X/C 20w-50 oil and 12.8oz of CamGuard.

-Replaced oil filter AA48109 with new.

-Changed supercharger oil P/n 009035 I.A.W. FAT Service Bulletin 0714-002.

-Cleaned/serviced engine induction air filter I.A.W. Challenger/FAT I.C.A.

Performed ground run, operation/leak checks good.

All work done I.A.W. SR22 and CMI IO-550-N parts and maintenance manuals and applicable STC I.C.A.'s.

Ronald Laskey AP3144206IA

Key West Aircraft Maintenance



N234PD 3/4/2024 Hobbs: 3101.8

Engine Log: Replaced SureFly SIM6C, with new Revision F. S/n on: 6C-0224002.

Performed ground run, operational checks good. All work done I.A.W. Cirrus SR22 and CMI IO-550 Series maintenance manuals and SureFly SIM6C installation instructions.

Ronald Laskey AP3144206

Key West Aircraft Maintenance



N234PD SR22 S/n: 1167 4/4/2024 Hobbs/AFTT: 3114.3
Engine: Continental IO-550-N(41B) S/n: 1040344 TSN: 424.4
Propeller: MT MTV-9 S/n: 190680 TSN: 424.4

Engine Log: Complied with an Annual Inspection in accordance with FAR 43 Appendix D.

-AD 2023-17-04, oil filter adapter, N/a, affected components not installed.

All applicable AD's checked and complied with through this date.

-Compression results @ 80psi 1-6: 74, 71, 70, 73, 72, 70.

-Removed, cleaned, checked gap, tested, rotated with-in ignition system, and reinstalled all(12) spark plugs with new M-674 gaskets.

-Performed annual inspections I.A.W. Surefly Engine I.C.A.

-Performed 100hr/annual inspections I.A.W. Forced Aeromotive Technologies Engine I.C.A.

-C/w engine induction air filter cleaning and lubrication I.A.W. Challenger/FAT I.C.A.

Performed ground run, operation/leak checks good.

I certify that this Engine has been inspected in accordance with an 100HR/Annual Inspection and was determined to be in an Airworthy Condition.

Ronald Laskey AP3144206IA

Key West Aircraft Maintenance



N234PD 4/25/2024 Hobbs: 3119.8

Engine Log:

-Replaced **RH Magneto** 10-500556-1 with overhauled by CRS# RV3R928L, W/o# SO 24-835.

S/n on: D05JA009, S/n off: D21BA147R.

-Removed, cleaned, checked gap, tested, and reinstalled all(12) spark plugs,

-Removed, cleaned, and reinstalled all(6) fuel injectors with new X1473 seals(6), 630979-9 o-rings(12), and 640612 seals(6).

-C/w FAT Service Bulletin SR22-11-1-001, Drive Nut Torque, no defects noted.

-C/w FAT Service Bulletin 0714-002, Supercharger Oil Change, FAT P/n 009035.

Performed ground run, operational checks good.

All work done I.A.W. SR22, CMI IO-550-N, and applicable STC parts and maintenance manuals.

Ronald Laskey AP3144206

Key West Aircraft Maintenance





Elite Aircraft Maintenance · 707 Rod Sullivan Rd · Sanford, NC 27330 · 9196651233

N234PD

October 04, 2024

TACH: 3166.5

Drained oil. Sample taken and remitted to avlabs. Removed and inspected filter with no discrepancies noted. Installed new AA48109 filter and serviced engine with 8 quarts of PHXC20W50 and Cam guard oil additive. Performed ground run operationally and leak checks good.

With respect to the work performed, all maintenance was accomplished in accordance with manufacturers manuals and federal regulations, thereby this engine is approved for return to service. Details of work performed are on file with Elite Aircraft Maintenance under work order: 2881.

Jeffrey Shawn Crean A&P 3230521

N234PD 1/24/2025 Hourmeter: 3220.1

Engine Log:

-Replaced B2 spark plug URHB-32S with new. Operational checks good.
All work done I.A.W. SR22 and CMI IO-550-N parts and maintenance manuals.
Ronald Laskey AP3144206
Key West Aircraft Maintenance

N234PD 12/31/2024 Hourmeter: 3202.3

Engine Log:

- Changed engine oil. Replenished with 8 qts Phillips X/C 20w-50 and 1 pint Camguard.
- Replaced oil filter AA48109 with new.
- Serviced engine induction air filter I.A.W. Challenger/T.A.T I.C.A.
- Performed ground run, operation/leak checks good. All work done I.A.W. SR22 and CMI IO-550-N parts and maintenance manuals and applicable STC instructions.

Ronald Laskey AP3144206
Key West Aircraft Maintenance



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N234PD 2/3/2025 Hourmeter: 3226.7

Engine Log:

- Replaced Spark Plugs T123456, B13456 with new URHB-32S .
- Replaced **RH Magneto**, 10-500556-1, with overhauled by Aircraft magneto Service AP3668140, W/o# 49084. S/n on: D21JA272.
- Perfomed ground run, operation/leak checks good.
- All work done I.A.W. SR22 and CMI IO-550-N parts and maintenance manuals.

Ronald Laskey AP3144206
Key West Aircraft Maintenance



02/12/2025 Hobbs: 3239.2

Changed Engine Oil & Filter. Serviced with 8 quarts of Phillips 20W50XC oil and 1 pint of CamGuard. Installed new Tempest oil filter P/N AA48109. Inspected old oil filter media for metal: none found. Changed Supercharger Oil per F.A.T Service Bulletin 0714-002 / 7-14-16, Revision IR. Torqued Supercharger Drive Nut per F.A.T. Service Bulletin SR22-11-1-001 8/4/2020. Run-up and leak check successful.



Keith Banning, Owner PC# 3332900

N234PD SR22 S/n: 1167 5/7/2025 Hourmeter/AFTT: 3275.8

Engine: Continental IO-550-N(41B) S/n: 1040344 TSN: 585.9

Propeller: MT MTV-9 S/n: 190680 TSN: 585.9

Engine Log: Complied with an Annual Inspection in accordance with FAR 43 Appendix D. All applicable AD's checked and complied with through this date.

- Compression results @ 80psi 1-6: 72, 74, 71, 68, 74, 72.
- Removed, cleaned, gapped, tested, rotated within ignition system, and reinstalled all(12) spark plugs with new M-674 gaskets.
- Performed annual inspections I.A.W. Surefly Engine I.C.A.
- Performed 100HR/Annual Inspections I.A.W. Forced Aeromotive Technologies Engine I.C.A.
- C/w engine induction air filter cleaning and lubrication I.A.W. Challenger/FAT I.C.A.
- Performed ground run, operation/leak checks good.

I certify that this Engine has been inspected in accordance with a 100HR/Annual Inspection and was determined to be in an Airworthy Condition.

Ronald Laskey AP3144206IA
Key West Aircraft Maintenance



N234PD 5/7/2025 Hourmeter/AFTT: 3275.8

Engine Log: -

- Changed engine oil. Replaced oil filter AA48109 with new. Replenished with 7qts Phillips XC 20w-50 oil and 11oz Camguard.
- Performed ground run, operation/leak checks good.

All work done I.A.W. SR22 and CMI-IO-550-N parts and maintenance manuals.

Ronald Laskey AP3144206
Key West Aircraft Maintenance



