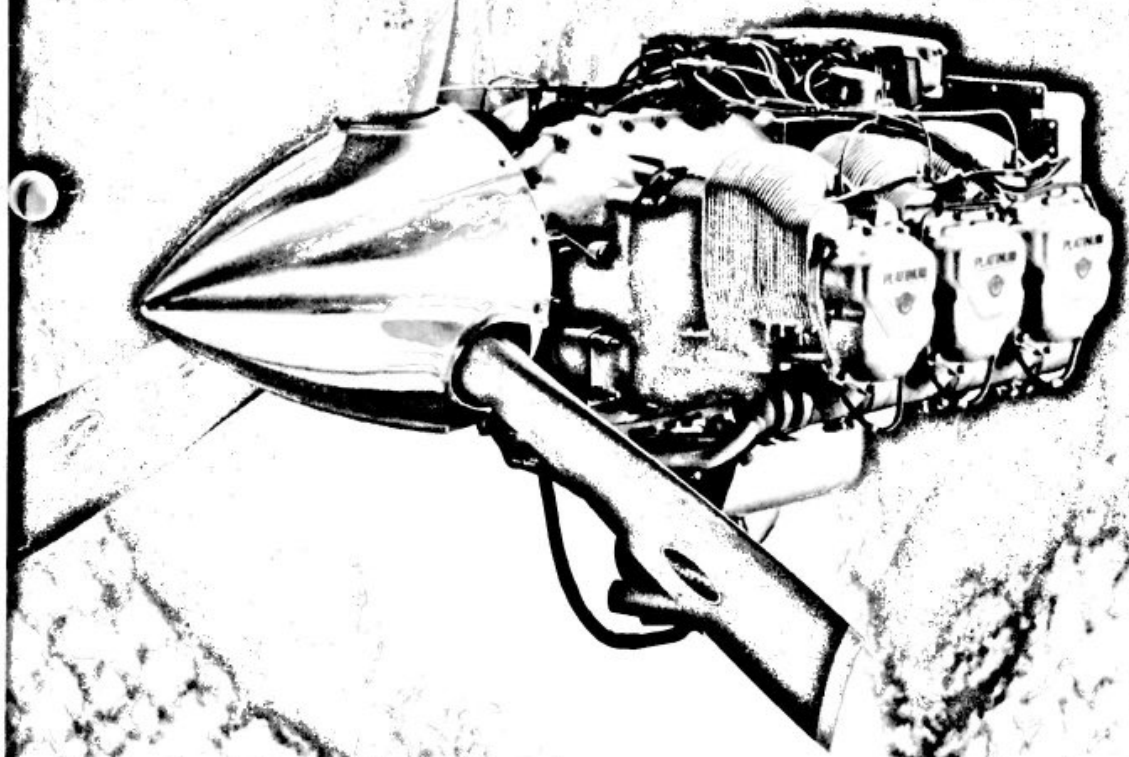


PLATINUM ENGINE LOG BOOK



CONTINENTAL MOTORS

PLATINUM ENGINE LOG BOOK



CONTINENTAL MOTORS

**USE ONLY FUEL CONFORMING TO ASTM D910
USE OF AUTOMOTIVE GAS IS NOT APPROVED.**



Teledyne Continental Motors, Inc.
A Teledyne Technologies Company

Printed: 01/24/2008

This engine model I0550N46, Serial No. 689530 was manufactured on 04/16/2007 by Teledyne Continental Motors in accordance with approved design data and the applicable requirements of Part 21 of the Federal Aviation Regulation. The approved design data for this engine incorporates all changes required by applicable Airworthiness Directives and Teledyne Continental Motors Service Bulletins.



TELEDYNE CONTINENTAL MOTORS
A TELEDYNE TECHNOLOGIES COMPANY
PRODUCTION CERTIFICATE NO. 508

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.

Bro
 ENGINE MODEL 10-550-N
 ENGINE S/N 689530
 REG. NO. 550PK
 WORK ORDER 10240-11-2007
Cirrus Design Factory Service Center
 Repair Station No. YD5R855Y
 4515 Taylor Circle
 Duluth, MN 55811
 Phone: 218-788-3101

DATE 11/9/2007
 A/C TSN 201.8
 ENG. IT 201.8
 HOBBS 201.8

Engine Entries

(2) FLT HOBBS 175.5 Hrs. Changed engine oil and filter p/n 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. Op's and leak checks good. All work was accomplished IAW Cirrus SR22 A.M.M. 12-10

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: 11/9/2007

SIGNED:


 Steven LaMourea
 Certified Repair Station No. YD5R855Y

Work Order: 10240-11-2007

Printed by EBIS 3 (datcomedia.com)

ENGINE MODEL 10-550-N
 ENGINE S/N 689530
 REG. NO. 550PK
 WORK ORDER 10303-11-2007



Cirrus Design Factory Service Center

Repair Station No. YD5R855Y
 4515 Taylor Circle
 Duluth, MN 55811
 Phone: 218-788-3101

DATE 11/27/2007
 A/C TSN 227.2
 ENG. IT 227.2
 HOBBS 227.2

Engine Entries

(2) Hobbs 227.2 Flight 200.8 Changed engine oil and filter p/n 50857-001, serviced engine with 8 quarts of Aeroshell 15W50 engine oil. Performed particulate inspection of removed filter, no discrepancies noted. Retained oil sample to be sent out for analysis. Performed operational and leak checks with satisfactory results. All work was accomplished IAW CDC A.M.M. 12-10

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: 11/27/2007

SIGNED:


 Mitch Knase
 Certified Repair Station No. YD5R855Y

Work Order: 10303-11-2007

Printed by EBIS 3 (datcomedia.com)

ENGINE MODEL 10-550-N
 ENGINE S/N 689530
 REG. NO. 550PK
 WORK ORDER 10573-01-2008



Cirrus Design Factory Service Center

Repair Station No. YD5R855Y
 4515 Taylor Circle
 Duluth, MN 55811
 Phone: 218-788-3101

DATE 1/21/2008
 A/C TSN 282.4
 ENG. IT 0.8
 HOBBS 282.4


Engine Entries

(3) Hobbs 282.5 Flight 256.2 Changed engine oil and filter P/N 50857-001, serviced engine with eight quarts of Aeroshell 20W-50 engine oil. Performed particulate inspection of removed filter, no anomalies noted. Ran engine to perform operational and leak checks with satisfactory results. All work was accomplished IAW Cirrus SR22 A.M.M. 12-20. (4) Installed TAT turbo kit P/N KITSR22-2HU S/N HU1000 IAW TAT Report 22-6480001. (21) Replaced R/H engine fuel manifold drain line, (p/n 13913-002), IAW CDC A.M.M. 71-70

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: 1/21/2008

SIGNED:


 Peterson, Daniel J
 Certified Repair Station No. YD5R855Y

Work Order: 10573-01-2008

Printed by EBIS 3 (datcomedia.com)

ENGINE MODEL 10-550-N
 ENGINE S/N 689530
 REG. NO. 550PK
 WORK ORDER 11219-05-2008



Cirrus Design Factory Service Center

Repair Station No. YD5R855Y
 4515 Taylor Circle
 Duluth, MN 55811
 Phone: 218-788-3101

DATE 5/13/2008
 A/C TSN 364.8
 ENG. IT 364.8
 HOBBS 364.8

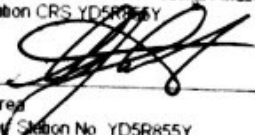
Engine Entries

(3) (FLT TIME 338.4) Changed engine oil and filter, Champion CH48108-1, P/N 50857-001. Serviced engine with 8 quarts of Aeroshell 15W-50 engine oil. Performed particulate inspection on old filter, checked satisfactory. Performed operational and leak checks. Op's and leak checks good. All work was accomplished IAW Cirrus SR22 A.M.M. 12-10

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: 5/13/2008

SIGNED:


 Steven LaMourea
 Certified Repair Station No. YD5R855Y

Work Order: 11219-05-2008

Printed by EBIS 3 (datcomedia.com)

Engine Service and Maintenance Record

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

Total Time		Time Since Last Overhaul	
Hrs.	Min.	Hrs.	Min.

ENGINE MODEL 10-550-N
ENGINE S/N 689530
REG NO 550PK
WORK ORDER
11317-06-2008

Cirrus Design Factory Service Center

Repair Station No YD5R855Y
4515 Taylor Circle
Duluth, MN 55811
Phone 218-788-3101

DATE 6/13/2008
A/C TSN 388 6
ENG TT 388 6
HOBBS 388 6

Engine Entries

(5) Flight meter 362.2 - Performed engine 100HR/Annual inspection IAW cirrus mm chapter 5-20 and 5-30 (8) Researched ADs through bi-weekly issue 2008-13, 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 P/N CH48108-1 and serviced engine with 8QTS of Aeroshell 15W-50 oil. Leak and operational check good, work performed IAW cirrus mm chapter 12-10 (12) Performed engine cylinder compression and boroscope inspections, no discrepancies noted on boroscope inspection, compressions are as follows #1 66/80, #2 70/80, #3 52/80, #4 55/80, #5 58/80, #6 69/80, master onife reading of 46, work performed IAW T C M MM section 19, and T C M S B 03-3 (13) Removed and replaced all spark plugs p/n RHB32E and gaskets p/n 50907-001 IAW T C M MM section 12, operational checked good (14) Performed magneto to engine timing inspection, no discrepancies noted on inspection, work performed IAW TAT Report 22-6460001 (15) Removed and replaced induction air filter with new, P/N 33-2022 IAW standard maintenance practices (16) Removed, cleaned, inspected, and reinstalled fuel injection nozzles IAW T C M MM section 5 (17) Performed fuel pressure setups IAW TAT Report 215-10 (25) Complied with Tornado Alley time limits and maintenance checklist for turbo ICA (50) Replaced R/H turbo upper gasket from oil line to t-charger base P/N 652100 Done IAW TAT Report 22-6460001 (55) Installed foam seal and sealed area around L/H intercooler Done IAW CDC AMM 71-00 and standard maintenance practices (58) I certify that this engine has been inspected IAW a 100hr/Annual inspection and was determined to be in an airworthy condition

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: 6/13/2008

SIGNED:

Joseph Sullivan
Certified Repair Station No YD5R855Y

Work Order: 11317-06-2008

Printed by EBis 3 (datcomedia.com)

1 of 1

7/7/08 HOBBS 453.6 CHANGED ENGINE
FLIGHT 427.2 oil + FILTER. 8qts 15W50
oil + CH48108-1 FILTER INSTALLED.
CUT APART OLD FILTER. NO DISCREPANCIES
NOTED. PERFORMED GROUND RUN UP. PP'S
+ LEAK CHECKS GOOD. Kevin J. Zubel
AUG 26 2008

ENGINE MODEL 10-550-N
ENGINE S/N 689530
REG NO 550PK
WORK ORDER
11665-07-2008

Cirrus Design Factory Service Center

Repair Station No YD5R855Y
4515 Taylor Circle
Duluth, MN 55811
Phone 218-788-3101

DATE 7/27/2008
A/C TSN 502
ENG TT 502
HOBBS 502

Engine Entries

(3) Performed turbo/engine system set ups IAW Tornado Alley Turbo Maintenance Manual Ground run/operational check satisfactory

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: 7/27/2008

SIGNED:

Erick Gjodin
Certified Repair Station No YD5R855Y

Work Order: 11665-07-2008

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Brought Forward →

Date: 8/06/2008; Aircraft: N550PK; Type: SR22; S/N: 2525; Hobbs: 508.2; Total Time: 481.8; Engine - Type: Continental IO-550-N, S/N: 689530, Time: 508.2

Changed oil & filter. Inspected filter. Installed a new CH48108-1 oil filter & 8 quarts Aeroshell 15w50. Run up & leak check ok.

This aircraft, airframe, aircraft engine, propeller, or appliance was repaired and inspected in accordance with current FAR's and was found to be airworthy for return to service. Pertinent details of the repair are on file at this Certified Repair Station Q6UR446Y.

Monaco Air Duluth, LLC - 4535 Airport Approach Rd. - Duluth, MN 55811
(218) 727-2911

Signature: *James Imbrey*
AIP 2751176

ENGINE MODEL IO-550-N
ENGINE S/N 689530
REG NO 550PK
WORK ORDER
11971-09-2008



Cirrus Design Factory Service Center

Repair Station No. YD5R855Y
4515 Taylor Circle
Duluth, MN 55811
Phone 218-788-3101

DATE 9/17/2008
A/C TSN 568 1
ENG TT 568 1
HOBBS 568 1

Engine Entries

(3) (FLT TIME 541.7 Hrs) Changed engine oil and filter, Champion CH48108-1, P/N 50857-001. Serviced engine with 8 quarts of Aeroshell 15W-50 engine oil. Performed particulate inspection on old filter, checked satisfactory. Performed operational and leak checks. Op's and leak checks good. All work was accomplished IAW Cirrus SR22 A M M 12-10. (4) Removed magnetos RH P/N 10-500556-101 S/N D07CA280 LH P/N 10-500556-101 S/N D07CA281 Installed magnetos RH P/N 10-500556-101S S/N D07DA102 LH P/N 10-500556-101S S/N D07JA015 work performed IAW TCM MM X30634A Function check good.

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: 9/17/2008

SIGNED: *Steven LaMourea*
Steven LaMourea
Certified Repair Station No. YD5R855Y

Work Order: 11971-09-2008

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL IO-550-N
ENGINE S/N 689530
REG NO 550PK
WORK ORDER
12354-12-2008

Cirrus Design Factory Service Center

Repair Station No. YD5R855Y
4515 Taylor Circle
Duluth, MN 55811
Phone 218-788-3438

DATE 12/5/2008
A/C TSN 616 5
ENG TT 616 5
HOBBS 616 5

Engine Entries

(2) Flight time is 590.1 hrs. (4) (Flt Hobbs 590 1) Changed engine oil and filter, Champion CH48108-1, P/N 50857-001. Serviced engine with 8 quarts of Aeroshell 15W-50 engine oil. Performed particulate inspection on old filter, checked satisfactory. All work was accomplished IAW Cirrus SR22 A M M 12-10. (6) Removed and replaced R/H waste gate linkage clevis pin P/N M20392-1C19 IAW Tornado Alley Turbo Maintenance Manual.

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: 12/5/2008

SIGNED: *Curt Kracke*
Curt Kracke
Certified Repair Station No. YD5R855Y

Work Order: 12354-12-2008

Printed by EBis 3 (datcomedia.com)



Monaco Air Duluth, LLC.
4535 Airport Approach Rd
Duluth, MN 55811 (218) 727-2911
Cirrus Authorized Service Center

Date: 4/28/2009; Aircraft: N550PK; Type: SR22; S/N: 2525; Hobbs: 674.7; Total Time: 674.7; Engine - Type: IO-550-N, S/N: 689530, Time: 674.7

Shop Order #: 09-7105

Engine Work

(FLT TIME: 648.3 Hrs.)

Changed oil and filter P/N CH-48108-1. Serviced with 8 quarts Aeroshell 15W50. Cut open and inspected oil filter, no discrepancies noted. Operational and leak checks good. All work done IAW CDC AMM 12-10.

This aircraft, airframe, engine, propeller and/or appliance was repaired and/or inspected in accordance with current FAR's and manufacturer's instructions and was found to be airworthy for return to service.

Signature: *James Imbrey*
AIP 2841160

ENGINE S/N 689530
REG. NO 550PK
WORK ORDER
12725-04-2009



Cirrus Design Factory Service Center
Repair Station No. YD5R855Y
4514 Taylor Circle
Duluth, MN 55811
Phone 218-788-3438

DATE: 4/29/2009
AVC TSN 724.5
ENG TT 724.5
HOBBS 724.5

Engine Entries

(2) Adjusted fuel pressure and MAP IAW TAT Report 215-10. Ground run satisfactory.

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: 4/29/2009

SIGNED:
Mitch Knase
Certified Repair Station No. YD5R855Y

Work Order: 12725-04-2009
Printed by EBis 3 (datamedia.com)

ENGINE MODEL IO-550-N
ENGINE S/N 689530
REG. NO 550PK
WORK ORDER
12849-06-2009



Cirrus Design Factory Service Center
Repair Station No. YD5R855Y
4514 Taylor Circle
Duluth, MN 55811
Phone 218-788-3438

DATE: 6/15/2009
AVC TSN 724.5
ENG TT 724.5
HOBBS 724.5

Engine Entries

(2) (FLT TIME: 698.1) Changed engine oil and filter, Champion CH48108-1, P/N 50857-001. Serviced engine with 8 quarts of Aeroshell 15W-50 engine oil. Performed particulate inspection on old filter, checked satisfactory. Performed operational and leak checks with satisfactory results. All work accomplished IAW Cirrus SR22 AMM 12-10. (3) Complied with Tornado Alley Turbo service bulletin TAT 5108-01 Rev A. Inspection and cleaning of crank case oil discharge tube on the left exhaust IAW Service Bulletin Instructions. (4) Complied with Tornado Alley Turbo Service Bulletin TAT 5B09-01 turbo mounting flange inspection IAW Service Bulletin Instructions. No defects noted.

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: 6/15/2009

SIGNED:
Peterson, Daniel J
Certified Repair Station No. YD5R855Y

Work Order: 12849-06-2009
Printed by EBis 3 (datamedia.com)



4535 Airport Approach Rd. Duluth, MN 55811
(218) 727-2911
Cirrus Authorized Service Center
Cessna Authorized Service Facility

Date: 8/07/2009; Aircraft: N550PK; Type: SR22; S/N: 2525; Hobbs: 752.1; Total Time: 752.1; Engine - Type: IO-550-N, S/N: 689530, Time: 752.1, SMOH: 752.1

Shop Order #: 09-7204
(FLT TIME: 725.7Hrs.)

Performed 100 Hr inspection of engine IAW CDC AMM 5-20 and 5-30.
Researched engine ADs thru current bi-weekly 2009-16.
Changed engine oil and filter, Champion CH48108-1. Serviced with 8 qts of Phillips 20W50 Type M engine oil.
Performed particulate inspection on filter, checked good. Ops and leak checks good. All work IAW CDC AMM 12-10.
Performed engine cylinder compression and borescope inspections, no discrepancies noted. Compressions as follows: #1 65/80, #2 71/80, #4 65/80, #6 71/80, master orifice reading of 41/80. Work performed IAW TCM MM and SB 03-3.
Performed engine fuel pressure setup IAW TAT Report 215-10.
Adjusted magneto to engine timing as required IAW TCM overhaul manual.
Removed cylinders #3 and #5 and sent to Bolduc Aviation for repair. See Bolduc Aviation Work Order #23310 dated 7/23/09 for details. Reinstalled cylinders #3 and #5 IAW TCM IO-550 overhaul manual.
Removed starter and starter adapter and replaced with new adapter P/N 642083-1A2 and Skytec starter P/N 657596 S/N 4C3-260949.
I certify that this engine has been inspected in accordance with a 100 hr inspection and was determined to be in an airworthy condition.

This aircraft, airframe, engine, propeller and/or appliance was repaired and/or inspected in accordance with current FAR's and manufacturer's instructions and was found to be airworthy for return to service.

Signature:
Rick Hagberg A&P 3268908

ENGINE MODEL IO-550-N
ENGINE S/N 689530
REG. NO 550PK
WORK ORDER
13060-08-2009



Cirrus Design Factory Service Center
Repair Station No. YD5R855Y
4514 Taylor Circle
Duluth, MN 55811
Phone 218-788-3438

DATE: 8/24/2009
AVC TSN 773.2
ENG TT 773.2
HOBBS 773.2

Engine Entries

(2) (Flight Time: 746.9) Changed engine oil and filter IAW Cirrus SR22 AMM chap 12-10. Replaced filter with new p/n 50857-001 (CH48108-1) and serviced engine with 8 qts of Aeroshell 15W50 oil. Run-up and leak check satisfactory.

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: 8/24/2009

SIGNED:
Aaron Holmgren
Certified Repair Station No. YD5R855Y

Work Order: 13060-08-2009
Printed by EBis 3 (datamedia.com)

Engine Service and Maintenance Record

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

Total Time	Time Since Last Overhaul	
	Hrs.	Min.
Brought Forward		

ENGINE MODEL: IO-550-N
ENGINE S/N: 689530
REG. NO: N550PK
WORK ORDER: 13148-09-2009



Cirrus Design Factory Service Center

Repair Station No. YD5R855Y
4514 Taylor Circle
Duluth, MN 55811
Phone: 218-788-3438

DATE: 10/8/2009
A/C S/N: 8454
ENR: TT 8454
FLIGHTTIME: 819.1

Engine Entries

(4) Drained engine oil and took oil sample, removed oil filter and performed particulate inspection, no discrepancies noted, installed new oil filter P/N CH48108-1 and serviced engine with 8QTS of Aeroshell 15W50 oil. Leak and operational check good, work performed IAW Cirrus mm chapter 12-10. Next oil change due at Flight time of 869.1. (22) Removed LH exhaust manifold assy. Removed and replaced #6 cylinder O/B fwd exhaust stud P/N 654434P010, and replaced LH exhaust manifold. All work accomplished IAW TAT 22-6460004 and TCM OBM FORM X30568A 6-23.

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: 10/8/2009

SIGNED: *Charles Bernu*
Charles Bernu
Certified Repair Station No. YD5R855Y

Work Order: 13148-09-2009
Printed by EBis 3 (datcomedia.com)

N550PK Cirrus SR22 S/N 2525 Flight Meter 877.6

11/24/09 Replaced inoperative #1 Alternator with new Alternator (P/N 656802, S/N J081823), operational and leak check good. Changed oil and inspected and replaced oil filter (no metal noted). Engine serviced with 6 quarts Aeroshell 15W-50. Engine run-up and leak checked good. Complied with Tornado Alley Service Bulletin TAT SB09-01, (Manifold inspection), dated 4/10/09, no defects noted. Complied with TAT SI08-01 Rev. A, crankcase breather restriction by clearing tailpipe breather elbow.

Jeffrey T. Nuttall
Jeffrey T. Nuttall AP2694634IA
Aero Services, Inc.

133 Municipal Dr. Nampa, ID 83687

W.O. # 7218

N550PK Cirrus SR22 S/N 2525 Flight Meter 936.2

2/23/10 Changed oil and inspected and replaced oil filter (no metal noted). Engine serviced with 6 quarts of A/S 15W-50. Manifold pressure reported to be extremely high. Backed out turbo controller screw about 50-55 degrees to lower the manifold pressure to a reasonable level for test flight.

Jeffrey T. Nuttall
Jeffrey T. Nuttall AP2694634IA
Aero Services, Inc.

133 Municipal Dr. Nampa, ID 83687

W.O. # 7274

N550PK Cirrus SR22 S/N 2525 Flight Meter 995.5

5/19/10 Changed oil and inspected and replaced oil filter (no metal noted). Serviced engine with 6 quarts of A/S 15W-50. Engine leak checked good.

Jeffrey T. Nuttall
Jeffrey T. Nuttall AP2694634IA
Aero Services, Inc.

133 Municipal Dr. Nampa, ID 83687

W.O. # 7349

N550PK Cirrus SR22 S/N 2525 Flight Meter 1031.3

6/22/2010 Changed oil and inspected and replaced oil filter (no metal noted). Serviced 7 quarts of Aeroshell 15W-50. Complied with TAT SB10-02 (Tail Pipe Brackets), dated 1/20/10. Assisted identifying engine oil leaks (unable to determine source). Complied with TAT SI08-01 Rev. A (Breather Cleanout) dated 4/27/09. Complied with TAT SB09-01 (Exhaust Manifold Inspection), dated 4/10/09. No defects noted.

Jeffrey T. Nuttall
Jeffrey T. Nuttall AP2694634IA
Aero Services, Inc.

133 Municipal Dr. Nampa, ID 83687

W.O. # 7370


N550PK

Cirrus SR22

S/N 2525

Flight Meter 1124.7

9/1/10 100 Hour Inspection completed. Changed oil and inspected and replaced oil filter (no metal noted). Checked engine compression (#1-70, #2-40, #3-74, #4-70, #5-75, #6-72 / all over 80 p.s.i.). Engine serviced with 6 quarts of Aeroshell 15W-50. Removed #2 cylinder for low compression, replaced exhaust valve (TCM P/N 655771), exhaust valve guide (ECI P/N AEC643767HC), and intake valve (655783). Ground valve seats and lapped new valves to seats. Reinstalled cylinder with new gaskets. Replaced all spark plugs because of wear (Champion P/N RHB32E). **Removed magnetos and inspected magneto contacts. Replaced contact assembly (TCM P/N 10-382584) in the right magneto and set internal timing. Adjusted left magneto contacts to proper e-gap and verified the point gap is within limits.** Removed fuel pump because of oil leak, cleaned mating surfaces, re-installed fuel pump with new gasket (649982). Engine run-up checked good. "I certify this engine has been inspected in accordance with a 100 Hour Inspection and has been determined to be in airworthy condition". Engine time since major overhaul is 1124.7 hours.


 Jeffrey T. Nuttall AP2694634IA
 Aero Services, Inc.

133 Municipal Dr.

Nampa, ID 83687

W.O. # 7423

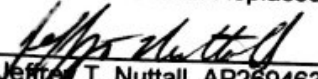
N550PK

Cirrus SR22

S/N 2525

Flight Meter 1185.6

10/15/2010 Changed oil and inspected and replaced oil filter (no metal noted). Engine serviced with 7 quarts Aeroshell 15W50. Replaced defective #6 cylinder EGT probe (Cirrus P/N 16579-002). Engine run-up checked good.


 Jeffrey T. Nuttall AP2694634IA
 Aero Services, Inc.

133 Municipal Dr.

Nampa, ID 83687

W.O. # 7473

ENGINE MODEL: IO550N **TDL Aero Enterprises**
 ENGINE S/N: 899530
 REG. NO: N550PK
 WORK ORDER: 00000442
 Repair Station No. 7TLR012B
 44 MACREADY DRIVE
 Merced, CA 95340
 Phone: 209-722-7300

DATE: 1/11/2011
 A/C TSN: 1229.9
 ENG TT: 1229.9
 TACH: 1229.9

Engine Entries

REMOVED COWLING, DRAINED OIL, REMOVED AND REPLACED OIL FILTER, FILTER INSPECTED, SERVICED WITH AERO SHELL 100W, DEGREASED ENGINE, RUN UP LEAK CHECK COMPLETED, REINSTALLED COWLING... Pulled top and bottom spark plugs, cleaned, pressure checked and reinstalled,

Maintenance Release

The aircraft and/or component(s) on N550PK was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service.

DATE: 1/11/2011

SIGNED: 

Work Order: 00000442

Chris Palage
 Certified Repair Station No. 7TLR012B

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ENGINE MODEL: IO550N **TDL Aero Enterprises**
 ENGINE S/N:
 REG. NO: N550PK
 WORK ORDER: 00000457
 Repair Station No. 7TLR012B
 44 MACREADY DRIVE
 Merced, CA 95340
 Phone: 209-722-7300

DATE: 1/24/2011
 A/C TSN: 1243.5
 ENG TT: 1243.5
 TACH: 1243.5

Engine Entries

Pulled Cowlings, Set Up Fuel Gauges, Performed Engine Fuel System Set Up IAW TAT 22-6460004 Page 29 Section F Section A, Performed Test Flight, All Values Are With In Spec, Recowled Aircraft,

Maintenance Release

The aircraft and/or component(s) on N550PK was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service.

DATE: 1/24/2011

SIGNED: 

Work Order: 00000457

Chris Palage
 Certified Repair Station No. 7TLR012B

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ENGINE MODEL: IO-550-N
ENGINE S/N: 889530
REG. NO: N550PK
WORK ORDER: 00000642

TDL Aero Enterprises
Repair Station No. 7TLR012B
44 MACREADY DRIVE
Merced, CA 95340
Phone: 209-722-7300

DATE: 11/2/2011
A/C TSN: 1368.4
ENG TT: 1313.1
HOBS: 1409.9

Flight 3347

Maintenance Record

Business Directives, Special Inspections

Engine Entries

IAW A ANNUAL Inspection, Complied with Cirrus Design maintenance manual Chapter 05-20 for model SR22 AMM dated May 31, 2011. Compression check: 1: 52/80 2: 58/80 3: 62/80 4: 58/80 5: 70/80 6: 60/80. Master Orifice: 34 PSI. Complied with 50/100 hour inspection IAW Cirrus/Tornado Alley 22-6460004 Continued Airworthiness Rev. A dated Apr 10, 2009. Complied with 100-500 hour scheduled servicing requirements. Washed down engine and run-up leak check performed.... Complied with service bulletin TAT SB11-04. Removed, inspected, and cleaned turbocharger oil supply inlet screen.... Removed exhaust grounding strap on pilots side and replaced with new grounding strap.... Removed ALT #1 baffle drilled out loose rivets, installed new rivets to ALT #1 baffle.... Pilots side exhaust heat shields Positioned clamps in proper place, tightened clamps into place.... Removed rocker covers and gaskets, cleaned surface areas installed new gaskets on cylinder #2... Removed ripped insulation and aluminum tape from fresh air inlet, installed new aluminum tape to fresh air inlet.... Removed loose rivet from pilots side fwd silicone baffle rubber, repositioned rubber installed new rivet.... Replaced RH exhaust stack with new... Replaced RH waste gate with new

Maintenance Release

The aircraft and/or component(s) on N550PK was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service.

DATE: 11/2/2011

SIGNED:

Work Order: 00000642

Printed by EBIS 3 (datcomedia.com)

Chris Pelage
Certified Repair Station No. 7TLR012B

2 of 2

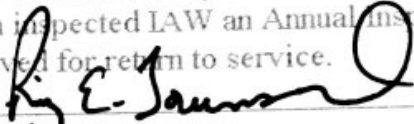
3/16/12 N550PK engine Hobbs: 1409.9 FLT hrs: 1368.4

Changed engine oil and filter CH48108-1. Serviced engine with 7 qts AS100. Washed engine and compartment. Performed ground run and leak check good. Levi Lawson A&P 2920384

N550PK engine 9/28/12 ACTT: 1446.8 ETSN 1446.8

Changed engine oil and filter CH48108-1. Serviced with AS100 and washed engine and compartment. Performed ground run and leak check good. Ricky E. Townsend A&P488843646IA

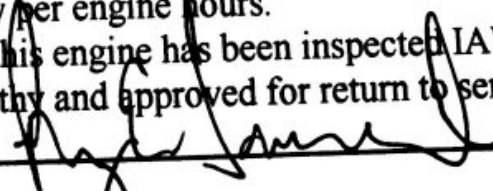
Record inspections,

N550PK Engine Feb. 1 2013 ACTT: 1483.9 ETSN: 1483.9
Complied with Cirrus SR22 Scheduled Inspection Report 100 hr. Items and instructions for continued airworthiness. Changed engine oil and filter CH48108-1. Examined filter element and determined no abnormalities. Took oil sample and sent out for analysis. Ref attached sheet from AVLABS. Serviced engine with 8 qts. AS80. Compressions: (1) 60 (2) 65 (3) 65 (4) 68 (5) 65 (6) 62. Replaced engine driven alternator with new ES10024 P/N H-M090307. 500 hour inspection due 1983 ACTT. Replaced left and right turbochargers with overhauled 466304-9003 S/N H-PDR00246 on left and S/N XC000027 on right. Next due 2483 ACTT. Recommended and 3483 ACTT not to exceed. Replaced magneto pressurization filter P/N 1396-2. Next due 1783 ACTT. Replaced ignition harness with new C16-2BSII from skytronics. All AD's complied with to date. I certify that this engine has been inspected IAW an Annual inspection and is determined to be airworthy and is approved for return to service.
Ricky E. Townsend A&P488843646IA 

AUTOPILOTS CENTRAL, INC.
3112 N. 74th East Ave.
Hangar #23, Tulsa Intl. Airport
TULSA, OKLAHOMA 74115

N550PK SR22 FLIGHT HMM 1461.9
RETORQUED #4 CYL FUEL NOZZLE
LINE, CHANGED OIL & FILTER.
SERVICED WITH AS80 WIRD OIL.
Ricky E. Townsend
CMA 22747K
WAT MA13-04055 7/15/13

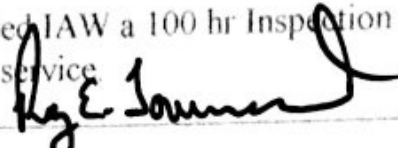
(918) 836-6418

N550PK engine Hour mtr/ACTT: 1515.0 ETSN: 1515.0 4/1/14
Complied with SR22 Scheduled inspection Report 100 hr and Instructions for Continued Airworthiness. Oil and filter were not changed at this time due to hours. Compressions: 1) 62 2) 65 3) 70 4) 70 5) 70 6) 65 Replaced #4 cylinder induction gasket 649950. AD 12-03-06 Fuel Servo does not apply per manufacturer. AD 12-10-13 start adapters does not apply per engine hours. No AD's apply at this time. I certify that this engine has been inspected IAW an Annual Inspection and is determined to be airworthy and approved for return to service.
Ricky E. Townsend A&P488843646IA 

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Re Installations, Inspections, Airworthiness Directives, Special Ins Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	

N550PK engine 6/8/15 ETSN: 1532.1

Complied with SR22 Scheduled Inspection Report 100 hr. Inspection items and instructions for continued airworthiness from Tornado Alley. Compressions 1) 60 2) 65 3) 65 4) 68 5) 65 6) 62. Removed left wastegate assembly and installed in repaired condition with new FG0120830 gasket. FAA form 8130-3 on file under wo# 4807 at CRS# QYIR334Y Replaced wastegate controller reference hose with new 124F003-3CR0090. Installed new EGT sensor P/N 16579-002 in #3 position. Replaced induction air filter with new KN 33-2022. Repaired leak at right exhaust slip joint. No AD's apply at this time.

I certify that this engine has been inspected IAW a 100 hr Inspection and is determined to be airworthy and approved for return to service.
Ricky E. Townsend A&P4888436461A 

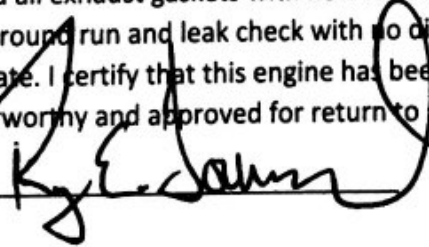
N550PK engine 10/1/16 ACTT/TSN : 1550

Complied with SR22 Scheduled inspection report 100 hr items and instructions for continued airworthiness per Tornado Alley schedule. Changed engine oil and filter CH48108-1. Examined filter and determined no abnormalities. Compressions 1) 62 2)60 3)70 4) 55 5) 68 6)62. Replaced elbow fitting AN842-4 at fuel flow divider. Removed engine driven fuel pump P/N ETI-SR22-2-11 S/N 088 and installed in repaired condition. FAA form 8130-3 on file under WO# 16-517 at Great Planes Fuel Metering IAW Tornado Alley TAT SB12-02 and CMI SB00-10. Checked fuel pressures IAW 22-6460004 and no adjustments were required. Performed ground run and leak check with no discrepancies noted. AD2016-16-12 does not apply per TCM cylinders installed. No airworthiness directives apply at this time. I certify that this engine has been inspected IAW a 100 hour Inspection and is determined to be airworthy and is approved for return to service.

Levi Lawson A&P2920384 

N550PK engine 9/1/17 TSN Hobbs:1579.2 Flight: 1537.6

Complied with SR22 Scheduled Inspection Report 100 hour items and applicable instructions for continued airworthiness. Complied with TAT scheduled maintenance checks 100 and 50 hour items. Changed engine oil and filter CH48108-1. Sent filter and oil sample to AVLABS ref: report. Serviced engine with 8 qts. AS100. Compressions: 1)47 2)62 3)60 4)64 5)70 6)62 Replaced Cylinder and piston ~~with new TCM 658595A28A~~ ~~S/N AC17CB518.~~ Installed with new seals, gaskets and piston pin 630046. ~~Replaced cylinder and piston #4~~ ~~with new TCM 658595A28P S/N AC17CB490.~~ Installed with new seals, gaskets and piston pin 630046. Ref: TCM SB96-7C for torques. Complied with TAT SI15-02 turbos. TAT SI11-01 exhaust slip joints. TAT SB09-01 exhaust manifold inspection. Replaced all exhaust gaskets with new no blow type. Adjusted turbo controller down 1" MAP. Performed ground run and leak check with no discrepancies noted. Researched AD's all applicable complied with to date. I certify that this engine has been inspected IAW an Annual Inspection and is determined to be airworthy and approved for return to service.

Ricky E. Townsend A&P4888436361A 

N550PK engine

TSN/ Hours: 1595.3

10/2 18

Complied with SR22 Schedule inspection Report 100 hour items and instructions for continued airworthiness. Oil was not changed due to hours.

I certify that this engine has been inspected /AW in Annual Inspection and is determined to be airworthy at this time.

Ricky E. Townsend A&P488843646IA

[Signature]

Phillipsburg Airport LLC
Engine LOG

N550PK S/N 2525
DATE 10/01/2019 FLIGHT 1582.8
MAKE Cirrus HOBBS 1624.4
Model SR22

- 1.C/W 100 hours / ANNUAL INSPECTION in accordance with FAR 43 APENDDIX D, Using Cirrus AMM as a guide.
- 2..Removed ,cut open oil filter and inspected, no defects noted. Installed new oil filter P/N AA48108-2. Serviced engine with 8 QT of 20/50 Phillips.
3. Checked compression #1 71 #3 60 # 5 74 #2 58 #4 72 #6 58 over 80. M.O 43.
4. R&R MAG filter P/N 04-6700015.
5. R&R 12 Spark plugs P/N URHB32E.
6. Cleaned fuel injectors.

I certify that this engine has been inspected in accordance with (annual) inspection and was determined to be in airworthy condition.
A/P 2796210291/A Richard Booze

[Signature: Richard Booze]

ENGINE LOG

6-25-2020

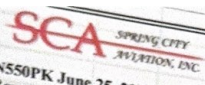


N550PK	Eng. S/N: 689530
Make: Cirrus	Model: IO550N46
Hobbs: 1679.8	Tach: 1636.9
TTSMOH:	

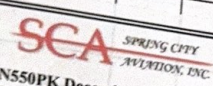
1. Removed and cut open oil filter, NDN installed new oil filter P/N AA48108-2. Serviced engine with 8 QT of 20/50 Phillips.

Echota Henderson A&P 4076904

[Signature]



Spring City Aviation, Inc. 2525 Aviation Drive Waukesha, WI 53188 (262) 547-8988
Engine Logbook Entry
 N550PK June 25, 2021 Hobbs: 1,734.8 FLT Hobbs: 1,691.1
 Removed starter (SkyTec C24ST3 S/N 4C3-260949), installed New starter (P/N PL13484 S/N H-V062869). Weight and balance updated this date.
 Operational and leak checks performed and found satisfactory for return to service. Tyler J. Olson AP3295167



Spring City Aviation, Inc. 2525 Aviation Drive Waukesha, WI 53188 (262) 547-8988
Engine Logbook Entry
 N550PK December 21, 2021 Hobbs: 1,784.5 FLT Hobbs: 1,740.8 TTE: 1,784.5
 Performed an annual/100hr inspection IAW FAR 43 Appendix D. The following was accomplished: Removed, cleaned, inspected, tested, gapped, rotated, and re-installed spark plugs with New gaskets. Compressions as follows: #1 70/80, #2 67/80, #3 60/80, #4 76/80, #5 76/80, #6 60/80, M.O. 48/80. Checked and adjusted mag timing, installed New magneto filter (P/N 1396-2). Secured turbo actuator mounting hardware. Changed oil and filter, took AOA sample; cut open old filter to check for contaminants, no discrepancies noted. Installed New filter (P/N CH48108-1) and serviced with 8qts Phillips X/C 20W-50 oil. Tightened all rocker screws. ADs checked through 2021-24, none applicable at this time. Operational and leak checks performed and found to be satisfactory. I certify that this engine has been inspected in accordance with an annual inspection and has been found to be in an airworthy condition. Tyler J. Olson AP3295167A



Spring City Aviation, Inc. 2525 Aviation Drive Waukesha, WI 53188 (262) 547-8988
Engine Logbook Entry
 N550PK July 21, 2022 Hobbs: 1,810.6 FLT Hobbs: 1,766.3 TTE: 1,766.3
 Changed oil and filter, took AOA sample. Cut open old filter to inspect for contaminants—no discrepancies noted. Installed New filter (P/N AA48108-1), serviced with 8qts Phillips X/C 20W-50 oil. Operational and leak checks performed satisfactory for return to service.
 Tyler J. Olson AP3295167

(41-70) 81303-01-1
 It is important to understand that the existing information in this logbook is not intended to be a substitute for the instructions and procedures in the applicable maintenance manual. The user must refer to the applicable maintenance manual for the correct procedures. The user must also refer to the applicable maintenance manual for the correct procedures. The user must also refer to the applicable maintenance manual for the correct procedures.
 Hope Valentine
 I, the undersigned, certify that the information contained herein is true and correct to the best of my knowledge and belief.
 I, the undersigned, certify that the information contained herein is true and correct to the best of my knowledge and belief.
 Non-applicable
 Applicable

ENGIN
 ENGIN
 REG 1
 WORRY
 Eng
 6
 18
 18
 21
 22

ENGINE MODEL: IO550N46
ENGINE S/N: 689530
REG. NO. N550PK
WORK ORDER: 09812-12-2022

US Flight Aircraft Maintenance

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

DATE: 17 February, 2023
A/C TSN: 1832.2
ENG TT: 1788.5
FLIGHTTIME: 1788.5

Engine Entries

- 6 *FUEL INJECTOR NOZZLES SERVICE DUE EA 300 HRS OR ANNUALLY PER CIRRUS SR-22 AMM 5-20 CHECKLIST AND TCM SID 05-7 ICA. AND GAMI IP-2001-02.... Cleaned fuel injectors using ultra sonic method.
Secured with new O rings & gaskets, Torqued.
Performed leak check, found none.
All work performed IAW CAT Manual M-0 and GAMI IP-2001-02
- 16 *PROP OVERHAUL OVERDUE AS PER HARTZELL PROPELLER OWNERS MANUAL 115 AND SERVICE LETTER HC-SL-61-61Y DUE EACH 6 YEARS OR 2000 HRS WHICHEVER COMES FIRST.... Removed propeller P/N PHC-J3YF-1RF, S/N FP4413B.
Installed propeller P/N PHC-J3YF-1RF, S/N FP4413B after overhaul by New England Propeller.
- 18 *MAGNETO'S DUE FOR 500HR DISASSEMBLY AND INSPECTION AS PER TCM CONTINUED AIRWORTHINESS.... Removed left magneto P/N 10-500556-101, S/N D07JA015 and right magneto P/N 10-500556-101, S/N D07DA102.
Installed an overhauled left magneto P/N 10-500556-101, S/N K-12026 and right magneto P/N 10-500556-101, S/N K-120301, with new gaskets. See 8130-3 dated 8 Dec 2022 for details.
Mag to engine timing set to 21.5 degrees BTDC I/A/W TATI ICA.
- 21 *TATI AIRWORTHINESS LIMITATION, ALL ENGINE FLEXIBLE TURBO SYSTEM LINES, 10 YEAR LIFE LIMIT HOSES INSTALLED 2/13... Removed all turbocharger system fluid carrying lines.
Installed new replacement type D hoses I/A/W TATI Drawing ETI-G3-7.
- 22 *COMPLY WITH ALL CURRENTLY APPLICABLE TATI MANDATORY AND RECOMMENDED SERVICE BULLETINS, ADVISORIES, LETTERS and ICA 22-6460004 rev. C.... C/W TATI ICA 22-6460004 rev. C.
C/W TATI recommended SI08-01Rev.A and Cirrus SA08-03 Crankcase breather tube inspection N/A Per Airwolf Separator Installed.
C/W TATI SI 08-04, Recurring inspection of cabin heat augments/ tail pipe assy for induction leaks with no discrepancies noted.
C/W TATI Mandatory Service Bulletin SB09-01 by inspecting turbo manifolds for cracks.
C/W TATI Mandatory Service Bulletin SB10-01. Inspected alt air door hinge pin. No sign of hinge cracking, loose rivets or pin slippage.
C/W TATI Mandatory Service Bulletin SB10-02. Inspected left and right tail pipe support bracket found no cracks.
C/W TATI recommended SB11-01 rev. A, by inspecting all exhaust slip joints.
C/W TATI recommended SB12-02 by inspecting fuel pump O rings for leakage.
C/W TATI recommended SB11-03 by inspecting all turbocharger supports for wear.
C/W TATI recommended SB11-04 by cleaning both oil supply inlet screens.
All items due again next annual or 1888 hrs TT.
- 23 *FUEL PUMP O RINGS REQUIRE REPLACEMENT EVERY 5 YEARS/400 HOURS I/A/W TATI SB 12-02... Removed tornado alley turbo fuel pump P/N ETI-SR22-2-11, S/N# 88 Rev/G for Compliance with TATI SB 12-02.
Installed fuel pump P/N ETI-SR22-2-11, S/N 88 after repair. See 8130-3 dated 22 Jan 2023 for details.
Adjusted low side pressures I/A/W CAT MO. Adjusted WOT full fuel flow I/A/W TATI ICA 22-6460004.
- 25 *CYLINDER #6 COMPRESSION 40/80. MINIMUM ALLOWABLE 44/80... Removed #6 cylinder S/N AC07BB067.
Installed an overhauled cylinder assembly P/N CL73.1-232-OH, S/N 81958-02 with all new gaskets and seals.
All work performed I/A/W CAT Standard Practices Maintenance Manual M-0 R1.
- 26 *LEFT & RIGHT TURBO SUPPORT RODS WORN
*SUPPORT BRACKETS & BOLTS WORN OUT... Installed 2 new turbocharger support rods and brackets P/N 22-6250005 with new springs P/N LCO85H03S.
Installed new wastegate support brackets P/N 22-6250006 with new bolts P/N MS20005-25 and new springs P/N LCO85H03S.
- 27 *SLAVE WASTE GATE, KNUCKLE, SPRING & CABLE RETAINER PINS WORN/DUE FOR REPLACEMENT... Removed worn wastegate, knuckle and pins.
Installed a new wastegate P/N 22-6150026 2 new gaskets P/N FG120830.
A new knuckle clevis P/N 22-560001 with new clevis pins and spring P/N LEM120D03S I/A/W TATI Drawing 22-6460006.
Rigged wastegates I/A/W TATI Report 22-6460007.
- 32 *EIGHT SPARK PLUGS WORN OUT... Installed 12 new Tempest URHB32S spark plugs.
- 38 AD 2023-02-12, SUPERIOR INTAKE VALVES, IS DUE... C/W AD 2023-02-12 by inspecting #6 cylinder intake valve and found a date code of 19438A.
No other cylinders are affected.
- 39 LEFT TURBOCHARGER IS NOT INDEXED CORRECTLY TO THE TURBINE HOUSING.... Indexed turbocharger body to the turbine housing to correctly orient the turbocharger drain.
Indexed the compressor housing to correctly clear the induction tube from the turbo support rod.

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

The work performed has been approved for return to service.

DATE: 17 February, 2023

SIGNED:

Bernard Paquette, A&P: 445400371A

Work Order: 09812-12-2022

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Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	

Brought Forward →

DATE: 20 February, 2023
A/C TSN: 1832.2
ENG TT: 1788.5
FLIGHTTIME: 1788.5

ENGINE MODEL: IO550N46
ENGINE S/N: 689530
REG NO: N550PK
WORK ORDER: 09812-12-2022



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

Engine Entries

2 C/W CIRRUS AIRCRAFT SR-22 TURBO 100HR/ANNUAL INSPECTION OF ENGINE... Engine Inspected using Cirrus SR-22 Aircraft 100hr/Annual maintenance manual inspection checklist, and TATI 22-6460004 continuous airworthiness Rev-C, dated 22 SEP 2011 scheduled maintenance checks 100HR section-B, Performed satisfactory pre-inspection run up IAW CDC SR-22 AMM 5-30.

Secured new AA48108-2 filter and serviced engine with 8 Qts Phillips 20W-50W X/C oil.
Inspected the 1/2 inch cylinder flange nuts for corrosion and treated with LPS-3 I/A/W CMI Manual M-0, 6-4.11.1
AD's & MSB's ck thru Bi-Weekly 2023-4
Performed satisfactory ground functional checks.

I certify this ENGINE has been inspected in accordance with an ANNUAL inspection checklist CDC SR-22AMM 5-20, and IAW TCM FORM NO. X30634A CH5-8 and has been determined to be in AIRWORTHY condition.

Technicians Who Worked On The Items Listed Above:
Bernard Paquette

I certify that this Engine has been approved for return to service.

Work Order: 09812-12-2022

DATE: 20 February, 2023

SIGNED:

Bernard Paquette, IA: 445400371A

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ENGINE MODEL: IO550N46
ENGINE S/N: 689530
REG NO: N550PK
WORK ORDER: 09867-04-2023



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

DATE: 21 April, 2023
A/C TSN: 1850.4
ENG TT: 1802.9
FLIGHTTIME: 1802.9

Engine Entries

1 COMPLY WITH OIL CHANGE SERVICE... Engine warmed to operating temperatures, drained oil, Extract oil sample for analysis.
Removed and cut open filter, inspected filter, no metals noted.
Installed and Torqued new AA48108-2 filter.
Serviced engine with 7 qts Phillips Type A 100AD oil. Add 1 pint Avblend.

Complied with 50HR Engine service I/A/W CAT MM M-16 6-4.3 & CAT M-O, Performed ground run, no leak.

Technicians Who Worked On The Items Listed Above:
Ludwig Hellstrom

The work performed has been approved for return to service.

Work Order: 09867-04-2023

DATE: 21 April, 2023

SIGNED:

Bernard Paquette, A&P: 445400371A

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Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward	→				

ENGINE MODEL: IO550N46
ENGINE S/N: 689530
REG. NO: N550PK
WORK ORDER: 09978-10-2023



US Flight Aircraft Maintenance
CIRRUS AUTHORIZED SERVICE CENTER
1 WALLINGFORD RD
HANGAR 5 & 6
Danbury, CT 06810 USA
Phone: 914-227-6440

DATE: 09 October, 2023
A/C TSN: 1886.5
ENG TT: 1834.4
FLIGHTTIME: 1834.4

Engine Entries

- 1 COMPLY WITH OIL CHANGE SERVICE... Engine warmed to operating temperatures, drained oil, Extract oil sample for analysis. Removed and cut open filter, inspected filter, no metals noted. Installed and Torqued new AA48108-2 filter. Serviced engine with 7 qts Phillips 20W-50X/C oil. Add 1 pint Avblend.

Complied with 50HR Engine service I/A/W CAT MM M-16 6-4.3 & CAT M-O, Performed ground run, no leak.

Technicians Who Worked On The Items Listed Above:
Bernard Paquette, Ludwig Hellstrom, SCOTT SPLETZER

The work performed has been approved for return to service.

DATE: 09 October, 2023

SIGNED:

Work Order: 09978-10-2023

Bernard Paquette, A&P: 44540037IA

Printed by EBIS 3 (datcomedia.com)

ENGINE MODEL: IO550N46
ENGINE S/N: 689530
REG. NO: N550PK
WORK ORDER: 10065-02-2024



US Flight Aircraft Maintenance
CIRRUS AUTHORIZED SERVICE CENTER
1 WALLINGFORD RD
HANGAR 5 & 6
Danbury, CT 06810 USA
Phone: 914-227-6440

DATE: 07 March, 2024
A/C TSN: 1895.1
ENG TT: 1840.1
FLIGHTTIME: 1840.1

Engine Entries

- 2 C/W CIRRUS AIRCRAFT SR-22 TURBO 100HR/ANNUAL INSPECTION ON ENGINE... Engine Inspected using Cirrus SR-22 Aircraft 100hr/Annual maintenance manual inspection checklist, and TATI 22-6460004 continuous airworthiness Rev-C, dated 22 SEP 2011 scheduled maintenance checks 100HR section-B, Performed satisfactory pre-inspection run up IAW CDC SR-22 AMM 5-30.

Secured new AA48108-2 filter and serviced engine with 8 Qts Phillips 20W-50W X/C oil. Add 1 pint avblend
Inspected the 1/2 inch cylinder flange nuts for corrosion and treated with LPS-3 I/A/W CMI Manual M-0, 6-4.11.1
AD's & MSB's ck thru Bi-Weekly 2023-4

Performed satisfactory ground functional checks.

I certify this ENGINE has been inspected in accordance with an ANNUAL inspection checklist CDC SR-22AMM 5-20, and IAW TCM FORM NO. X30634A CH5-8 and has been determined to be in AIRWORTHY condition.

- 7 MAX RPM IS 2680 SPEC IS 2700... Adjusted propeller governor low pitch stop out 3/4 turn I/A/W SR22 MM 21-60.

- 14 COMPLY WITH ALL CURRENTLY APPLICABLE TATI MANDATORY AND RECOMMENDED TATI SERVICE BULLETINS, ADVISORIES AND LETTERS...
C/W all applicable TATI service bulletins and letters.

C/W TATI MSB10-02 Inspected left and right tail pipe support brackets, found no cracks.

C/W TATI SI 08-04, Recurring inspection of cabin heat augments/ tail pipe assy for induction leaks with no discrepancies noted.

Cleaned induction air filter IAW TATI SI08-05 Rev A.

C/W TAT MSB10-01 Alt Air Door and hinge inspection, found no discrepancies.

C/W TATI SB08-02 alignment of the PRV/Y tube during installation.

C/W TATI Mandatory Service Bulletin SB09-01 by inspecting turbo manifolds for cracks.

C/W TATI Mandatory SB12-02 my inspecting mixture shaft for leakage. None noted.

C/W TATI recommended SI11-01 Exhaust slip joint maintenance

C/W TATI recommended SI11-3 Inspection of turbo supports.

C/W TATI recommended SB11-04 by cleaning both oil supply inlet screens.

C/W TATI Mandatory SI20-01 by inspecting turbocharger check valves and torquing correctly.
Due again next annual.

- 16 #5 EXHAUST ROCKER COVER GASKET IS LEAKING ONTO THE TURBOCHARGER... Removed #rocker cover.
Removed old gasket.
Prepared mating surfaces. Installed new Exhaust Rocker Cover gasket P/N APS-655705-S.
Installed rocker cover.

- 19 #3 CYLINDER TANIS HEATER CLAMP MISSING RUBBER PROTECTOR.... Removed and replaced #3 Cylinder TANIS Heater Adel Clamp P/N MS21919WDG3

Technicians Who Worked On The Items Listed Above:
Bernard Paquette, Ludwig Hellstrom, Mike Szawiola, SCOTT SPLETZER

The work performed has been accomplished with reference to current, applicable and approved FAA data, has been inspected, tested, found to be in airworthy condition and has been approved for return to service.

DATE: 07 March, 2024

SIGNED:

Work Order: 10065-02-2024

Bernard Paquette, IA: 44540037IA

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