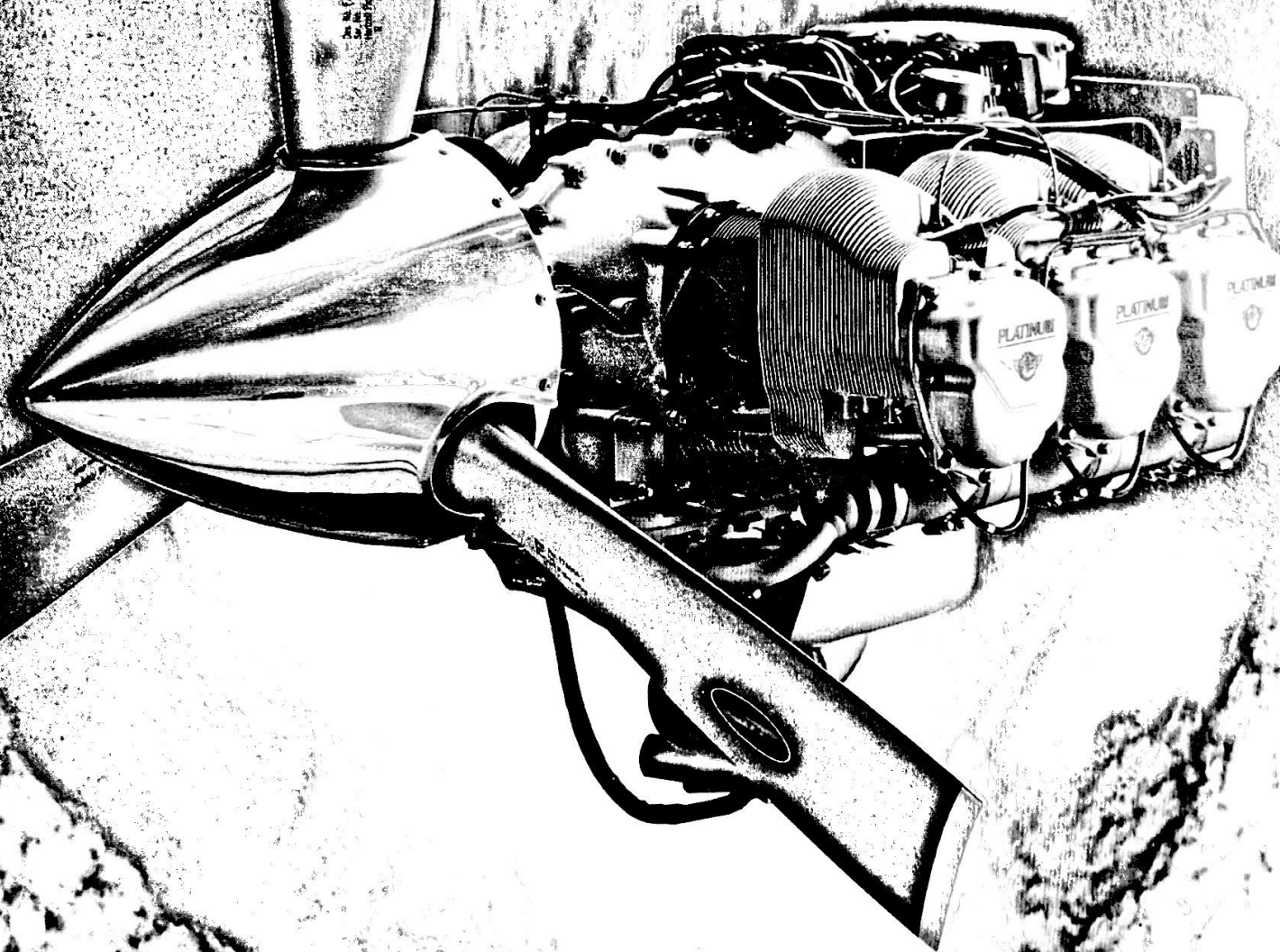


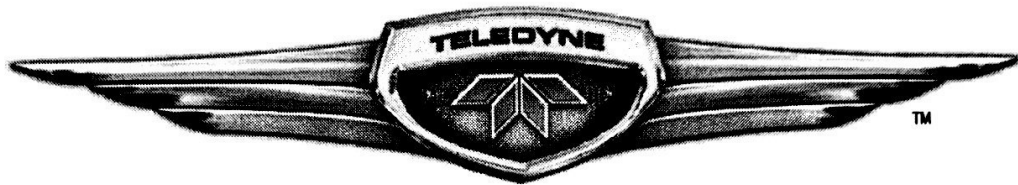
PLATINUM ENGINE LOG BOOK



CONTINENTAL MOTORS

Form No. ELB-01P

PLATINUM ENGINE LOG BOOK



CONTINENTAL MOTORS

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



Teledyne Continental Motors, Inc.

www.GenuineContinental.aero

Production Certificate 508

Printed: 11/05/2010

Test Date: 11/02/2010


This engine model I0550N61B, serial number 1003038 was manufactured 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.

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.	
17 Dec 2010	1	.7			Engine Log Book Entry Date: 17 Dec 2010 Engine Time: 1.7 hrs 44385 Installed the TAS100 preheater S/N _____ in accordance with Tanis Aircraft Products instructions and drawing number <u>23622-102</u> Name: <u>Jeffrey J. Carter</u> A & P# <u>3386K</u>

January 21, 2011 1003038 S/N 3703 Flight Time 25.8
Changed oil and filter serviced with Phillips type M 20/50. Opened filter, OK.
Inspected engine IAW a 100hr inspection per line 1 (25hr inspection) Cirrus inspection form. Compression test 1)74/80 2)72/80 3)74/80 4)74/80 5)74/80 6)74/80.
Boroscope inspection inside cylinders revealed no abnormalities.

The maintenance operation(s) described above were inspected in accordance with current regulations and with respect to work performed, the aircraft and/or component was found airworthy and is approved for return to service.
Details are on file under work order 6054

Ed Hobelman
Ed Hobelman
MYNR748K


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March 14, 2011 N545PM SR22 S/N 3703 FLT Time 51.3 Hobbs Time 66.0


Complied with Cirrus SR22 Scheduled Maintenance Report for first 50.0 hour.
Changed oil and filter, cut filter open and found no metal. Serviced engine with 8qts. Phillips 20W-50 X/C. Cleaned fuel screen. Cleaned and lubed engine controls. Run-up and leak check good.-----END-----


The maintenance operation(s) described above were inspected in accordance with current regulations and with respect to work performed, the aircraft and/or component was found airworthy and is approved for return to service. Details are on file under work order 6131.

Paul W. Enlow
Paul W. Enlow
Repair Station MYNR748K

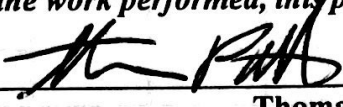
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Certified Repair Station No. MYNR748K

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.	

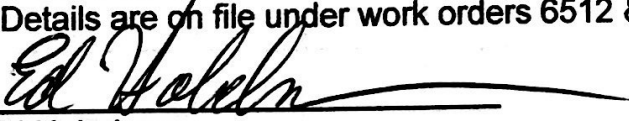
Forward	<p>June 2, 2011 N545PM S/N 3703 Flight Time 101.1 100hr/Annual Inspection Completed This Date. Inspected IAW Cirrus Inspection Report ATA 05-20. Changed oil and filter serviced with Phillips 20W50 X/C. opened filter, OK. Compression test 1) 70/80 2)70/80 3)72/80 4)70/80 5)72/80 6)72/80. ADs checked thru BW 2011-09 no ADs due at this time. See AD list for full details. The maintenance operation(s) described above were inspected in accordance with current regulations and with respect to work performed, the aircraft and/or component was found airworthy and is approved for return to service. Details are on file under work order 6243</p> <p><i>Ed Hobelman</i> Ed Hobelman MYNR748K</p> <div style="text-align: right;">  MONTGOMERY AVIATION, INC. 11329 East State Road 32 Zionsville, IN 46077 317-769-4487 Certified Repair Station No. MYNR748K </div>
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	<p style="text-align: right;"><i>Engine Log</i></p> <p>August 22, 2011 N545PM M/N SR22 S/N 3703 FLT Time 147.7</p> <p>Completed 50HR service per Cirrus SR22 Scheduled Maintenance Report. Changed oil and filter, cut filter open and found no metal. Serviced engine with 8qts. Phillips 20W-50 X/C oil. Cleaned engine and lubed controls. Run-up and leak check good. -----END-----</p> <p>The maintenance operation(s) described above were inspected in accordance with current regulations and with respect to work performed, the aircraft and/or component was found airworthy and is approved for return to service. Details are on file under work order 6374.</p> <p><i>Paul W. Enlow</i> Paul W. Enlow Repair Station MYNR748K</p> <div style="text-align: right;">  MONTGOMERY AVIATION, INC. 11329 East State Road 32 Zionsville, IN 46077 317-769-4487 Certified Repair Station No. MYNR748K </div>
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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					

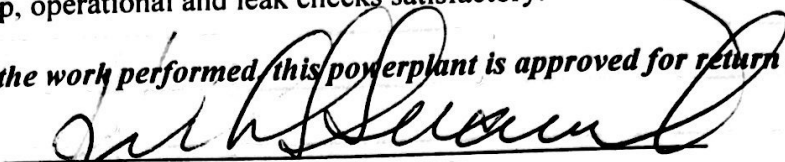
ENGINE LOGBOOK ENTRY			
N545PM	CIRRUS SR22	S/N 3703	WO# 8929
08/30/11	Replaced #1 cylinder fuel injector nozzle with new, P/N 657068-1234. Ran engine, operational and leak checks satisfactory.		
FLIGHT HM: 156.2			
<i>With respect to the work performed, this powerplant is approved for return to service.</i>			
			
Thomas E. Patt A&P3478371 for: Waukegan Aviation Services, Inc. Waukegan, IL			

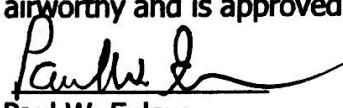
November 28, 2011 N545PM S/N 100308 Flight Time 197.3 TTE
100hr/Annual Inspection Completed This Date. Inspected IAW Cirrus Inspection Report ATA 05-20 dated 5/31/11. Changed oil and filter, serviced with Phillips X/C 20W50. opened filter, OK. Compression test 1)74/80 2)68/80 3)74/80 4)73/80 5)74/80 5)74/80 6)75/80, Master orifice 46/80. Replaced spring on #1 top plug lead. ADs checked thru BW 2011-23 no ADs due at this time.
See AD list for full details.
The maintenance operation(s) described above were inspected in accordance with current regulations and with respect to work performed, the aircraft and/or component was found airworthy and is approved for return to service.
Details are on file under work orders 6512 & 6522


Ed Hobelman
MYNR748K

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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 LOGBOOK ENTRY				
N545PM	CIRRUS SR-22	S/N 3703	TCM IO550N(61)	S/N 1003038 WO# 9035
01/21/2012	Removed and replaced starter, P/N 657596 S/N 4C3-331006 off, 4C3-411117 on.			
HM: 267.3	Run up, operational and leak checks satisfactory.			
<i>With respect to the work performed, this powerplant is approved for return to service.</i>				
 Kirk S. Swanick A&P361402088 for: Waukegan Aviation Services, Inc. Waukegan, IL				

February 23, 2012 N545PM M/N SR22 S/N 3703 FLT Time 228.1 Installed new #1 EGT sensor with new. Operational check good. -----END----- The maintenance operation(s) described above were inspected in accordance with current regulations and with respect to work performed, the aircraft and/or component was found airworthy and is approved for return to service. Details are on file under work order 6630 .  Paul W. Enlow Repair Station MYNR748K


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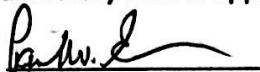
Brought Forward →

Eng. Log

March 26, 2012 N545PM M/N SR22 S/N 3703 FLT Time 252.9

Changed oil and filter, cut filter open and found no metal. Serviced engine with 8qts. Phillips 20W-50 X/C oil. Cleaned engine and lubed controls. Run-up and leak checks good.-----END-----

The maintenance operation(s) described above were inspected in accordance with current regulations and with respect to work performed, the aircraft and/or component was found airworthy and is approved for return to service. Details are on file under work order **6690**.



Paul W. Enlow
Repair Station MYNR748K



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Certified Repair Station No. MYNR748K

July 25, 2012 N545PM M/N SR22 S/N 3703 FLT Time and ENG TT 298.4 Hobbs Time 370.3

Annual/100HR inspection completed this date. Changed oil and filter, cut filter open and found no metal. Serviced engine with 8qts. Phillips 20W-50 X/C oil. Took oil sample cold. AOA analysis was normal. Cleaned oil screen. Cleaned fuel screen. Compression checks- #1 76/80 #2 71/80 #3 75/80 #4 74/80 #5 75/80 #6 75/80. Washed engine and lubed controls. Cleaned, gapped and rotated spark plugs. AD's good thru 2012-11. Run-up and operational checks good.-----END-----

The maintenance operation(s) described above were inspected in accordance with current regulations and with respect to work performed, the aircraft and/or component was found airworthy and is approved for return to service. Details are on file under work order **6865**.



Dan Montgomery

Repair Station MYNR748K



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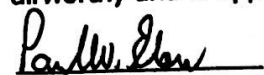
Brought Forward →

Engine Log

October 1, 2012 N545PM M/N SR22 S/N 3703 FLT Time 347.8

Changed oil and filter, cut filter open and found no metal. Took AOA sample hot at drain. Serviced engine with 8qts. Phillips 20W-50 X/C oil. Washed engine and lubed controls. Run-up and leak check good.-----END-----

The maintenance operation(s) described above were inspected in accordance with current regulations and with respect to work performed, the aircraft and/or component was found airworthy and is approved for return to service. Details are on file under work order **7002**.



Paul W. Enlow
Repair Station MYNR748K



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AVIATION, INC.**

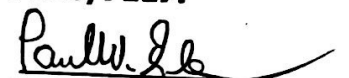
11329 East State Road 32
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317-769-4487

Certified Repair Station No. MYNR748K

**January 1, 2013 N545PM M/N SR22 S/N 3703 ENG Total Time and FLT Time 405.2
Hobbs Time 497.9**

Annual/100HR inspection completed this date I/A/W Cirrus SR22 Scheduled Maintenance Report. Installed rebuilt starter adaptor P/N R-642083A12 using new gasket. Changed oil and filter cut filter open and found no metal. Serviced engine with 8qts. Phillips 20W-50 X/C oil. Cleaned engine and lubed flight controls. Cleaned, gapped and rotated spark plugs. Cleaned fuel screen. Compression checks- #1 78/80 #2 70/80 #3 70/80 #4 75/80 #5 70/80 #6 74/80. AD's good thru 2012-23. Run-up and operational checks good.-----END-----

The maintenance operation(s) described above were inspected in accordance with current regulations and with respect to work performed, the aircraft and/or component was found airworthy and is approved for return to service. Details are on file under work order - **7116/7117**.



Paul W. Enlow
Repair Station MYNR748K



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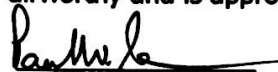
Date

rd
ons,

February 25, 2013 N545PM M/N SR22 S/N 3703 FLT Time 450.8

Changed oil and filter, cut filter open and found no metal. Serviced engine with 8qts Phillips 20W-50 X/C oil. Washed engine and lubed controls. Run-up and leak checks good.-----END-----

The maintenance operation(s) described above were inspected in accordance with current regulations and with respect to work performed, the aircraft and/or component was found airworthy and is approved for return to service. Details are on file under work order 7185.



Paul W. Enlow
Repair Station MYNR748K



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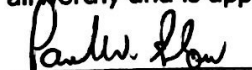
Certified Repair Station No. MYNR748K

Eng Log

May 8, 2013 N545PM M/N SR22 S/N 3703 FLT and ENG TT 514.3 Hobbs Time 624.4

Annual/100HR insp. completed this date I/A/W Cirrus SR22 Scheduled Maintenance Report. Changed oil and filter, cut filter open and found no metal. Serviced engine with 8qts Phillips 20W-50 X/C oil. Washed engine and lubed controls. Compression checks- #1 74/80 #2 62/80 #3 66/80 #4 70/80 #5 70/80 #6 74/80. Cleaned fuel screen. Cleaned, gapped and rotated spark plugs. AD's good thru 2013-06. Run-up and operational checks good.-----END-----

The maintenance operation(s) described above were inspected in accordance with current regulations and with respect to work performed, the aircraft and/or component was found airworthy and is approved for return to service. Details are on file under work order 7295.



Paul W. Enlow
Repair Station MYNR748K



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11329 East State Road 32
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Certified Repair Station No. MYNR748K

Brought

Engine

July 10, 2013 N545PM M/N SR22 S/N 3703 FLT 566.9 Hobbs 701.5

Changed engine oil and filter. Cut open old filter. No metal found. Replaced old filter with new. Serviced engine with 8 qts. Phillips X/C 20W-50. Run-up and leak check good. -----END-----

The maintenance operation(s) described above were inspected in accordance with current regulations and with respect to work performed, the aircraft and/or component was found airworthy and is approved for return to service. Details are on file under work order **7382**.



Neil Sqrow
Repair Station# MYNR748K



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AVIATION, INC.**

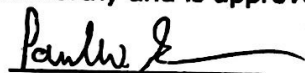
11329 East State Road 32
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317-769-4487

Certified Repair Station No. MYNR748K

**September 13, 2013 N545PM M/N IO-550-N61B S/N 1003038 FLT and Engine
Total Time 620.7 Hobbs Time 767.8**

Annual inspection completed this date I/A/W Cirrus SR22 Scheduled Inspection Report in Ch. 5-10-00. Changed oil and filter, cut filter open and found no metal. Serviced engine with 8qts. Phillips 20W-50 X/C oil. Washed engine and lubed controls. Cleaned fuel screen. Cleaned, gapped and rotated spark plugs. Compression checks- #1 72/80 #2 64/80 #3 70/80 #4 70/80 #5 60/80 #6 70/80. Master Orifice 46 psi. Installed new gaskets on all six cylinder exhaust rocker covers. Run-up and operational checks good. Reviewed AD's thru 2013-17.-----END-----

The maintenance operation(s) described above were inspected in accordance with current regulations and with respect to work performed, the aircraft and/or component was found airworthy and is approved for return to service. Details are on file under work order **7474**.



Paul W. Enlow
Repair Station MYNR748K



**MONTGOMERY
AVIATION, INC.**

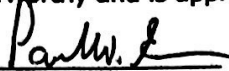
11329 East State Road 32
Zionsville, IN 46077
317-769-4487

Certified Repair Station No. MYNR748K

November 12, 2013 N545PM M/N SR22 S/N 3703 FLT Time 667.9

Changed oil and filter, cut filter open and found no metal. Servied engine with 8qts. Phillips 20W-50 X/C oil. Run-up and leak checks good.-----END-----

The maintenance operation(s) described above were inspected in accordance with current regulations and with respect to work performed, the aircraft and/or component was found airworthy and is approved for return to service. Details are on file under work order 7574.


Paul W. Enlow
Repair Station MYNR748K

 MONTGOMERY
AVIATION, INC.
11329 East State Road 32
Zionsville, IN 46077
317-769-4487

Certified Repair Station No. MYNR748K

Illinois Aviation Academy, Inc.

N545PM Flight: 707.9 1/21/2014

Performed 100hr. Inspection I/A/W Cirrus AMM & 14CFR43 Appendix D.
Drained oil, R&R oil filter new CH48108-1, serviced with 8qts Philips X/C 20w50,
Cleaned gapped, tested spark plugs, Engine compressions #1.73, #2. 67, #3. 72, #4.
720 #5. 74, #6 71/80. New Induction Air Filter P/no. BA-24 Installed. Dressed
propeller as necessary. All current applicable AD's checked through 1/14/14,
compliance verified at this time. I certify I have inspected this Engine in accordance
with a 100hr. inspection and found to be in Airworthy Condition at this time.


Hannington Buyinza A&P 2828399

Illinois Aviation Academy, Inc.

N545PM Flight: 754.6 4/2/2014

Completed 50 hour inspection using Cirrus SR22AMM
Checklist guidelines. Drained oil, serviced with 8qts.
Aeroshell 15w50. R&R oil filter with AA48108-2, cut open
old filter and inspect, found no metal. Stop drilled crack in
aft baffle. Secured RH ign leads from chafe with spiral
wrap. Torqued down A-C bolt. Ground run test ops and
leak check, normal and no leaks found. —END—


Dan Paczynski A&P 2716623

ILLINOIS AVIATION ACADEMY, INC.

N545PM 7/15/2014 FLT HOBBS: 827.9

R&R cracked fuel nozzle cyl #1. Installed new tuned nozzle
P/no. 657068-1234.

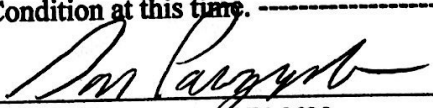

Hannington Buyinza A&P 2828399

Illinois Aviation Academy, Inc.

N545PM FLT. HRS: 815.7 6/25/2014

Performed 100hr. Inspection I/A/W Cirrus AMM 5-20 checklist & 14CFR43 Appendix D. Drained oil, R&R oil filter new CH48108-1, serviced with 8qts Aeroshell 15w50. Opened and inspected old filter for metal, none found. Induction air filter due @ 920 Ft. Hrs. Cleaned gapped, tested, & rotated spark plugs Engine compressions #1.62, #2. 72, #3. 78, #4. 68, #5. 72, #6.70/80. All current applicable AD's checked through 6/14, aircraft compliance verified at this time., no new AD's. Engine was washed and degreased, ground run performed & test ops, - leak checked good,

No discrepancies found. I certify I have inspected this Engine in accordance with a 100hr. inspection and found to be in Airworthy Condition at this time. -----END-----


Dan Paczynski A&P 2716623

ILLINOIS AVIATION ACADEMY, INC.

N545PM 8/13/2014 FLT HOURS: 840.7

Removed left magneto P/N 10-500556-1 & Serial No. D10JA108 for 500 hr.. inspect/OH. Installed factory rebuilt magneto P/N BL-500556-1 & Serial No. D14FA048R. Work done i/a/w TCM Complete IO550N MM and MSMX40000. Replaced one gasket on intake pipe No. 4 with P/N 649950. Ops tested, functions normal. *END*


Dan Paczynski A&P 2716623

08/12/14 HOBBS: 839.9 N545PM SR22 S/N 3703 W.O. P27585W

PILOT REPORTED RIGHT MAGNETO FAILING. REMOVED RIGHT MAGNETO P/N 10-500556-1 S/N D10JA107 AND INSTALLED CUSTOMER SUPPLIED REBUILT MAGNETO P/N BL-500556-1 S/N D14GA030R FROM CONTINENTAL MOTORS REFERENCE WO # 410554 DATED JULY 11, 2014. TIMES TO ENGINE, PERFORMED GROUND RUNS, OPS CHECK AND LEAK CHECKS GOOD, LEFT RPM DROP 50 RPM, RIGHT RPM DROP 40 RPM.

THE MAINTENANCE OPERATIONS DESCRIBED HEREIN WERE INSPECTED AND, WITH RESPECT TO THE WORK PERFORMED, THE AIRCRAFT AND/OR COMPONENTS WAS FOUND AIRWORTHY AND IS APPROVED FOR RETURN TO SERVICE FOR DISCREPANT ITEMS LISTED. DETAILS ARE ON FILE UNDER THE ABOVE REFERENCED WORK ORDER.

SIGNED 

FOR

**EAGLE CREEK AVIATION SERVICES, INC. - FAA CERTIFICATED
REPAIR STATION MV5R055N**

vice and Maintenance Record

tions, Airworthiness Directives, Special Inspections,
ervice Bulletins

Service and Maintenance Record
actions, Airworthiness Directives, Special Inspection
Service Bulletins

Illinois Aviation Academy, Inc.
N545PM Flight: 886.0 11/26/2014
Completed 50 hour inspection using Cirrus SR22AMM
Checklist guidelines. Drained oil, serviced with 8qts.
Aeroshell 15w50. R&R oil filter with AA48108-2, cut open
old filter and inspect, found no metal. Declogged air -oil
separator lines. Ground run test ops and leak check,
normal and no leaks found. —END—


Dan Paczynski A&P 2716623

TACH: ~~925.8~~ 925.8
Illinois Aviation Academy, Inc.
N545PM Flight: 869.5 10/02/2014

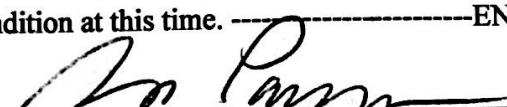
Performed 100hr. Inspection I/A/W Cirrus AMM & 14CFR43 Appendix D.
Drained oil, R&R oil filter new CH48108-1, serviced with 8qts Aeroshell 15w50,
Cleaned gapped, tested spark plugs, Engine compressions #1.67, #2. 58, #3. 66, #4.
63 #5. 66, #6 65/80 Replaced cylinder gaskets on 2,4,6.. Dressed propeller as
necessary. All current applicable AD's checked through 9/14/14, compliance
verified at this time. I certify I have inspected this Engine in accordance with an
annual inspection and found to be in Airworthy Condition at this time.


Hannington Buyinza A&P 2828399 IA

Illinois Aviation Academy, Inc.
N545PM Tach: 986.7 1/28/2015
Completed 50 hour inspection using Cirrus SR22AMM
Checklist guidelines. Drained oil, serviced with 8qts.
Aeroshell 15w50. R&R oil filter with CH48108-2, cut open
old filter and inspect, found no metal. Ground run test ops
and leak check, normal and no leaks found. —END—


Dan Paczynski A&P 2716623

Illinois Aviation Academy, Inc.
N545PM Tach: 1025.8 6/16/2015
Performed 100hr. Inspection I/A/W Cirrus AMM 5-20 checklist &
14CFR43 Appendix D. Drained oil, R&R oil filter new CH48108-
1, serviced with 8qts Aeroshell 15w50. Opened and inspected old
filter for metal, none found. Replaced air filter BA-24. Next due @
Tach 1225. Cleaned, gapped, tested, & rotated spark plugs Engine
compressions #1.58, #2. 62, #3. 64, #4. 58, #5. 64, #6.68/80. All
current applicable AD's checked through 6/14/15, compliance
verified at this time., no new AD's. Checked timing, retimed LH
mag. Engine was washed and degreased, ground run performed &
test ops, - leak checked good, engine parameters normal with
no discrepancies found. I certify I have inspected this Engine in
accordance with a 100hr. inspection and found to be in Airworthy
Condition at this time. —END—


Dan Paczynski A&P 2716623

		Last Overhaul	
Hrs.	Min.	Hrs.	Min.

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

Brought Forward →

LEADING EDGE

AVIATION SERVICES, INC.

Tampa, FL



AUTHORIZED SERVICE CENTER

Date: 7/02/2015; Aircraft: N545PM; Type: CIRRUS; S/N: 3703; Hobbs: 1283.70; Total Time: 922.90; Engine - Type: IO-550-N61B, S/N: 1003038, Time:

- Checked and adjusted LH & RH magneto timing as required. Ops check OK, 60/60 drop.
- Complied with fuel set-up (TCM SID 97-3F).

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.

Bruce Stein

A&P 2588417

6530 Tampa Executive Airport RD. Tampa, FL 33610

Tampa Executive Airport (KVDF) 813 621 7476

LEADING EDGE

AVIATION SERVICES, INC.

Tampa, FL



AUTHORIZED SERVICE CENTER

Date: 8/07/2015; Aircraft: N545PM; Type: CIRRUS; S/N: 3703; Hobbs: 1288.8; Total Time: 925.4; Engine - Type: IO-550-N61B, S/N: 1003038, Time: 925.4

- Complied with fuel set-up (CMI SID 97-3F).
- Removed & replaced all spark plugs with new. P/N URHB32E
- Adjusted cruise RPM detent as required.
- Adjusted full power RPM as required.

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.

Jonathan Bennett

A&P 3026634

6530 Tampa Executive Airport Rd. Tampa, FL 33610

Tampa Executive Airport (KVDF) 813-621-7476

LEADING EDGE

AVIATION SERVICES, INC.

Tampa, FL



AUTHORIZED SERVICE CENTER

Date: 9/24/2015; Aircraft: N545PM; Type: CIRRUS; S/N: 3703; Hobbs: 1288.8; Total Time: 925.4; Engine - Type: IO-550-N61B, S/N: 1003038, Time: 925.4

- Complied with Cirrus 100hr inspection checklist.
- Drained oil and serviced with 8 quarts of Aeroshell W100 Mineral. Removed and replaced oil filter, cut open oil filter for inspection. Installed cowlings and performed run up.
- Compression Check #1 78/80 #2 76/80 #3 78/80 #4 78/80 #5 76/80 #6 78/80 MO 42/80
- Verified AD compliance through bi-weekly issue 2015-17.
- Complied with fuel set-up (CMI SID 97-3F).
- Removed all cylinders, installed after outside repair by Continental Motors Factory Service Ctr.
- Removed #2 connecting rod for access, installed with new hardware & bearings. Work performed per Continental M-16.
- Removed & replaced Alternator #2 bracket with new P/N 646405.
- Complied with Continental SIL14-4A (24 VOLT/70 AMP BELT-DRIVEN ALTERNATOR BRACE ALIGNMENT)
- Verified correct mag timing.
- Removed & replaced ignition lead springs with new. P/N M2929
- Removed & replaced oil breather assy. with new. P/N 649406-2

I certify this engine has been inspected in accordance with a 100 hour inspection with reference to Cirrus AMM Section 5-20 and is found to be airworthy at this time.

Jonathan Bennett

A&P 3026634 IA

6530 Tampa Executive Airport Rd. Tampa, FL 33610

Tampa Executive Airport (KVDF) 813-621-7476

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 →

Leading Edge Aviation Maintenance LLC.
Lakeland Linder Regional Airport (KLAL)
3760 Airfield Drive West WWW.LEADINGEDGEAVIATION.COM
Lakeland FL 33811 813-621-7476

Date: 4/22/2016; Aircraft: N545PM; Type: CIRRUS; S/N: 3703; Hobbs: 1304.0; Total Time: 936.2; Engine - Type: IO-550-N61B, S/N: 1003038, Time: 936.2; Prop - Type: PHC-J3Y1F-1N/N7605B, S/N: NJ394B, Time: 936.2

-Drained oil and serviced with 8 quarts of Phillips X/C 20W50. Removed and replaced oil filter, cut open oil filter for inspection. Installed cowl and performed run up.

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.

Jonathan Coradin  A&P 3502686

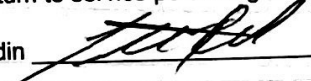


Leading Edge Aviation Maintenance LLC.
Lakeland Linder Regional Airport (KLAL)
3760 Airfield Drive West WWW.LEADINGEDGEAVIATION.COM
Lakeland FL 33811 813-621-7476

Date: 9/27/2016; Aircraft: N545PM; Type: CIRRUS; S/N: 3703; Hobbs: 1310.4; Total Time: 939.6; Engine - Type: IO-550-N61B, S/N: 1003038, Time: 939.6; Prop - Type: PHC-J3Y1F-1N/N7605B, S/N: NJ394B, Time: 939.6

- Removed cowl and cleaned engine and performed run up. Inspected for leaks and general overall condition. Performed compression checks and magneto timing. Inspected electrical wiring for chafing and security. Annual inspection completed WRT Cirrus AMM section 5-20.
- Drained oil and serviced with 8 quarts of Phillips X/C 20W50. Removed and replaced oil filter, cut open oil filter for inspection. Installed cowl and performed run up.
- Compression Check #1 70/80 #2 58/80 #3 68/80 #4 62/80 #5 72/80 #6 70/80 MO 46/80
- Verified AD compliance through bi-weekly issue 2016-18
- Researched All Cirrus Service Bulletins for this S/N aircraft and made a list of all applicable at this time.
- Complied with fuel set-up (CMI SID 97-3G).
- Remove valve covers from cyl # 2,3,4, and 6 to replaced Push Rod seal, seal O-ring, tab washers, and valve cover gaskets with new as required.
- Removed airwof to cean and service Reinstalled Airwof, no furhter defects noted.
- Remove and replaced wire bundle bradded electrical sleeve on LT side of engine with new. Repaired heat shrink on affected connectors and rerouted wire bundle for more security from vibration and heat.
- Repair Oil temp harness and rerouted properly. no further defects noted.
- Degreased engine as required.
- Complied with SB 2X-28-12R1 (Electric Fuel Pump Inspection). No defects detected.
- Removed and replaced Induction weldment with new.

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.

Jonathan Coradin  A&P 3502686A

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



Fixed Wing Aviation Maintenance
Lakeland Linder Regional Airport (KLAL)
3760 Airfield Drive West WWW.FIXEDWINGAVIATION.COM
Lakeland FL 33811 863-606-5757

Date: 11/02/2017; Aircraft: N545PM; Type: CIRRUS; S/N: 3703; Hobbs: 1344.6; Total Time: 952.4; Engine - Type: IO-550-N61B, S/N: 1003038, Time: 952.4; Prop - Type: PHC-J3Y1F-1N/N7605B, S/N: NJ394B, Time: 952.4

- Removed cowl, Cleaned engine and performed run up. Inspected for leaks and general overall condition. Performed compression checks and magneto timing. Inspected electrical wiring for chafing and security. Annual inspection completed WRT Cirrus AMM section 5-20.
- Drained oil and serviced with 8 quarts of Phillips X/C 20W50. Removed and replaced oil filter, cut open oil filter for inspection. Installed cowl and performed run up.
- Compression Check #1 60/80 #2 58/80 #3 60/80 #4 60/80 #5 60/80 #6 60/80 MO 40/80
- Verified AD compliance through bi-weekly issue 2017-20.
- Researched All Cirrus Service Bulletins for this S/N aircraft and made a list of all applicable at this time.
- Complied with fuel set-up (CMI SID 97-3G).
- Removed and replaced valve covers 1,2,4,5 with new as required.
- Removed and replaced pushrod seals at cyl 6 and 3 with new as required.
- Removed and replaced crush gasket for oil drain plug as required.
- Removed LT & RT mags and sent out for O/H. reinstalled overhauled mags as required.

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.

Jonathan Coradin

A&P 35026861A



INFINITY AVIATION

117 Perimeter Road /Nashua, NH 03063
FAA Certified Repair Station #I6FR992Y

Oil sample taken for analysis

Date: 3/06/2018; Aircraft: N545PM; Type: SR22; S/N: 3703; Hobbs: 1382.60; Tach.; Total Time: 968.70

*Drained and screened the oil for particles with none noted. Removed, cut open and inspected the oil filter for particles with none noted. Installed a new oil filter Ch48108-1 torqued and safetied. Added 7 quarts of 20w 50 Phillips oil. Ground ran the engine and checked for oil leaks with no leaks noted.

*Performed a Differential Compression Check with the following results: Cylinder #1 65/80, Cylinder #2 60/80, Cylinder #3 64/80, Cylinder #4 63/80, Cylinder #5 65/80 & Cylinder #6 61/80.

Signature: Alan Desrosiers

Date: 03/06/2018, W/O: 16737

Infinity Aviation Services LLC
FAA Certified Repair Station
#I6FR992Y



INFINITY AVIATION

117 Perimeter Road /Nashua, NH 03063
FAA Certified Repair Station #I6FR992Y

New hobbs

Date: 4/30/2018; Aircraft: N545PM; Type: SR22; S/N: 3703; Hobbs: 1387.80; Tach.; Total Time: 970.00

*Diagnose hobbs meter problem. Installed a new flight hobbs meter p/n 50485-001. (960.1 hours on the previously installed meter). The new hobbs meter read 00.0 at installation.

*Installed a new fresh air naca duct p/n 19629-001.

*Diagnose the fuel flow sensor inoperative. Replaced the connectors at the engine rear baffle for the fuel flow sensor. Complied with owner requested soldering wires. Still inoperative. Check voltage, power signal and ground. Replace previously removed baffle plug connector. Ordered and replaced the fuel flow sensor p/n 15415-001. Pressurized and leak checked the fuel system with no leaks noted. Ground ran and operationally tested satisfactory. The fuel flow was at 27.5.

Signature: Alan Desrosiers

Date: 04/30/2018, W/O: 16746

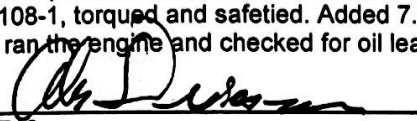
Infinity Aviation Services LLC
FAA Certified Repair Station
#I6FR992Y

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



INFINITY AVIATION
117 Perimeter Road /Nashua, NH 03063
FAA Certified Repair Station #I6FR992Y


Date: 4/30/2018; Aircraft: N545PM; Type: SR22; S/N: 3703; Hobbs: 1387.80; Tach:; Total Time: 970.00
*Removed the #4 and #5 cylinders due to cracks in the heads. Installed 2 new cylinders p/n 658595A1 s/n AC17BA316 and s/n AC17BA281 with new piston ring kits. Installed in accordance with the TCM maintenance manual and overhaul manual per. section 10. Performed an engine ground run and break in run. The customer is to perform the break in flight. The cylinders supplied by the customer and TCM.
*Clean all the fuel nozzles and reinstall with new "o" rings.
*Drained and screened the oil for particles with none noted. Removed, cut open and inspected the oil filter for particles with none noted. Installed a new oil filter Ch48108-1, torqued and safetied. Added 7.5 quarts of 20w50 mineral oil. Washed the engine with varsol and dried with compressed air. Ground ran the engine and checked for oil leaks with no leaks noted.

Signature: Alan Desrosiers 
Date: 04/30/2018, W/O: 16746
Infinity Aviation Services LLC
FAA Certified Repair Station
#I6FR992Y



INFINITY AVIATION
117 Perimeter Road /Nashua, NH 03063
FAA Certified Repair Station #I6FR992Y

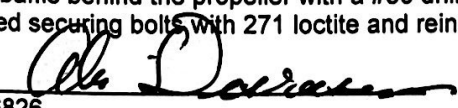
Date: 5/22/2018; Aircraft: N545PM; Type: SR22; S/N: 3703; Hobbs: 1418.10; Tach:; Total Time: 996.30
*Adjusted the right magneto timing to the engine. Removed the left magneto, opened for inspection and adjusted the internal timing in accordance with the Bendix maintenance manual. Re installed the left magneto with a new gasket and adjusted the timing to the engine. Ran up and operationally checked satisfactory.

Signature: Alan Desrosiers 
Date: 05/22/2018, W/O: 16797
Infinity Aviation Services LLC
FAA Certified Repair Station
#I6FR992Y



INFINITY AVIATION
117 Perimeter Road /Nashua, NH 03063
FAA Certified Repair Station #I6FR992Y

Date: 7/03/2018; Aircraft: N545PM; Type: SR22; S/N: 3703; Hobbs: 1457.20; Tach:; Total Time: 1029.50
*Drained and screened the oil for particles with none noted. Removed, cut open and inspected the oil filter for particles with none noted. Installed a new oil filter CH48108-1 torqued and safetied. Added 7 quarts of 20W50XC oil. Washed the engine with varsol and dried with compressed air. Ground ran the engine and checked for oil leaks with no leaks noted.
*Performed a compression check with the following results. #1 64/80, #2 72/80, #3 70/80, #4 74/80, #5 75/80 and #6 66/80.
*Stop drilled the crack in the baffle behind the propeller with a #30 drill. Riveted a doubler using .032 aluminum sheet and #40 countersunk rivets. Reinstalled securing bolts with 271 loctite and reinstalled screws.

Signature: Alan Desrosiers 
Date: 07/03/2018, W/O: 16826
Infinity Aviation Services LLC
FAA Certified Repair Station
#I6FR992Y



Date: 11/01/2018; Aircraft: N545PM; Type: SR22; S/N: 3703; Hobbs: 1469.20; Tach.: Total Time: 1037.00

I certify that this engine has been inspected in accordance with an Annual/100 hour Inspection and was determined to be in airworthy condition and is approved for return to service. Pertinent details of this inspection are on file at Infinity Aviation Services LLC under the work order listed.

#16FR992Y



Date: 4/05/2019; Aircraft: N545PM; Type: SR22; S/N: 3703; Hobbs: 1518.50; Tach.:; Total Time: 1078.40
*Drained and screened the oil for particles with none noted. Took oil to the shop for analysis.

*Re-clocked and adjusted the spring tension with washers and safetied the left hand tailpipe eye ball clamp.

#16FR992Y

