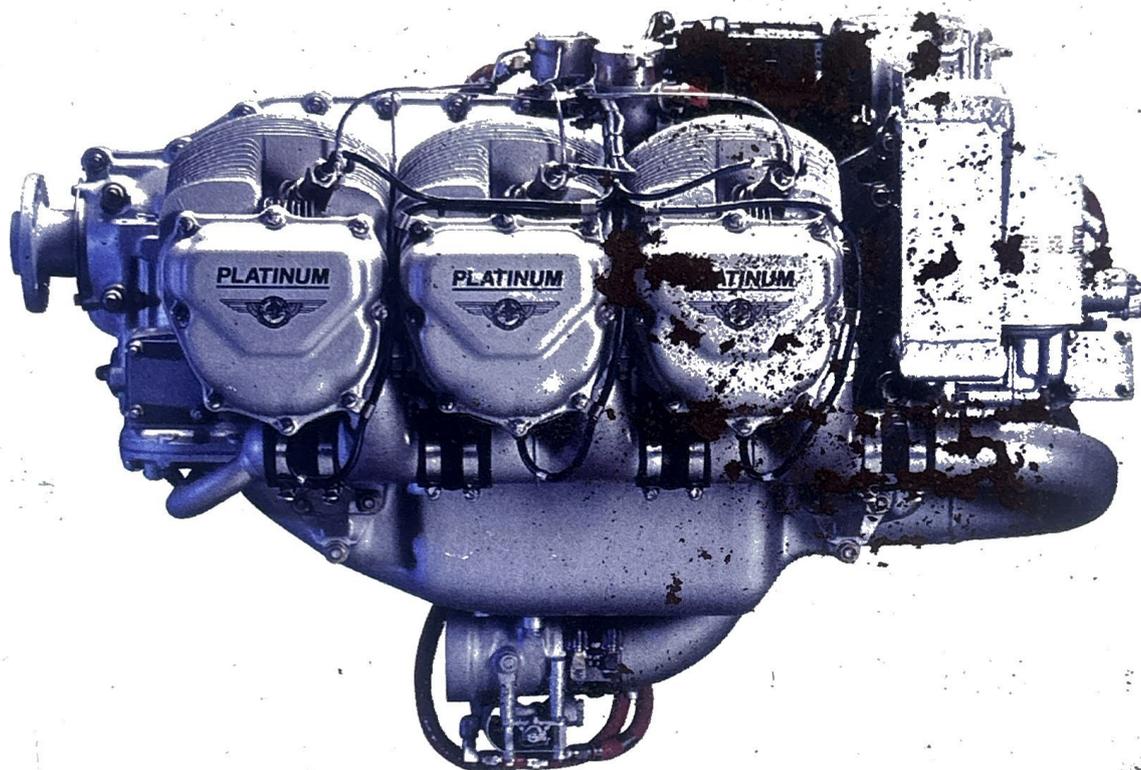


PLATINUM ENGINE LOG BOOK



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: 03/23/2006

This engine model I0550N42, Serial No. 689692 was manufactured on 03/23/2006 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.

TCM
19

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.

DATE 05-26-2006

N 363SD

ENGINE

HM 43.2

1. Complied with the engine oil and filter change. Filter CH 4801-1
2. Serviced the engine oil with Aeroshell Mineral 100 weight
3. Inspected the oil filter element for metal particles no discrepancies noted.
4. Complied with the Engine oil SOAP sample (Skywatch).
5. Ground ran leak checked approved for return to service.

I CERTIFY THAT THE AIRCRAFT OR COMPONENT IDENTIFIED ABOVE WAS INSPECTED OR REPAIRED IN ACCORDANCE WITH THE CURRENT FEDERAL AIR REGULATIONS AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN TO SERVICE

Gerald Huggins
GERALD HUGGINS A&P 437865119

DATE 08-03-2006

N 363SD

ENGINE

HM 83.2

1. Complied with the engine oil and filter change. Filter CH 4801-1
2. Serviced the engine oil with Aeroshell Mineral 100 weight
3. Inspected the oil filter element for metal particles no discrepancies noted.
4. Complied with the Engine oil SOAP sample (Skywatch).
5. Ground ran leak checked approved for return to service.

I CERTIFY THAT THE AIRCRAFT OR COMPONENT IDENTIFIED ABOVE WAS INSPECTED OR REPAIRED IN ACCORDANCE WITH THE CURRENT FEDERAL AIR REGULATIONS AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN TO SERVICE

Gerald Huggins
GERALD HUGGINS A&P 437865119

DATE 09-29-2006

N 363SD

ENGINE

HM 136.5

1. Complied with the engine oil and filter change. Filter CH 4801-1
2. Serviced the engine oil with Aeroshell Mineral 100 weight
3. Inspected the oil filter element for metal particles no discrepancies noted.
4. Complied with the Engine oil SOAP sample (Skywatch).
5. Ground ran leak checked approved for return to service.

I CERTIFY THAT THE AIRCRAFT OR COMPONENT IDENTIFIED ABOVE WAS INSPECTED OR REPAIRED IN ACCORDANCE WITH THE CURRENT FEDERAL AIR REGULATIONS AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN TO SERVICE

Gerald Huggins
GERALD HUGGINS A&P 437865119

DATE 01-18-2007

N 363SD

ENGINE
FLT HM 132.2 HBS HM 173.5

1. Due to an over voltage condition complied with the following.
2. Installed a warranty replacement new alternator assembly P# 649304A1 S/n 006KA006.
Removed alternator P# 649304 s/n 006AA072.
Installed a new alternator mount gasket.
3. Ground ran and functional tested approved for return to service.

I CERTIFY THAT THE AIRCRAFT OR COMPONENT IDENTIFIED ABOVE WAS INSPECTED OR REPAIRED
IN ACCORDANCE WITH THE CURRENT FEDERAL AIR REGULATIONS AND WAS FOUND TO BE IN AN
AIRWORTHY CONDITION AND IS APPROVED FOR RETURN TO SERVICE

Gerald Huggins
GERALD HUGGINS P# 437865119

ance Record
es, Special Inspections,

ENGINE MODEL
IO550N42
ENGINE S/N 689692
REG NO N363SD
WORK ORDER
26956-03-2007



Commander Aero, Inc.

Repair Station No GA5R-876M
10570 Springboro Pike
Miamisburg, Ohio 45342 USA
Phone 888-881-5580

DATE 4/10/2007
A/C TSN 178.8
ENG TT 178.8
HOBBS 178.8

Engine Entries

(2) Complied with 100 Hour Engine Inspection. Changed oil and filter. Serviced with 8 Qts Aeroshell 15W50. Checked Compression.... (6) Cleaned, gapped, and tested spark plugs.... (21) Retorqued valve covers to 60"/lbs.... (37) Washed down engine and ran for leak check.

I certify that this engine was inspected in accordance with a 100 hour inspection and found to be airworthy
The aircraft and/or component(s) on N363SD was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station under Work Order No 26956-03-2007, Dated 4/10/2007

DATE: 4/10/2007

SIGNED:

Gary Kromer

Work Order: 26956-03-2007

Kromer, Gary
Certified Repair Station No GA5R-876M

Printed by EBis 3 (datamedia.com)

ENGINE MODEL: 10-550-N
ENGINE S/N: 689692
REG. NO: N541WP
WORK ORDER: 23535



American Aircraft Maintenance, Inc.

Repair Station No. Z5SR421Y
19711-B Campus Drive
Santa Ana, CA 92707
Phone: (949) 852-8420

DATE: 3/28/2008
A/C TSN: 281.8
ENG TT: 281.8
HOBBS: 281.8

Engine Entries

Complied with an Annual/100 HR inspection as per Manufacturer's Service and/or Maintenance Manual. Changed oil and filter, serviced with AS15W50 oil. Filter opened and inspected, no contamination found. Leak check satisfactory. All Airworthiness Directives are in compliance at this time through bi-weekly issue 2008-06. Compressions #1 62/80, #2 60/80, #3 64/80, #4 70/80, #5 69/80, #6 68/80.... Oil sample taken and sent for analysis.... Removed and replaced induction filter.... Removed fuel injector nozzles, cleaned, installed new seals and reinstalled. Leak check good.... Accomplished TCM TopCare inspection including borescope. All cylinders are satisfactory at present time. No defects noted.... Complied with TCM SID97-3C by fuel system set up.

THIS AIRCRAFT OR COMPONENT HAS BEEN REPAIRED AND/OR INSPECTED AS OUTLINED ABOVE IN ACCORDANCE WITH CURRENT MAINTENANCE RULES OF 14 CFR, IT IS FOUND AIRWORTHY AND IS APPROVED RETURN TO SERVICE.

DATE: 3/28/2008

SIGNED:

[Signature]

Work Order: 23535

Printed by EBis 3 (datamedia.com)

Date	07/22/08	Cirrus SR-22	Reg: N541WP	S/N: 1931	Hobbs-FLT: 329.5
Engine	E: Continental		TYPE: IO-550-N		S/N: 689692
Work Performed:	Engine				
	1. Performed oil change. Drained oil, cut oil filter no defects noted, installed new CH48108-1 oil filter, added 8 qts of AS15W50-D oil, ops check good, no leaks noted.				
	I certify this aircraft has been found to be in an airworthy condition and is approved for return to service on this date.				
Authorization:	Mike Avalos/Miyashiro		Signature:	<i>[Signature]</i>	
				Date: 7-22-07	

Date	03-10-09	Cirrus SR-22	Reg. N541WP	S/N: 1931	Hobbs-FLT: 358.7
ENGINE:	Continental		TYPE: IO-550-N		S/N: 689692
Work Performed:	Engine				
	1. Performed oil change. Drained oil, cut oil filter no defects noted, installed new CH48108-1 oil filter, added 8 qts of AS15W50-D oil, ops check good, no leaks noted.				
	I certify this aircraft has been found to be in an airworthy condition and is approved for return to service on this date.				
Authorization:	Mike Avalos		Signature:	<i>[Signature]</i>	
				Date: 3-10-09	

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 →					



Desert Aircraft Maintenance
79-880 Avenue 42
Bermuda Dunes, CA 92203
760-772-9075

REG: N541WP
Make: Cirrus SR22
Serial no.: 1931
Flight time: 362.1

1 April 2009

1. Completed an Annual/100hr. inspection this date as per the Cirrus Maintenance Manual inspection Schedule chap. 5-20.
2. Performed a compression check and borescope inspection in accordance with TCM SB03-3, all Cylinders borescope inspection found to be satisfactory, compression as follows:
#1-72, #2-70, #3-72, #4-70, #5-72, #6-68 master orifice reading 42
3. Installed new induction air filter part no. BA-24.
4. Clean Gascolator, new o-ring and stator seal.
5. Clean, gapped, tested and rotated spark plugs.

All AD's and MSB's complied with thru this date, see list this date. Ground run, all parameters Satisfactory. I certify that this engine has been inspected in accordance with an annual/100hr. inspection and was determined to be in an airworthy condition at this time and is fit for release to service.

Ronald Lee Barker A&P4485427431A

END
Ronald Lee Barker

RONSON AVIATION, INC		CRS EHHR538D	TRENTON-MERCER AIRPORT	TRENTON, NJ 08628
		(609) 771-9500	FAX (609) 771-0651	
		REG #	N541WP	DATE: 4/1/09
		MAKE:	Continental	W.O.# 424885
		MODEL:	IO-550N-42	Hobbs 401.0
ENGINE LOG		S/N:	689692	TT 401.0
<ol style="list-style-type: none"> 1. Changed oil and filter. Cut oil filter and checked for debris, none noted. Installed new filter P/N CH48108. Serviced with 8 qts. Aeroshell 15W50 AD, grd run and leak check good. 2. Removed spark plugs and cleaned. Reinstalled spark plugs. 				
MAINTENANCE RELEASE				
Pertinent details of the inspection are on file at this agency under the work number shown above.				
I certify that the article described above has been inspected and approved for return to service.				
Signed <i>Ronald Lee Barker</i>		for RONSON AVIATION, INC. □ CRS EHHR538D		
RONSON AVIATION, INC		CRS EHHR538D	TRENTON-MERCER AIRPORT	TRENTON, NJ 08628
		(609) 771-9500	FAX (609) 771-0651	

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	→				

RONSON AVIATION, INC		CRS EHR538D	TRENTON-MERCER AIRPORT	TRENTON, NJ 08628
		(609) 771-9500	FAX (609) 771-0651	
	REG #	N541WP	DATE:	9/1/09
	MAKE:	Continental	W.O.#	424885
	MODEL:	IO-550N-42	Hobbs	421.0
ENGINE LOG		S/N:	689692	TT
				421.0
<p>1. Changed oil and filter. Installed new filter P/N CH48108. Serviced with 8 qts. Aeroshell 15W50 AD, grd run and leak check good.</p> <p>2. Removed spark plugs and cleaned. Reinstalled spark plugs.</p>				
MAINTENANCE RELEASE				
<p>Pertinent details of the inspection are on file at this agency under the work number shown above. I certify that the article described above has been inspected and approved for return to service.</p>				
Signed <i>Alexander E...</i> for RONSON AVIATION, INC. <input type="checkbox"/> CRS EHR538D				
RONSON AVIATION, INC		CRS EHR538D	TRENTON-MERCER AIRPORT	TRENTON, NJ 08628
		(609) 771-9500	FAX (609) 771-0651	

ENGINE MODEL: **Advanced Aircraft Services LP** DATE: 5/6/2010
ENGINE S/N: 500 Airport Rd. Suite D A/C TSN: 468.5
REG. NO: N541WP Litz, PA 17543 ENG TT: 468.5
WORK ORDER: 1254 Phone: 717-735-5179 TACH:

Engine Entries
C/W AD 09-24-52 Hydraulic lifters, N/A by date.... C/W AD 09-19-07 EQ3 Cylinder Head Assemblies, N/A by engine model.... C/W AD 09-16-03 Superior Cylinders, N/A not installed.... C/W SIL 97-3C Fuel System Adjustment... Cylinder compressions: 1/76, 2/76, 3/76, 4/75, 5/77, 6/77. Changed engine oil and filter. Cut filter for inspection and found OK. Service engine with Aeroshell 15w50 oil. Checked mag timing. Megeed ignition leads. Cleaned and gapped all spark plugs.

I certify that this ENGINE has been inspected IAW an Annual Inspection and was found to be in Airworthy condition.
DATE: 5/6/2010 SIGNED: *[Signature]* Work Order: 1254
Richard A. Barnhart II, A&P: 3124994 Printed by EBis 3 (datcomedia.com)

*C/W 500 HR MAG INSP
SEE AIRFRAME LOG ENTRY*

ENGINE MODEL: **Advanced Aircraft Services** DATE: 6/3/2011
IO-550-N42 530 Airport Rd. A/C TSN: 481.8
ENGINE S/N: 689692 Litz, PA 17543 ENG TT: 481.8
REG. NO: N541WP Phone: 717-735-5179 HOBBS:
WORK ORDER: 1764-05-2011

Engine Entries
Cirrus Engine Annual Inspection completed using the Cirrus AMM check list ch. 5-20. Compression check (x/80) 1:72 2:73 3:76 4:74 5:74 6:73. Drained the engine oil and replaced filter. Serviced engine with 7 qts of Aeroshell 15w50. Cut open filter and inspected, no contamination noted at this time. Performed oil analysis. Run up, ops and leak check good. All AD's current thru 2011-10.... C/W AD 2010-11-04 Hyd Lifters, N/A by date.

I certify that this ENGINE has been inspected IAW an Annual Inspection and was found to be in Airworthy condition.
DATE: 6/3/2011 SIGNED: *[Signature]* Work Order: 1764-05-2011
Richard A. Barnhart II, IA: 3124994 Printed by EBis 3 (datcomedia.com)

ENGINE MODEL:
IO-550-N42
ENGINE S/N: 689692
REG. NO: N541WP
WORK ORDER:
2307-06-2012

Advanced Aircraft Services

530 Airport Rd.
Lititz, PA 17543
Phone: 717-735-5179

DATE: 7/2/2012
A/C TSN: 497.7
ENG TT: 497.7
FLIGHTTIME:

**Record
Inspections,**

Date

Engine Entries

Cirrus Engine Annual Inspection completed using the Cirrus AMM check list, ch. 5-20. Compression check (x/80) 1: 65 2: 65 3: 63 4: 67 5: 67 6: 67. Drained and sampled the oil, removed and inspected the oil filter. Installed a new oil filter and serviced the engine with 7 quarts of Aeroshell 15W50 oil. Cleaned, gapped and tested the spark plugs. Cleaned the fuel injector nozzles. Checked the mag timing. Final run up/leak check good. All Ad's current thru 2012-12. Run up and leak check good.... AD 2012-10-13 Starter Adapter, N/A by date.... AD 2012-03-06 Avstar Diaphragms, N/A, not installed.... AD 2010-11-04 Hyd Lifters, N/A by date.

Brought Forward

I certify that this ENGINE has been inspected IAW an Annual Inspection and was found to be in Airworthy condition.

DATE: 7/2/2012

SIGNED:

Work Order: 2307-06-2012

Richard A. Barthel II, IA: 3124994AP

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ENGINE MODEL:
IO-550-N42
ENGINE S/N: 689692
REG. NO: N541WP
WORK ORDER:
2606-11-2012

Advanced Aircraft Services

530 Airport Rd.
Lititz, PA 17543
Phone: 717-735-5179

DATE: 11/30/2012
A/C TSN: 512.4
ENG TT: 512.4
FLIGHTTIME:

Engine Entries

Drained the engine oil and replaced filter. Serviced engine with 7 qts of Aeroshell 15W50. Cut open filter and inspected, no contamination noted at this time. Performed oil analysis. Ground run and leak check good.

Maintenance Release

The aircraft and/or component(s) on N541WP was repaired and inspected in accordance with the current rules and regulations of Title 14 of the Code of Federal Regulations, was found Airworthy and was returned to service.

DATE: 11/30/2012

SIGNED:

Work Order: 2606-11-2012

Milan Jovanovic, IA: 3164117

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ENGINE MODEL:
IO-550-N42
ENGINE S/N: 689692
REG. NO: N541WP
WORK ORDER:
2853-05-2013

Advanced Lancaster LP

530 Airport Rd.
Lititz, PA 17543
Phone: 717-735-5179

DATE: 5/10/2013
A/C TSN: 544.9
ENG TT: 544.9
FLIGHTTIME:

Engine Entries

Drained the engine oil and replaced filter, serviced engine with 7 qts of Aeroshell 15W50. Cut open filter and inspected, no contamination noted at this time. Performed oil analysis. Ground run and leak check good.

Maintenance Release

The aircraft and/or component(s) on N541WP was repaired and inspected in accordance with the current rules and regulations of Title 14 of the Code of Federal Regulations, was found Airworthy and was returned to service.

DATE: 5/10/2013

SIGNED:

Work Order: 2853-05-2013

Matthew L. Brame, A&P: 3554416

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MAKE: Cirrus
MODEL: SR22
S/N: 1931
REG. NO: N541WP
WORK ORDER:
2853-05-2013

Advanced Lancaster LP

530 Airport Rd.
Lititz, PA 17543
Phone: 717-735-5179

DATE: 5/10/2013
A/C TSN: 544.9
FLIGHTTIME:

Airframe Entries

Removed and replaced the Pilots Door Gas Strut.... Removed and replaced the #5 Header and Alternate Air Bracket.

Maintenance Release

The aircraft and/or component(s) on N541WP was repaired and inspected in accordance with the current rules and regulations of Title 14 of the Code of Federal Regulations, was found Airworthy and was returned to service.

DATE: 5/10/2013

SIGNED:

Work Order: 2853-05-2013

Richard A. Barthel II, IA: 3124994AP

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Engine Service and Maintenance Record

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

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

ENGINE MODEL:
IO-550-N42
ENGINE S/N: 689692
REG. NO: N541WP
WORK ORDER:
2985-07-2013



Advanced Lancaster LP
530 Airport Rd.
Lititz, PA 17543
Phone: 717-735-5179

DATE: 8/8/2013
A/C TSN: 551.3
ENG TT: 551.3
FLIGHTTIME:

Engine Entries

Cirrus Engine Annual Inspection completed using the Cirrus AMM check list ch. 5-20. Compression check (x/80) 1: 72 2: 72 3: 74 4: 74 5: 74 6: 74. Drained and sampled the oil, removed and inspected the oil filter. Installed a new oil filter and serviced the engine with 8 quarts of Aeroshell 15W-50. Cleaned, gapped and tested the spark plugs. Cleaned the fuel injector nozzles. Checked the mag timing. Final run up/leak check good. All Ad's current thru 2013-15.... Timed both Magnetos to 22° BTDC.... SA12-03 Lock Plate Inspection, N/A by ESN.... SA13-03 Bronze Levers, N/A SS levers are installed.... Adjusted cruise RPM.... Installed 12 new URHB32E spark plugs.

I certify that this ENGINE has been inspected IAW an Annual Inspection and was found to be in Airworthy condition.

DATE: 8/8/2013

SIGNED:

Joel A. Glover

Work Order: 2985-07-2013

Joel A. Glover, IA: 2849196AP

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MAKE: Cirrus
MODEL: SR22
S/N: 1931
REG. NO: N541WP
WORK ORDER:
3198-01-2014



Advanced Lancaster LP
530 Airport Rd.
Lititz, PA 17543
Phone: 717-735-5179

DATE: 2/26/2014
A/C TSN: 569.6
FLIGHTTIME:

Airframe Entries

Re-bonded the R/H wing root fairing... Re-bonded the R/H heat shield

Maintenance Release

The aircraft and/or component(s) on N541WP was repaired and inspected in accordance with the current rules and regulations of Title 14 of the Code of Federal Regulations, was found Airworthy and was returned to service.

DATE: 2/26/2014

SIGNED:

Milan Jovanovic

Work Order: 3198-01-2014

Milan Jovanovic, IA: 3164117AP

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ENGINE MODEL:
IO-550-N42
ENGINE S/N: 689692
REG. NO: N541WP
WORK ORDER:
3198-01-2014



Advanced Lancaster LP
530 Airport Rd.
Lititz, PA 17543
Phone: 717-735-5179

DATE: 2/26/2014
A/C TSN: 569.6
ENG TT: 569.6
FLIGHTTIME:

Engine Entries

Drained the engine oil and replaced filter. Serviced engine with 7 qts of Aeroshell 15W50. Cut open filter and inspected, no contamination noted at this time. Performed oil analysis. Ground run and leak check good.

Maintenance Release

The aircraft and/or component(s) on N541WP was repaired and inspected in accordance with the current rules and regulations of Title 14 of the Code of Federal Regulations, was found Airworthy and was returned to service.

DATE: 2/26/2014

SIGNED:

Milan Jovanovic

Work Order: 3198-01-2014

Milan Jovanovic, IA: 3164117AP

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ENGINE MODEL:
IO-550-N42
ENGINE S/N: 689692
REG. NO: N541WP
WORK ORDER:
3602-10-2014



Advanced Lancaster LP
530 Airport Rd.
Lititz, PA 17543
Phone: 717-735-5179

DATE: 10/14/2014
A/C TSN: 597.7
ENG TT: 597.7
FLIGHTTIME:

Engine Entries

Cirrus Engine Annual Inspection completed using the Cirrus AMM check list ch. 5-20. Compression check (x/80) 1: 60 2: 64 3: 62 4: 62 5: 60 6: 62. MO 42. Drained and sampled the oil, removed and inspected the oil filter. Installed a new oil filter and serviced the engine with 8 quarts of Aeroshell 15W-50. Cleaned, gapped and tested the spark plugs. Cleaned the fuel injector nozzles. Checked the mag timing. Final run up/leak check good. All Ad's current thru 2014-20.

I certify that this ENGINE has been inspected IAW an Annual Inspection and was found to be in Airworthy condition.

DATE: 10/14/2014

SIGNED:

Milan Jovanovic

Work Order: 3602-10-2014

Milan Jovanovic, IA: 3164117AP

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Engine Service and Maintenance Record

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

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

ENGINE MODEL:
IO-550-N42
ENGINE S/N: 689692
REG. NO: N541WP
WORK ORDER:
3756-01-2015

ADVANCED Lancaster
Advanced Lancaster LP
530 Airport Rd.
Lititz, PA 17543
Phone: 717-735-5179

DATE: 1/30/2015
A/C TSN: 634.7
ENG TT: 834.7
HOBS:

Engine Entries

Drained the engine oil and replaced filter. Serviced engine with 7 qts of Phillips 20W50 X/C and 1 pt of CanGuard. Cut open filter and inspected, no contamination found at this time. Performed oil analysis. Ground run and leak checked good.

Maintenance Release

The aircraft and/or component(s) on N541WP was repaired and inspected in accordance with the current rules and regulations of Title 14 of the Code of Federal Regulations, was found Airworthy and was returned to service.

DATE: 1/30/2015 SIGNED: *Joel A. Glover* Work Order: 3756-01-2015
Joel A. Glover, IA: 2849196AP Printed by EBis 3 (datcomedia.com)

ENGINE MODEL:
IO-550-N42
ENGINE S/N: 689692
REG. NO: N541WP
WORK ORDER:
4240-11-2015

ADVANCED Lancaster LP
Advanced Lancaster LP
530 Airport Rd.
Lititz, PA 17543
Phone: 717-735-5179

DATE: 11/20/2015
A/C TSN: 663.1
ENG TT: 863.1
HOBS:

Engine Entries

Cirrus Engine Annual Inspection completed using the Cirrus AMM check list ch. 5-20. Compression check (x/80) 1: 71 2: 60 3: 62 4: 68 5: 68 6: 70. MO 46. Drained and sampled the oil, removed and inspected the oil filter. Installed a new oil filter and serviced the engine with 7 quarts of Phillips XC 20W-50 and 1 pint of CamGuard. Cleaned, gapped and tested the spark plugs. Cleaned the fuel injector nozzles. Checked the mag timing. Final run up/leak check good. All Ad's current thru 2015-23.... AD 2014-05-29 Superior Cylinders, N/A, not installed.... Removed and replaced the Alternator #1 gasket.... Removed and replaced the Alt #2 garlock seal, and cleaned the alternator. Ground run ops check good.

I certify that this ENGINE has been inspected IAW an Annual Inspection and was found to be in Airworthy condition.

DATE: 11/20/2015 SIGNED: *Richard A. Barnhart II* Work Order: 4240-11-2015
Richard A. Barnhart II, IA: 3124994AP Printed by EBis 3 (datcomedia.com)

ENGINE MODEL:
IO-550-N42
ENGINE S/N: 689692
REG. NO: N541WP
WORK ORDER:
4474-04-2016

ADVANCED Fly Advanced
Fly Advanced
530 Airport Rd.
Lititz, PA 17543
Phone: 717-735-5179

DATE: 6/3/2016
A/C TSN: 686.2
ENG TT: 686.2
HOBS:

Engine Entries

Drained the engine oil and replaced filter. Serviced engine with 7 qts of Phillips 20W50 X/C and 1 pint of CamGuard. Cut open filter and inspected, no contamination found at this time. Performed oil analysis. Ground run and leak checked good.... Removed and replaced the Alt #2 drive and drive plate assembly, installed serviceable drive and drive plate.

Maintenance Release

The aircraft and/or component(s) on N541WP was repaired and inspected in accordance with the current rules and regulations of Title 14 of the Code of Federal Regulations, was found Airworthy and was returned to service.

DATE: 6/3/2016 SIGNED: *Jonathan T. Milby* Work Order: 4474-04-2016
Jonathan T. Milby, A&P: 3477163AP Printed by EBis 3 (datcomedia.com)

ENGINE MODEL:
IO-550-N42
ENGINE S/N: 689692
REG. NO: N541WP
WORK ORDER:
4923-01-2017

ADVANCED Fly Advanced
Fly Advanced
Repair Station No. 5T2R901C
530 Airport Rd.
Lititz, PA 17543
Phone: 717-735-5179

DATE: 2/14/2017
A/C TSN: 704.4
ENG TT: 704.4
HOBS: 853.8

Engine Entries

Annual Engine Inspection completed IAW FAR 91.409 and the requirements outlined in FAR 43 App. D. with reference to the Cirrus AMM checklist ch 5-20. Compression check (x/80) 1: 76 2: 74 3: 72 4: 74 5: 74 6: 74. MO 47. Drained and sampled the oil, removed and inspected the oil filter. Installed a new oil filter and serviced the engine with 8 quarts of Phillips XC 20W-50. Cleaned, gapped and tested the spark plugs. Cleaned the fuel injector nozzles. Checked the mag timing. Final run up/leak check good. All Ad's current thru 2017-02.... Removed and replaced the ignition lead harness contact springs.... Removed all cylinders and sent for repair. Reinstalled repaired cylinders. Repairs completed by Continental Motors Services, Inc. under WO CS-7486.

I certify that this ENGINE has been inspected IAW an Annual Inspection and was found to be in Airworthy condition.

DATE: 2/14/2017 SIGNED: *Derrick S. Miller* Work Order: 4923-01-2017
Derrick S. Miller Certified Repair Station No. 5T2R901C Printed by EBis 3 (datcomedia.com)

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 -



Make: CMI
Model: IO-550-N (42)
S/N: 689692

1501 Narcissa Road Blue Bell, Pa 19422 (215) 646-0400

Date: 04/12/2018
N541WP
Hobbs: 901.3
Engine TT: 744.5
TSMOH: 744.5

Engine Entry:

Performed an Annual Inspection IAW FAR 43 Appendix D. using Cirrus MM Chapter 5-20 inspection checklist as a guide. Performed a compression test with results as follows: 1-76/80, 2-74/80, 3-72/80, 4-66/80, 5-72/80, 6-74/80. Master orifice reading: 46/80. No applicable AD's due at this time - reference AD compliance report for details. Cleaned, gapped and tested all spark plugs. Megged the ignition harness. Cleaned all fuel injectors. Lubricated all engine controls. Drained and sampled oil - oil sample was sent to Blackstone. Cut and inspected the oil filter - no unusual debris noted. Serviced the engine with 8 quarts of Phillips 20W-50 XC oil, 1 pint of Cam Guard and new CH48108-1 oil filter. Ground run-up and leak check good. Details of this inspection are on file at this facility under work order #T10407. END.

I certify that this ENGINE has been inspected IAW an Annual inspection and was determined to be in airworthy condition.

Milan Jovanovic
A&P3164117IA



Make: CMI
Model: IO-550-N (42)
S/N: 689692

1501 Narcissa Road Blue Bell, Pa 19422 (215) 646-0400

Date: 08/01/2019
N541WP
Hobbs: 937.6
Flight: 773.0
ETT: 773.0

Engine Entry:

Performed an Annual Inspection IAW FAR 43 Appendix D. using Cirrus MM Chapter 5-20 inspection checklist as a guide. Performed a compression test with results as follows: 1-74/80, 2-75/80, 3-75/80, 4-76/80, 5-72/80, 6-74/80. Master orifice reading: 46/80. No applicable AD's due at this time - reference AD compliance report for details. Cleaned, gapped and tested all spark plugs. Megged the ignition harness. Cleaned all fuel injectors. Lubricated all engine controls. Drained and sampled oil - oil sample was sent to Blackstone. Cut and inspected the oil filter - no unusual debris noted. Serviced the engine with 8 quarts of Phillips 20W-50 XC oil, 1 pint of Cam Guard and new CH48108-1 oil filter. Adjusted magneto timing. Ground run-up and leak check good. Details of this inspection are on file at this facility under work order #T11639. END.

I certify that this ENGINE has been inspected IAW an Annual inspection and was determined to be in airworthy condition.

Ryan McGee
A&P3786795IA

ENGINE MODEL:
IO-550-N42
ENGINE S/N: 689692
REG. NO: N541WP
WORK ORDER:
7083-02-2020

ADVANCED Fly Advanced
Repair Station No. 5T2R901C
530 Airport Rd.
Litz, PA 17543
Phone: 717-735-5179

DATE: 2/12/2020
A/C TSN: 805.6
ENG TT: 805.6
HOBBS: 975.8

Engine Entries

Drained the engine oil and replaced filter, Serviced engine with 7 qts of Phillips 20W50 X/C and 1 pint CamGuard. Cut open filter and inspected, no contamination found at this time. Performed oil analysis. Ground run and leak checked good.

Maintenance Release

The aircraft and/or component(s) on N541WP was repaired and inspected in accordance with the current rules and regulations of Title 14 of the Code of Federal Regulations, was found Airworthy and was returned to service.

DATE: 2/12/2020

SIGNED:
Joshua J. Ferry
Certified Repair Station No. 5T2R901C

Work Order: 7083-02-2020

Printed by EBis 3 (datcomedia.com)

Engine Service and Maintenance Record

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

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

ENGINE MODEL:
IO-550-N42
ENGINE S/N: 689692
REG. NO. N541WP
WORK ORDER:
7583-09-2020



Repair Station No. 5T2R901C
530 Airport Rd.
Litz, PA 17543
Phone: 717-735-5179

DATE: 12/9/2020
A/C TSN: 827 9
ENG TT: 827 9
HOBBS: 1002.9

Engine Entries

Annual Engine Inspection completed IAW FAR 91.409 and the requirements outlined in FAR 43 App. D. with reference to the Cirrus AMM checklist ch 5-20 Compression check (x/80) 1: 60 2: 70 3: 64 4: 66 5: 68 6: 58 MO 42. Drained oil and performed Blackstone oil analysis. Removed and inspected the oil filter, no contamination noted. Installed a new AA48108-2 oil filter and serviced the engine with 7 quarts of Phillips XC 20W-50 and 1 pint CamGuard. Cleaned, gapped and tested the spark plugs. Cleaned the fuel injector nozzles. Checked the mag timing. Final run up/leak check good. All Ad's current thru 2020-25... AD 2020-16-11 Continental Fractured Cross Flow Cylinder Assemblies Not Applicable by Date of Manufacture of Cylinders... Hartzell ASB-081 Alternator Castellated Hex-Nut Inspection Not Applicable by P/N of Alternator Installed... Removed and replaced the induction plenum assembly isolator mounts, removed and re-installed all intake tubes with new gaskets to facilitate plenum isolator replacement... Removed and replaced the #1 fuel injection line clamp

I certify that this ENGINE has been inspected IAW an Annual Inspection and was found to be in Airworthy condition.

DATE: 12/9/2020

SIGNED:
Joshua J. Ferry
Certified Repair Station No. 5T2R901C

Work Order: 7583-09-2020
Printed by EBis 3 (datcomedia.com)

ENGINE MODEL:
IO-550-N42
ENGINE S/N: 689692
REG. NO. N541WP
WORK ORDER:
8235-07-2021



Repair Station No. 5T2R901C
530 Airport Rd.
Litz, PA 17543
Phone: 717-735-5179

DATE: 7/13/2021
A/C TSN: 865
ENG TT: 865
HOBBS: 1047.1

Engine Entries

Drained the engine oil and replaced oil filter with new P/N: AA48108-2 filter. Serviced engine with 7 qts Phillips X/C 20w50 engine oil and 1 pint CamGuard. Cut open removed filter and inspected, no contamination found at this time. Performed Blackstone oil analysis. Ground run and leak checked ok at this time

Maintenance Release

The aircraft and/or component(s) on N541WP was repaired and inspected in accordance with the current rules and regulations of Title 14 of the Code of Federal Regulations, was found Airworthy and was returned to service.

DATE: 7/13/2021

SIGNED:
Joshua J. Ferry
Certified Repair Station No. 5T2R901C

Work Order: 8235-07-2021
Printed by EBis 3 (datcomedia.com)



Make: CMI
Model: IO-550-N (42)
S/N: 689692

1501 Narcissa Road Blue Bell, Pa 19422 (215) 646-0400

Date: 02/01/2022
N541WP
Hobbs: 1081.8
Flight: 894.2
ETT: 894.2

Engine Entry:

Performed an Annual Inspection IAW FAR 43 Appendix D. using Cirrus MM Chapter 5-20 inspection checklist as a guide. Performed a compression test with results as follows: 1-70/80, 2-63/80, 3-69/80, 4-60/80, 5-64/80, 6-56/80. Master orifice reading: 46/80. AD's checked through 2022-01. Cleaned, gapped and tested all spark plugs. Megged the ignition harness. Cleaned all fuel injectors. Lubricated all engine controls. Drained and sampled oil - oil sample was sent to Blackstone. Cut and inspected the oil filter - no unusual debris noted. Serviced the engine with 8 quarts of Phillips 20W-50 XC oil, 1 pint of Cam Guard and new AA48108-2 oil filter. Adjusted magneto timing. Ground run-up and leak check good. Details of this inspection are on file at this facility under work order #LWO-15035. END.

I certify that this ENGINE has been inspected IAW an Annual inspection and was determined to be in airworthy condition.

Ryan McGee
A&P37867951A

Brought Forward →

B Oil Change
 A Date 5-10-23 Tach 1351/414
 A Service with Phillips 20 50
 A Signature Mel Welch A7673236
 S

Date 12-21-23 Annual/100hr inspection Tach 1466.7 Change oil & filter

B Phillips 20w50 -Check & clean fuel screens-Clean gap & test sparkplugs
 -Check Mags, Starter & Alternator-Check Exhaust system for leaks & cracks
 A -Check & lube all engine controls- wash engine & cowl down-run up and leak check. Replace all spark plugs with new- Replace air filter
 A with new- Remove both mag nets for 500w
 S inspector's see tags

Compression

1	68	3	68	5	71
2	68	4	67	6	66
80					

wo: WO_5075



Engine - page 1 of 1

Heck Air LLC - 1389 General Aviation Dr. - Melbourne, FL 32935 - 3212559155

N541WP
 Tach: 1247.3

April 02, 2024

Removed cowling and drained oil. Removed and replaced oil filter AA48108-2. serviced engine with qts of XC 20W50. Leak check satisfactory. Installed cowling. Installed P/N AA48108-2 - AA48108-2 Oil Filter, Installed (12) P/N XC-20W50QT - Phillips X/C 20W50 Oil - Quart.

Devin Welch A&P IA 4210485 *[Signature]*

Engine Service and Maintenance Record

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

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

Brought Forward →



FCA Flight Training & Aircraft Maintenance LL
 2770 Old SR 38 NE
 Washington Court House OH 43160
 9374037170

Make: Cirrus
Model: SR22
Tail: N541WP
S/N: 1931

Hours: AC: ~~1460.4~~ ^{1600.4} TT: 1600.4 EngTT: 1319.7 PropTT: 1319.7 Hobbs: 1600.4 Misc:

Replaced brake lines RA66-62 on both main gear assemblies check Compression, check magneto timing, inspected spark plugs all tested good, installed new right muffler AWI A21892-001 SN: 2438, Installed New Receiver /Dryer 1134275-9 recharge A/C.

Signed:
Name: Jerry Van Dyke

Cert: 3291097 I/A
Date: 09/13/2024

Date: 12/16/2024 **Hours:** TTAF: 1656.0 Tach: 1366.1 TTE: 1366.1 TTP: 1366.1
Tail#: N541WP
Make: Cirrus **Model:** SR22 **S/N:** 1931

Annual Inspection completed Per 43 Appendix "D" I certify that his Engine has been inspected in A/W Annual Inspection and is found to be in Airworthy condition as of 12/16/2024, compressions Cyl#1 72/80, Cyl#2 65/80, Cyl#3 70/80, Cyl#4 60/80, Cyl#5 76/80, Cyl# 6, 76/80, Magneto timing 22 degrees both, Test leads, drain oil, change oil filter 48108-2, clean oil sump and fuel sump screens, added 8qts phillips 20w50, clean test and rotate plugs,



Jerry Van Dyke
 FCA Flight Training & Aircraft Maintenance LL

Cert: 3291097 I/A
Sign: