

# 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: 11/28/2004


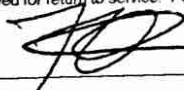

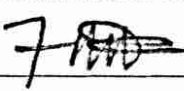
This engine model 10550N27, Serial No. 917475 was manufactured on 11/28/2004 by Teledyne Continental Motors in accordance with approved design data and the applicable requirements of Part 21 of the Federal Aviation Regulation. The approved design data for this engine incorporates all changes required by applicable Airworthiness Directives and Teledyne Continental Motors Service Bulletins.

*Thomas A. Howard*

**TELEDYNE CONTINENTAL MOTORS**

A TELEDYNE TECHNOLOGIES COMPANY

PRODUCTION CERTIFICATE NO. 508

Date	Total Time		Time Since Last Overhaul		<b>Engine Service and Maintenance Record</b> Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
<div style="display: flex; justify-content: space-between;"> <div>           ENGINE MODEL: IO-550-N            (27)            ENGINE S/N:            REG. NO: 281CD            WORK ORDER: 5103         </div> <div style="text-align: center;">  <b>Lincoln Park Aviation</b>            Repair Station No. LKPR101K            425 Beaverbrook Road            Lincoln Park, NJ 07035            Phone: 973-633-0450         </div> <div>           DATE: 1/31/2005            A/C TSN: 27.6            ENG TT: 27.6            TSMOH: 27.6            HOBBS: 27.6         </div> </div>					
<b>Engine Entries</b> (1) Completed oil and filter change, inspected oil filter and found no contamination. Added 8qts of 80w mineral oil.					
The Aircraft, Airframe, Aircraft Engine, Propeller or Appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is Approved for return to service. Pertinent details of the repair are on file at this repair station under work order listed below.					
DATE: 1/31/2005		SIGNED: 		Inspector 2	
		Frank R Galella Certified Repair Station No. LKPR101K		Work Order: 5103 Printed by EBis 3 (datcomedia.com)	
<div style="display: flex; justify-content: space-between;"> <div>           ENGINE MODEL: IO-550-N            (27)            ENGINE S/N: 917475            REG. NO: 281CD            WORK ORDER: 5173         </div> <div style="text-align: center;">  <b>Lincoln Park Aviation</b>            Repair Station No. LKPR101K            425 Beaverbrook Road            Lincoln Park, NJ 07035            Phone: 973-633-0450         </div> <div>           DATE: 3/7/2005            A/C TSN: 44.3            ENG TT: 44.3            TSMOH: 44.3            HOBBS: 44.3         </div> </div>					
<b>Engine Entries</b> (1) Completed oil and filter change, inspected oil filter and found no contamination. Added 8qts of 15w50 oil.					
The Aircraft, Airframe, Aircraft Engine, Propeller or Appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is Approved for return to service. Pertinent details of the repair are on file at this repair station under work order listed below.					
DATE: 3/7/2005		SIGNED: 		Inspector 2	
		Frank R Galella Certified Repair Station No. LKPR101K		Work Order: 5173 Printed by EBis 3 (datcomedia.com)	

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ENGINE MODEL: IO-550-N  
(27)  
ENGINE S/N: 917475  
REG NO: 281CD  
WORK ORDER: 5349



**Lincoln Park Aviation**

Repair Station No. LKPR101K  
425 Beaverbrook Road  
Lincoln Park, NJ 07035  
Phone: 973-633-0450

DATE: 5/23/2005  
A/C TSN: 88  
ENG TT: 88  
TSMOH: 88  
HOBBS: 88

**Engine Entries**

(1) Remove and replace exhaust #5 header with new assembly.

The Aircraft, Airframe, Aircraft Engine, Propeller or Appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is Approved for return to service. Pertinent details of the repair are on file at this repair station under work order listed below.

DATE: 5/23/2005

SIGNED:

**Inspector 2**

Work Order: 5349

Frank R Galella  
Certified Repair Station No. LKPR101K

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ENGINE MODEL: IO-550-N  
(27)  
ENGINE S/N: 917475  
REG NO: 281CD  
WORK ORDER: 5420



**Lincoln Park Aviation**

Repair Station No. LKPR101K  
425 Beaverbrook Road  
Lincoln Park, NJ 07035  
Phone: 973-633-0450

DATE: 6/17/2005  
A/C TSN: 104.5  
ENG TT: 104.5  
TSMOH: 104.5  
HOBBS: 104.5

**Engine Entries**

(1) Completed oil and filter change, inspected oil filter and found no contamination. Added 8qts of 15w50 oil.... (4) Topped off aircraft with fuel

The Aircraft, Airframe, Aircraft Engine, Propeller or Appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is Approved for return to service. Pertinent details of the repair are on file at this repair station under work order listed below.

DATE: 6/17/2005

SIGNED:

**Inspector 2**

Work Order: 5420

Frank R Galella  
Certified Repair Station No. LKPR101K

Printed by EBis 3 (datcomedia.com)

Modifications, Inspections, Airworthiness Directives, Special Inspections, and Maintenance Record

ENGINE MODEL: IO-550-N  
(27)  
ENGINE S/N: 917475  
REG. NO: 281CD  
WORK ORDER: 5465



**Lincoln Park Aviation**

Repair Station No. LKPR101K  
425 Beaverbrook Road  
Lincoln Park, NJ 07035  
Phone: 973-633-0450

DATE: 7/7/2005  
A/C TSN: 119.2  
ENG TT: 119.2  
HOBBS: 119.2


**Engine Entries**

- (1) Removed and replaced oil pressure sensor with new.

The Aircraft, Airframe, Aircraft Engine, Propeller or Appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is Approved for return to service. Pertinent details of the repair are on file at this repair station under work order listed below.

DATE: 7/7/2005

SIGNED:

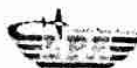
  
Frank R Galella  
Certified Repair Station No. LKPR101K

Inspector 2

Work Order: 5465

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ENGINE MODEL: IO-550-N  
(27)  
ENGINE S/N: 917475  
REG. NO: 281CD  
WORK ORDER: 5713



**Lincoln Park Aviation**

Repair Station No. LKPR101K  
425 Beaverbrook Road  
Lincoln Park, NJ 07035  
Phone: 973-633-0450

DATE: 10/12/2005  
A/C TSN: 180.9  
ENG TT: 180.9  
TSMOH: 180.9  
HOBBS: 180.9

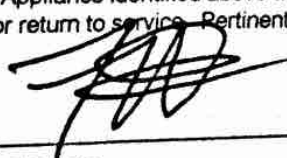
**Engine Entries**

- (1) Completed oil and filter change, inspected oil filter and found no contamination. Added 7qts of 15w50 oil.  
(7 engine 2 baggage)

The Aircraft, Airframe, Aircraft Engine, Propeller or Appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is Approved for return to service. Pertinent details of the repair are on file at this repair station under work order listed below.

DATE: 10/12/2005

SIGNED:

  
Frank R Galella, IA: 2764795

Inspector 2

Work Order: 5713

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PROP MODEL:  
PROP S/N:  
REG. NO: 281CD  
WORK ORDER: 5841

### Lincoln Park Aviation

Repair Station No. LKPR101K  
425 Beaverbrook Road  
Lincoln Park, NJ 07035  
Phone: 973-633-0450

Work Order: 5713  
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### Prop Entries

(4) RETORQUE AND SAFTY PROP TKS FITTINGS AS REQUIRED.

The Aircraft, Airframe, Aircraft Engine, Propeller or Appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is Approved for return to service. Pertinent details of the repair are on file at this repair station under work order listed below.

DATE: 11/14/2005

SIGNED:

Frank R Galella, IA: 2764795

Inspector 2  
Work Order: 5841  
Printed by EBis 3 (datamedia.com)

ENGINE MODEL: IO-550-N  
(27)  
ENGINE S/N: 917475  
REG. NO: 281CD  
WORK ORDER: 5967

### Lincoln Park Aviation

Repair Station No. LKPR101K  
425 Beaverbrook Road  
Lincoln Park, NJ 07035  
Phone: 973-633-0450

DATE: 1/12/2006  
A/C TSN: 50  
ENG TT: 242.4  
TSMOH: 242.4  
HOBBS: 242.4

### Engine Entries

(2) ANNUAL/ENGINE - Drained oil, change filter and/or cleaned screens, no contamination found. Cleaned and gapped spark plugs, check compression using 80 psi as reference: #1) 75/80 #2) 72/80 #3) 75/80 #4) 65/80 #5) 68/80 #6) 75/80  
Checked fuel system, drained sumps. Checked mags and timing. Checked prop for leaks and greased if required.... (4) COMPLIED WITH SB 2X-28-04  
FUEL LINE CHAFING AS PER SB INSTRUCTIONS... (9) INSTALL GAMI INJECTOR NOZZEL KIT IAW INSTALL PROCEDURE # IP-20001-01  
INSTRUCTIONS... (13) INSTALL NEW INDUCTION DUCT ASSY. OPS CHECK OK... (14) REPLACED ALTERNATOR AIR BRACKET WITH NEW...  
(21) MANUFACTURED AND INSTALLED PATCH REPAIR TO ENGINE BAFFLE

The Aircraft, Airframe, Aircraft Engine, Propeller or Appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is Approved for return to service. Pertinent details of the repair are on file at this repair station under work order listed below.

DATE: 1/12/2006

SIGNED:

Frank R Galella, IA: 2764795

Inspector 2  
Work Order: 5967  
Printed by EBis 3 (datamedia.com)

ENGINE MODEL: IO-550-N  
(27)  
ENGINE S/N: 917475  
REG. NO: 281CD  
WORK ORDER: 6011

### Lincoln Park Aviation

Repair Station No. LKPR101K  
425 Beaverbrook Road  
Lincoln Park, NJ 07035  
Phone: 973-633-0450

DATE: 2/3/2006  
A/C TSN: 74  
ENG TT: 266.4  
TSMOH: 266.4  
HOBBS: 266.4

#### Engine Entries

(1) REMOVED AND REPLACED #5 CHT PROBE

The Aircraft, Airframe, Aircraft Engine, Propeller or Appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is Approved for return to service. Pertinent details of the repair are on file at this repair station under work order listed below.

DATE: 2/3/2006

SIGNED:

Frank R. Galella, IA: 2764795

Inspector 2

Work Order: 6011

Printed by EBis 3 (datamedia.com)

ENGINE MODEL: IO-550-N  
(27)

ENGINE S/N: 917475  
REG. NO: 281CD  
WORK ORDER: 6058

### Lincoln Park Aviation

Repair Station No. LKPR101K  
425 Beaverbrook Road  
Lincoln Park, NJ 07035  
Phone: 973-633-0450

DATE: 2/28/2006  
A/C TSN:  
ENG TT: 271.9  
TSMOH: 271.9  
HOBBS: 271.9

#### Engine Entries

(2) Completed oil and filter change, inspected oil filter and found no contamination. Added 8qts of 15w50 oil.

The Aircraft, Airframe, Aircraft Engine, Propeller or Appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is Approved for return to service. Pertinent details of the repair are on file at this repair station under work order listed below.

DATE: 2/28/2006

SIGNED:

Frank R. Galella, IA: 2764795

Inspector 2

Work Order: 6058

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ENGINE MODEL: IO-550-N  
(27)

ENGINE S/N: 917475  
REG. NO: 281CD  
WORK ORDER: 6249

### Lincoln Park Aviation

Repair Station No. LKPR101K  
425 Beaverbrook Road  
Lincoln Park, NJ 07035  
Phone: 973-633-0450

DATE: 5/15/2006  
A/C TSN: 316.8  
ENG TT: 316.8  
TSMOH: 316.8  
HOBBS: 316.8

#### Engine Entries

(1) Completed oil and filter change, inspected oil filter and found no contamination. Added 7qts of 15w50 oil. (12 quarts of oil in baggage)

The Aircraft, Airframe, Aircraft Engine, Propeller or Appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is Approved for return to service. Pertinent details of the repair are on file at this repair station under work order listed below.

DATE: 5/15/2006

SIGNED:

Frank R. Galella  
Certified Repair Station No. LKPR101K

INSPECTOR #2  
FRG III

Work Order: 6249

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AOA Maintenance LLC  
319 N Crystal Lake Drive  
Orlando Florida 32803

Monday, 23 October, 2006

N 281CD S/N 1253 TYPE SR22 TACH 396.8

DRAIN OIL, INSPECTED OIL FILTER ELEMENT, INSTALLED NEW  
OIL FILTER, SEE VIDEO WITH 8 QTS APPROX. 15W50, SERVICED SPARK  
PLUGS, REPLACED PTH FWD AND SIDE BARBLE CW SB 2X-71-14 BEEFLE  
REPLACE MODIFICATION CW SB 2X-71-12 R2 REDUCTION OIL, SUPPLEMENT  
DRAINAGE REMOVAL BY INSTALLING NEW OIL PAN 15409001 TO REPLACE  
AIR FILTER ELEMENT BA-24 NEXT DUE 596.8



RICK A MARK  
AP307786008

WORK ORDER: 7042



### Lincoln Park Aviation

Repair Station No. LKPR101K  
425 Beaverbrook Road  
Lincoln Park, NJ 07035  
Phone: 973-633-0450

Maintenance Record  
Service Bulletins, Worthiness Directives, Special Inspections

### Engine Entries

(2) ANNUAL/ENGINE - Drained oil, change filter and/or cleaned screens, no contamination found. Cleaned and gapped spark plugs, check compression using 80 psi as reference: #1) 72/80 #2) 70/80 #3) 72/80 #4) 72/80 #5) 72/80 #6) 72/80  
Checked fuel system, drained sumps. Checked mags and timing. Checked prop for leaks and greased if required. (8) INSTALL NEW INDUCTION AIR FILTER. (14) COMPLETED FUEL FLOW SET UP IAW TCM SID 97-3C. (17) REPLACED BATTERY POSITIVE TERMINAL BOOT WITH NEW. (25) REMOVED AND REPLACED #4 CYL EGT WITH NEW. OPS CHECK OK. (30) REMOVED AND CLEANED FUEL INJECTORS, REPLACE GASKETS AND RE-TORQUED.

DATE: 4/30/2007  
A/C TSN 409 1  
ENG TT  
TSMOH 409 1  
HOBBS 409 1

The Aircraft, Airframe, Aircraft Engine, Propeller or Appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is Approved for return to service. Pertinent details of the repair are on file at this repair station under work order listed below.

DATE: 4/30/2007

SIGNED:

Frank R Galella  
Certified Repair Station No. LKPR101K

Inspector 2

Work Order: 7042  
Printed by EBis 3 (datcomedia.com)

ENGINE MODEL:  
ENGINE S/N: 1253  
REG. NO: 361JB  
WORK ORDER: 7649



### Lincoln Park Aviation

Repair Station No. LKPR101K  
425 Beaverbrook Road  
Lincoln Park, NJ 07035  
Phone: 973-633-0450

DATE: 2/4/2008  
A/C TSN 458 6  
ENG TT  
TSMOH 458 6  
HOBBS 458 6

### Engine Entries

(2) ANNUAL/ENGINE - Drained oil, change filter and/or cleaned screens, no contamination found. Cleaned and gapped spark plugs, check compression using 80 psi as reference: #1) 70/80 #2) 65/80 #3) 67/80 #4) 71/80 #5) 68/80 #6) 74/80  
Checked fuel system, drained sumps. Checked mags and timing. Checked prop for leaks and greased if required. (11) REMOVED AND REPLACED #5 CHT PROBE WITH NEW. (19) REMOVED AND REPLACED OIL COOLER WITH NEW. (28) REMOVED AND REPLACED TAIL PIPE EXHAUST BRACKET AND SPRINGS WITH NEW.

The Aircraft, Airframe, Aircraft Engine, Propeller or Appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is Approved for return to service. Pertinent details of the repair are on file at this repair station under work order listed below.

DATE: 2/4/2008

SIGNED:

Frank R Galella  
Certified Repair Station No. LKPR101K

Inspector 2

Work Order: 7649  
Printed by EBis 3 (datcomedia.com)

ENGINE MODEL:  
ENGINE S/N:  
REG. NO: 281CD  
WORK ORDER: 6612



### Lincoln Park Aviation

Repair Station No. LKPR101K  
425 Beaverbrook Road  
Lincoln Park, NJ 07035  
Phone: 973-633-0450

DATE: 9/20/2006  
A/C TSN 385  
ENG TT 385  
TSMOH 385  
HOBBS 385

### Engine Entries

(1) REMOVED AND REPLACED SHEAR COUPLING WITH NEW. OPS CHECK OK

The Aircraft, Airframe, Aircraft Engine, Propeller or Appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is Approved for return to service. Pertinent details of the repair are on file at this repair station under work order listed below.

DATE: 9/20/2006

SIGNED:

Frank R Galella

Inspector 2

Work Order: 6612  
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# Modifications and Service Bulletins

RONSON AVIATION, INC.

CRS EHHR538D  
(609) 771-9500

TRENTON-MERCER AIRPORT  
FAX (609) 771-0651

TRENTON, NJ 08628

## ENGINE LOG

1. PERFORMED ANNUAL INSPECTION AS PER CIRRUS SR-22 M/M CHAPTER 5.
2. DIFF COMP #1 71/80 #2 64/80 #3 70/80 #4 71/80 #5 70/80 #6 70/80.
3. REPLACED BRACKETT INDUCTION AIR FILTER P/N BA24.
4. PERFORMED 500 HOUR MAGNETO IMPULSE COUPLING INSP AS PER TCM 520/S200 IGNITION SYSTEM SUPPORT MANUAL. FOUND OK.
5. PERFORMED 500 HOUR ALTERNATOR ON P/N 646843 S/N 004KA103. FOUND COMPONENTS OK. REF TCM M/M X30531-3.
6. CHANGED OIL AND FILTER CUT OPEN REMOVED FILTER, NO METAL NOTED. INSTALLED CH48108-1 FILTER AND 8 QUARTS OF AEROSHELL 15W50 OIL.

REG #	N361JB	DATE:	2/2/2009
MAKE:	TCM	W/O #:	24646
MODEL:	IO550N	HM	499.3
S/N:	917475	TT:	499.3

## MAINTENANCE RELEASE

I certify that this aircraft has been inspected in accordance with an ANNUAL and was inspected and approved for return to service.  
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

RONSON AVIATION, INC.

CRS EHHR538D  
(609) 771-9500

TRENTON-MERCER AIRPORT  
FAX (609) 771-0651

TRENTON, NJ 08628

RONSON AVIATION, INC.

CRS EHHR538D  
(609) 771-9500

TRENTON-MERCER AIRPORT  
FAX (609) 771-0651

TRENTON, NJ 08628

## ENGINE LOG

1. PERFORMED ANNUAL INSPECTION AS PER CIRRUS SR-22 M/M CHAPTER 5.
2. DIFF COMP #1 71/80 #2 65/80 #3 72/80 #4 68/80 #5 71/80 #6 74/80.
3. REPLACED BRACKETT INDUCTION AIR FILTER P/N BA24.
4. REPLACED FORWARD ENGINE BAFFEL P/N 15480-002
5. CHANGED OIL AND FILTER CUT OPEN REMOVED FILTER, NO METAL NOTED. INSTALLED CH48108-1 FILTER AND 8 QUARTS OF AEROSHELL 15W50 OIL.

REG #	N361JB	DATE:	5/21/2010
MAKE:	TCM	W/O #:	25166
MODEL:	IO550N	HM	560.1
S/N:	917475	TT:	560.1

## MAINTENANCE RELEASE

I certify that this aircraft has been inspected in accordance with an ANNUAL and was inspected and approved for return to service.  
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

RONSON AVIATION, INC.

CRS EHHR538D  
(609) 771-9500

TRENTON-MERCER AIRPORT  
FAX (609) 771-0651

TRENTON, NJ 08628

Brought Forward

• Jet East Corporate Aviation, LLC • CRSJ21R713Y • TRENTON-MERCER AIRPORT • TRENTON, NJ 08628 • Phone (215)-937-9020 • Fax (609)-600-1718



# ENGINE LOG BOOK

REG #	N361JB	DATE:	6/20/11
MAKE:	TCM	W/O #:	11TR62160
MODEL	IO550N	Hobbs:	608.8
S/N:	917475	TT:	608.8

1. COMPLIED WITH ENGINE ANNUAL INSPECTION IAW CIRRUS SR20 MM CH 5
2. DIFF COMP #1 74/80 #2 60/80 #3 70/80 #4 66/80 #5 71/80 #6 759/80
3. CHANGE OIL AND OIL FILTER. CUT OPEN FILTER NO DEFETS NOTED. SERVICED WITH 8 QT OF AEROSHELL 15XW50. FILTER P/N CH48108-1. LEAK CHECK GOOD.
4. AD 2010-11-04 N/A NO LIFTER REPLACMENT OR ENGINE OVERHAUL.

I certify that this engine has been inspected in accordance with an ANNUAL inspection, determined to be in airworthy condition and return to service. Pertinent details of the inspection are on file at this agency under the work number shown above.

Signed [Signature] for Jet East Corporate Aviation, LLC CRS J21R713Y

ENGINE MODEL:  
IO-550-N  
ENGINE S/N: 917475  
REG. NO: N361JB  
WORK ORDER:  
2367-07-2012

## Advanced Aircraft Services

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

DATE: 8/2/2012  
A/C TSN: 672  
ENG TT: 672  
HOBBS: 672

## Engine Entries

Cirrus Engine Annual Inspection completed using the Cirrus AMM check list ch. 5-20. Compression check (x/80) 1: 70 2: 77 3: 65 4: 65 5: 62 6: 70. 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. 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 2012-15.... AD 2012-10-13 Starter Adapter, N/A by P/N.... AD 2012-03-06 Avstar Diaphragms, N/A, not installed.... C/W AD 2011-25-51 Starter adapter, N/A by P/N.... AD 2010-11-04 Hyd Lifters N/A by date.... AD 09-16-03 Superior Cylinders, N/A not installed.... AD 2007-16-10 Kelly Turbos, N/A not installed.... C/W 500 hour mag inspection on both mags. Replaced garlock seal, distributor gear set, points. Timed mags internally and timed mags to engine. Ops check good.... C/W SID 97-3E Fuel System Adjustment.

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

DATE: 8/2/2012

SIGNED:

Richard A. Barnhart II, A-3124994AP

Work Order: 2367-07-2012

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ENGINE MODEL:  
IO-550-N

**ADVANCED** Advanced Lancaster LP

DATE: 9/10/2013  
A/C TSN: 723.7

DATE: 8/2/2012

SIGNED:

Richard A. Barnhart II, IA 3124994AP

Work Order: 2367-07-2012

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL:  
IO-550-N  
ENGINE S/N: 917475  
REG. NO: N361JB  
WORK ORDER:  
3030-08-2013



Advanced Lancaster LP

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

DATE: 9/10/2013  
A/C TSN: 723.7  
ENG TT: 723.7  
HOBBS: 723.7

**Engine Entries**

Cirrus Engine Annual Inspection completed using the Cirrus AMM check list ch. 5-20. Compression check (x/80) 1: 76 2: 72 3: 72 4: 60 5: 74 6: 76. 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. 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 2013-17.... Removed and replaced the engine sparkplugs, installed 12 new URHB32S fine wire plugs.... SA13-03 Bronze levers, N/A SS levers are installed.... Removed and replaced all ignition lead springs.

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

DATE: 9/10/2013

SIGNED:

Richard A. Barnhart II, IA 3124994AP

Work Order: 3030-08-2013

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- Jet East Corporate Aviation, LLC • CRS J21R713Y • TRENTON-MERCER AIRPORT • TRENTON, NJ 08628 • Phone (215)-937-9020 • Fax (609)-600-1718

**AIRFRAME LOG**

REG #	N361JB	DATE:	9/21/2012
MAKE:	CIRRUS	W/O #:	12TR94054
MODEL:	SR22	HM:	683.2
S/N:	1253	TT:	683.2

- #1 CYLINDER CHT PROBE DEFECTIVE, REPLACED PROBE, OFF P/N 14880-001, S/N M464716. ON P/N 14880-001, S/N 1122. DONE IAW CIRRUS SR-22 M.M. CHAPTER 74-00. OPS CHECK GOOD.

I certify that this aircraft has been inspected and repaired and, determined to be in airworthy condition and return to service. Pertinent details of the inspection are on file at this agency under the work number shown above.

Signed

for Jet East Corporate Aviation, LLC CRS J21R713Y

# SERVICEABLE

(COMPONENTS)

Cylinder Continental  
COMPONENT NAME MFG. NAME

IO-550 Nickel  
MODEL or TYPE SERIAL No.

☐ REPAIRED ☒ O'HAULED ☐ TESTED ☐ INSPECTED

( See Reverse Side for Details )

The aircraft component identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service.

Pertinent details of this repair are on file at this repair station under:

OWNER Advanced Aircraft  
WORK ORDER No. 212179 DATE 7-27-12

[Signature]  
SIGNED FOR:

**Zephyr Aircraft Engine, Inc.**  
FAA Approved Repair Station #VI4R597M  
Municipal Airport  
39320 B Avenue • Zephyrhills, FL 33542

ght Forward

# Modifications and Service Bulletins

ENGINE MODEL:  
IO-550-N  
ENGINE S/N: 917475  
REG. NO: N361JB  
WORK ORDER:  
3078-09-2013



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

DATE: 5/27/2014  
A/C TSN: 758  
ENG TT: 756  
HOBBS: 756

## Engine Entries

Drained the engine oil and replaced filter. Serviced engine with 8 qts of Phillips 20W50 X/C. 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 N361JB 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: 5/27/2014

SIGNED:

Jonathan T. Milby, A&P 3477163AP

Work Order: 3078-09-2013

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ENGINE MODEL:  
IO550N(27B)  
ENGINE S/N: 917475  
REG. NO: N361JB  
WORK ORDER:  
3594-09-2014



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

DATE: 10/21/2014  
A/C TSN: 797.1  
ENG TT: 797.1  
HOBBS: 797.1

## Engine Entries

Cirrus Engine Annual Inspection completed using the Cirrus AMM check list ch. 5-20. Compression check (x/80) 1: 61 2: 70 3: 62 4: 78 5: 67 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 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 2014-21. AD 2014-05-29 - SAP. Cylinders. N/A SAP cylinders not installed. Removed and installed cylinder #4 for repair at CMI Factory Service Center. Adjusted mag-to-engine timing to 22° BTDC. Removed and replaced Cylinder #2 push rod tube seals. Removed and replaced Cyl. #1 fuel injector nozzle.

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

DATE: 10/21/2014

SIGNED:

Milan Jovanovic, IA: 316417AP

*N361JB June 2013  
TT 687.9 hrs  
Removed top cowling, 25R #6 bolts  
Plug in skilling new champion  
RH B32E plug, install cowling  
Ground run 15 min  
Dennis A&P 275849*

ENGINE MODEL:  
IO550N(27B)  
ENGINE S/N: 917475  
REG. NO: N361JB  
WORK ORDER:  
4211-11-2015



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

DATE: 11/8/2015  
A/C TSN: 840.2  
ENG TT: 840.2  
HOBBS: 840.2

## Engine Entries

Cirrus Engine Annual Inspection completed using the Cirrus AMM check list ch. 5-20. Compression check (x/80) 1: 71 2: 76 3: 61 4: 72 5: 61 6: 68 MO 46. 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 2015-22. Removed and replaced the oil pressure regulator crush gasket and washer. Removed and replaced all 12 ignition lead contact springs.

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

DATE: 11/8/2015

SIGNED:

Richard A. Bennett II, IA: 312594AP

Work Order: 4211-11-2015

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