

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: 10/08/2004

This engine model I0550N27, Serial No. 917329 was manufactured on 10/07/2004 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 R. Howard

TELEDYNE CONTINENTAL MOTORS

A TELEDYNE TECHNOLOGIES COMPANY

PRODUCTION CERTIFICATE NO. 508

| 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. | |

MAKE: Cirrus
 MODEL: SR22
 S/N: 1168
 REG. NO: 24RF
 WORK ORDER: 4965



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

DATE: 11/30/2004
 A/C TSN: 27.7
 HOBBS: 27.7

Airframe Entries

(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: 11/30/2004

SIGNED:

Inspector 2

Work Order: 4965

Printed by EBis 3 (datcomedia.com)

MAKE: Cirrus
 MODEL: SR22
 S/N: 1168
 REG. NO: 24RF
 WORK ORDER: 5043



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

DATE: 1/3/2005
 A/C TSN: 41.9
 HOBBS: 41.9

Airframe Entries

(1) CLEANED #4 CYL. FUEL INJECTOR. TEST RUN UP GOOD.

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: 1/3/2005

SIGNED:

Inspector 2

Work Order: 5043

Printed by EBis 3 (datcomedia.com)

Frank R Galella
 Certified Repair Station No. LKPR101K

ENGINE MODEL: IO-550-N
 (27)
 ENGINE S/N: 917329
 REG. NO: 24RF
 WORK ORDER: 5206



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

DATE: 3/22/2005
 A/C TSN: 78.4
 ENG TT: 78.4
 TSMOH: 78.4
 HOBBS: 78.4

Engine Entries

(1) Completed oil and filter change, inspected oil filter and found no contamination. Added 8qts of 15w50 oil... (2) Removed, and cleaned #6 cylinder injector, and re-installed.

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: 3/22/2005

SIGNED:

Inspector 2

Work Order: 5206

Printed by EBis 3 (datcomedia.com)

Frank R Galella
 Certified Repair Station No. LKPR101K

ENGINE MODEL: IO-550-N
 (27)
 ENGINE S/N: 917329
 REG. NO: 24RF
 WORK ORDER: 5281



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

DATE: 4/25/2005
 A/C TSN: 111
 ENG TT: 78.4
 TSMOH: 78.4
 HOBBS: 111

Engine Entries

(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: 4/25/2005

SIGNED:

Inspector 2

Work Order: 5281

Printed by EBis 3 (datcomedia.com)

Frank R Galella
 Certified Repair Station No. LKPR101K

| 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 For


ENGINE MODEL: 10-550-N (27)
ENGINE S/N: 917329
REG. NO: 24RF
WORK ORDER: 5870

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

DATE: 11/23/2005
A/C TSN: 147.8
ENG TT: 147.8
TSMOH: 147.8
HOBBS: 147.8

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) 74/80 #3) 75/80 #4) 74/80 #5) 72/80 #6) 75/80
Checked fuel system, drained sumps. Checked mags and timing. Checked prop for leaks and greased if required... (10) CLEANED, TIGHTENED, APPLIED STABILANT22 AND HEAT SHRUNK ALL CHT & EGT PROBE CONNECTIONS... (16) STOP DRILL CRACK IN RIGHT FRONT ENGINE BAFFLE... (19) APPLY ANTI-CHAFFE BETWEEN #5 CYL. VALVE COVER AND RIGHT SIDE 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: 11/23/2005 SIGNED: 
Frank R Galella, IA: 2764795

Work Order: 5870
Printed by EBIS 3 (datcomedia.com)

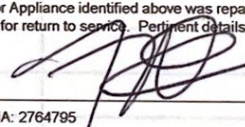
ENGINE MODEL: 10-550-N (27)
ENGINE S/N: 917329
REG. NO: 24RF
WORK ORDER: 5979

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

DATE: 1/17/2006
A/C TSN: 160.7
ENG TT: 160.7
TSMOH: 160.7
HOBBS: 160.7

Engine Entries
(2) REPLACED #1 AND #6 CHT PROBES WITH NEW... (4) COMPLIED WITH SB 2X-28-04 FUEL LINE CHAFING AS PER SB INSTRUCTIONS... (5) REPLACED ALTERNATE AIR SUPPORT TUBE 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: 1/17/2006 SIGNED: 
Frank R Galella, IA: 2764795

Work Order: 5979
Printed by EBIS 3 (datcomedia.com)

ENGINE MODEL: 10-550-N (27)
ENGINE S/N: 917329
REG. NO: 24RF
WORK ORDER: 5079

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

DATE: 1/24/2005
A/C TSN: 46.3
ENG TT: 46.3
TSMOH: 46.3
HOBBS: 46.3

Engine Entries
(3) 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: 1/24/2005 SIGNED: 
Robert Betzler
Certified Repair Station No. LKPR101K

INSPECTOR #3
Work Order: 5079
Printed by EBIS 3 (datcomedia.com)

ENGINE MODEL: 10-550-N (27)
ENGINE S/N: 917329
REG. NO: 24RF
WORK ORDER: 6131

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

DATE: 3/28/2006
A/C TSN: 171.7
ENG TT: 171.7
TSMOH: 171.7
HOBBS: 171.7

Engine Entries
(1) Completed oil and filter change, inspected oil filter and found no contamination. Added 8qts of 15w50 oil... (2) REMOVED AND REPLACED #1 AND #6 CYL CHT PROBES 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: 3/28/2006 SIGNED: 
Frank R Galella, IA: 2764795

IA#2764795
Work Order: 6131
Printed by EBIS 3 (datcomedia.com)

Maintenance Record
 Repairs, Special Inspections,

DATE: 11/23/2005
 A/C TSN: 147.8
 ENG TT: 147.8
 TSMOH: 147.8
 HOBBS: 147.8

plugs, check compression
 OIL CHANGED, TIGHTENED,
 FRONT ENGINE

current regulations of the
 station under work order listed

Work Order: 5870
 EBis 3 (datcomedia.com)

DATE: 1/17/2006
 A/C TSN: 160.7
 ENG TT: 160.7
 TSMOH: 160.7
 HOBBS: 160.7

SB INSTRUCTIONS... (5)

current regulations of the
 station under work order listed

Work Order: 5979
 EBis 3 (datcomedia.com)

DATE: 1/24/2006
 A/C TSN: 46.3
 ENG TT: 46.3
 TSMOH: 46.3
 HOBBS: 46.3

current regulations of the
 station under work order listed




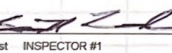
Work Order: 5079
 EBis 3 (datcomedia.com)

DATE: 3/28/2006
 A/C TSN: 171.7
 ENG TT: 171.7
 TSMOH: 171.7
 HOBBS: 171.7

REMOVED AND REPLACED #1 AND

current regulations of the
 station under work order listed

34795
 Work Order: 6131
 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. | |
| ENGINE MODEL: 10-550-N (27) ENGINE S/N: 917329 REG. NO. 24RF WORK ORDER: 6529 |  | | Lincoln Park Aviation Repair Station No. LKPR101K 425 Beaverbrook Road Lincoln Park, NJ 07035 Phone: 973-633-0450 | | DATE: 8/21/2006 A/C TSN: 236.7 ENG TT: 236.7 TSMOH: 236.7 HOBBS: 236.7 |
| Engine Entries | | | | | |
| (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: 8/21/2006 | SIGNED:  | | INSPECTOR #2 FRG III | | Work Order: 6529 Printed by EBis 3 (datcomedia.com) |
| Frank R Galella Certified Repair Station No. LKPR101K | | | | | |
| ENGINE MODEL: ENGINE S/N: REG. NO. 24RF WORK ORDER: 6808 |  | | Lincoln Park Aviation 425 Beaverbrook Road Lincoln Park, NJ 07035 Phone: 973-633-0450 | | DATE: 12/13/2006 A/C TSN: 254.1 ENG TT: TSMOH: 254.1 HOBBS: 254.1 |
| 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) 70/80 #3) 72/80 #4) 74/80 #5) 70/80 #6) 70/80 Checked fuel system, drained sumps. Checked mag and timing. Checked prop for leaks and greased if required... (9) COMPLIED WITH SB 2X-71-12 R1 BY REMOVING SUPPORT BRACKET... (28) REMOVED AND REPLACED RUBBER BOOT ON STARTER NEG TERMINAL... (30) CLEANED FUEL INJECTORS AND REINSTALLED AND RETORQUED TO SPECS... (33) REPLACED NEG BATTERY TERMINAL PROTECTIVE BOOT... (35) ADJUSTED FUEL FLOW IAW TCM SID 97-3C. | | | | | |
| 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: 12/13/2006 | SIGNED:  | | INSPECTOR #1 | | Work Order: 6808 Printed by EBis 3 (datcomedia.com) |
| Scott Lundkvist | | | | | |
| 6/10/07 | 284 | 294 | Completed OIL - FILTER change inspected FILTER - no contamination NOTED & serviced engine with 4 quarts Shell 15/150 R. Frankel | | |

| 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 F

North East Aero

97 Hangar RD Montgomery NY, 12549 (845) 457-1184

Cirrus Design SR22 N24RF S/N 1168

Hobbs Time: 331.0

S/N: 917329

16, November 2007

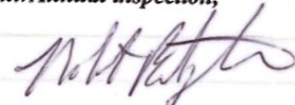
TCM IO-550N

1. Completed Annual Inspection IAW Cirrus Design 100hr/Annual Inspection checklist and Teledyne Continental Motors service manual.
2. Ran engine and recorded cylinder compressions: 1) 73/80 2) 70/80 3) 74/80 4) 71/80 5) 68/80 6) 70/80
3. Drained oil, retained sample for analysis, cut and inspected filter with no contamination noted. Installed new oil filter and added 8qts Aeroshell 15W-50 oil.
4. Cleaned, gapped and rotated all spark plugs as required.
5. Adjusted propeller governor low pitch stop to achieve 2700RPM at full power.
6. Re-routed and clamped alternator #1 field wire as required to prevent chafing.
7. Re-bonded Reif engine heater sump pad as required.
8. Drained and inspected gascolator with no contamination noted.
9. Inspected all oil lines and fittings.
10. Checked magneto to engine timing with proper condition noted.
11. Replaced intake air filter with new.
12. Completed AD list and complied with all outstanding AD's as required. Reference AD list dated 10/07.

I certify this Engine was inspected in accordance with a 100hr/Annual inspection,

And found to in Airworthy condition.

Robert C. Betzler 31668811A



North East Aero

97 Hangar RD Montgomery NY, 12549 (845) 457-1184

Cirrus Design SR22 N24RF S/N 1168

Hobbs Time: 383.6

S/N: 917329

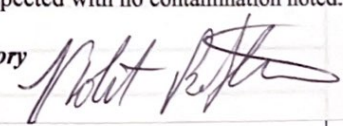
19, April 2008

TCM IO-550N

1. Drained oil and retained sample for analysis. Removed filter, cut and inspected with no contamination noted. Installed new filter, safety wired and added 8qts Aeroshell 15W-50 oil.

Run up and functional check satisfactory

Robert C. Betzler 31668811A



LANMAR OIL CHANGE

Maintenance Record

Repairs, Special Inspections,

84

checklist and Teledyne

70/80 5) 66/80 6) 60/80
oil filter (P/N: CH48108-1)

plugs with new. (P/N:

seals. (P/N: X-1473, 630979-

reference AD list dated 12/09.
inspection,

James T. Markey

2 change

2 oil sent to

new engine

compressed 48108-1

no leaks.

R. Frankel

| Date | Total Time | | Time Since Last Overhaul | | Installation Modifications |
|---|------------|------|--------------------------|------|----------------------------|
| | Hrs. | Min. | Hrs. | Min. | |
| Brought Forward → | | | | | |
| North East Aero | | | | | |
| 97 Hangar RD Montgomery NY, 12549 (845) 457-1184 | | | | | |
| Cirrus Design SR22 N24RF S/N 1168 | | | | | |
| Hobbs Time: 604.0 | | | | | |
| S/N: 917329 | | | | | |
| 01, January 2010 | | | | | |
| TCM IO-550N | | | | | |
| <ol style="list-style-type: none"> Completed Annual Inspection IAW Cirrus Design 100hr/Annual Inspection checklist and Teledyne Continental Motors service manual. Ran engine and recorded cylinder compressions: 1) 74/80 2) 68/80 3) 72/80 4) 72/80 5) 69/80 6) 72/80 Drained oil, cut and inspected filter with no contamination noted. Installed new oil filter (P/N: CH48108-1) and added 8qts Phillips 20W-50 Mineral oil. Cleaned, gapped and rotated all spark plugs as required. Removed cylinder #1 and #6 fuel injectors, cleaned as required and re-installed with new seals. (P/N: X-1473, 630979-9, 640612) Removed cylinder #6 for low compression and sent to Mattituck for repair. Re-installed cylinder with new rings, seals and ground run as required. Details of this repair can be found on Mattituck repair WO# 62958. Drained and inspected gascolator with no contamination noted. Inspected all oil lines and fittings. Checked magneto to engine timing with proper timing noted. Replaced intake air filter with new. (P/N: BA-24) Completed AD list and complied with all outstanding AD's as required. Reference AD list dated 01/11. | | | | | |
| <i>I certify this Engine was inspected in accordance with a 100hr/Annual inspection, And found to in Airworthy condition.</i> James T. Markey 31668721A <i>James T. Markey</i> | | | | | |
| North East Aero | | | | | |
| 97 Hangar RD Montgomery NY, 12549 (845) 457-1184 | | | | | |
| Cirrus Design SR22 N24RF S/N 1168 | | | | | |
| Hobbs Time: 628.5 | | | | | |
| S/N: 917329 | | | | | |
| 22, March 2011 | | | | | |
| TCM IO-550N | | | | | |
| <ol style="list-style-type: none"> Drained oil, cut and inspected filter with no contamination noted. Installed new oil filter (P/N: CH48108-1) and added 8qts Aeroshell 15W-50 oil. Checked compression on cylinder #6 as required. 76/80. | | | | | |
| <i>Run up and functional check of work competed satisfactory.</i> James T. Markey 31668721A <i>James T. Markey</i> | | | | | |
| North East Aero | | | | | |
| 97 Hangar RD Montgomery NY, 12549 (845) 457-1184 | | | | | |
| Cirrus Design SR22 N24RF S/N 1168 | | | | | |
| Hobbs Time: 673.5 | | | | | |
| S/N: 917329 | | | | | |
| 31, August 2011 | | | | | |
| TCM IO-550N | | | | | |
| <ol style="list-style-type: none"> Drained oil, cut and inspected filter with no contamination noted. Installed new oil filter (P/N: CH48108-1) and added 8qts Aeroshell 15W-50 oil. | | | | | |
| <i>Run up and functional check of work competed satisfactory.</i> James T. Markey 31668721A <i>James T. Markey</i> | | | | | |
| North East Aero | | | | | |
| 97 Hangar RD Montgomery NY, 12549 (845) 457-1184 | | | | | |
| Cirrus Design SR22 N24RF S/N 1168 | | | | | |
| Hobbs Time: 681.2 | | | | | |
| 04, November 2011 | | | | | |
| <ol style="list-style-type: none"> Removed and replaced #2 alternator power output wire with new. (P/N: 14606-010) Cleaned and applied stabilant 22 to oil temp probe connections as required. | | | | | |
| <i>Run up and functional check of work competed satisfactory.</i> James T. Markey 31668721A <i>James T. Markey</i> | | | | | |



| 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 →

North East Aero
97 Hangar RD Montgomery NY, 12549 (845) 457-1184
Cirrus Design SR22 N24RF S/N 1168

06, February 2012
TCM IO-550N

Hobbs Time: 705.8
S/N: 917329

1. Completed Annual Inspection IAW Cirrus Design 100hr/Annual Inspection checklist and Teledyne Continental Motors service manual.
2. Ran engine and recorded cylinder compressions: 1) 68/80 2) 68/80 3) 64/80 4) 70/80 5) 66/80 6) 76/80
3. Drained oil, cut and inspected filter with no contamination noted. Installed new oil filter (P/N: CH48108-1) and added 8qts Aeroshell 15W-50 oil.
4. Removed and replaced all spark plugs with new. (P/N: RHB32E)
5. Drained and inspected gascolator with no contamination noted.
6. Inspected all oil lines and fittings.
7. Checked magneto to engine timing with proper timing noted.
8. Replaced intake air filter with new. (P/N: BA-24)
9. Completed AD list and complied with all outstanding AD's as required. Reference AD list dated 02/12.

I certify this Engine was inspected in accordance with a 100hr/Annual inspection, And found to in Airworthy condition.

James T. Markey 31668721A *James T Markey*



N24RF S/N1168 Engine Log
 Date: 5/12/12
 Airframe total time: 735.6
 Changed engine oil and filter I.A.W. Cirrus SR22 and TCM M/M. Filter Part number CH48108-1, engine oil, Shell 15W 50. No leaks noted.

-----END-----

Kevin H Roberts *Kevin H. Roberts* A&P 3136978

| Date | Total Time | |
|------|------------|------|
| | Hrs. | Min. |

Brought Forward →

ENGINE MODEL: IO-550N
 ENGINE S/N: 917329
 REG. NO: N24RF
 WORK ORDER: 3029-08-2013
 Engine Entries
 Drained the engine contamination no alternate air sup
 Maintenance R
 The aircraft ar of Title 14 of 1
 DATE: 8/23

21, Febr
TCM IO

North East Aero
97 Hangar RD Montgomery NY, 12549 (845) 457-1184
Cirrus Design SR22 N24RF S/N 1168

05, February 2013
TCM IO-550N

Hobbs Time: 788.6
S/N: 917329

1. Completed Annual Inspection IAW Cirrus Design 100hr/Annual Inspection checklist and Teledyne Continental Motors service manual.
2. Ran engine and recorded cylinder compressions: 1) 72/80 2) 64/80 3) 66/80 4) 64/80 5) 70/80 6) 74/80
3. Drained oil, cut and inspected filter with no contamination noted. Installed new oil filter (P/N: CH48108-1) and added 8qts Aeroshell 15W-50 oil.
4. Removed, cleaned, gapped and rotated all spark plugs as required.
5. Drained and inspected gascolator with no contamination noted.
6. Inspected all oil lines and fittings.
7. Checked magneto to engine timing adjusted RH magneto to 22 degrees BTDC as required.
8. Replaced intake air filter with new. (P/N: BA-24)
9. Completed AD list and complied with all outstanding AD's as required. Reference AD list dated 02/13.

I certify this Engine was inspected in accordance with a 100hr/Annual inspection,

And found to in Airworthy condition.

James T. Markey 31668721A *James T Markey*

Record
Special Inspections,

and Teledyne

66/80 6) 76/80
P/N: CH48108-1)

D list dated 02/12.
ation,

Log

Part number

3136978

list and Teledyne

7/80 5) 70/80 6) 74/80
oil filter (P/N: CH48108-1)

required.

AD list dated 02/13.
inspection,

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

ENGINE MODEL: IO-550-N
ENGINE S/N: 917329
REG. NO: N24RF
WORK ORDER: 3029-08-2013

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

DATE: 8/23/2013
A/C TSN: 829.5
ENG TT: 829.5
HOBBS: 829.5

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. Removed and replaced the alternate air support bracket. Adjusted the propeller governor for 2700 at max take off RPM.

Maintenance Release

The aircraft and/or component(s) on N24RF 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: 8/23/2013

SIGNED:

Milan Jovanovic, IA: 3164117AP

Work Order: 3029-08-2013

Printed by EBIS 3 (datcomedia.com)

North East Aero
97 Hangar RD Montgomery NY, 12549 (845) 457-1184

21, February 2014
TCM IO-550N

Cirrus Design SR22 N24RF S/N 1168
Hobbs Time: 879.0
S/N: 917329

- Completed Annual Inspection IAW Cirrus Design 100hr/Annual Inspection checklist and Teledyne Continental Motors service manual.
- Ran engine and recorded cylinder compressions: 1) 74/80 2) 60/80 3) 70/80 4) 54/80 5) 68/80 6) 78/80
- Drained oil, cut and inspected filter with no contamination noted. Installed new oil filter (P/N: CH48108-1) and added 8qts Aeroshell 15W-50 oil.
- Removed, cleaned, gapped and rotated all spark plugs as required.
- Drained and inspected gascolator with no contamination noted.
- Inspected all oil lines and fittings.
- Removed and replaced RH and LH magnetos with new. (P/N: 10-500556-1) Removed RH S/N: D04IA167, LF S/N: D04 IA170 and Installed RH S/N: D13KA242, LH S/N: D13KA102. Timed magnetos to 22 degrees BTDC as required.
- Replaced intake air filter with new. (P/N: BA-24)
- Completed AD list and complied with all outstanding AD's as required. Reference AD list dated 02/14.

I certify this Engine was inspected in accordance with a 100hr/Annual inspection,

And found to in Airworthy condition.

James T. Markey A&P3166872IA

ENGINE MODEL:
ENGINE S/N:
REG. NO: N24RF
WORK ORDER:
2775-07-2014



Ventura Aircraft Services
8100 Republic Airport
Farmingdale, NY 11735
Phone: 631-756-5500

DATE: 7/18/2014
A/C TSN: 919.3
ENG TT: 919.3
TSMCH: 919.3
HOBBS: 919.3

Engine Entries

(1) Changed Engine Oil, 7 Quarts of Aeroshell 15W-50 and oil filter PN: CH48108-1. Took oil sample. Run up performed. No leaks noted. Engine returned to service.

DATE: 7/18/2014

SIGNED:

Gregory Tarascio, A&P: 3165028

Work Order: 2775-07-2014

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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 → | | | | | |

Private Flight Northeast
 75 Hangar RD White Lake NY, 12786 (845) 583-5200
Cirrus Design SR22 N24RF S/N 1168
 Hobbs Time: 959.3
 S/N: 917329

01, March 2015
TCM IO-550N

1. Completed Annual Inspection IAW Cirrus Design 100hr/Annual Inspection checklist and Teledyne Continental Motors service manual.
2. Ran engine and recorded cylinder compressions: 1) 65/80 2) 66/80 3) 64/80 4) 66/80 5) 72/80 6) 74/80
3. Drained oil, cut and inspected filter with no contamination noted. Installed new oil filter (P/N: CH48108-1) and added 8qts Aeroshell 15W-50 oil.
4. Removed, cleaned, gapped and rotated all spark plugs as required.
5. Drained and inspected gascolator with no contamination noted.
6. Inspected all oil lines and fittings.
7. Removed and replaced fuel pump drive with new. (P/N: 653359)
8. Checked magneto to engine timing with proper timing noted.
9. Replaced intake air filter with new. (P/N: BA-24)
10. Completed AD list and complied with all outstanding AD's as required. Reference AD list dated 03/15.

*I certify this Engine was inspected in accordance with a 100hr/Annual inspection,
 And found to in Airworthy condition.*

James T. Markey A&P31668721A *James T Markey*

N24RF 5/26/2015 Hobbs: 1020.0
 Engine Log: Changed engine oil and engine oil filter p/n CH48108-1 I.A.W. Continental IO-550 Maintenance Manual. Serviced with 8 qts Aeroshell 15w-50. Ran engine, Ops check good, no leaks noted.
 Ronald Laskey AP3144206 *R Laskey*
 Landmark Aviation Key West, FL

NASSAU FLYERS "A 3-D AVIATION COMPANY"
 1300 NEW HIGHWAY - FARMINGDALE, NEW YORK 11735
 631-454-0626 / 631-454-1606 / WWW.FLYNFI.COM

N24RF (S/N 1168) January 18, 2016 Flight Hobbs: 1,063.7
 Ran engine to normal operating temperature. Drained engine oil and serviced engine with 8 quarts Aeroshell 15w 50 oil. Replaced oil filter (CH48-108-1) with new and safetied. Washed down engine and lubed all controls. Ran engine and performed and operational and leak check, no defects noted. All work was performed in accordance with current applicable manufacturer's recommendations. This **ENGINE** is approved for return to service regarding the work performed, this date and time. ----- end -----

Daniel Purta
 Daniel Purta, A&P 3779662

| 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. | |

ENGINE MODEL
ENGINE S/N
REG NO N24RF
WORK ORDER 5482



Nassau Flyers
1300 New Hwy
Farmingdale, NY 11735
Phone 631-454-0626

DATE 1/2/2017
A/C TSN 1149.3
ENG TT 1149.3
TSMOH
TACH 1149.3

Engine Entries

- *Ran engine to normal operating temperature and checked systems for normal operation, no defects noted
- *Drained engine oil and collected oil sample for AV Lab oil analysis. Serviced engine with 8 quarts Aeroshell 15W50 oil
- *Removed oil filter and inspected for metal contamination, no metal noted *Installed/torqued/saftied new oil filter(CH48-108-1)
- *Washed down engine and lubricated controls
- *Performed post inspection run up and leak check, no defects noted.

Maintenance Release

This aircraft, engine, propeller or component(s) on N24RF were repaired and inspected in accordance with current Federal Aviation Regulations and manufacturers recommendations and was found to be in airworthy condition. This aircraft, engine, propeller or component(s) is approved for return to service regarding the work performed and described above, this date and times

DATE: 1/2/2017

SIGNED

Roberto Ruiz
Roberto Ruiz, A&P 3233677

Work Order: 5482

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ENGINE MODEL
Continental IO-550-N27
ENGINE S/N 917329
REG NO N24RF
WORK ORDER 5542



Nassau Flyers
1300 New Hwy
Farmingdale, NY 11735
Phone 631-454-0626

DATE 3/23/2017
A/C TSN 1174.6
ENG TT 1174.6
TACH 1174.6

Engine Entries

- *Performed a 100 hour inspection of engine per Cirrus AMM and Cirrus inspection checklists. Chaps 05-02 and 05-30
- *Ran engine to normal operating temperature and checked systems for normal operation, no defects noted
- *Performed engine compression leak down check, results were as follow: #1 61 #2 40 #3 56 #4 68 #5 44 #6 60
- *Master Onfice reading was 44
- *Drained engine oil and collected oil sample for AV Lab oil analysis. Serviced engine with 8 quarts Philips 20W-50 mineral oil.
- *Removed oil filter and inspected for metal contamination, no metal noted.
- *Installed/torqued/saftied new oil filter(CH48-108-1)
- *Removed/cleaned/gapped/tested reinstalled all spark plugs with new gaskets, no defects noted
- *C/W ICA Tanis Engine Heater, no defects noted
- *Removed cylinder #5 and replaced with new(P/N 655932, S/N off. AC04GA926; P/N 658595A2, S/N on: AC17AB635)
- *Removed cylinder #2 and replaced with new(P/N 655932, S/N off. AC04GB061; P/N 658595A2, S/N on: AC17AB675)
- *Replaced leaking crankshaft forward seal with new. Performed a leak check of same, no defects noted
- *Removed, cleaned, inspected, tested, reinstalled all 6 fuel injector nozzles, no defects noted
- *Replaced both corroded exhaust collector bolts and replaced with new
- *Removed propeller from engine, desludged crankshaft, then reinstalled same on engine
- *Removed propellor governor then reinstalled same after overhaul and adjusted to 2650 RPM
- *C/W TCM SB M89-7R1 latest revision for cylinder break in procedures, no defects noted
- *Washed down engine and lubricated controls
- *Performed post inspection run up and leak check, no defects noted.

Maintenance Release

This aircraft, engine, propeller or component(s) on N24RF were repaired and inspected in accordance with current Federal Aviation Regulations and manufacturers recommendations and was found to be in airworthy condition. This aircraft, engine, propeller or component(s) is approved for return to service regarding the work performed and described above, this date and times

DATE 3/23/2017

SIGNED

Mike Quagliano
Mike Quagliano, A&P 3108957

Work Order: 5542

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SAMPLE FOR
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[Signature]
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Record
Special Inspections,

| 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

ENGINE MODEL
Continental IO-550-N27
ENGINE S/N 917329
REG NO N24RF
WORK ORDER: 5578

Nassau Flyers
1300 New Hwy
Farmingdale, NY 11735
Phone: 631-454-0626

DATE: 5/3/2017
A/C TSN: 1201
ENG TT: 1201
TACH: 1201

Engine Entries

- *Ran engine to normal operating temperature and checked systems for normal operation, no defects noted.
- *Drained engine oil and serviced engine with 8 quarts Aeroshell 15W50 oil.
- *Removed oil filter and inspected for metal contamination, no metal noted. *Installed/torqued/softened new oil filter(CH48-108-1).
- *Washed down engine and lubricated controls.
- *Performed post inspection run up and leak check, no defects noted.

Maintenance Release

This aircraft, engine, propeller or component(s) on N24RF were repaired and inspected in accordance with current Federal Aviation Regulations and manufacturers recommendations and was found to be in airworthy condition. This aircraft, engine, propeller or component(s) is approved for return to service regarding the work performed and described above, this date and time.

DATE: 5/3/2017 SIGNED: *Roberto Ruiz* Work Order: 5578
Roberto Ruiz, A&P 3233677 Printed by EBIS 3 (datcomedia.com)

ENGINE MODEL
Continental IO-550-N27
ENGINE S/N 917329
REG NO N24RF
WORK ORDER: 5761

Nassau Flyers
1300 New Hwy
Farmingdale, NY 11735
Phone: 631-454-0626

DATE: 10/17/2017
A/C TSN: 1251.4
ENG TT: 1251.4
TACH: 1251.4

Engine Entries

- *Ran engine to normal operating temperature and checked systems for normal operation, no defects noted.
- *Drained engine oil and collected oil sample for AV Lab oil analysis. Serviced engine with 8 quarts Aeroshell 15W50 oil.
- *Removed oil filter and inspected for metal contamination, no metal noted. *Installed/torqued/softened new oil filter(CH48-108).
- *Replaced cracked RH forward engine baffle assembly with new.
- *Installed oil pan quick drain.
- *Washed down engine and lubricated controls.
- *Performed post inspection run up and leak check, no defects noted.

Maintenance Release

This aircraft, engine, propeller or component(s) on N24RF were repaired and inspected in accordance with current Federal Aviation Regulations and manufacturers recommendations and was found to be in airworthy condition. This aircraft, engine, propeller or component(s) is approved for return to service regarding the work performed and described above, this date and time.

DATE: 10/17/2017 SIGNED: *Mike Quagliano* Work Order: 5761
Mike Quagliano, A&P 3108957 Printed by EBIS 3 (datcomedia.com)

NexAir Avionics LLC 246 SOUTH MEADOW ROAD GATE 6, HANGAR SW-1 PLYMOUTH, MA 02360
LOG ID# 1357 29-August-2018 WO# 5298
N24RF S/N 1168 CIRRUS SR22 Pg 1 / 1

DRAINED OIL, REMOVED FILTER, CUT OPEN FILTER, INSPECTED ELEMENT WITH NO NOTED DEFECTS, TOOK OIL SAMPLE FOR ANALYSIS, INSPECTED, REINSTALLED WITH NEW CRUSH GASKET PN:MS35769-11, INSTALLED NEW OIL FILTER PN:CH48109-1 AND ADDED 7 QTS AEROSHELL W15W 50 OIL.

NOTE: WORK ORDER 5298 ON FILE.

THE ABOVE WORK WAS COMPLETED IN ACCORDANCE WITH THE CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION, AND IS APPROVED FOR THE WORK ACCOMPLISHED.

David Mckinnon
N40R087B - DAVID MCKINNON

3/29/18 HOURS 1302.1
ACTT 1302.1

HARTZELL

PROPELLER LOGBOOK

PROPELLER MODEL PHK-J34F-1RF/F7693DFB

PROPELLER S/N FP3245B

LOGBOOK # 1

ENGINE MODEL
Continental IO-550-N27
ENGINE S/N 917329
REG NO N24RF
WORK ORDER 5886

Nassau Flyers
1300 New Hwy
Farmingdale, NY 11735
Phone: 631-454-0626

DATE 3/15/2018
A/C TSN 1258 B
ENG TT 1258 B
TACH 1258 B

Engine Entries

- *Performed a 100 hour inspection of engine per Cirrus AMM and Cirrus inspection checklists, Chaps 05-02 and 05-30.
- *Ran engine to normal operating temperature and checked systems for normal operation, no defects noted.
- *Performed engine compression leak down check, results were as follow: #1:72 #2:71 #3:60 #4:76 #5:66 #6:62.
- *Master Orifice reading was 44.
- *Drained engine oil and collected oil sample for AV Lab oil analysis. Serviced engine with 8 quarts Phillips 20W50 X/C oil.
- *Removed/cleaned/inspected/reinstalled oil suction screen.
- *Removed oil filter and inspected for metal contamination, no metal noted.
- *Installed/torqued/saftied new oil filter(CH48-108).
- *Removed all 12 worn spark plugs and replaced with new (P/N: RHB32E) and torqued.
- *C/W ICA Tanis Engine Heater, no defects noted.
- *Checked magneto to engine timing, adjusted as necessary.
- *Removed, cleaned, inspected, tested, reinstalled all 6 fuel injector nozzles, no defects noted.
- *Removed leaking RH magneto gasket and replaced with new, timed magneto to engine.
- *Removed corroded #1, 3, and 5 cylinder fuel line clamps and replaced with new.
- *C/W Cirrus SB2X-74-01, Fine Wire Spark Plug Replacement, no fine wire plugs installed.
- *Washed down engine and lubricated controls.
- *Performed post inspection run up and leak check, no defects noted.

Maintenance Release

This aircraft, engine, propeller or component(s) on N24RF were repaired and inspected in accordance with current Federal Aviation Regulations and manufacturers recommendations and was found to be in airworthy condition. This aircraft, engine, propeller or component(s) is approved for return to service regarding the work performed and described above, this date and times.

DATE 3/15/2018

SIGNED 

Work Order: 5886

Sean McFadden, A&P 3647763

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ENGINE MODEL Continental IO-550-N27
ENGINE S/N 917329
REG NO N24RF
WORK ORDER 6222

Nassau Flyers

1300 New Hwy
Farmingdale, NY 11735
Phone: 631-454-0626

DATE 3/18/2019
A/C TSN 1337 7
ENG TT 1337 7
TACH 1337 7

Engine Entries

- * Performed a 100 hour inspection of engine per Cirrus AMM and Cirrus inspection checklists, Chaps 05-02 and 05-30.
- *Ran engine to normal operating temperature and checked systems for normal operation, no defects noted.
- *Performed engine compression leak down check, results were as follow: #1:74 #2:70 #3:52 #4:72 #5:68 #6:70.
- *Master Orifice reading was 44.
- *Drained engine oil and collected oil sample for Av Lab oil analysis. Serviced engine with 8 quarts Phillips 20W50 X/C oil.
- *Removed/cleaned/inspected/reinstalled oil suction screen.
- *Removed oil filter and inspected for metal contamination, no metal noted.
- *Installed/torqued/saftied new oil filter(CH48-108).
- *Removed/cleaned/gapped/tested reinstalled all spark plugs with new gaskets, no defects noted.
- *C/W ICA Tanis Engine Heater, no defects noted.
- *Serviced all 6 fuel injector nozzles, no defects noted.
- *Checked magneto to engine timing, adjusted as necessary.
- *Washed down engine and lubricated controls.
- *Performed post inspection run up and leak check, no defects noted.

Maintenance Release

This aircraft, engine, propeller or component(s) on N24RF were repaired and inspected in accordance with current Federal Aviation Regulations and manufacturers recommendations and was found to be in airworthy condition. This aircraft, engine, propeller or component(s) is approved for return to service regarding the work performed and described above, this date and times.

DATE: 3/18/2019

SIGNED 

Work Order: 6222

Darion McFadden, A&P 4138120

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ENGINE MODEL IO550N27
ENGINE S/N 917329
REG NO N24RF
WORK ORDER 6444



Nassau Flyers

1300 New Hwy
Farmingdale, NY 11735
Phone: 631-454-0626

DATE 11/14/2019
A/C TSN 1378 7
ENG TT 1378 7
TACH 1378 7

Engine Entries

- * Ran engine to normal operating temperature and checked systems for normal operation, no defects noted.
- *Drained engine oil and serviced engine with 8 quarts Phillips 20W50 X/C oil.
- *Removed oil filter and inspected for metal contamination, no metal noted.
- *Installed/torqued/saftied new oil filter(CH48-108).
- *Washed down engine and lubricated controls.
- *Performed post inspection run up and leak check, no defects noted.

Maintenance Release

This aircraft, engine, propeller or component(s) on N24RF were repaired and inspected in accordance with current Federal Aviation Regulations and manufacturers recommendations and was found to be in airworthy condition. This aircraft, engine, propeller or component(s) is approved for return to service regarding the work performed and described above, this date and times.

DATE 11/14/2019

SIGNED 

Work Order 6444

Sean McFadden, A&P 3647763

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL IO550N27
ENGINE S/N: 917329
REG NO N24RF
WORK ORDER: 6501



Nassau Flyers
1300 New Hwy
Farmingdale, NY 11735
Phone 631-454-0626

DATE 1/15/2020
A/C TSN 1384.2
ENG TT 1384.2
TACH: 1384.2

Engine Entries

Troubleshoot EGT #6 indicator low, found #6 cylinder EGT probe defective. Replaced #6 cylinder EGT probe with new. Performed an operational check of the same. no defects noted

Maintenance Release

This aircraft, engine, propeller or component(s) on N24RF were repaired and inspected in accordance with current Federal Aviation Regulations and manufacturers recommendations and was found to be in airworthy condition. This aircraft, engine, propeller or component(s) is approved for return to service regarding the work performed and described above, this date and times

DATE 1/15/2020

SIGNED: *Roberto Ruiz*
Roberto Ruiz, A&P 3233677

Work Order: 6501

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ENGINE MODEL IO550N27
ENGINE S/N: 917329
REG NO N24RF
WORK ORDER: 6540



Nassau Flyers
1300 New Hwy
Farmingdale, NY 11735
Phone 631-454-0626

DATE 3/4/2020
A/C TSN: 1391.2
ENG TT 1391.2
TACH: 1391.2

Engine Entries

- * Performed a 100 hour inspection of engine per Cirrus AMM and Cirrus inspection checklists, Chaps 05-02 and 05-30.
- * Ran engine to normal operating temperature and checked systems for normal operation, no defects noted.
- * Performed engine compression leak down check, results were as follows: 1:70 2:67 3:42 4:72 5:70 6:62.
- * Master Orifice reading was 44.
- * Drained engine oil and collected oil sample for AvLab oil analysis. Serviced engine with 8 quarts Phillips 20W50 Mineral oil.
- * Removed/cleaned/inspected/reinstalled oil suction screen.
- * Removed oil filter and inspected for metal contamination, no metal noted.
- * Installed/torqued/saftied new oil filter(CH48-108).
- * Removed/cleaned/gapped/tested/reinstalled all spark plugs with new gaskets, no defects noted.
- * C/WICA Tanis Engine Heater, no defects noted.
- * Removed, cleaned, inspected, tested, reinstalled all 6 fuel injector nozzles, no defects noted.
- * C/W Cirrus SB2X-71-33, Release of Continental Motors Service Document SB18-08B - Cylinder Inspection, by inspection, no affected cylinders installed.
- * Removed LH magneto and replaced with overhauled assembly for 500 hour inspection (P/N: 10-500556-1; S/N off: D13KA102, S/N on: D16IA006).
- * Removed RH magneto and replaced with overhauled assembly for 500 hour inspection (P/N: 10-500556-1; S/N off: D13KA242, S/N on: D17BA144).
- * Checked magneto to engine timing, adjusted as necessary.
- * Removed 3 cracked upper cylinder baffles and replaced with new.
- * Removed cracked oil dipslick gasket and replaced with new.
- * Removed stripped air filter attach pin and replaced with new.
- * Removed cylinder #3 due to low compression and replaced with new (P/N: 658595A2, S/N off: AC04GA952, S/N on: AC19KA099).
- Performed ground break in procedures per CMI M-O, current revision.
- * Washed down engine and lubricated controls.
- * Performed post inspection run up and leak check, no defects noted.

Maintenance Release

This aircraft, engine, propeller or component(s) on N24RF were repaired and inspected in accordance with current Federal Aviation Regulations and manufacturers recommendations and was found to be in airworthy condition. This aircraft, engine, propeller or component(s) is approved for return to service regarding the work performed and described above, this date and times

DATE: 3/4/2020

SIGNED: *Danon McFadden*
Danon McFadden, A&P 4138120

Work Order: 6540

Printed by EBis 3 (datcomedia.com)

Twin City Airmotive Inc (KFIT) Fitchburg, MA 01420 tel: 978-342-8700 Twincity98@verizon.net

Date: 7/10/20 Hobbs: Tach: 1417.8 N 24RF Engine Repairs

Compression Test X/80 #1: 75 #2: 64 #3: 74 #4: 72 #5: 76 #6: 66
Engine Serial: 1417.8 Airframe Serial #: 1168

S New
Performed the following repairs utilizing the manufacturer's maintenance manuals:

1. Performed compression check of engine with the following results: #1- 75/80, #2- 64/80, #3- 74/80, #4- 72/80, #5- 76/80, #6- 66/80.
2. Drained oil and removed filter to cut open and inspect for contaminants - none found. Oil sample was taken for analysis. Installed new filter P/N CH48108-1. Serviced engine with 8Qts of 20W50 Phillips XC oil. Ran up engine and leak checked - none found at this time.
3. Removed spark plugs. Inspected, tested, set gaps, and reinstalled with new gaskets P/N M674.

End
This aircraft was inspected and/or repaired in accordance with the manufacturer's maintenance manuals. All systems interrupted have been tested and/or leak checked. This aircraft is approved for return to service with respect to the work performed. Pertinent details are on file at this agency under work order no. 9050 and a copy has been provided to the owner/operator.

Mark Maljanian A&P 33545223

Mark Maljanian

Date

N24RF

SANTA FE

AERO SERVICES

AVIONICS • MAINTENANCE • SALES
FAA Approved Repair Station PLVRS337X

Engine Log

Ice Record
Special Inspections,

121 Aviation Dr. • Bldg 4002 • Santa Fe NM 87507

Date: 07/27/20 Make: Continental Model: IO-550-N (27) S/N: 917329

Tach: 1448.4

- PERFORMED OIL CHANGE, DRAINED OIL AND REMOVED FILTER. CUT FILTER TO INSPECT FOR CONTAMINANTS, NONE NOTED. INSTALLED NEW CH48108-1, TORQUED AND SAFTED AS REQUIRED. CLOSED DRAINED VALVE AND SERVICED ENGINE WITH 8 QTS OF X/C 20W-50. GROUND RAN A/C, LEAK CHECKS GOOD.
- SERVICED TIRES AS PER CIRRUS AMM
Carlos A. Garzon M. *[Signature]* A&P-3672156

Work accomplished at Santa Fe Aero Services, LLC. Reference work order # 20-0237



LOGBOOK ENTRY ENGINE

Name: Eric Durell A/C: N24RF
 W.O.: 11111 Tach: 1486.8
 Date: 11/9/2020 AC S/N: 1168

Drained oil and removed oil filter. Serviced engine with 7 quarts of Phillips 20W-50 X/C. Cut and inspected oil filter, no contaminants found at this time. Installed new oil filter P/N CH48108-1. Ran up engine and no leaks noted.

With respect to the work performed and described above, this engine is approved for return to service.

Signature: *[Signature]* A&P 2718796
 Leasa Aronson

FlightLevel Norwood LLC - Maintenance
209 Access Rd., Norwood, MA 02062

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Record
Inspections,

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Inspections,

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Brought



Engine Logbook Entry

| | | |
|-------------------|-------------------|-------------------|
| Name: Eric Durell | Tail #: N24RF | Hobbs Time: 1501 |
| W.O.: 11265 | Model #: IO550N27 | Flight Time: 1501 |
| Date: 4/1/2021 | Serial #: 917329 | |

Changed oil and oil filter. Refilled with 7 qts. Phillips 20W-50 X/C oil. Installed AA48108-2 oil filter. Took oil sample. Cut and inspected oil filter. Checked and adjusted mag timing. Cleaned, gapped, and tested all spark plugs. Replaced engine air filter element, P/N BA24. Repaired FWD spinner baffle and RH side baffle. Cleaned all fuel nozzles and installed new O-rings and seals. C/W AD 2020-16-11 TCM Cross Flow Cylinders on #2, P/N 65895A2, S/N AC17AB635 and #5 cylinders P/N 65895A2, S/N AC17AB675 per SB18-08C, stamped letter S on both cylinders. Replaced baffle spring, P/N 51021-001. Compression check: #1 78/80, #2 60/80, #3 74/80, #4 70/80, #5 74/80, #6 64/80. Checked bi-weekly AD's through 2020-07.

I certify that this engine has been inspected IAW FAR Part 43 Appendix D and Cirrus SR22 checklist for a 100 Hour Inspection for reference and has been determined to be in airworthy condition.

Signature: [Signature] Lance Drew A&P 38401436

I certify that this engine has been inspected IAW FAR Part 43 Appendix D an Annual Inspection and is airworthy at this time and is approved for return to service.

Signature: [Signature] Steve Wolff A&P IA 16629146

FlightLevel Norwood LLC - Maintenance
209 Access Rd., Norwood, MA 02062



Engine Logbook Entry

| | | |
|-------------------|-------------------|---------------------|
| Name: Eric Durell | Tail #: N24RF | Hobbs Time: 1532.3 |
| W.O.: 11451 | Model #: IO550N27 | Flight Time: 1532.3 |
| Date: 8/6/2021 | Serial #: 917329 | |

Ran up engine. Changed oil and oil filter. Refilled engine with 7 quarts Phillips 20W-50 X/C oil. Installed new oil filter AA48108-2. Cut and inspected oil filter. Ran up engine and leak checked. No leaks noted.

With respect to the work performed and described above, this engine is approved for return to service.

Signature: [Signature] Lance Drew A&P 38401436



Engine Logbook Entry

| | | |
|-------------------|-------------------|---------------------|
| Name: Eric Durell | Tail #: N24RF | Hobbs Time: 1566.5 |
| W.O.: 11652 | Model #: IO550N27 | Flight Time: 1566.5 |
| Date: 12/8/2021 | Serial #: 917329 | |

Ran up engine. Changed oil and oil filter. Refilled engine with 7 quarts Phillips 20W-50 X/C oil. Installed new oil filter, P/N AA48108-2. Ran up engine and leak checked. No leaks noted.

With respect to the work performed and described above, this engine is approved for return to service.

Signature: [Signature] A&P 4222858

Alexander Pruitt
FlightLevel Norwood LLC - Maintenance
209 Access Rd., Norwood, MA 02062

and Maintenance Record

Airworthiness Directives, Special Inspections,
and Bulletins

LEVEL
ATION

ENTRY

ENGINE

N2492 Hubbs: 16714
917329
10-51-927

oil filter. Cut and inspected oil filter, no
with 7 qts. Phillips 20W50 X/C engine oil.
oil filter. Engine run and leak checked good.

work performed and described above, this
work is approved for return to service.

Alexander Pruitt
A&P 472258
Alexander Pruitt
Flight Level Norwood
Access Road, Norwood MA 01962 781-765-8686



N2492 A&P: 16915
Cessna SR22 SN 1168 Hubbs: 16915
10-581-N (27) SN 917329 TSN: 16915

results #1 72.80 #2 65.80 #3 78.80 #4 74.80 #5 70.80 #6 62.80 PSI.
oil filter for contamination, none found, installed a new CB48118-1 filter and serviced with 7
Phillips XC oil, C/W oil sample.
Crankshaft counter weight retaining rings N/A.
2 intake valves N/A
Leak and operational check good.

has been inspected in accordance with an Annual Inspection. The work / inspections listed above were
in accordance with the current manufacturer's maintenance manuals and current FAA regulations. With respect
to the actions performed, the aircraft identified above was found to be in an airworthy condition and is
approved to return to service.

SIGNATURE: RICHARD P DOLE A&P 1671178 (A) *Richard Dole*
R, INC. / NEW HAMPSHIRE HELICOPTERS, 104 GRAPTON DRIVE, PORTSMOUTH, NH 03801

Date: 9-15-23 Reg: N2492
Time: 1725.5 Hubbs
WFO: 3145 Engine Entry

GRANITE AIR CENTER
(603) 296-4555

Roll engine. Drained hot oil. Removed filter and cut open for inspection. No contaminants
noted. Installed new filter P/N AA42128-2 and serviced with 7 quarts of Phillips 20W50 X/C.
All operational and leak checks satisfactory. All work performed in accordance with applicable
sections of manufacturer's maintenance manual. This aircraft is airworthy in reference to work
performed and is approved for return to service.

R. Dole
New Hampshire
Granite Air Center, LLC CRG # 5NAR711K

FLIGHTLEVEL AVIATION

Brou

Engine Logbook Entry

| | | |
|-------------------|-------------------|------------------|
| Name: Eric Durell | Tail #: N24RF | Hobbs Time: 1614 |
| W.O.: 11829 | Model #: IO550N27 | |
| Date: 5/12/2022 | Serial #: 917329 | |

Complied With oil and filter change, Refilled with 7 qts of Phillips 20w-50 X/C engine oil. Installed AA48108 oil filter, cut and inspected oil filter. Complied with oil sample. Retimed LH and RH magnetos. Cleaned, gapped and tested all spark plugs. Complied with cleaning of all fuel nozzles. Installed new O-ring and gaskets. Removed starter adapter and sent out for overhaul to Niagara Air Parts installed P/N 646275-1 S/N CAM22-105. Installed new starter motor P/N 646275-1 S/N H-P-241740. Replaced engine air filter element P/N BA24. Replaced induction drain on cylinders 2 through 6 P/N 658752. Compression test: Cyl.#1 62/80, Cyl.#2 62/80, Cyl.#3 77/80, Cyl.#4 72/80, Cyl.#5 70/80, Cyl.#6 60/80. Checked biweekly AD's thru 2022-10

I certify that this engine has been inspected IAW FAR Part 43 Appendix D and Cirrus SR22 checklist for a 100 Hour Inspection for reference and has been determined to be in airworthy condition.

Signature: [Signature] Lance Drew A&P 38401436

I certify that this engine has been inspected IAW FAR Part 43 Appendix D and Cirrus SR22 checklist for reference for an Annual Inspection and is airworthy at this time and is approved for return to service.

Signature: [Signature] Steve Wolff A&P IA 16629146

FlightLevel Norwood LLC – Maintenance
209 Access Rd., Norwood, MA 02062



FLIGHTLEVEL AVIATION

LOGBOOK ENTRY

ENGINE

| | | |
|-------------------|-------------------|---------------|
| Name: Eric Durell | Tail #: N24RF | Hobbs: 1650.1 |
| W.O.: 12004 | Serial #: 917329 | |
| Date: 9/15/2022 | Model #: IO-550-N | |

Drained oil and removed oil filter, cut and inspected no defects noted. Serviced with 7 qts. Phillips 20W50 X/C engine oil. Installed AA48109 oil filter. Engine run and leak checked good.

With respect to the work performed and described above, this engine is approved for return to service.

Signature: [Signature] A&P 4222858

Alexander Pruitt
FlightLevel Norwood
125 Access Road, Norwood MA 02062 781-769-8686

| 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 →



LOGBOOK ENTRY

ENGINE

| | | |
|-------------------|---------------------|---------------|
| Name: Eric Durell | Tail #: N24RF | Hobbs: 1670.4 |
| W.O.: 12204 | Serial #: 917329 | |
| Date: 03/01/2023 | Model #: IO-550-N27 | |

Drained oil and removed oil filter. Cut and inspected oil filter, no defects noted. Serviced with 7 qts. Phillips 20W50 X/C engine oil. Installed AA48108-2 oil filter. Engine run and leak checked good.

With respect to the work performed and described above, this engine is approved for return to service.

Signature: A&P 4222858

Alexander Pruitt
FlightLevel Norwood
125 Access Road, Norwood MA 02062 781-769-8686



| | | |
|---------------|--------------------------|---------------|
| 6.21.2023 | N24RF | AFTT: 1699.5 |
| W/O PCA-P2435 | Cirrus SR22 S/N 1168 | Hobbs: 1699.5 |
| | IO-550-N (27) S/N 917329 | TSN: 1699.5 |

- Compression test results #1 72/80 #2 65/80 #3 78/80 #4 74/80 #5 70/80 #6 62/80 PSI.
- Drain oil, inspected filter for contamination, none found, installed a new CH48108-1 filter and serviced with 7 quarts of 20W50 Phillips XC oil. C/W oil sample.
- AD 2023-05-16 Crankshaft counter weight retaining rings N/A.
- AD 2023-02-12 Intake valves N/A
- Ground run, Leak and operational check good.

I certify this Engine has been inspected in accordance with an Annual inspection. The work / inspections listed above were performed in accordance with the current manufacturer's maintenance manuals and current FAA regulations. With respect to the work / Inspections performed, the aircraft identified above was found to be in an airworthy condition and is approved for return to service.

AUTHORIZED SIGNATURE: RICHARD P DOLE A&P 3971178 IA PORT CITY AIR, INC. / NEW HAMPSHIRE HELICOPTERS, 104 GRAFTON DRIVE, PORTSMOUTH, NH 03801



(603) 298-6555

Ran engine. Drained hot oil. Removed filter and cut open for inspection. No contaminants noted. Installed new filter P/N AA48108-2 and serviced with 7 quarts of Phillips 20W50 X/C. All operational and leak checks satisfactory. All work performed in accordance with applicable sections of manufacturer's maintenance manual. This aircraft is airworthy in reference to work performed and is approved for return to service.

Kevin D. Perry, for Granite Air Center, LLC, CRS # SNAR711K

Date: 9-15-23 Reg: N24RF
Time: 1739.6 Hobbs
W/O: 3149 Engine Entry