



CONTINENTAL

A E R O S P A C E T E C H N O L O G I E S

ENGINE LOG BOOK

Service Information

Consult the Continental web site at <http://www.continental.aero> for engine related news or announcements. The web site contains useful information for Continental engine owners, including service information and illustrated parts catalogs.

If Internet access is not available, contact our Customer Service Department at:
1-888-826-5465 Toll free in the United States or 1-251-436-8299 for International customers

Warranty Information

This product is covered by Continental Aerospace Technologies™ product warranty. To read or download a copy for your records, please visit the Product Warranty page on our web site at: <http://www.continental.aero/services/warranty.aspx> or scan the QR Code to the right to navigate to the page:



Instructions for Continued Airworthiness

For complete access to the engine Instructions for Continued Airworthiness, Illustrated Parts Catalogs, Service Documents, Technical Briefs, company news, and upcoming events, please take a few moments to register the serial number of your engine on our web site: <http://www.continental.aero/services/owner-registration.aspx> or scan the QR Code to the right to navigate to the page:



Engine Returns

Return engines for core credit with this log book to:

Continental Aerospace Technologies
2039 Broad Street
Mobile, AL 36615 USA

Return engines for overhaul with this log book to:

Continental Services
Factory Service Center
8600 County Road 32
Fairhope, Alabama 36532 USA

**USE ONLY FUEL SPECIFIED IN OPERATOR'S
MANUAL OR TYPE CERTIFICATE DATA SHEET
USE OF AUTOMOTIVE FUEL IS PROHIBITED**



Continental Motors

FAA PRODUCTION CERTIFICATE NO. 508

Printed: 05/26/2022

Test Date: 05/26/2022

This engine model I0550N70B, serial number 1043642 was manufactured by Continental Motors, Inc. in accordance with approved design data and the applicable requirements of 14 CFR, Part 21. The approved design data for this engine incorporates all changes required by applicable FAA Airworthiness Directives and Continental Motors Service Bulletins.



CONTINENTAL MOTORS, INC.

Date

ENGINE MODEL IO-550-N
ENGINE S/N 1043642
REG NO N46JG
WORK ORDER KTY528145-10-2022

CIRRUS Cirrus Factory Service Center

Repair Station No 9B0R988C
114 Cirrus Landing
Alcoa, TN 37701
Phone 865-980-8702

DATE 10/8/2022
A/C TSN 26 3
ENG TT 26 3
TSMOH
FLIGHTTIME 26 3

Engine Entries

- (5) Drained engine oil. Serviced engine with 8 quarts of Philips X/C 20W-50 engine oil. Replaced oil filter with new Tempest AA48108-2. Performed particulate inspection on old filter and found no unusual contamination. Leak check performed with no discrepancies noted. Work accomplished in accordance with Cirrus Aircraft SR-22 AMM 12-10.
- (6) Performed a 25 HR inspection of this engine in accordance with Cirrus Aircraft SR-22 AMM 05-20 inspection checklist.

The aircraft, airframe, aircraft engine, propeller or appliance identified was repaired/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of this work order are on file at this Certified Repair Station CRS 9B0R988C

DATE 10/8/2022

SIGNED

Steven Hall
Certified Repair Station No 9B0R988C

Work Order: KTY528145-10-2022

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL IO-550N-70B
ENGINE S/N 1043642
REG NO N46JG
WORK ORDER: 7264



Nassau Flyers

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

DATE 11/7/2022
A/C TSN 56 1
ENG TT 56 1
TACH: 56 1

Engine Entries

- * Performed engine operational and function check IAW Cirrus AMM 5-30.
- * Performed engine 50 hr inspection IAW Cirrus AMM 5-20 and Continental AMM.
- * Drained engine oil and serviced with 8 quarts of Phillips 20W50 X/C. Replaced oil filter with new (CH48-108). Performed particulate inspection on filter, no discrepancies noted.
- * Washed down engine and lubricated controls.
- * Performed post inspection run up and leak check with no discrepancies noted.
- * All work accomplished IAW Cirrus AMM 12-10 and Continental AMM.

Maintenance Release

This aircraft, engine, propeller or component(s) on N46JG 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 11/7/2022

SIGNED

Syed Rafay Hossain, A&P 4521779

Work Order: 7264

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL IO-550N-70B
ENGINE S/N 1043642
REG NO: N46JG
WORK ORDER: 7324



Nassau Flyers

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

DATE 2/8/2023
A/C TSN 101 2
ENG TT: 101 2
TACH 101 2

Engine Entries

- * Cirrus Maintenance Program CMX In-Service Inspection II (100 Hr. Inspection).
- * Performed a 100 hour inspection of engine per Cirrus AMM and Cirrus inspection checklists, Chaps 05-20 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) 70/80, 2) 72/80, 3) 68/80, 4) 72/80, 5) 68/80, 6) 70/80.
- * Master Orifice reading was 44/80.
- * Drained engine oil and collected oil sample for AvLab oil analysis. Serviced engine with 8 quarts Phillips 20W50 X/C oil.
- * Removed/cleaned/inspected/reinstalled magnetic drain plug.
- * Removed oil filter and inspected for metal contamination, no metal noted.
- * Installed/torqued/saftied new oil filter(AA48108-02).
- * Removed/cleaned/gapped/tested reinstalled all spark plugs with new gaskets, no defects noted.
- * C/W ICA Tanis Engine Heater, 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 N46JG 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 2/8/2023

SIGNED

Syed Rafay Hossain, A&P 4521779

Work Order: 7324

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Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record
	Hours	Min	Hours	Min	
					Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

ENGINE MODEL IO-550N-70B
ENGINE S/N 1043642
REG NO N46JG
WORK ORDER 7370



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

DATE: 3/28/2023
A/C TSN: 109 4
ENG TT: 109 4
TACH: 109 4

Engine Entries

- Performed 25 hour inspection of engine IAW Cirrus AMM 5-20 and Continental AMM.
- Drained engine oil and serviced with (8) quarts of (Phillips 20W50 X/C) Replaced oil filter with new (AA48108-2).
- Removed/cleaned/inspected/reinstalled magnetic drain plug.
- Performed particulate inspection on filter, no discrepancies noted.
- Washed down engine and lubricated controls.
- Performed post inspection run up and leak check, no defects noted. All work accomplished IAW Cirrus AMM 12-10 and Continental AMM.

Maintenance Release

This aircraft, engine, propeller or component(s) on N46JG 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: 3/28/2023

SIGNED:

Syed Rafay Hossain, A&P 4521779

Work Order: 7370

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL IO-550N-70B
ENGINE S/N 1043642
REG NO N46JG
WORK ORDER: 7392



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

DATE: 5/8/2023
A/C TSN: 151 8
ENG TT: 151 8
TACH: 151 8

Engine Entries

- Performed engine operational and function check IAW Cirrus AMM 5-30.
- Performed engine 50 hr inspection IAW Cirrus AMM 5-20 and Continental AMM.
- Drained engine oil and collected oil sample for AvLab oil analysis. Serviced with 8 quarts of Phillips 20W50 X/C. Replaced oil filter with new (AA48108-2). Performed particulate inspection on filter, no discrepancies noted.
- Washed down engine and lubricated controls.
- Performed post inspection run up and leak check with no discrepancies noted.
- All work accomplished IAW Cirrus AMM 12-10 and Continental AMM.

Maintenance Release

This aircraft, engine, propeller or component(s) on N46JG 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: 5/8/2023

SIGNED:

Jesse Cardinale A&P 4534204

Work Order: 7392

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MAKE: Cirrus Design Corp
MODEL: Sr22
S/N: 8814
REG. NO.: N46JG
ENGINE MODEL: IO-550N-70B
ENGINE SN: 1043642



Nassau Flyers
1300 New Hwy
Farmingdale, NY 11735

W/O #: 7451
DATE: 08-08-2023
A/C TT: 201.8
A/C Tach: 201.8
ENG TT: 201.8

Engine Entries

Performed a 100 hour inspection of engine per Cirrus AMM and Continental Maintenance Manual, Chaps 05-20 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: 76/80, 2: 78/80, 3: 76/80, 4: 75/80, 5: 74/80, 6: 72/80)
*Master Orifice reading was 45.
*Drained engine oil and collected oil sample for AvLab oil analysis. Serviced engine with 8 quarts Phillips 20W50 X/C oil.
*Removed/cleaned/inspected/reinstalled magnetic drain plug.
*Removed oil filter and inspected for metal contamination, no metal noted.
*Installed/torqued/saftied new oil filter(AA48-108-2).
*Removed/cleaned/gapped/tested reinstalled all spark plugs with new gaskets, no defects noted.
*C/W ICA Tanis Engine Heater, 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 N46JG 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: 08-08-2023

SIGNED:

Darion McFadden

A&P or IA Number: 4138120

WORK ORDER: 7451

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7509 (10-09-2023)

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MAKE: Cirrus Design Corp
MODEL: Sr22
S/N: 8814
REG. NO.: N46JG
ENGINE MODEL: IO-550N-70B
ENGINE SN: 1043642



Nassau Flyers
1300 New Hwy
Farmingdale, NY 11735

W/O #: 7509
DATE: 10-09-2023
A/C TT: 249.1
A/C Tach: 249.1
ENG TT: 249.1

Engine Entries

Cirrus Maintenance Program CMX In-Service Inspection I (50 hour inspection).
*Performed engine operational and function check IAW Cirrus AMM 5-30.
*Performed engine 50 hr inspection IAW Cirrus AMM 5-20 and Continental AMM.
*Drained engine oil and collected oil sample for AvLab oil analysis. Serviced with 8 quarts of Phillips 20W50 X/C. Replaced oil filter with new (AA48108-2).
Performed particulate inspection on filter, no discrepancies noted.... Removed leaking oil temperature sensor gasket and replaced with new, ... Washed down engine and lubricated controls.
*Performed post inspection run up and leak check with no discrepancies noted.
*All work accomplished IAW Cirrus AMM 12-10 and Continental AMM.

Maintenance Release

This aircraft, engine, propeller or component(s) on N46JG 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: 10-09-2023

SIGNED:

Syed Rafay Hossain

A&P or IA Number: 4521779

WORK ORDER: 7509

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7551 (01-02-2024)

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MAKE: Cirrus Design Corp
MODEL: Sr22
S/N: 8814
REG. NO.: N46JG
ENGINE MODEL: IO-550N-70B
ENGINE SN: 1043642



Nassau Flyers
1300 New Hwy
Farmingdale, NY 11735

W/O #: 7551
DATE: 01-02-2024
A/C TT: 299.4
A/C Tach: 299.4
ENG TT: 299.4

Engine Entries

Performed a 100 hour inspection of engine per Cirrus AMM and Continental Maintenance Manual, Chaps 05-20 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: 72/80, 2: 68/80, 3: 76/80, 4: 70/80, 5: 70/80, 6: 74/80.
*Master Orifice reading was 43.
*Drained engine oil and collected oil sample for AvLab oil analysis. Serviced engine with 8 quarts Phillips 20W50 X/C oil.
*Removed/cleaned/inspected/reinstalled magnetic drain plug.
*Removed oil filter and inspected for metal contamination, no metal noted.
*Installed/torqued/saftied new oil filter(AA48108-2).
*Removed/cleaned/gapped/tested reinstalled all spark plugs with new gaskets, no defects noted.
*C/W ICA Tanis Engine Heater, no defects noted.
*Checked magneto to engine timing, adjusted as necessary.... Replaced leaking #2, 4, 5 and 6 cylinder push rod tube seals with new.... Removed, cleaned, inspected and reinstalled fuel injectors. 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 N46JG 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: 01-02-2024

SIGNED:

Jesse Cardinale

A&P or IA Number: 4534204

WORK ORDER: 7551

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MAKE: Cirrus Design Corp
MODEL: Sr22
S/N: 8814
REG. NO.: N46JG
ENGINE MODEL: IO-550N-70B
ENGINE SN: 1043642



Nassau Flyers
1300 New Hwy
Farmingdale, NY 11735

W/O #: 7583
DATE: 03-14-2024
A/C TT: 348.6
A/C Tach: 348.6
ENG TT: 348.6

Engine Entries

Cirrus Maintenance Program CMX In-Service Inspection I (50 hour inspection).

*Performed engine operational and function check IAW Cirrus AMM 5-30.

*Performed engine 50 hr inspection IAW Cirrus AMM 5-20 and Continental AMM.

*Drained engine oil and collected oil sample for AvLab oil analysis. Serviced with 8 quarts of Phillips 20W50 X/C. Replaced oil filter with new (AA48108-2).

Performed particulate inspection on filter, no discrepancies noted.... Removed leaking intake and exhaust valve cover gasket and replaced with new....

Washed down engine and lubricated controls.

*Performed post inspection run up and leak check with no discrepancies noted.

*All work accomplished IAW Cirrus AMM 12-10 and Continental AMM.

Maintenance Release

This aircraft, engine, propeller or component(s) on N46JG 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: 03-14-2024

SIGNED:

Syed Rafay Hossain
A&P or IA Number: 4521779

WORK ORDER: 7583

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10031 (06-13-2024)

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MAKE: Cirrus Design Corp
MODEL: Sr22
S/N: 8814
REG. NO: N46JG
ENGINE MODEL: IO-550N-70B
ENGINE SN: 1043642



Nassau Flyers
1300 New Hwy
Farmingdale, NY 11735

W/O #: 10031
DATE: 06-13-2024
A/C TT: 401.1
A/C Tach: 401.1
ENG TT: 401.1

Engine Entries

Cirrus Maintenance Program CMX In-Service Inspection II (100 Hr. Inspection).

*Performed a 100 hour inspection of engine per Cirrus AMM and Cirrus inspection checklists, Chaps 05-20 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)69/80. 2)66/80. 3)66/80. 4)64/80. 5)68/80. 6)63/80.

*Master Orifice reading was 41.

*Drained engine oil and collected oil sample for AvLab oil analysis. Serviced engine with 8 quarts Phillips 20W50 X/C oil.

*Removed/cleaned/inspected/reinstalled magnetic drain plug.

*Removed oil filter and inspected for metal contamination, no metal noted.

*Installed/torqued/saftied new oil filter(AA48108-2).

*Removed/cleaned/gapped/tested all spark plugs, all spark plugs failed. Replaced all spark plugs with new.

*C/W ICA Tanis Engine Heater, 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 N46JG 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: 06-13-2024

SIGNED:

Syed Rafay Hossain
A&P or IA Number: 4521779

WORK ORDER: 10031

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10085 (08-14-2024)

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MAKE: Cirrus Design Corp
MODEL: Sr22
S/N: 8814
REG. NO: N46JG
ENGINE MODEL: IO-550N-70B
ENGINE SN: 1043642



Nassau Flyers
1300 New Hwy
Farmingdale, NY 11735

W/O #: 10085
DATE: 08-14-2024
A/C TT: 447.3
A/C Tach: 447.3
ENG TT: 447.3

Engine Entries

Performed engine operational and function check IAW Cirrus AMM 5-30.

*Performed engine 50 hr inspection IAW Cirrus AMM 5-20 and Continental AMM.

*Drained engine oil and collected oil sample for AvLab oil analysis. Serviced with 8 quarts of Phillips 20W50 X/C. Replaced oil filter with new (AA48108-2).

Performed particulate inspection on filter, no discrepancies noted.... Washed down engine and lubricated controls.

*Performed post inspection run up and leak check with no discrepancies noted.

*All work accomplished IAW Cirrus AMM 12-10 and Continental AMM.

Maintenance Release

This aircraft, engine, propeller or component(s) on N46JG 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: 08-14-2024

SIGNED:

Jesse Cardinale
A&P or IA Number: 4534204

WORK ORDER: 10085

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MAKE: Cirrus Design Corp
MODEL: Sr22
S/N: 8814
REG. NO: N46JG
ENGINE MODEL: IO-550N-70B
ENGINE SN: 1043642



Nassau Flyers
1300 New Hwy
Farmingdale, NY 11735

W/O #: 10142
DATE: 11-01-2024
A/C TT: 502.1
A/C Tach: 502.1
ENG TT: 502.1

Engine Entries

Performed a 100 hour inspection of engine per Cirrus AMM and Continental Maintenance Manual, Chaps 05-20 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)69/80. 2)67/80. 3)72/80. 4)72/80. 5)68/80. 6)68/80.

*Master Orifice reading was 43.

*Drained engine oil and collected oil sample for AvLab oil analysis. Serviced engine with 8 quarts Phillips 20W50 X/C oil.

*Removed/cleaned/inspected/reinstalled magnetic drain plug.

*Removed oil filter and inspected for metal contamination, no metal noted.

*Installed/torqued/saftied new oil filter (CH48108-1).

*Removed/cleaned/gapped/tested reinstalled all spark plugs with new gaskets, no defects noted.

*C/W ICA Tanis Engine Heater, no defects noted.... Performed 500 hour inspection on alternator #1, removed brush blocks and replaced with new. No further defects noted.... Removed LH magneto and replaced with new (PN: 10-500556-1, SN new: D23JA100, SN old: D22EA054). No further defects noted....

Removed RH magneto and replaced with new (PN: 10-500556-1, SN new: D18IA013, SN old: D22EA024). No further 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 N46JG 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: 11-01-2024

SIGNED:

Jesse Cardinale
A&P 4534204

WORK ORDER: 10142

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MAKE: Cirrus Design Corp
MODEL: Sr22
S/N: 8814
REG. NO: N46JG
ENGINE MODEL: IO-550N-70B
ENGINE SN: 1043642



Nassau Flyers
1300 New Hwy
Farmingdale, NY 11735

W/O #: 10198
DATE: 01-27-2025
A/C TT: 552.9
A/C Tach: 552.9
ENG TT: 552.9

Engine Entries

Performed engine operational and function check IAW Cirrus AMM 5-30.

*Performed engine 50 hr inspection IAW Cirrus AMM 5-20 and Continental AMM.

*Drained engine oil and collected oil sample for AvLab oil analysis. Serviced with 8 quarts of Phillips 20W50 X/C. Replaced oil filter with new (AA48108-2).

Performed particulate inspection on filter, no discrepancies noted.... Washed down engine and lubricated controls.

*Performed post inspection run up and leak check with no discrepancies noted.

*All work accomplished IAW Cirrus AMM 12-10 and Continental AMM.

Maintenance Release

This aircraft, engine, propeller or component(s) on N46JG 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: 01-27-2025

SIGNED:

Nickolas Enste
A&P 4964621

WORK ORDER: 10198

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MAKE: Cirrus Design Corp
MODEL: Sr22
S/N: 8814
REG. NO: N46JG
ENGINE MODEL: IO-550N-70B
ENGINE SN: 1043642



Nassau Flyers
1300 New Hwy
Farmingdale, NY 11735

W/O #: 10235
DATE: 04-11-2025
A/C TT: 599.2
A/C Tach: 599.2
ENG TT: 599.2

Engine Entries

Performed a 100 hour inspection of engine per Cirrus AMM and Continental Maintenance Manual, Chaps 05-20 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)65/80. 2)71/80. 3)65/80. 4)74/80. 5)74/80. 6)71/80.

*Master Orifice reading was 46.

*Drained engine oil and collected oil sample for AvLab oil analysis. Serviced engine with 8 quarts Phillips 20W50 X/C oil.

*Removed/cleaned/inspected/reinstalled magnetic drain plug.

*Removed oil filter and inspected for metal contamination, no metal noted.

*Installed/torqued/saftied new oil filter(AA48108-2).

*Removed/cleaned/gapped/tested reinstalled 6 spark plugs with new gaskets. Replaced 6 failed spark plugs with new.

*C/W ICA Tanis Engine Heater, no defects noted.

*Checked magneto to engine timing, adjusted as necessary.... Removed faulty throttle and control assembly and replaced with new. Performed Idle and mixture adjustment. No further defects noted.... Removed, cleaned, inspected and reinstalled all fuel injectors. No defects noted.... Removed old induction air filter and replaced with new. No further 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 N46JG 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: 04-11-2025

SIGNED:

Jesse Cardinale
A&P 4534204

WORK ORDER: 10235

Printed by EBIS (EBISCloud.com)

MAKE: Cirrus Design Corp
 MODEL: Sr22
 S/N: 8814
 REG. NO: N46JG
 ENGINE MODEL: IO-550N-70B
 ENGINE SN: 1043642



Nassau Flyers
 1300 New Hwy
 Farmingdale, NY 11735

W/O #: 10315
 DATE: 07-14-2025
 A/C TT: 651.1
 A/C Tach: 651.1
 ENG TT: 651.1

Engine Entries

Performed engine operational and function check IAW Cirrus AMM 5-30.

*Performed engine 50 hr inspection IAW Cirrus AMM 5-20 and Continental AMM.

*Drained engine oil and collected oil sample for AvLab oil analysis. Serviced with 8 quarts of Phillips 20W50 X/C. Replaced oil filter with new (AA48108-2).

Performed particulate inspection on filter, no discrepancies noted.... Washed down engine and lubricated controls.

*Performed post inspection run up and leak check with no discrepancies noted.

*All work accomplished IAW Cirrus AMM 12-10 and Continental AMM.... Adjusted engine idle and mixture to correct specs per CAMM.

Maintenance Release

This aircraft, engine, propeller or component(s) on N46JG 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: 07-14-2025

SIGNED:

Syed Rafay Hossain
 A&P 4521779

WORK ORDER: 10315

Printed by EBIS (EBISCloud.com)

MAKE: Cirrus Design Corp
 MODEL: Sr22
 S/N: 8814
 REG. NO: N46JG
 ENGINE MODEL: IO-550N-70B
 ENGINE SN: 1043642



Nassau Flyers
 1300 New Hwy
 Farmingdale, NY 11735

W/O #: 10382
 DATE: 10-06-2025
 A/C TT: 698.9
 A/C Tach: 698.9
 ENG TT: 698.9

Engine Entries

Performed a 100 hour inspection of engine per Cirrus AMM and Continental Maintenance Manual, Chaps 05-20 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)76/80. 2)76/80. 3)68/80. 4)75/80. 5)68/80. 6)74/80.

*Master Orifice reading was 44.

*Drained engine oil and collected oil sample for AvLab oil analysis. Serviced engine with 8 quarts Phillips 20W50 X/C oil.

*Removed/cleaned/inspected/reinstalled magnetic drain plug.

*Removed oil filter and inspected for metal contamination, no metal noted.

*Installed/torqued/softied new oil filter(AA48108-2).

*Removed/cleaned/gapped/tested reinstalled all spark plugs with new gaskets, no defects noted.

*C/W ICA Tanis Engine Heater, 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 N46JG 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: 10-06-2025

SIGNED:

Jesse Cardinale
 A&P 4534204

WORK ORDER: 10382

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