The Standard

ENGINE LOG

ASA-SE-1

Engine Record General Information

Manufacturer ROTAX Model 912iS

Serial ~~7704535~~ 6911517 Type Certificate CRSODAR#18H

This engine is currently installed in aircraft: 00078

Minimum Octane Fuel _____ Oil Grade: Summer _____ Winter _____

Magneto Time _____ Point Setting _____ Firing Order _____

Spark Plug Gap _____

Manufacturer's Recommended Overhaul at _____ hours

10:24AM
Ref. 23

YEAR 20 18 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
12/17			0.0	Engine installed on N217BA per Rotax installation manual and IAW ICON work instruction 000455, job# 25232 op# 11010. Propeller installed on 17 DEC 2018 per ICON work instruction 000247, job# 25232 op# 10026. Engine was serviced with 3 liters of Aeroshell sport plus 4. Purged engine oil system per Rotax installation manual section 3.3.

YEAR 20 19 DATE
1/25

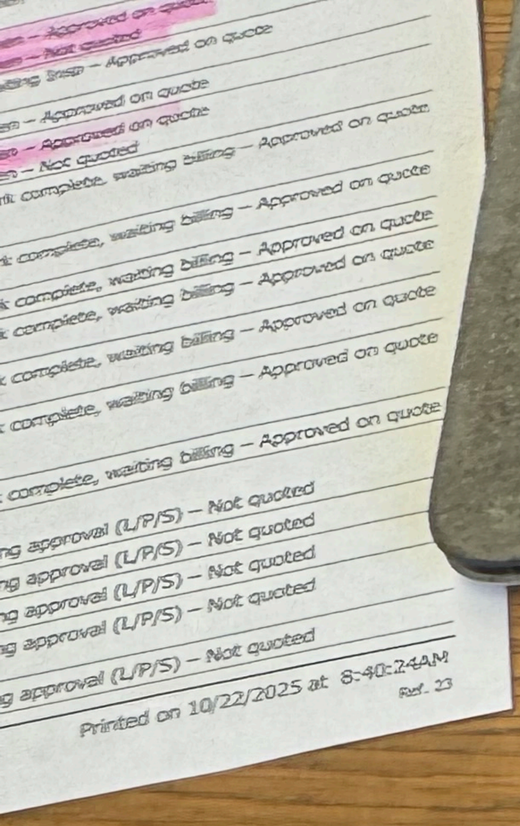
YEAR 20 19 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
1/25			9.6	

ICON

Date: 1/25/19 TTS: 9.6

I hereby certify the alteration has been completed in accordance with MRA00339-C and all the referenced documents. Potentially unclear procedures were clarified with the Aircraft OEM. Completed FOD check. No issues were observed that might hinder return to service, Ref FAA Exemption 10829B.

Tech: [signature] A+P # 3842770



YEAR 20 19 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
1/25			9.6	Retorqued prop bolts for initial 5 hour inspection
				IAW Sensenich Installation Instructions 3BOR5 rev C
				2018-10-02 step 16, table 1 pg 9. No issues were observed
				that might hinder return to service, ref FAA exemption 10834B
				C ~ ATP 3842770.
1/25			9.6	Removed + replaced exhaust heat shield IAW ICON MM
				rev C2 pg 16-38 step 7, 8 pg 16-40 steps 10-14. No issues
				were observed that might hinder return to service, ref FAA
				Exemption 10829B.
				C ~ ATP 3842770.

YEAR 20 DATE

erations
Number of Technician or

YEAR 20___ DATE	
	5 hour inspection
	ions 3BOR5 rev C
	po issues were observed
	ef FAA exemption 10829B
	AtP 38422770.
	ld IAW ICON MM
	steps 10-19. po issues
	to service, ref FAA
	AtP 38422770.

DOMINION AVIATION

Date: 3/19/2019; Aircraft: 217BA; Type: A5 ICON; S/N: 00078; Hobbs: 34.90; Tach: 34.90; Total Time: 34.90; Engine - Type: 912IS SPORT, S/N: 6911517, Time: 34.90; Prop - Type: 3BOR5L68C-O, S/N: 318503C, Time: 34.90

Engine

Complied with initial 25 hr inspection in reference with icon A5 AMM chapter 3.3.8 and Rotax line maintenance manual chapter 5.

I certify the above maintenance was complied with in accordance with the manufacturer's maintenance manual and/or instructions and the aircraft is determined to be in a condition for safe operation with respect to the work performed. Ref: FAA Exemption 10829B.

Work Order Number 31379.

Signed _____.

Dominion Aviation, CRS# ODAR018H
7511 Airfield Drive
Richmond, Virginia 23237
(804) 271-7793

airs and Alterations
and Certificate Number of Technician or
cific entries.)

YEAR 20____ DATE	RECORDING TACH TIME	TOTAL FLIGHT TIME	Operations Number of Technician or Signature

DOMINION AVIATION

Date: 4/19/2019; Aircraft: 217BA; Type: A5 ICON; S/N: 00078; Hobbs: 35.40; Tach: 35.40; Total Time: 35.40; Engine - Type: 912IS SPORT, S/N: 6911517, Time: 35.40; Prop - Type: 3B0R5L68C-0, S/N: 318503C, Time: 35.40

ENGINE

Found coolant line from reservoir bottle with residual coolant. Installed tyrap on coolant line, cleaned coolant from engine compartment, and ran engine to normal operating temperature. Inspected engine compartment for coolant leaks, no leaks found. Op check good.

I certify the above maintenance was complied with in accordance with the manufacturer's maintenance manual and/or instructions and the aircraft is determined to be in a condition for safe operation with respect to the work performed. Ref: FAA Exemption 10829B.

Work Order Number 31490

Signed

Dominion Aviation, CRS# ODAR018H
7511 Airfield Drive
Richmond, Virginia 23237
(804) 271-7793

DOMINION AVIATION

Date: 6/23/2021; Aircraft: 217BA; Type: A5 ICON; S/N: 00078; Hobbs: 39.00; Tach: 39.00;AC AirTime: 39.00; Total Time: 39.00; Engine - Type: 912IS SPORT, S/N: 6911517, Time: 39.00; Prop - Type: 3B0R5L68C-0, S/N:

DOMINION AVIATION

Date: 6/23/2021; Aircraft: 217BA; Type: A5 ICON; S/N: 00078; Hobbs: 39.00; Tach: 39.00;AC AirTime: 39.00; Total Time: 39.00; Engine - Type: 912IS SPORT, S/N: 6911517, Time: 39.00; Prop - Type: 3B0R5L68C-0, S/N: 318503C, Time: 39.00

ENGINE

Complied with the Condition and 100-hour inspection in accordance with ICON A5 MM section 3.3.1 - 3.3.11 and Rotax line maintenance manual chapter 5.

Complied with a compression check on all engine cylinders. The readings were as follows: #1 - 78/80, #2 - 78/80, #3 - 78/80, #4 - 78/80.

Replaced all 8 spark plugs with new P/N 297-656 spark plugs. gapped checked, installed with heat compound and torqued as required. Ref. BRP-Rotax MML Chapter 12

Complied with the oil and filter change. Serviced with 3 Liters of Aeroshell Sport Plus 4. Installed new oil filter p/n CS-825-012. Cut open the old filter and found no defects. Ran the engine and no leaks detected.

Checked and listed all applicable Airworthiness Directives using ATP revision dated 06/22/2021. Complied with the logbook research. No new or recurring ADs due at this time. Updated the computer profiles.

I certify the above maintenance was complied with in accordance with the manufacturer's maintenance manual and/or instructions and the aircraft is determined to be in a condition for safe operation with respect to the work performed. Ref: FAA Exemption 10829B.

Signed _____.

I certify this ENGINE has been inspected in accordance with the manufacturer's Condition and 100-Hour inspection, and the aircraft is determined on this date to be in a condition for safe operation. Ref: FAA Exemption 10829B.

Work Order Number 33631.

Signed _____

Dominion Aviation, CRS# ODAR018H
7511 Airfield Drive
Richmond, Virginia 23237
(804) 271-7793

DOMINION AVIATION

Date: 9/12/2022; Aircraft: 217BA; Type: A5 ICON; S/N: 00078; Hobbs: 39.70; Tach: 39.70;AC AirTime: 39.70; Total Time: 39.70; Engine - Type: 912IS SPORT, S/N: 6911517, Time:, 39.70; Prop - Type: 3B0R5L68C-0, S/N: 318503C, Time: 39.70

ENGINE

-Complied with the Condition and 100-hour inspection in accordance with ICON A5 MM section 3.3.1 - 3.3.11 and Rotax Line Maintenance Manual chapter 5 and Sensenich Composite Aircraft propeller Installation and Operation Instructions..
-Complied with the oil and filter change. Serviced with 3 liters of Aeroshell Sport Plus 4. Installed new oil filter p/n CS-825-012. Cut open the old filter and found no defects. Ran the engine and no leaks detected.
-Complied with a compression check on all engine cylinders. The readings were as follows: #1 - 78/80, #2 - 77/80,
#3 - 78/80, #4 - 78/80
-Removed the spark plugs. Inspected, cleaned, gapped and rotated the spark plugs. Reinstalled the spark plugs. Work performed in reference to Rotax 912i LMM chapter 12.
-Removed, cleaned, oiled, and reinstalled the air induction filter. Ref. K&N Air Filter Maintenance
-Performed engine data download as needed in reference to Icon A5 maintenance manual and Rotax 912i Series LMM Chapter 12-20-00.
-Checked and listed all applicable Airworthiness Directives using ATP revision dated 9/12/2022. Completed all mandatory ICON Service Items

I certify the above maintenance was complied with in accordance with the manufacturer's maintenance manual and/or instructions and the aircraft is determined to be in a condition for safe operation with respect to the work performed. Ref: FAA Exemption 10829B.

Signed _____

I certify this ENGINE has been inspected in accordance with the manufacturer's Condition and 100-Hour inspection, and the aircraft is determined on this date to be in a condition for safe operation. Ref: FAA Exemption 10829B.

Work Order Number 34935

Signed _____

Dominion Aviation, CRS# ODAR018H
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Richmond, Virginia 23237
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DOMINION AVIATION

7511 Airfield Dr
Richmond, VA 23237
(804) 271-9718
FAA CRS# ODAR-018H

Date: 06.24.2024
Registration #: N217BA

Work Order: MX-24-575

Component: Engine	Make: Rotax	Model: 912IS Sport	SN: 6911517
AFTT: 40.0	Hobbs: 40.0	ETT: 40.0	

Complied with the following Scheduled Inspection Items:

- Complied with **100 HR** Condition inspection, referencing ICON A5 MM section 3.3.1 - 3.3.11, Rotax Line Maintenance Manual chapter 5, and Sensenich Composite Aircraft Propeller Installation and Operation Instructions. (ref. FAA Exemption 10829C)

Complied with the following Maintenance Items:

- Performed propeller balance referencing ICON maintenance instructions. Set all prop blade angles to minimum angle of 19.2 degrees and performed satisfactory operational check. Prop RPM at 2000 and is within limits at 0.11 IPS. (ref. FAA Exemption 10829C)
- Complied with ICON recommended engine runs with Buds Data screen, engine parameters, and health page, and sent video and pictures to ICON. Installed 8 new spark plugs, PN: 297-656, and performed satisfactory inspections of all ignitions leads and electrical connections. Complied with High end propeller clamp torque check inspection. No defects noted. Performed satisfactory operational check.

Complied with the following AD's:

- Reviewed all applicable new and recurring ICON Safety Directives through this date, referencing ICON website publications.

I certify that the above stated maintenance and/ or inspection was performed in accordance with the current regulations of condition and approved for return to service only for the work performed. The pertinent details of the work performed are on file at this repair station under the Work Order listed above and the aircraft, engine, propeller, or component identified above was determined to be in airworthy condition. Ref FAA Exemption 10829C

Signature: _____ Date: 6/24/24

J. Hembree CRS# ODAH-018H