

• ROTAX®

• ENGINE LOG BOOK

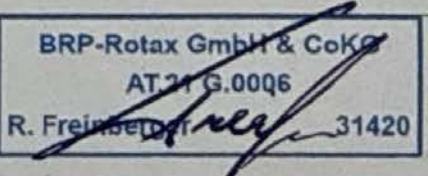
FOR ROTAX 2-STROKE AND 4-STROKE AIRCRAFT ENGINES

EDITION: 2023 05 01 | PART NO.: 898023

NO.:

M-048

Engine Log Book No.: **111-048** for piston engine

Type of engine: 912	Model: iSc3 Sport	Engine serial no.: 10.003.381
Manufacturer: BRP-Rotax GmbH & Co KG A-4623 Gunskirchen, Austria		Year of manufacture: 05.10.2023
Data sheet: EASA.E.121		
Take off power: 73,5 kW perm. duration: 5 min. at: 5800 r.p.m.		
Max. cont. power: 72 kW at: 5500 r.p.m.		
The above mentioned engine is considered to be operationally reliable if operated and maintained in accordance with the Civil Aircraft and Civil Aviation Equipment Order, current issue and the pertinent operational and maintenance instructions. For relevant Airworthiness Directives (AD) see EASA Website and also check with your local aviation authority (e.g. EASA, FAA TC, CAA,...).		
Remarks: The engine was tested and delivered without governor. For Instructions of Continued Airworthiness (ICAs) like e.g. relevant Service Bulletins etc. see the current SL-916 i-002R1, SL-915 i-002R2, SL-912 i-010R2, SL-912-021R2, SL-914-019R2, SL-2ST-013R2 List of Applicable Publications for ROTAX Aircraft Engines and its reference to ROTAX® Aircraft Engines website www.flyrotax.com		
Date: 10.10.2023	Signature:  BRP-Rotax GmbH & Co KG AT 21 G.00Q6 R. Freinberger 31420	

7

Maintenance record

Date:	Engine hours:		Work performed:	Signature & Licence no.:
	Total: TSN:	since last overhaul: TSO:		
10.10.2023	0	-	Individual examination performed	BRP-Rotax GmbH & Co KG AT-21 G-0006 R. Freinberger 31420

Sept. 26, 2024 N313VVC P-Mentor S/N: 11058/US TACH: 39.8 HOBBS: 43.1 EngTT: 39.8

Drained oil and cleaned out Oil Sump. Added 3.0 L of Aeroshell Sport 4 Oil. Replaced Filter PN: 825016. Leak check good. Performed Engine 100hr IAW Rotax MML Cylinder Compressions: #1: 87/87 #2: 87/87 #3: 87/87 #4: 87/87. Installed 8 new Spark Plugs. PN: ~~DCPR8~~. I certify that this engine was inspected in accordance with a 100-hr engine inspection and was determined to be in an airworthy condition. All work was accomplished in accordance with current Federal Aviation Regulations and manufacturer's maintenance instruction.

7B
DCPR8E

Signature [Signature] Certificate # 3846802 A&P/IA Date 09/26/2024

Oct 1, 2024 N313VVC P-Mentor S/N: 11058/US TACH: 49.3 HOBBS: 57.6 EngTT: 49.3

Drained oil. Removed filter and cut open for inspection. No particles noted. Installed new Filter PN: 825016. Wiped out Oil Sump. Added 3.0 L of Aeroshell Sport 4 Oil.. Leak check good.

Signature [Signature] Certificate # 3846802 A&P/IA Date 10/01/2024

M:

Oct 14, 2023 N313VV Rotax 912iSc3 Sport S/N: 10-003-381 EngTT: 95.1 ACTT: 95.0

Performed Engine 100-hour inspection in accordance with Tecnam P-Mentor AMM and FAR 43 Appendix D. All ADs and Service Instructions are Not Applicable. Cylinder compressions: #1-86/87, #2-85/87, #3-86/87, #4-85/87. Replaced all spark plugs. PN: DCPR8E. Drained Oil and cleaned Sump. Removed and cut open Oil Filter. No particles noted. Installed new Oil Filter. PN: 825016. Added 3 Liters Aeroshell Sport Plus 4 Oil. Engine run leak check good. I certify that this engine was inspected in accordance with a 100-hour Engine Inspection and was determined to be in an airworthy condition. All work was accomplished in accordance with current Federal Aviation Regulations and manufacturer's maintenance instructions.

Signature: *[Signature]*

Certificate# 3846802 A&P/IA

Date: 10/14/2024

Vertical Vision Flight Academy
14381 Galveston Ct.
Perry IA 50220-6249
5153372159

Make: RotaxModel: 912iSc3 SportTail: N313VVS/N: 10-003-381

Hours: _____

143.9 TACH

144.1 TT

The following work was accomplished on this engine in accordance with the Rotax Maintenance Manual, Tecnam Aircraft Maintenance Manual & FAR 43, Appendix D:

- Drained engine oil & removed oil filter. Cut filter open to check for contaminants. Was O.K. Installed a new Rotax 825016 oil filter & serviced engine with 3L. Aeroshell Sport Plus 4 oil.
- Removed engine magnetic plug to check for contaminants. Was O.K. Reinstalled plug.
- Ran engine to test for operation and leaks. All O.K. at this time.

This engine is satisfactory for return to service with respect to the work described herein.

Signed: *Brian West*Cert: 4316092Name: Brian WestDate: 10/22/2024

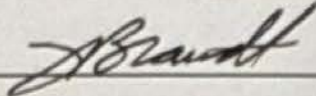
Maintenance record:

[illegible]

Maintenance record:

Dec 05, 2024 N313VV Rotax 912iSc3 Sport S/N: 10-003-381 EngTT: 275.7 ACTT: 276.8

Performed Engine 100-hour Inspection in accordance with Tecnam P-Mentor AMM and FAR 43 Appendix D. All ADs and Service Instructions are Not Applicable. Cylinder compressions: #1-86/87, #2-85/87, #3-86/87, #4-85/87. Replaced all spark plugs. PN: DCPR8E. Drained Oil and cleaned Sump. Removed and cut open Oil Filter. No particles noted. Installed new Oil Filter. PN: 825016. Added 3 Liters Aeroshell Sport Plus 4 Oil. Removed Chip Detector for Inspection and Reinstalled. No particles noted. Engine run leak check good. I certify that this engine was inspected in accordance with a 100-hour Engine Inspection and was determined to be in an airworthy condition. All work was accomplished in accordance with current Federal Aviation Regulations and manufacturer's maintenance instructions.

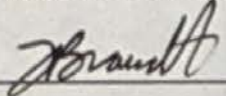
Signature: 

Certificate# 3846802 A&P/IA

Date: 12/05/2024

Jan 10, 2025 N313VV Rotax 912iSc3 Sport S/N: 10-003-381 EngTT: 375.3 ACTT: 377.1

Performed Engine 100-hour Inspection IAW Tecnam P-Mentor AMM, Rotax 912iS Manual and FAR 43 Appendix D. All ADs and Service Instructions are Not Applicable. Cylinder compressions: #1-85/87, #2-85/87, #3-85/87, #4-85/87. Replaced all spark plugs. PN: DCPR8E. Drained Oil and cleaned Sump. Removed and cut open Oil Filter. No particles noted. Installed new Oil Filter. PN: 825016. Added 3 Liters Aeroshell Sport Plus 4 Oil. Removed Chip Detector for Inspection and Reinstalled. No particles noted. Engine run leak check good. I certify that this engine was inspected in accordance with a 100-hour Engine Inspection and was determined to be in an airworthy condition. All work was accomplished in accordance with current Federal Aviation Regulations and manufacturer's maintenance instructions.

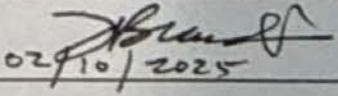
Signature: 

Certificate# 3846802 A&P/IA

Date: 01/10/2025

Feb 10, 2025 N313VV Rotax 912iSc3 Sport S/N: 10-003-381 EngTT: 467.3 ACTT: 469.8

Performed Engine 100-hour Inspection IAW Tecnam P-Mentor AMM, Rotax 912iS Manual and FAR 43 Appendix D. All ADs and Service Instructions are Not Applicable. Cylinder compressions: #1-85/87, #2-85/87, #3-85/87, #4-85/87. Replaced all spark plugs. PN: DCPR8E. Drained Oil and cleaned Sump. Removed and cut open Oil Filter. No particles noted. Installed new Oil Filter. PN: 825016. Added 3 Liters Aeroshell Sport Plus 4 Oil. Removed Chip Detector for Inspection and Reinstalled. No particles noted. Engine run leak check good. I certify that this engine was inspected in accordance with a 100-hour Engine Inspection and was determined to be in an airworthy condition. All work was accomplished in accordance with current Federal Aviation Regulations and manufacturer's maintenance instructions.

Signature: 

Certificate# 3846802 A&P/IA

Date: 02/10/2025

Maintenance record:

D

Feb 28, 2025 N313VV Rotax 912iSc3 Sport S/N: 10-003-381 EngTT: 562.9 ACTT: 566.1

Performed Engine 100-hour Inspection IAW Tecnam P-Mentor AMM, Rotax 912iS Manual and FAR 43 Appendix D. All ADs and Service Instructions are Not Applicable. Cylinder compressions: #1-85/87, #2-85/87, #3-85/87, #4-85/87. Replaced all spark plugs. PN: DCPR8E. Drained Oil and cleaned Sump. Removed and cut open Oil Filter. No particles noted. Installed new Oil Filter. PN: 825016. Added 2.5 Liters Aeroshell Sport Plus 4 Oil. Removed Chip Detector for Inspection and Reinstalled. No particles noted. Engine run leak check good. I certify that this engine was inspected in accordance with a 100-hour Engine Inspection and was determined to be in an airworthy condition. All work was accomplished in accordance with current Federal Aviation Regulations and manufacturer's maintenance instructions.

Signature: _____

Certificate# 3846802 A&P/IA

Date: _____

02/28/2025

Mar 25 2025 N313VV Rotax 912iSc3 Sport S/N: 10-003-381 EngTT: 647.5 ACTT: 651.2

Performed Engine 100-hour Inspection IAW Tecnam P-Mentor AMM, Rotax 912iS Manual and FAR 43 Appendix D. All ADs and Service Instructions are Not Applicable. Cylinder compressions: #1-85/87, #2-85/87, #3-85/87, #4-85/87. Replaced all spark plugs. PN: DCPR8E. Drained Oil and cleaned Sump. Removed and cut open Oil Filter. No particles noted. Installed new Oil Filter. PN: 825016. Added 2.5 Liters Aeroshell Sport Plus 4 Oil. Removed Chip Detector for Inspection and Reinstalled. No particles noted. Removed Exhaust and Lubricated slip joints with Loctite Anti-Seize 8151. Installed Exhaust. Engine run leak check good. I certify that this engine was inspected in accordance with a 100-hour Engine Inspection and was determined to be in an airworthy condition. All work was accomplished in accordance with current Federal Aviation Regulations and manufacturer's maintenance instructions.

Signature: _____

Certificate# 3846802 A&P/IA

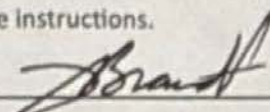
Date: _____

03/25/2025

Me

April 22, 2025 N313VV Rotax 912iSc3 Sport S/N: 10-003-381 EngTT: 742.0 ACTT: 746.3

Performed Engine 100-hour Inspection IAW Tecnam P-Mentor AMM, Rotax 912iS Manual and FAR 43 Appendix D. All ADs and Service Instructions are Not Applicable. Cylinder compressions: #1-85/87, #2-84/87, #3-85/87, #4-84/87. Replaced all spark plugs. PN: DCPR8E. Drained Oil and cleaned Sump. Removed and cut open Oil Filter. No particles noted. Installed new Oil Filter. PN: 825016. Added 2.5 Liters Aeroshell Sport Plus 4 Oil. Removed Chip Detector for Inspection and Reinstalled. No particles noted. Removed Exhaust and Lubricated slip joints with Loctite Anti-Seize 8151. Installed Exhaust. I certify that this engine was inspected in accordance with a 100-hour Engine Inspection and was determined to be in an airworthy condition. All work was accomplished in accordance with current Federal Aviation Regulations and manufacturer's maintenance instructions.

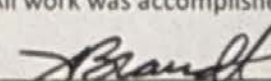
Signature: 

Certificate# 3846802 A&P/IA

Date: 04/22/2025

May 20, 2025 N313VV Rotax 912iSc3 Sport S/N: 10-003-381 EngTT: 833.1 ACTT: 838.0

Performed Engine 100-hour Inspection IAW Tecnam P-Mentor AMM, Rotax 912iS Manual and FAR 43 Appendix D. All ADs and Service Instructions are Not Applicable. Cylinder compressions: #1-85/87, #2-85/87, #3-85/87, #4-85/87. Replaced all spark plugs. PN: DCPR8E. Drained Oil and cleaned Sump. Removed and cut open Oil Filter. No particles noted. Installed new Oil Filter. PN: 825016. Added 2.5 Liters Aeroshell Sport Plus 4 Oil. Removed Chip Detector for Inspection and Reinstalled. No particles noted. Reinstalled and adjusted Engine Motor Mount Exhaust Heat Shield. I certify that this engine was inspected in accordance with a 100-hour Engine Inspection and was determined to be in an airworthy condition. All work was accomplished in accordance with current Federal Aviation Regulations and manufacturer's maintenance instructions.

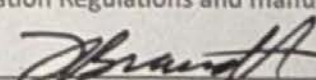
Signature: 

Certificate# 3846802 A&P/IA

Date: 05/20/2025

Jun 20, 2025 N313VV Rotax 912iSc3 Sport S/N: 10-003-381 EngTach: 926.7

Performed Engine 100-hour Inspection IAW Tecnam P-Mentor AMM, Rotax 912iS Manual and FAR 43 Appendix D. All ADs and Service Instructions are Not Applicable. Cylinder compressions: #1-85/87, #2-85/87, #3-85/87, #4-85/87. Replaced all spark plugs. PN: DCPR8E. Drained Oil and cleaned Sump. Removed and cut open Oil Filter. No particles noted. Installed new Oil Filter. PN: 825016. Added 2.5 Liters Aeroshell Sport Plus 4 Oil. Removed Chip Detector for Inspection and Reinstalled. No particles noted. I certify that this engine was inspected in accordance with a 100-hour Engine Inspection and was determined to be in an airworthy condition. All work was accomplished in accordance with current Federal Aviation Regulations and manufacturer's maintenance instructions.

Signature: 

Certificate# 3846802 A&P/IA

Date: 06/20/2025

Ma

Sept 30, 2025 N313VV Rotax 912iSc3 Sport S/N: 10-003-381 EngTach: 1016.3 EngTT: 1016.3

Performed Engine 100-hour Inspection IAW Tecnam P-Mentor AMM, Rotax 912iS Manual and FAR 43 Appendix D. All ADs and Service Instructions are Not Applicable. Removed Propeller gearbox for 1000hr Inspection. Reinstalled Propeller Gearbox. Installed new Drive gear 29T. PN: 834233. Installed new Friction Washer. PN: 845431. Installed new propeller Governor Drive Gear 22T. PN: 834-245. Installed new 12volt battery. PN: RG-25XC. Installed new Silent Block Motor Mounts. PN: Cono21-BS. Installed new Oil Radiator. PN: 886-015C. Installed new EGT Sensor #1 Cyl. PN: 866-261. Cylinder compressions: #1-85/87, #2-85/87, #3-85/87, #4-85/87. Replaced all spark plugs. PN: DCPR8E. Drained Oil and cleaned Sump. Removed and cut open Oil Filter. No particles noted. Installed new Oil Filter. PN: 825016. Added 2.5 Liters Aeroshell Sport Plus 4 Oil. Removed Chip Detector for Inspection and Reinstalled. No particles noted. I certify that this engine was inspected in accordance with a 100-hour Engine Inspection and was determined to be in an airworthy condition. All work was accomplished in accordance with current Federal Aviation Regulations and manufacturer's maintenance instructions. Replaced fuel filter. PN: 874-060 23

Signature: [Signature] Certificate# 3846802 A&P/IA Date: 09/30/2025



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AIRCRAFT ENGINES

Date: 08-11-2025 Engine: 912iS3C Eng S/N: 10003381 Gearbox S/N: 77569 Engine Time: 1022.3 hrs

Performed 1000 hour inspection on gearbox: Disassembled and inspected gear box. Cleaned all gearbox internal components. Reset break-away torque on slipper clutch to new specifications. Reassembled using new spring washers, phenolic washer, and retaining ring halves. All work done in accordance with latest Rotax maintenance information. Gearbox returned to customer for re-installation on aircraft.

Russell Horton A&P 3347668 Rotax Heavy Rating 30001211017-4436



Date: 9-2-2025 Engine Model: 912iSc Engine SN: 10003381 TSN: 1022

Inspected Gearbox: Inspected gearbox after governor drive gear impact with gov. driven gear during installation. Replaced gov. drive gear with new. Gearbox returned to customer for reinstallation to engine. All work performed in accordance with latest Rotax maintenance information as of this date.

Brett Lawton

Brett Lawton

A&P 2837471, Rotax Overhaul Rating 40001240512-1894

Sept 30, 2025

Inspection

Feb 23, 2026 N313VV Rotax 912iSc3 Sport S/N: 10-003-381 EngTach: 1060.0 AFTT: 1066.8

Drained oil. Removed filter and cut open for inspection. No particles noted. Installed new Filter PN: 825016. Added 2.5L of Aeroshell Sport 4 Oil. Leak check good.

Signature:

J Brandt

Certificate# 3846802 A&P/IA

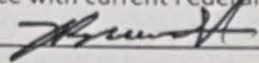
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02/23/2026

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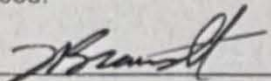
Mar 24, 2026 N313VV Rotax 912iSc3 Sport S/N: 10-003-381 EngTach: 1113.0 EngTT: 1113.0

Performed Engine 100-hour Inspection IAW Tecnam P-Mentor AMM, Rotax 912iS Manual and FAR 43 Appendix D. All ADs and Service Instructions have previously been complied with. Cylinder compressions: #1-85/87, #2-85/87, #3-85/87, #4-85/87. Replaced all spark plugs. PN: DCPR8E. Drained Oil and cleaned Sump. Removed and cut open Oil Filter. No particles noted. Installed new Oil Filter. PN: 825016. Added 2.5 Liters Aeroshell Sport Plus 4 Oil. Removed Chip Detector for Inspection and Reinstalled. No particles noted. I certify that this engine was inspected in accordance with a 100-hour Engine Inspection and was determined to be in an airworthy condition. All work was accomplished in accordance with current Federal Aviation Regulations and manufacturer's maintenance instructions.

Signature:  Certificate# 3846802 A&P/IA Date: 03/24/2026

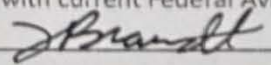
Apr 18, 2026 N313VV Rotax 912iSc3 Sport S/N: 10-003-381 EngTach: 1157.6 AFTT: 1165.1

Drained oil. Removed filter and cut open for inspection. No particles noted. Installed new Filter PN: 825016. Added 2.5L of Aeroshell Sport 4 Oil. Leak check good.

Signature:  Certificate# 3846802 A&P/IA Date: 04/18/2026

May 02, 2026 N313VV Rotax 912iSc3 Sport S/N: 10-003-381 EngTach: 1210.3 EngTT: 1210.3

Performed Engine 100-hour inspection IAW Tecnam P-Mentor AMM, Rotax 912iS Manual and FAR 43 Appendix D. All ADs and Service Instructions have previously been complied with. Cylinder compressions: #1-85/87, #2-85/87, #3-85/87, #4-85/87. Replaced all spark plugs. PN: DCPR8E. Drained Oil and cleaned Sump. Removed and cut open Oil Filter. No particles noted. Installed new Oil Filter. PN: 825016. Added 2.5 Liters Aeroshell Sport Plus 4 Oil. Removed Chip Detector for inspection and Reinstalled. No particles noted. I certify that this engine was inspected in accordance with a 100-hour Engine Inspection and was determined to be in an airworthy condition. All work was accomplished in accordance with current Federal Aviation Regulations and manufacturer's maintenance instructions.

Signature:  Certificate# 3846802 A&P/IA Date: 05/02/2026

May 18, 2026 N313VV Rotax 912iSc3 Sport S/N: 10-003-381 EngTach: 1254.0 AFTT: 1262.4

Drained oil. Removed filter and cut open for inspection. No particles noted. Installed new Filter PN: 825016. Added 2.5L of Aeroshell Sport 4 Oil. Leak check good.

Signature: _____

Good.

Brant

Certificate# 3846802 A&P/IA

Date:

05/18/2028

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