

ROTAX.
AIRCRAFT ENGINES



ENGINE LOG BOOK

FOR ROTAX® 2-STROKE AND 4-STROKE AIRCRAFT ENGINES

no.:



Maintenance record:

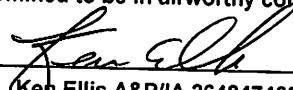
BRUNGARD AVIATION LLC

3323 Airport Rd. Boulder, CO 80301 (303) 440-4791

Date:	6/27/2023	Reg:	N983PB	TSNEW	374.00	Tach:	376.60
Make:	Rotax	Model:	912-iS2	Serial:	7704523		

1) Ran engine for performance checks and leaks. Removed all spark plugs. Cleaned, gapped, tested, inspected and re-installed. Drained oil and took sample. Removed and cut oil filter. No defects noted. Serviced air filter with Challenger Kit #CP-99-5050. Serviced engine with 3 quarts of Aeroshell Sport Plus 4 and one new 825016 oil filter. Lubed engine controls as required. Performed differential compression test. #1 80/80, #2 80/80, #3 80/80, #4 80/80. Ran engine for leak checks and performance. No defects noted.

I certify that this ENGINE has been inspected in accordance with 14CFR Part 43 Appendix D, Annual inspection guidelines and was determined to be in airworthy condition.



Ken Ellis A&P/A 264847469

Engine Logbook Entry

Journeys Aviation

N983PB Date: 11/07/2024 Tach: 374.8 Total Hours: 377.5 Rotax 912 iS2 S/N: 7704523

Inspection performed on this date in accordance with VANs RV-12 manual/Rotax 912iS manuals. Performed compression test CYL #1- 80/80, CYL #2- 80/80, CYL #3- 80/80, CYL #4- 80/80. Checked ignition harnessed. Added 3 QTS of Aeroshell Sport Plus 4 and installed Rotax oil filter P/N: 825016. Performed engine scan and no faults found. Performed ground run up and leak check, no leaks or faults detected. 100hr inspection due at Tach: 474.8. I certify that this engine has been inspected in accordance with 100hr. inspection, using the scope and detail of appendix D part 43, as a guide, and was determined to be in an airworthy condition. Maintenance performed according to current Rotax 912iS maintenance manual.

END

Name: Enrique Ibarra

Number: A&P 3996877 IA

Maintenance record:

Date:	Engine hours:		Work performed:	Signature & Licence no.:
	TSN:	TSO:		

Mountain Aircraft Maintenance, Inc

P.O. Box 772114, Steamboat Springs, CO 80477 (970) 870-8986 Fax (970) 870-0387

August 17, 2021 Tach 308.3 Total Time 309.4
N983PB Rotax 912is2 S/N 7704523

Changed oil and filter. Installed new Rotax 825016 filter and serviced engine with 3 qts Aeroshell Sport Plus 4 oil. Ground ran engine, no leaks noted, all operations normal. John Duffy A&P 3491366



Maintenance record:

Date:	Engine hours:		Work performed:	Signature & Licence no.:
	TSN:	TSO:		



April 7, 2022 Tach 339.8 Total Time 341.1
N983PB Rotax 912is2 S/N 7704523

Compressions; #1 79/80 #2 79/80 #3 79/80 #4 79/80. Accomplished 12 Month condition inspection in accordance with Rotax Line Maintenance Manual 05-20-00 and Vans RV12iS Maintenance Manual. Changed oil and filter. Installed new Rotax 825016 filter and serviced engine with 3 qts Aeroshell Sport Plus 4 oil. Installed all new 297656 spark plugs. Inspected engine and installed components for general condition, corrosion and security of installation. Inspected controls for rigging, security and travel. Inspected intake and exhausted systems for security and leaks. Pressure tested heat exchanger, no defects noted. Inspected fuel / oil / coolant hoses and wire harnesses for security and chaffing. Ground ran engine, all operations normal, no leaks noted. *I certify that this engine / propeller has been inspected in accordance with a 100 HOUR CONDITION inspection and was determined to be in a condition for safe operation.*

John Duffy A&P 3491366



Maintenance record:

Date:	Engine hours:		Work performed:	Signature & Licence no.:
	TSN:	TSO:		
<p><i>Mountain Aircraft Maintenance, Inc</i></p> <p>P.O. Box 772114, Steamboat Springs, CO 80477 (970) 870-8986 Fax (970) 870-0387</p> <hr/> <p>August 25, 2020 Tach 239.6 N983PB Rotax 912is2 S/N 7704523</p> <p>Changed oil and filter. Installed new Rotax 825016 filter and serviced engine with 3 qts Aeroshell Sport Plus 4 oil. Ground ran engine, no leaks noted, all operations normal. John Duffy A&P 3491366</p> 				

Maintenance record:

Date:	Engine hours:		Work performed:	Signature & Licence no.:
	TSN:	TSO:		
Mountain Aircraft Maintenance, Inc <u>P.O. Box 772114, Steamboat Springs, CO 80477 (970) 870-8986 Fax (970) 870-0387</u>				
March 2, 2021 Tach 277.4 Total Time 278.3 N983PB Rotax 912is2 S/N 7704523				
<ul style="list-style-type: none"> ➤ Complied with Service Bulletin 00013 by replacement of No 1 and No 2 exhaust stacks. Installed new No 3 exhaust stack. Installed all new exhaust springs. ➤ Complied with Service Bulletin 00023-Rev1 by replacement of WD-1221 engine mount standoff with new engine mount standoff P/N WD-01221-1. No further action required. <p>Compressions: #1 79/80 #2 79/80 #3 79/80 #4 79/80. Accomplished annual condition inspection in accordance with Rotax Line Maintenance Manual 05-20-00 and Vans RV12iS Maintenance Manual. Changed oil and filter. Installed new Rotax 825016 filter and serviced engine with 3 qts Aeroshell Sport Plus 4 oil. Installed all new 297656 spark plugs. Inspected engine and installed components for general condition, corrosion and security of installation. Inspected controls for rigging, security and travel. Inspected intake and exhausted systems for security and leaks. Pressure tested heat exchanger, no defects noted. Inspected fuel / oil / coolant hoses and wire harnesses for security and chaffing. Ground ran engine, all operations normal, no leaks noted. <i>I certify that this engine / propeller has been inspected in accordance with a 100 HOUR CONDITION inspection and was determined to be in airworthy condition.</i></p> <p>John Duffy A&P 3491366 IA</p> 				

Maintenance record:

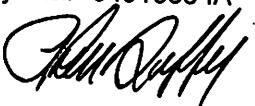
Date:	Engine hours:		Work performed:	Signature & Licence no.:
	TSN:	TSO:		

Mountain Aircraft Maintenance, Inc

P.O. Box 772114, Steamboat Springs, CO 80477 (970) 870-8986 Fax (970) 870-0387

February 15, 2020 Tach 134.6 Total Time 135.0
N983PB Rotax 912iS2 S/N 7704523

Compressions; #1 79/80 #2 79/80 #3 79/80 #4 79/80. Accomplished annual condition inspection in accordance with Rotax Line Maintenance Manual 05-20-00 and Vans RV12iS Maintenance Manual. Inspected engine and installed components for general condition, corrosion and security of installation. Inspected controls for rigging, security and travel. Inspected intake and exhausted systems for security and leaks. Pressure tested heat exchanger, no defects noted. Inspected fuel / oil / coolant hoses and wire harnesses for security and chaffing. Ground ran engine, all operations normal, no leaks noted. I certify that this engine / propeller has been inspected in accordance with a 100 HOUR CONDITION inspection and was determined to be in airworthy condition. John Duffy A&P 3491366 IA



Maintenance record:

Date:	Engine hours:		Work performed:	Signature & Licence no.:
	TSN:	TSO:		

Mountain Aircraft Maintenance, Inc

P.O. Box 772114, Steamboat Springs, CO 80477 (970) 870-8986 Fax (970) 870-0387

April 9, 2020 Tach 161.5
N983PB Vans Aircraft RV-12iS S/N 12077

Complied with SB 20-01-17 all engine plugs saftied as required. John Duffy A&P 3491366



Mountain Aircraft Maintenance, Inc

P.O. Box 772114, Steamboat Springs, CO 80477 (970) 870-8986 Fax (970) 870-0387

June 29, 2020 Tach 200.8
N983PB Rotax 912iS2 S/N 7704523

Changed oil and filter. Installed new Rotax 825016 filter and serviced engine with 3 qts Aeroshell Sport Plus 4 oil. Inspected magnetic plug, no debris noted. Ground ran engine, no leaks noted, all operations normal. John Duffy A&P 3491366



Maintenance record:

Date:	Engine hours:		Work performed:	Signature & Licence no.:		
	TSN:	TSO:				
<i>Mountain Aircraft Maintenance, Inc</i>						
P.O. Box 772114, Steamboat Springs, CO 80477 (970) 870-8986 Fax (970) 870-0387						
<i>April 10, 2019 Tach 24.8</i>						
<i>N983PB Rotax 912is2 S/N 7704523</i>						
Changed oil and filter. Installed new Rotax 825016 filter and serviced engine with 3 qts Aeroshell Sport Plus 4 oil. Ground ran engine, no leaks noted, all operations normal. John Duffy A&P 3491366						
						
<i>Mountain Aircraft Maintenance, Inc</i>						
P.O. Box 772114, Steamboat Springs, CO 80477 (970) 870-8986 Fax (970) 870-0387						
<i>July 24, 2019 Tach 65.0</i>						
<i>N983PB Rotax 912is2 S/N 7704523</i>						
Changed oil and filter. Installed new Rotax 825016 filter and serviced engine with 3 qts Aeroshell Sport Plus 4 oil. Ground ran engine, no leaks noted, all operations normal. John Duffy A&P 3491366						
						

Maintenance record:

Date:	Engine hours:		Work performed:	Signature & Licence no.:		
	TSN:	TSO:				
<i>Mountain Aircraft Maintenance, Inc</i>						
P.O. Box 772114, Steamboat Springs, CO 80477 (970) 870-8986 Fax (970) 870-0387						
<i>December 3, 2019 Tach 115.9</i>						
<i>N983PB Rotax 912is2 S/N 7704523</i>						
Changed oil and filter. Installed new Rotax 825016 filter and serviced engine with 3 qts Aeroshell Sport Plus 4 oil. Ground ran engine, no leaks noted, all operations normal. John Duffy A&P 3491366						
						
<i>Mountain Aircraft Maintenance, Inc</i>						
P.O. Box 772114, Steamboat Springs, CO 80477 (970) 870-8986 Fax (970) 870-0387						
<i>April 9, 2020 Tach 161.5</i>						
<i>N983PB Rotax 912is2 S/N 7704523</i>						
Changed oil and filter. Installed new Rotax 825016 filter and serviced engine with 3 qts Aeroshell Sport Plus 4 oil. Inspected magnetic plug, no debris noted. Complied with SB 20-01-17 all engine plugs saftied as required. Ground ran engine, no leaks noted, all operations normal. John Duffy A&P 3491366						
						

Modification record:

Airworthiness directive or modification:	TSN:	Date:	Signature & Licence no.:
12-October-2018 912iS S/N 7704523 ETT: -0- Removed New Gear Box Assy. P/N 893341 S/N 73375 Cover P/N 811958 and Installed New Gear Box Assy. P/N 893341 S/N 74068 Cover P/N 811959 I/A/W ROTAX M/M/H 72-10-10. Performed Satisfactory Engine Performance Run-Up on Test Stand I/A/W ROTAX M/M/L 12-20-00.			<u>Kinall Hwang AP 3457946</u>

Engine installation record:

Base record:

Engine log book number: _____ for piston engine

Type of engine: 912	Model: i52	Engine serial no.: 7704523
Manufacturer: BRP-Rotax GmbH & Co KG, 4623 Gunskirchen, Austria	Year of manufacture:	

Data sheet:

Take off power: _____ kW/Hp. perm. duration: _____ min at _____ r.p.m.

Max. cont. power: _____ kW/Hp. at _____ r.p.m.

Note:

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.

Remarks:

Date:

Signature: