

1924RD

ROTAX.
AIRCRAFT ENGINES



MOTOR LOGBUCH

ENGINE LOG BOOK

FÜR ROTAX® MOTORTYPEN 2 TAKT UND 4 TAKT

FOR ROTAX® ENGINE TYPES 2 STROKE AND 4 STROKE

Nr. / no.:

[Blank white box for handwritten number]

Wartungsübersicht / Maintenance record

Datum: Betriebsstunden: Engine hours: Durchgeführte Arbeiten: Work performed: Unterschrift & LFZ Wart Nr.: Signature & Licence no.:

Gesamt: seit letzter GÜ.: TSN: TSO:

Date: 1/13/2021; Aircraft: N924RD; Tach: 372.8; Total Time: Engine - Type: Rotax 912ULS S/N: 6.784.081, Time: Engine was inspected during an aircraft annual conditional inspection. Inspected spark plugs. Took compression check (1:79 2:79 3:79 4:79 / 80 psi). Changed oil filter (AA825706) and oil (Aeroshell sport plus 4). Inspected magnetic plug and oil filter no defects noted. Friction torque found to be 480 in lbs. AD's checked through bi-weekly 2020-26. AD compliance report in aircraft records. Aircraft run check okay. "I certify this aircraft has been inspected on 13 January 2021 with reference to manufacturer's maintenance and inspection procedures, and was found to be in a condition for safe operation. Pertinent details on file at this facility under SO-12450."

Signed: Sterventuck Date: 13 JAN 2021

Rocky Mountain Aircraft Services
FAA Certified Repair Station # 71K74769 EIC AIP 3313796
Glacier Park International Airport
Kalispell, MT 59901

Rocky Mountain AIRCRAFT SERVICES

Unterschrift & FZ Wart Nr.: Signature & Licence no.:

Date: 3/21/2022; Aircraft: N924RD; S/N: F-16-01-51; Hobbs: 421.4; Total Time: 421.4; Engine - Type: Rotax 912ULS2, S/N: 6.784.081, Time: 421.4; Prop - Type: Newform CR3-65-47-101.6, S/N: 1159, Time: 421.4
Performed engine and propeller inspection this date during aircraft Annual Condition inspection. Removed prop spinner. Inspected propeller and spinner.

Drained oil, removed and inspected filter and magnetic plug for metal and contaminants, none noted. Serviced with 3 qts Aeroshell Sport Plus and filter AA 825706. Performed air bleed of oil system. Removed all spark plugs, cleaned, inspected, gapped, tested, rotated and reinstalled. Compression as follows: cyl#1/ 79 cyl#2/ 79 cyl#3/ 78 cyl#4/ 79 over 80psi. Performed exhaust pressure leak test, no leaks noted. Replaced two fuel lines with new p/n (Rotax) 874911 and 874337, as well as two balance tube hoses. Friction torque was 463 in. lbs. ADs checked through Bi-Weekly 2022-05. Reinstalled any removed parts and/or components, washed engine and performed run up. Performed engine systems, indicating and leak checks, no discrepancies noted.

"I certify that this powerplant and propeller has been inspected and was determined to be a condition for safe operation."

Signed: Euro Sebastian AP4516212 Date: 03/21/22

Date: 03/23/2023, Aircraft: N924RD; Hobbs: 475.0; Total Time: 475.0 Engine - Type: Rotax 912ULS2, S/N: 6.784.081, Time: 475.0, SMOH: 475.0

Performed engine and propeller inspection this date during aircraft Annual Condition inspection. Removed prop spinner. Inspected propeller and spinner.

Drained oil, removed and inspected filter and magnetic plug for metal and contaminants, none noted. Serviced with 3 qts Aeroshell Sport Plus and filter AA 825706. Performed air bleed of oil system. Removed all spark plugs, cleaned, inspected, gapped, tested, rotated and reinstalled. Compression as follows: cyl#1/ 79 cyl#2/ 79 cyl#3/ 79 cyl#4/ 79 over 80psi. Performed exhaust pressure leak test, no leaks noted. ADs checked through Bi-Weekly 2023-06. Reinstalled any removed parts and/or components, washed engine and performed run up. Performed engine systems, indicating and leak checks, no discrepancies noted. Pertinent details on file at this facility under SO-13719.

"I certify that this powerplant and propeller has been inspected and was determined to be a condition for safe operation."

Signed: Jim Light AIP 3346000 Date: 03/29/2023

June 8, 2018

Hour Meter: 260.0 Hrs.

Nr.:

*Replaced #1, (RH) EGT probe with new, P/N: 100405-001, ops check normal.
 *M. Rowell A&P/IA 3038853 M. Rowell

Engine ROTAX 912 ULS 2 S/N 6.784.081 Date 01/28/2019 Hobbs 285.0 TTE 285.0
 Engine was inspected during an aircraft annual conditional inspection. Replaced spark plugs.
 Changed oil filter & oil Aeroshell sport plus 4. Inspected Magnetic plug and oil filter. Inspected
 floats and replaced left floats, Right floats 6 grams and left floats 6 grams. Friction torque 480 in.
 lbs. Compression check 79-79-79-79/80. Synchronized carburetors. Engine was run and checked
 for leaks. I have inspected this engine and found it to be in a condition for safe operation.
 RFSC140001130929-02

Rex Johnson

AP 2712583 REX JOHNSON



1940 Airport Court
 Great Falls, MT. 59404
 PH (406) 453-7613
 Fax (406) 453-7204

Date 10-2-2019 AC N924RD Drained oil, removed oil
 filter and inspected, no contaminants found, installed
 new filter and serviced with oil to correct level.
 Customer supplied oil and filter.

Sign [Signature]

CRS# HOQR040K

Änderungsstand / Modification record

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Lufttüchtigkeitsanweisung bzw. Änderung:
 Airworthiness directive or modification:

Ges. Std.:
 TSN:

Datum:
 Date:

Unterschrift & LFZ W. Nr.:
 Signature & Licence no.:



13 MARCH 2020, N924RD S/N: F-16-01-51, TACH: 333.5, TAT: 333.5,
ENGINE: ROTAX 912ULS2, S/N: 6.784.081, TSN: 333.5, TSO: 333.5
PROPELLER: NEWFORM CR3-65-47-101.6 S/N: 1132, TSN: 333.5, TSO: 333.5

Engine was inspected during an aircraft annual conditional inspection. Inspected spark plugs. Changed oil filter and oil
 Aeroshell sport plus 4. Inspected magnetic plug and oil filter. Friction torque found to be 480 in lbs. AD's checked
 through biweekly 2020-05. AD compliance report in aircraft records. Aircraft run check okay. "I certify this aircraft has
 been inspected on 13 March 2020 iaw manufacturer's maintenance and inspection procedures, and was found to be
 in a condition for safe operation. Pertinent details on file at this facility under 50-11844."

Rocky Mountain Aircraft Services

STEVEN KRESEK

Signed Steven Kressek A&P# 3813796 Date 13 MARCH 2020

Änderungsstand / Modification record

Lufttüchtigkeitsanweisung bzw. Änderung:
Airworthiness directive or modification:

Ges. Std.:
TSN:

Datum:
Date: Unterschrift
Signature &

Engine ROTAX 912 ULS 2 S/N 6.784.081 Date 09/14/2016 Hobbs 52.0 TTE 52.0
Changed oil filter P/N 825-012 & Aeroshell sport + 4 oil. Inspected Magnetic plug and oil filter. Synchronized carburetors. Engine was run and checked for leaks. Returned engine to service.
RFSC 30002180522-1531 *Rex Johnson* AP 2712583 REX JOHNSON

Engine ROTAX 912 ULS 2 S/N 6.784.081 Date 01/23/2017 Hobbs 94.0 TTE 94.0
Engine was inspected during an aircraft annual conditional inspection. Inspected spark plugs. Changed oil filter & oil Aeroshell sport plus 4. Inspected Magnetic plug and oil filter. Inspected right and left float chambers P/N 963-172 / 963-174. Right floats 6 grams and left floats 6 grams. Friction torque 432 in. lbs. Compression check 80-80-80-80/80. Synchronized carburetors. Engine was run and checked for leaks. I have inspected this engine and found it to be in a condition for safe operation.
RFSC140001130929-02 *Rex Johnson* AP 2712583 REX JOHNSON

Elite Aircraft Service

N924RD

Hour Meter: 149.5 Hrs.

June 2, 2017

*Changed oil and filter, installed an AA825706 oil filter and serviced engine with 3 liters AeroShell Sport Plus 4 oil. Washed engine as necessary, checked chip detector; normal, cut old oil filter; normal and leak check good.
*M. Rowell A&P/IA 3038853 *M. Rowell*

Änderungsstand / Modification record

Lufttüchtigkeitsanweisung bzw. Änderung:
Airworthiness directive or modification:

Ges. Std.:
TSN:

Datum:
Date: Unterschrift & LFZ W. Nr.:
Signature & Licence no.:

Engine ROTAX 912 ULS 2 S/N 6.784.081 Date 09/25/2017 Hobbs 196.0 TTE 196.0
Changed oil filter P/N 825-012 & Aeroshell sport + 4 oil. Inspected Magnetic plug and oil filter. Cleaned air filter. Synchronized carburetors. Engine was run and checked for leaks. Returned engine to service.
RFSC 30002180522-1531 *Rex Johnson* AP 2712583 REX JOHNSON

Engine ROTAX 912 ULS 2 S/N 6.784.081 Date 02/02/2018 Hobbs 217.0 TTE 217.0
Engine was inspected during an aircraft annual conditional inspection. Replaced spark plugs. Changed oil filter & oil Aeroshell sport plus 4. Inspected Magnetic plug and oil filter. Inspected floats and replaced right floats, Right floats 6 grams and left floats 6 grams. Friction torque 456 in. lbs. Compression check 79-79-79-79/80. Synchronized carburetors. Engine was run and checked for leaks. I have inspected this engine and found it to be in a condition for safe operation.
RFSC140001130929-02 *Rex Johnson* AP 2712583 REX JOHNSON

Elite Aircraft Service

N924RD

May 18, 2018

Hour Meter: 257.4 Hrs.

*Changed oil and filter, installed a AA8325706 filter and serviced engine with 3 liters AeroShell Sport Plus 4 oil. Washed engine as necessary, checked chip detector. Cut old filter, contents normal, leak check good.

*M. Rowell A&P/IA 3038853 *M. Rowell*

Änderungsstand / Modification record

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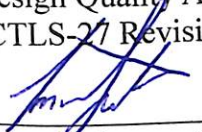
Lufttüchtigkeitsanweisung bzw. Änderung:
Airworthiness directive or modification:

Ges. Std.:
TSN:

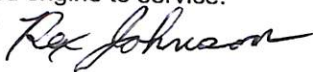
Datum: Unterschrift & LFZ W. Nr.:
Date: Signature & Licence no.:

04/23/2016 Aircraft TT: 2.8 Engine Time in Service: 2.8

This **Rotax 912 ULS**, Serial # **6.784.081**, has been installed on a factory-built **Flight Design GMBH**, CTLS, Serial# **F-16-01-51, N924RD** aircraft by the Flight Design factory. A **Neuform** 3-blade propeller, Hub Serial# 1159, Model CR3-65-47-101.6 was also installed, torqued, and safetied by the Flight Design factory. This engine was run up and all systems were leak and function checked and found to be good by the Flight Design factory. This engine has been inspected and found to be in a condition for safe operation and suitable for flight as per the Flight Design Quality Assurance manual (naming specifically Tom Gutmann) as well as the SI-ASTM -CTLS-27 Revision 00 dated 01/2013-----


Tom Gutmann (President of Airtime Aviation Inc.)(Mfg. Authorized Technical Staff Member)

Engine ROTAX 912 ULS 2 S/N 6.784.081 Date 07/20/2016 Hobbs 25.0 TTE 25.0
Engine was inspected during a 25Hr. Rotax inspection. Inspected spark plugs. Changed oil filter
P&N 825-012 & Aeroshell sport + 4 oil. Inspected Magnetic plug and oil filter. Synchronized carburetors.
Compression check 80-80-80-80/80. Friction torque 504 in. lbs. Cleaned air filter. Engine was run and
checked for leaks. Returned engine to service.
RFSC 30002180522-1531



AP 2712583 REX JOHNSON

Motor-Logbuch Nr.:
Engine Log Book:
für Kolbenmotor
for piston engine
Baumuster:
Type of engine:
Baureihe:
Model:
Motor-Nr.:
Engine serial no.:
Hersteller: *BRP-Powertrain GmbH & CO KG.*
Manufacturer: *A-4623 Gunskirchen, Austria*
Baujahr:
Year of manufacture:
Kennblatt:
Data sheet:

Startleistung:	kW	zul. Dauer:	min.	bei:	min⁻¹
<i>Take off power :</i>	<i>kW</i>	<i>perm. duration:</i>	<i>min.</i>	<i>at:</i>	<i>r.p.m.</i>
Max. zul. Dauerleistung:	kW	bei:	min⁻¹		
<i>Max. cont. power:</i>	<i>kW</i>	<i>at:</i>	<i>r.p.m.</i>		

Der oben bezeichnete Motor ist als betriebstüchtig anzusehen, wenn er gemäß der Zivilluftfahrzeug- und Luftfahrtgerät-Verordnung, letztgültige Ausgabe und den Betriebs- und Wartungsanweisungen entsprechend betrieben und gewartet wird.

The above mentioned engine is considered to be operationally reliable if operated and maintained in accordance with the Zivilluftfahrzeug- und Luftfahrtgerät-Verordnung, current issue and the pertinent operational and maintenance instructions.

Bemerkungen:
Remarks:
Datum:
Date:
Unterschrift:
Signature: