

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.:

A large, empty rectangular box with a thin black border, intended for the user to write in the engine's serial number.

Motor-Logbuch Nr.:
Engine Log Book: _____

für Kolbenmotor
for piston engine

Baumuster:
 Type of engine: **912 ULS**

Baureihe:
 Model: **ROTAX**

Hersteller:
 Manufacturer: **BRP-Powertrain GmbH & CO KG.**
A-4623 Gunskirchen, Austria

Engine Serial Number: **6 782 361**

Year of Manufacture: **2014**

Kennblatt:
 Data sheet:

Startleistung: <i>Take off power :</i>	kW kW	zul. Dauer: <i>perm. duration:</i>	min. <i>min.</i>	bei: <i>at:</i>	min^{-1} <i>r.p.m.</i>
---	----------	---------------------------------------	---------------------	--------------------	------------------------------------

Max. zul. Dauerleistung: <i>Max. cont. power:</i>	kW kW	bei: <i>at:</i>	min^{-1} <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:

Motor Ein- und Ausbau Übersicht / Engine installation record

2

Luftfahrzeug: Aircraft:	Datum: Date:		Betriebsstunden Engine hours:		Unterschrift & LFZ. Wart Nr.: Signature & Licence no.:
Kennz.: Registr.:	Type: type:	Einbau: in:	Ausbau: out:	Gesamt: TSN	seit letzter GÜ.: TSO



US SPORT AIRCRAFT 4700 AIRPORT
PARKWAY ADDISON, TX 75001
www.USSPORTAIRCRAFT.COM • 972.735.9099

Engine Total Time Since new 0.0

Aircraft Total Time Since new: 1221.8

N422PS

S/N: P1001010

03.08.2014

Performed Condition/100 hour inspection in accordance with Rotax Maintenance Manual. Removed Engine Serial Number 6 775 923 from aircraft. Installed new Rotax engine serial number 6 782 361 in accordance with Rotax Installation Manual and Piper Sport Maintenance manual. Serviced with 4 liters of AeroShell Sport 4 plus oil. Cleaned and serviced air filter. I certify that this aircraft has been inspected in accordance with the Rotax Maintenance Maintenance Manual condition inspection and is found to be in airworthy condition only for the repair/service above.

Patrick N. Arnzen A&P 2721172

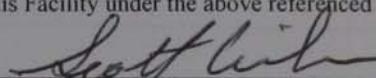
10

Datum
Date:Model: Piper Sport
S/N: P1001010
Reg# N422PSModel: Rotax 912- ULS
S/N: 6-782-361Tach: 1737.4
TTE: 515.6

C/W 100 HR/Condition inspection IAW Rotax Maintenance Manual. Performed Compression Test. 1)143, 2)136, 3)140, 4)135. Changed Oil and filter. Added Liters Aeroshell Sport 4 Plus oil. Replaced Oil filter 825-012. Repaired leaking coolant line left side at radiator. Replaced broken safety wire on all exhaust springs. All AD's are current, see AD list. Performed routine maintenance and servicing. Run up, ops and leak checks good. I certify that this **engine** has been inspected in accordance with a **100 HR** inspection and found to be airworthy this date.

The aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service. Pertinent details of the repair(s) are on file at this Facility under the above referenced Work Order.

Inspector:



Scott Wilson A&P3142227

Date: April 27, 2017

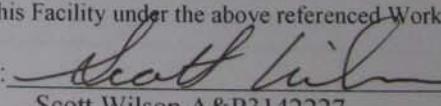
Model: Piper Sport
S/N: P1001010
Reg# N422PSModel: Rotax 912- ULS
S/N: 6-782-361Tach: ~~1737.4~~ 1836.6
TTE: 614.8

C/W 100 HR/Condition inspection IAW Rotax Maintenance Manual. Changed Oil and filter. Added Liters Aeroshell Sport 4 Plus oil. Replaced Oil filter 825-012. Removed Carburetors, Inspected, Weighed floats and found to be within limits. Left 5.5 g, right 5.6 g. reinstalled carburetors with new gaskets. Ran engine and synchronized carburetors. No leaks were found, ops check good. All AD's are current, see AD list. Performed routine maintenance and servicing. Run up, ops and leak checks good. I certify that this **engine** has been inspected in accordance with a **100 HR** inspection and found to be airworthy this date.

The aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service. Pertinent details of the repair(s) are on file at this Facility under the above referenced Work Order.

Date: July 20, 2017

Inspector:

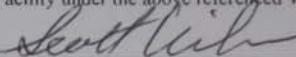


Scott Wilson A&P3142227

Model: Piper Sport S/N: P1001010 Reg# N422PS	Model: Rotax 912- ULS S/N: 6-782-361	Tach: 1920.1 TTE: 698.3
Betriebsstunden: Engine hours:	Durchgeföhrte Arbeit: Work performed:	

Replaced Fuel Pump P/N 893115. Replaced right throttle cable. Re secured cable housing with heat shrink and safety wired. Adjusted throttle cables. Synchronized carburetors IAW Rotax 912 LMM chapter 12-20-00. Ops check good.

The aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service. Pertinent details of the repair(s) are on file at this Facility under the above referenced Work Order.

Inspector: 

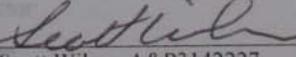
Scott Wilson A&P3142227

Date: August 18, 2017

Model: Piper Sport S/N: P1001010 Reg# N422PS	Model: Rotax 912- ULS S/N: 6-782-361	Tach: 1935.8 TTE: 714.0
--	---	----------------------------

C/W **100 HR**/Condition inspection IAW Rotax Maintenance Manual. Changed Oil and filter. Added Liters Aeroshell Sport 4 Plus oil. Replaced Oil filter 825-012. Compressions 1)83/87, 2)77/87, 3)82/87, 4)81/87. Replaced all 8 spark plugs P/N DCPR8E. Ran engine and synchronized carburetors. No leaks were found, ops check good. All AD's are current, see AD list. Performed routine maintenance and servicing. I certify that this **engine** has been inspected in accordance with a **100 HR** inspection and found to be airworthy this date.

The aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service. Pertinent details of the repair(s) are on file at this Facility under the above referenced Work Order.

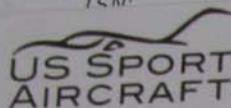
Inspector: 

Scott Wilson A&P3142227

Date: August 29, 2017

terschrift &
Z. Wart. Nr.:
Signature &
cense no.:

Wartungsübersicht / Maintenance record

Datum:
Date:Betriebsstunden:
Engine hours:
Gesamt:
Total:
seit letzter GÜ:
TCO:Durchgeführte Arbeiten:
Work performed:Unterschrift &
LFZ Wart Nr.:
Signature &
Licence no.:

US Sport Aircraft 4700 Airport
Parkway Addison, TX 75001
www.ussportaircraft.com • 972.735.9099

N422PS PiperSport S/N: P1001010
Aircraft Total Time Since new: 1994.4

11/18/2017

Performed 100Hr Inspection in reference to the Rotax Maintenance Manual. Drained oil, cleaned air filter, replaced Rotax filter with P/N 825-012, serviced with 3 liters of AeroShell Sport 4 plus oil. Performed compression check Cylinder #1 78/80 #2 79/80 #3 78/80 #4 76/80. Cleaned and serviced air filter. Cleaned engine and performed engine run-up and leak check. I certify that this engine has been inspected/repaired on 11/18/17 in reference to the Rotax Maintenance Manual 100 hour inspection and is found to be in safe condition only for the repair/service above.

Potya Ighani A&P 3805008



US Sport Aircraft 4700 Airport
Parkway Addison, TX 75001
www.ussportaircraft.com • 972.735.9099

N422PS PiperSport S/N: P1001010
Aircraft Total Time Since new: 2031.7
1/26/2018

Performed oil change in reference with the Rotax Maintenance Manual. Drained oil, replaced Rotax filter with P/N 825-012, serviced with 3 liters of AeroShell Sport 4 plus oil. Engine was test run and leak checked; none noted. I certify that this engine has been inspected on 1/26/2018 in reference with the Rotax Maintenance Manual condition inspection and is found to be in safe condition only for the repair/service above.

Lawrence August Popp A&P 1443231