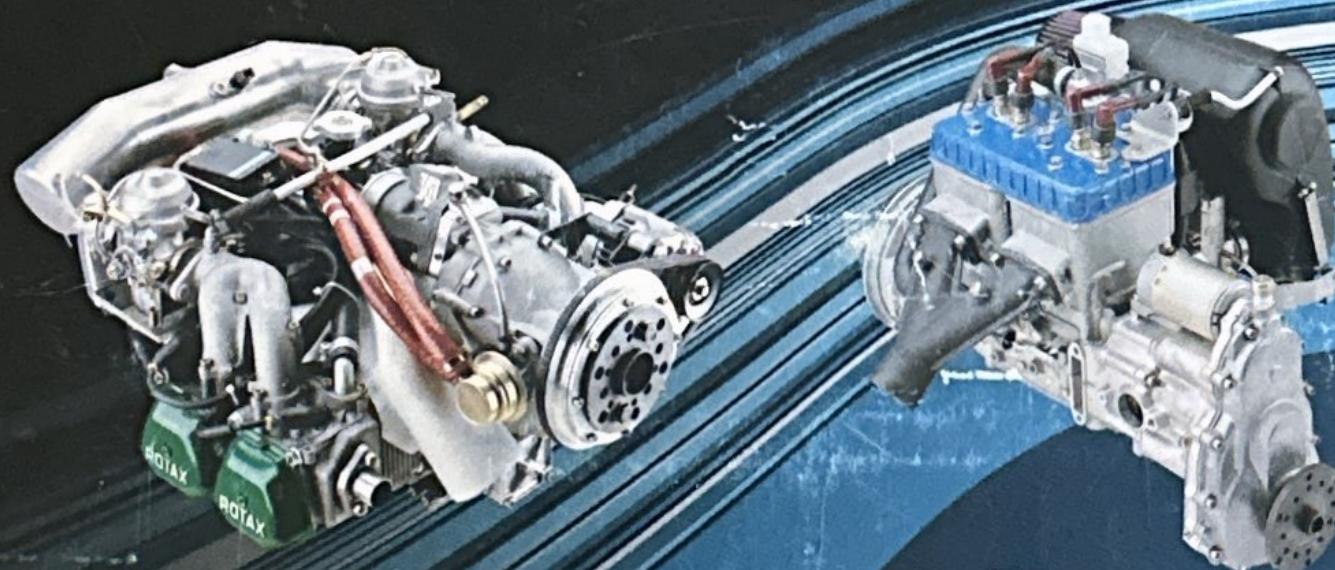




# MOTOR LOGBUCH ENGINE LOG BOOK



picture  
**ROTAX® 912 ULS 3** with options

picture  
**ROTAX® 582 UL DCDI** with options

Ausgabe Edition: 2009-06-01

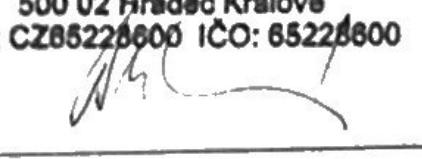
Teile-Nr. / part no.: 898020

Nr. / no.:

**TE 76992**

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Engine log book: Motorová kniha číslo: TE 76992		for piston engines pro pístové motory		
Typ motoru: Type of engine:	912	Provedení: Model:	ULS	
Výrobce: Manufacturer:	Bombardier Rotax GmbH A-4623 Gunskirchen, Austria		Výr. číslo motoru Engine serial no.	
		Rok výroby : Year of manufacture:		
		2010		
Data sheet: not applicable				
Startovní výkon : Take of power:	73,5 / 100 kW/hp	v délce: perm.duration:	5 min.	při : 5 800 1/min at : r.p.m.
Max. trvalý výkon : Max. const. power:	69 / 95 kW/hp	při : 5 500 1/min. at : r.p.m.		
Der oben bezeichnete Motor ist als betriebstüchtig anzusehen, wenn er gemäß der Zivilluftfahrtzeug- und Luftfahrtgeräts-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 Zivilluftfahrtzeug- und Luftfahrtgeräts-Verordnung, current issue and the pertinent operational and maintenance instructions.				
Výše uvedený motor je považován za způsobilý k dalšímu provozu za předpokladu, že je provozován a udržován podle Návodu k použití motoru a Příručky pro údržbu motoru.				
Poznámky: Remarks:	s prokluzovou spojkou / with slipper clutch			
Datum : Date:	2010 08 27		Podpis : Signature :	
TEVESO, s.r.o. Škroupova 441 500 02 Hradec Králové DIČ: CZ85228000 IČO: 6522180				

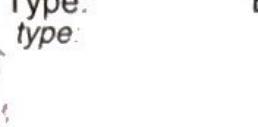
2

**Motor Ein- und Ausbau Übersicht / Engine installation record**

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	
0.0			
NEW			
			
PIPER SPORT 2010-10-18			

3

**Motor Ein- und Ausbau Übersicht / Engine installation record**

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	
			

## Wartungsübersicht / Maintenance record

Datum  
DateGesamt:  
TSNBetriebsstunden:  
Engine hours

seit letzter GÜ:

Durchgeführte Arbeiten:  
Work performedseit letzter GÜ:  
TSOUnterschrift &  
LFZ Wart Nr.:  
Signature &  
Licence no:

2012-10-18

0.0

NEW

Filled engine oil AEROSHELL OIL SPORT PLUS 4

Filled coolant VIP ANTIFREEZE C (VW TL 744C-G11)  
+ WATER, mixture ratio 50 50

/

/

/

/

/

/

/

/

Certificates that the Purging of Lubrication  
System has been accomplished  
in Accordance with SI-912-018US SPORT AIRCRAFT 4700 AIRPORT  
PARKWAY ADDISON, TX 75001  
TEL: 972.735.9099

N152PS Aircraft S/N 1001066

Hobbs 24.3

Performed 25 hour/Conditional inspection in accordance with the Rotax Maintenance Manual. Serviced  
engine with 3 liters of AeroShell Sport 4+ oil and new genuine Rotax filter. No contaminants found. Test  
ran engine no leaks found.I certify that this engine has been inspected and/or repaired in accordance with the current regulations of  
the Federal Aviation Administration and is approved for return to service only for the work performed  
above.Patrick Arnzen A&P 2721172  
3.24.2012

## Wartungsübersicht / Maintenance record

Datum:  
Date:Gesamt:  
TSNBetriebsstunden:  
Engine hoursDurchgeführte Arbeiten:  
Work performedseit letzter GÜ:  
TSOUnterschrift &  
LFZ Wart Nr.:  
Signature &  
Licence no:

  
US SPORT AIRCRAFT 4700 AIRPORT  
PARKWAY ADDISON, TX 75001  
TEL: 972.735.9099

N152PS Aircraft S/N 1001066

Hobbs 49.4

Performed 50 hour/Conditional inspection in accordance with the Rotax Maintenance Manual. Serviced  
engine with 3 liters of AeroShell Sport 4+ oil and new genuine Rotax filter. No contaminants found. Test  
ran engine no leaks found.I certify that this engine has been inspected and/or repaired in accordance with the current regulations of  
the Federal Aviation Administration and is approved for return to service only for the work performed  
above.Patrick Arnzen A&P 2721172  
4.8.2012



  
US SPORT AIRCRAFT 4700 AIRPORT  
PARKWAY ADDISON, TX 75001  
TEL: 972.735.9099

N152PS Aircraft S/N 1001066

Hobbs 98.8

Performed 100/Conditional inspection in accordance with the Rotax Maintenance Manual. Serviced  
engine with 3 liters of AeroShell Sport 4+ oil and new genuine Rotax filter. No contaminants found. Test  
ran engine no leaks found.I certify that this engine has been inspected and/or repaired in accordance with the current regulations of  
the Federal Aviation Administration and is approved for return to service only for the work performed  
above.Patrick Arnzen A&P 2721172  
5.4.2012

## Wartungsübersicht / Maintenance record

Datum:  
DateBetriebsstunden:  
Engine hours  
Gesamt:  
TSNDurchgeführte Arbeiten:  
Work performed  
seit letzter GU:  
TSOUnterschrift &  
LFZ Wart Nr.:  
Signature &  
Licence no.Patrick Arnzen A&P 2721172  
6.3.2012US SPORT AIRCRAFT 4700 AIRPORT  
PARKWAY ADDISON, TX 75001

TEL: 972.735.9099

N152PS Aircraft S/N 1001066

Hobbs 198.6

Performed 100/Conditional inspection in accordance with the Rotax Maintenance Manual. Serviced engine with 3 liters of AeroShell Sport 4+ oil and new genuine Rotax filter. No contaminants found. Test ran engine no leaks found.

I certify that this engine has been inspected and/or repaired in accordance with the current regulations of the Federal Aviation Administration and is approved for return to service only for the work performed above.

Patrick Arnzen A&P 2721172  
6.3.2012

## Wartungsübersicht / Maintenance record

Datum:  
DateBetriebsstunden:  
Engine hours  
Gesamt:  
TSNDurchgeführte Arbeiten:  
Work performed  
seit letzter GU:  
TSOUnterschrift &  
LFZ Wart Nr.:  
Signature &  
Licence no.US SPORT AIRCRAFT 4700 AIRPORT  
PARKWAY ADDISON, TX 75001

TEL: 972.735.9099

N152PS Aircraft S/N P1001066

Hobbs 297.8

Performed 100/Conditional inspection in accordance with the Rotax Maintenance Manual. Serviced engine with 3 liters of AeroShell Sport 4+ oil and new genuine Rotax filter. No contaminants found. Test ran engine no leaks found. Replaced failed Oil Pressure sending unit with new unit.

I certify that this engine has been inspected and/or repaired in accordance with the current regulations of the Federal Aviation Administration and is approved for return to service only for the work performed above.

Patrick Arnzen A&P 2721172  
7.14.2012

## Wartungsübersicht / Maintenance record

Datum:  
Date:Betriebsstunden:  
Engine hours / cycles  
Gesamt:  
TSNDurchgeführte Arbeiten:  
Work performed  
seit letzter GU:  
TSOUnterschrift &  
LFZ Wart Nr.:  
Signature &  
Licence no.

**US SPORT AIRCRAFT 4700 AIRPORT**  
 PARKWAY ADDISON, TX 75001  
 TEL: 972.735.9099  
 N152PS Aircraft S/N P1001066  
 Hobbs 397.8

Performed 100/Conditional inspection in accordance with the Sport Cruiser Maintenance Manual. All control functions checked and lubricated. This aircraft has been found to be in safe condition for flight. Complied with FAR 91.207 by inspection of ELT- Battery due 08.2015. I certify that this aircraft has been inspected and/or repaired in accordance with the current regulations of the Federal Aviation Administration and is approved for return to service only for the work performed above.

 Patrick N. Arnzen 2721172  
 08.16.2012



## Wartungsübersicht / Maintenance record

Datum:  
Date:Betriebsstunden:  
Engine hours / cycles  
Gesamt:  
TSNDurchgeführte Arbeiten:  
Work performed  
seit letzter GU:  
TSOUnterschrift &  
LFZ Wart Nr.:  
Signature &  
Licence no.

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 TEL: 972.735.9099  
 N152PS Aircraft S/N P1001066  
 Hobbs 496.9

Performed 100 hour/Conditional inspection in accordance with the Rotax Maintenance Manual. Serviced engine with 3 liters of AeroShell Sport 4+ oil and new genuine Rotax filter. No contaminants found. Test ran engine no leaks found. I certify that this engine has been inspected and/or repaired in accordance with the current regulations of the Federal Aviation Administration and is approved for return to service only for the work performed above.

 Patrick Arnzen A&P 2721172  
 9.21.2012


**US SPORT AIRCRAFT 4700 AIRPORT**  
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 TEL: 972.735.9099

 N152PS Aircraft S/N P1001066  
 Hobbs 595.8

Performed 100 hour/Conditional inspection in accordance with the Rotax Maintenance Manual. Serviced engine with 3 liters of AeroShell Sport 4+ oil and new genuine Rotax filter. Replaced spark plugs with new. No contaminants found. Test ran engine no leaks found. I certify that this engine has been inspected and/or repaired in accordance with the current regulations of the Federal Aviation Administration and is approved for return to service only for the work performed above.

 Patrick Arnzen A&P 2721172  
 10.24.2012

## Wartungsübersicht / Maintenance record

Datum:  
Date:Betriebsstunden:  
Engine hours  
Gesamt:  
TSN:Durchgeführte Arbeiten:  
Work performed  
seit letzter GU:  
TSO:Unterschrift &  
LFZ Wart Nr.:  
Signature &  
Licence no.

**US SPORT AIRCRAFT 4700 AIRPORT**  
**PARKWAY ADDISON, TX 75001**

TEL: 972.735.9099

N152PS Aircraft S/N P1001066

Hobbs 694.0

Performed 100 hour/Conditional inspection in accordance with the Rotax Maintenance Manual. Serviced engine with 3 liters of AeroShell Sport 4+ oil and new genuine Rotax filter. No contaminants found. Test ran engine no leaks found. I certify that this engine has been inspected and/or repaired in accordance with the current regulations of the Federal Aviation Administration and is approved for return to service only for the work performed above.

Patrick Arnzen A&P 2721172  
11.27.2012



## Wartungsübersicht / Maintenance record

Datum:  
Date:Betriebsstunden:  
Engine hours  
Gesamt:  
TSN:Durchgeführte Arbeiten:  
Work performed  
seit letzter GU:  
TSO:Unterschrift &  
LFZ Wart Nr.:  
Signature &  
Licence no.

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**PARKWAY ADDISON, TX 75001**  
[www.ussportaircraft.com](http://www.ussportaircraft.com) 972.735.9099

Engine Total Time Since new 793.2  
N152PS  
S/N: P1001066

Drained oil, replaced Rotax filter with new, serviced with 3 litres of AeroShell Sport 4 plus oil. Removed oil tank and cleaned. Cleaned and serviced air filter. Replaced exhaust springs with new. Replace exhaust shroud springs. Replaced Spark Plugs with new. Rebuilt left and right carburetor. Balanced carburetors. I certify that this aircraft has been inspected in accordance with the Rotax Maintenance Manual conditional inspection and is found to be in airworthy condition only for the repair/service above.

Patrick N. Arnzen A&P 2721172

## Wartungsübersicht / Maintenance record

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

Engine Total Time Since new 893.0  
N152PS  
S/N: P1001066  
04/12/2013

Drained oil, replaced Rotax filter with new, serviced with 3 liters of AeroShell Sport 4 plus oil. Cleaned and serviced air filter. Replaced Spark Plugs with new. Inspected right and left carburetor. Removed and reinstalled gear box for inspection. I certify that this aircraft has been inspected in accordance with the Rotax Maintenance Maintenance Manual conditional inspection and is found to be in airworthy condition only for the repair/service above.

Patrick N. Arnzen A&P 2721172

## Wartungsübersicht / Maintenance record

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

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Engine Total Time Since new 992.9  
N152PS  
S/N: P1001066  
05/16/2013

Drained oil, replaced Rotax filter with new, serviced with 3 liters of AeroShell Sport 4 plus oil. Cleaned and serviced air filter. Replaced Spark Plugs with new. Inspected right and left carburetor. Removed and reinstalled gear box for inspection. I certify that this aircraft has been inspected in accordance with the Rotax Maintenance Maintenance Manual conditional inspection and is found to be in airworthy condition only for the repair/service above.

Patrick N. Arnzen A&P 2721172



## Wartungsübersicht / Maintenance record

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


US Sport Aircraft 4700 Airport  
Parkway Addison, TX 75001  
[www.ussportaircraft.com](http://www.ussportaircraft.com) 972 735 9099

N152PS S/N. P1001066

Aircraft Total Time Since new: 1179.3

Engine Total Time Since new: 1179.3

10/20/2015

Performed Condition Inspection in reference to the Rotax Maintenance Manual. Drained oil. Performed 5 year rubber replacement of all fuel and oil lines with new. Replaced spark plugs with new. Cleaned and serviced air filter. Serviced with 3 liters of AeroShell Sport 4 plus oil. Serviced cooling system with DEXcool 50/50 coolant. Engine was test run and leak checked. I certify that this engine has been inspected on 10/20/15 in reference to the manufacturer's maintenance and inspection procedures and was found to be in condition for safe operation only for the repair/service above.

Michael C. Roberts A&amp;P 2824412

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

## Wartungsübersicht / Maintenance record

Datum:  
Date:Betriebsstunden:  
Engine hours / cycles:  
Gesamt:  
TSN:  
seit letzter GÜ:  
TSO:Durchgeführte Arbeiten:  
Work performed:Unterschrift &  
LFZ Wart Nr.:  
Signature &  
Licence no.:

10-25-2016 Eng TT 1201.6 Completed Annual / Cond. Inspection. Changed  
O.L / cleaned tank, Replaced F. lter. Checked magnetic plug and  
serviced with 3gts AeroShell Sport 4 plus. Checked compression.  
cleaned and serviced induction Air Filter. Replaced all spark  
plugs with NGK DCPR8E. I certify that this engine has been  
inspected in accordance with the Rotax Maintenance Manual  
and was found to be in condition for safe operation.  
DIRK Grenziger A&P 3502680 



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AIRCRAFT

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Parkway Addison, TX 75001  
[www.ussportaircraft.com](http://www.ussportaircraft.com) 972 735 9099

Engine Total Time Since new: 1208.6  
N152PS S/N: P1001066  
2/9/2017

Performed Condition Inspection in reference with the Rotax Maintenance Manual. No oil change  
needed at this time. Replaced overflow coolant hose. Engine was test run and leak checked.  
I certify that this engine has been inspected on 2/9/2017 in reference with the Rotax Maintenance  
Manual condition inspection and is found to be in safe condition only for the repair/service above.

Michael C. Roberts A&amp;P 2824412

## Wartungsübersicht / Maintenance record

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

6-10-17 Eng TSN 1233.6 changed oil and filter and Serviced

with 3 quarts AeroShell Sport 4 Plus.

Thomas Hutchings  
Thomas C Hutchings CFI 2776424/owner

7-30-17 Eng TSN 1262.2 changed oil and filter. Serviced with 3

quarts AeroShell sport plus 4. cleaned oil tank.

Thomas Hutchings  
Thomas C Hutchings CFI 2776424/owner9-7-17 Eng TT 1264.0 Removed and replaced mechanical fuel  
pump P/N 893115 S/N off 15.0850, S/N  
new 17.0897. Replaced fuel pressure  
sending unit. Ran engine and leak checked  
fuel components no leaks found. All work  
completed in accordance with the Rotax  
Maintenance Manual.W.K.Hale  
AFP 2216336

## Wartungsübersicht / Maintenance record

Datum:  
Date:Betriebsstunden:  
Engine hours:  
Gesamt:  
TSN:seit letzter GÜ:  
TSO:Durchgeführte Arbeiten:  
Work performed:Unterschrift &  
LFZ Wart Nr.:  
Signature &  
Licence no:11-10-17 Eng TT 1268.9 Replacement of oil filter for Rotax Eng type  
912i, 912 and 914 series (SB-912-071). S/N P1001466  
(N152PS) is equipped with Rotax Filter part #8315012, not  
part ref in SB-912-071. SB-912-071 is NA.Thomas C Hutchings  
Thomas C Hutchings CFI 2776424/owner11-15-17 Eng TT 1270.3 Installed Reiff Preheat Systems Engine Oil heater  
IAW Mfg installation instruction for ROTAX 912/914  
W.K.Hale  
AFP 221633610-12-18 Eng TSN 1286.8 changed oil and Rotax Filter. serviced  
with 3 quarts of AeroShell sport plus 4.  
Thomas Hutchings  
Thomas C Hutchings CFI 2776424/owner

## Wartungsübersicht / Maintenance record

Datum:  
Date:Betriebsstunden:  
Engine hours:  
Gesamt:  
TSN:seit letzter GU:  
TSO:Durchgeführte Arbeiten:  
Work performed:Unterschrift &  
LFZ Wart Nr.:  
Signature &  
Licence no.:

N152PS S/N: P1001066

6/06/2018

Aircraft Total Time: 1276.3 Engine Total Time: 1276.3

Condition Inspection: Changed engine oil and filter, serviced with AeroShell Sport Plus 4 oil. Replaced all spark plugs. Replaced all coolant hoses and serviced with new coolant. Compression Test: #1 86/87, #2 84/87, #3 85/87, #4 84/87. Checked for compliance of all SB. I certify that this aircraft has been inspected in accordance with the Rotax Line Maintenance Manual, section 05-20-00 and the Piper Sport Maintenance Manual, chapter 10 and was found to be in a condition for safe operation at this time.

Warren K Hale A&P #2216336

## Wartungsübersicht / Maintenance record

Datum:  
Date:N152PS S/N: P1001066  
AC total Time: 1294.9

8/3/2019

Eng Total Time: 1294.9

Condition Inspection: Changed engine oil and filter, serviced with AeroShell Sport Plus 4 oil. Replaced all spark plugs. Replaced all coolant hoses and serviced with new coolant. Compression Test: #1 86/87, #2 84/87, #3 85/87, #4 84/87. Checked for compliance of all SB.

I certify that this aircraft has been inspected in accordance with the Rotax Line Maintenance manual, section 05-20-00 and the Piper Sport Maintenance Manual, chapter 10 and was found to be in a condition for safe operation at this time.

Warren K Hale A&P #2216336

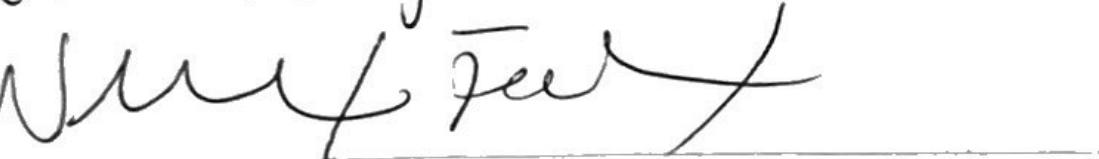
7-7-20 TT=1314.8 N152PS Replaced CHT Temperature sensor, M10 Thread 965531 per Rotax SI-912-02029-10NM Torque  
William F Snodgrass L5P2M-AFF3435178  
Ken J Reed

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

## Wartungsübersicht / Maintenance record

Datum:  
DateBetriebsstunden:  
Engine hoursGesamt:  
TSNDurchgeführte Arbeiten:  
Work performedUnterschrift &  
LFZ Wart Nr.:  
Signature &  
Licence no.

7-29-20 1315.6 N152PS Repaired CHT sensor  
wire. Spliced where cut.  
Replaced P/T at sensor.  
Tighten Dynon EMS - D120  
Plug Jacks  
William F. Snodgrass LSICM-A # 3435178



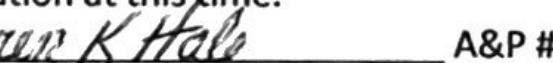
N152PS S/N: P1001066

10/01/2020

AC Total Time: 1318.0

Eng Total Time: 1318.0

Condition Inspection: No oil and filter change needed at this time. Replaced all spark plugs. Compression Test: #1 85/87, #2 84/87, #3 85/87, #4 83/87. Checked for compliance of all SB. I certify that this engine has been inspected in accordance with the Rotax Line Maintenance Manual, Chapter 10 and was found to be in a condition for safe operation at this time.



A&amp;P #2216336

## Wartungsübersicht / Maintenance record

Datum:  
Date

N152PS S/N: P1001066

10/24/2020

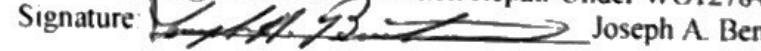
AC Total Time: 1319.0

Replaced all oil hoses, fuel hoses, induction hoses, carburetor sockets and diaphragms. Changed engine oil and filter. Serviced with 3 qts of AeroShell Sport Plus 4. Leak checked all systems, no leaks found. Work performed in reference to the manufactures maintenance manual and was found to be in condition for safe operation only for the repair and service above.

Warren K. Hale A&P #2216336

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

19-November-2020 N152PS 912ULS S/N 6776992 Hobbs: 1344.1  
Removed and installed new #3 Cylinder CHT Sensor P/N 965531 - OP's checked good. All work completed I/A/W Rotax M/M. Pertinent details can be found on file @ Lockwood Aviation Repair Under WO12784

Signature  Joseph A. Benton, A&P 3138153

1-March-2021 N152PS Czech Sport Piper Sport S/N P1001066 Hobbs: 1350.8 Supplied new 18AWG wire and terminated at Dynon EMS-D120 I/A/W manufacturer installation instructions. Added 1.2k ohm inline resistor and spliced at pins 4 and 22, removed existing wire and secured. Re-configured Dynon FMS-D120 sensor setup and performed operational checks.

All work completed I/A/W Piper Sport M/M. Pertinent details can be found on file @ Lockwood Aviation Repair Under WO12935

Signature  Thomas J. Smith, IRM1 #400813200828-3396

## Wartungsübersicht / Maintenance record

Datum:  
Date:Betriebsstunden:  
Engine hours:  
Gesamt  
TSN  
seit letzter GU:  
TSODurchgeführte Arbeiten:  
Work performed:Unterschrift &  
LFZ Wart Nr.:  
Signature &  
Licence no.

13-December-2021 N152PS 912ULS S/N 6776992 Hobbs 1470 7  
 C/W Annual/100 Hour Condition Inspection. Changed oil and filter. Cleaned oil tank installed new Rotax oil filter and serviced with Aeroshell Sport +4 oil - Leak checked OK. C/W Venting of the Oil System. C/W 200 Hour Spark Plug Connector Pull-off check - checked OK. Gapped, applied heat transfer paste, and installed 8 new DCPR8I spark plugs. Checked all Rotax Engine service bulletins for compliance. C/W Rotax 100 Hour Diff Compression Test, Results: Cyl 1: 78/80psi, Cyl 2: 78/80psi, Cyl 3: 74/80 psi, Cyl 4: 76/80psi. Removed & reinstalled carburetors to C/W Rotax 100 Hour Removal/Assembly of the two carburetors for carburetor inspection. C/W 200 Hour Carburetor Service Requirement per SI-912-021 Inspection of Carburetors. C/W Rotax Annual Carburetor Float Bowl Inspection. C/W Rotax 100 Hour checking of the ventilation of the float chambers - checked OK. C/W SB-912-074UL Inspection and / or replacement of carburetor floats - Replaced 4 floats with new. Replaced LT/RT carburetor vent lines with new

13-December-2021 N152PS 912ULS S/N 6776992 Hobbs: 1470 7  
 C/W Rotax 200 Hour Inspection of the carburetor sockets for damage and abnormalities - Checked OK. Secured expansion tank rubber pad with RTV and replaced expansion tank with new P/N 922666. Removed #3-cylinder top coolant line clamp and replaced with Rotax P/N 851645. Removed and installed new .041 safety wire on all exhaust springs and applied RTV silicone.  
 I certify this engine has been inspected I/A/W Rotax inspection and maintenance procedures and was found to be in a condition for safe operation. All work completed I/A/W Rotax M/M. Pertinent details can be found on file @ Lockwood Aviation Repair Under WOJ3352.

Signature

Travis Britt A&amp;P 4408967

24-February-2022 N152PS 912ULS S/N 6776992  
 Removed and replaced fuel pump with new P/N 893115 S/N 21 3573 and gasket.  
 All work completed I/A/W Rotax M/M

## Wartungsübersicht / Maintenance record

Datum:  
Date:Betriebsstunden:  
Engine hours:  
Gesamt  
TSN  
seit letzter GU:  
TSODurchgeführte Arbeiten:  
Work performed:Unterschrift &  
LFZ Wart Nr.:  
Signature &  
Licence no.

Date: 07/22/2022 Airframe: N152PS Piper Light Sport S/N: P1001066  
 Engine: Rotax 912 ULS, S/N: \_ Tach: 1542.3

Oil change: Replaced oil and filter. Oil: 3 liters of Aeroshell Sport +4. Filter: Rotax 825-016. Cut open old filter; no defects noted. Operational check and leak check were both good on the engine run.



Brian K. Deno, A&P, 3033885  
 D & B Aviation LLC -- Albany Municipal Airport -- PH: 541-990-2696

23-March-2023 N152PS 912ULS S/N 6776992 Hobbs 1605 2  
 C/W Annual/100 Hour Condition Inspection. Changed oil and filter. Cleaned oil tank installed new Rotax oil filter and serviced with Aeroshell Sport +4 oil - Leak checked OK. C/W Venting of the Oil System. Checked all Rotax Engine service bulletins for compliance. C/W Rotax 100 Hour Diff Compression Test, Results: Cyl 1: 76/80psi, Cyl 2: 76/80psi, Cyl 3: 76/80 psi, Cyl 4: 79/80psi. Gapped, applied heat transfer paste, and installed 8 new DCPR8E spark plugs. C/W 200 Hour Spark Plug Connector Pull-off check - Top spark plug boot on #1 cylinder weak @ pull-off check. Removed and installed new spark plug connector all spark plug connectors - checked OK. Installed one new exhaust spring, safety wired all exhaust springs and applied RTV silicone. Removed loose RH engine mounting bolts, applied loctite to threads, torqued to 30 ft lbs and re-safety wired. Installed soft start wiring connector for proper operation - OP's checked good. Removed and replaced left EGT with new - OP's checked good.

# MAINTENANCE RECORD CON'T

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## Austausch von Ausrüstungsteilen / Exchange of equipments

Teil / Bezeichnung & Werk N  
Part / name & serial no. 23-March-2023 N152PS 912ULS S/N 6776992 Hobbs. 1605.2  
1/3 - Carburetor S/N 102506, 2/4 Carburetor S/N 102616: C/W Rotax 100 Hour Removal/Assembly of the two carburetors for carburetor inspection. C/W 200 Hour Carburetor Service Requirement per SI-912-021 Inspection of Carburetors and 5-Yr Rubber Replacement Requirements - replaced diaphragms and float needle valves with new C/W SB912-073 / SB-914-055 Replacement of circlip (Carburetor) for Rotax Engine type 912 and 914 (series) Replaced circlips with new P/N 945786 Replaced fixation screw on carburetor s/n 102616 Replaced tension spring p/n 838242 with new on both carburetors C/W Rotax Annual Carburetor Float Bowl Inspection. C/W Rotax 100 Hour checking of the ventilation of the float chambers Replaced jet needle in 1/3 & 2/4 carburetors. Replaced needle jet in 2/4 carburetor S/N 102616. C/W 5-Year Rotax Rubber Component replacement. Removed and replaced all oil, coolant, and fuel hoses. Replaced intake o-ring and coolant elbow o-rings. Installed fire sleeve over all oil and fuel lines

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

23-March-2023 N152PS 912ULS S/N 6776992 Hobbs. 1605.2  
Removed ignition modules for bench testing. "A" Electronic ignition module OP's checked bad. "B" Electronic Ignition Module OP's checked good. Replaced "A" Electronic Ignition module with new P/N 965445 S/N 22.3232. Installed soft start wiring connector for proper operation - OP's checked good  
I certify this engine has been inspected I/A/W Rotax inspection and maintenance procedures and was found to be in a condition for safe operation.  
All work completed I/A/W Rotax M/M Pertinent details can be found on file @ Lockwood Aviation Repair Under WO13983  
Signature  Travis A. Britt, A&P 4408967

## Austausch von Ausrüstungsteilen / Exchange of equipments

37

Teil / Bezeichnung & Werk Nr.:  
Part / name & serial no.:

TW. Std.: Datum:  
Engine TSN: Date:

TW. Std.: Datum:  
Engine TSN: Date:

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

D & B Aviation LLC  
525 Aviation Way  
Albany OR 97322  
541-990-2696

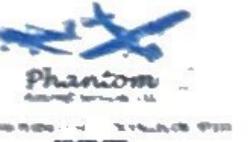
Make: CZA  
Model: Piper Sportcruiser  
Tail: N152PS  
S/N: P1001066

Hours: Tach/Hobbs 1670.5

Drained oil, replaced oil filter with new Rotax 825 016 filter, inspected magnetic plug, serviced with 3 liters of Aeroshell Sport Plus 4 Cut open the old oil filter for inspection. Removed all 8 spark plugs for inspection, gapped and installed 8 new DCPR8E spark plugs. Replaced the #1- and #4-cylinder rocker cover O-rings. Leak and operational checks were good for the maintenance performed. All maintenance was completed IAW the CZA AMM and ROTAX service manuals.

Signed:   
Name: Brian Deno

Cert: A&P 3033885 IA  
Date: 09/16/2023



N#: N152PS TACH: 1674.4 ETT: 1674.4 DATE: 5/6/2024  
 Model: 912 ULS S/N: 6-776-992

Completed 12-month Condition Inspection IAW the scope and details of FAR 43 Appendix D using 100 HR inspection checklist and Rotax MML-912 p/n: 899196. Compression Results: 1) 78/80 2) 77/80 3) 74/80 4) 74/80. Changed oil and filter. Installed a new Rotax oil filter and 3 liters of Aeroshell Sport 4 oil. Inspected oil filter element and no metal was found. Inspected, cleaned, and checked spark plug gaps. The exhaust muffler cracked where the #2 exhaust stack is attached to the muffler. Removed muffler and sent out for welding. Re-installed exhaust after repair with new nuts. Checked and re-torqued engine mount bolts. Installed new Induction air filter. Engine cleaned, ran up, and Carb. Sync. was checked with Carbmate. I certify that this Engine has been Inspected IAW with a 12-month Condition inspection and found in a condition for safe operation.

W/O: 24-0557

  
 Rick Brisby AP3101824IA

## Austausch von Ausrüstungsteilen / Exchange of equipments

Teil / Bezeichnung & Werk Nr.:  
 Part / name & serial no.:

Einbau:  
 In:

TW. Std.:  
 Engine TSN:

Datum:  
 Date:

Ausbau:  
 Out:

TW. Std.:  
 Engine TSN:

Datum:  
 Date:

Unterschrift:  
 LIZZ-Wart Nr.:  
 Signature &  
 License No.:



6 776 992

Motornummer / Engine serial no.

Flugzeugtype / Type of aircraft

Flugzeugkennzeichen / Aircraft registration no.

ROTAX® Vertriebspartner

ROTAX® authorized distributor

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