

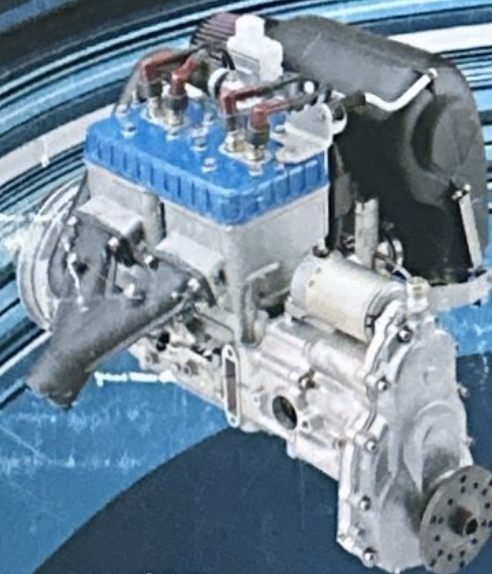


# MOTOR LOGBUCH

## 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

1

Typ motoru:

Type of engine:

912

Provedení:

Model:

ULS

Výr. číslo motoru

Engine serial no.

6 776 992

Výrobce:

Manufacturer:

Bombardier Rotax GmbH

A-4623 Gunskirchen, Austria

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 :

při :

5 800

1/min

r.p.m.

Max. trvalý výkon :

Max. const. power:

69 / 95

kW/hp

při :

at :

5 500

1/ min.

r.p.m.

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.

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: CZ85228600 IČO: 65228600

Motor Ein- und Ausbau Übersicht / Engine installation record

Kennz.: Registr.	Luftfahrzeug: Aircraft	Type: type	Einbau: in	Ausbau: out	Gesamt: TSN	Engine hours: seit letzter GÜ: TSO
	PIPER SPORT	2010-10-18	/		0.0	NEW

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

01



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

Luftfahrzeug: *Aircraft:*      Datum: *Date:*      Betriebsstunden: *Engine hours*  
 Kennz.: *Registr.*      Type: *type:*      Einbau: *in:*      Ausbau: *out:*      Gesamt: *TSN:*      seit letzter GÜ.: *TSO*



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## Wartungsübersicht / Maintenance record

Datum Date	Betriebsstunden: Engine hours	Durchgeführte Arbeiten: Work performed	Unterschrift & LFZ Wart Nr.: Signature & Licence no.:
	Gesamt: TSN	seit letzter GÜ: TSO	
2010-10-18	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	
/	/		
/	/	Certifies that the <b>Purging of Lubrication</b>	
/	/	<b>System</b> has been accomplished in Accordance with SI-912-018	
/	/		



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TEL: 972.735.9099

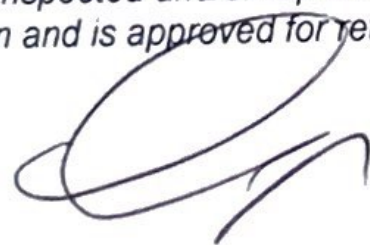
N152PS Aircraft S/N 1001066

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



15

## Wartungsübersicht / Maintenance record

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



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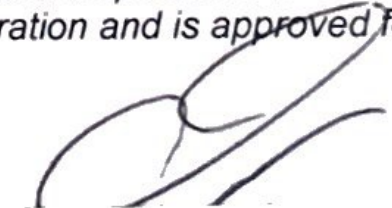
N152PS Aircraft S/N 1001066

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




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TEL: 972.735.9099

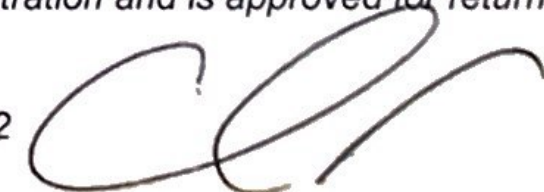
N152PS Aircraft S/N 1001066

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 hoursDurchgeführte Arbeiten:  
Work performedUnterschrift &  
LFZ Wart Nr.:  
Signature &  
Licence no:Gesamt:  
TSNseit letzter GÜ.:  
TSOPatrick 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 hoursDurchgeführte Arbeiten:  
Work performedUnterschrift &  
LFZ Wart Nr.:  
Signature &  
Licence no:Gesamt:  
TSNseit letzter GÜ.:  
TSOUS 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 / cyclesDurchgeführte Arbeiten:  
Work performedUnterschrift &  
LFZ Wart Nr.:  
Signature &  
Licence no.:Gesamt: seit letzter GÜ:  
TSN TSOUS SPORT AIRCRAFT 4700 AIRPORT  
PARKWAY ADDISON, TX 75001  
TEL: 972.735.9099N152PS 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

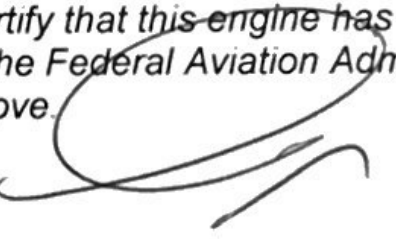


## Wartungsübersicht / Maintenance record

Datum:  
Date:Betriebsstunden:  
Engine hours / cyclesDurchgeführte Arbeiten:  
Work performedUnterschrift &  
LFZ Wart Nr.:  
Signature &  
Licence no.:Gesamt: seit letzter GÜ:  
TSN TSOUS SPORT AIRCRAFT 4700 AIRPORT  
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TEL: 972.735.9099N152PS 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


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TEL: 972.735.9099N152PS 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 hoursDurchgeführte Arbeiten:  
Work performedUnterschrift &  
LFZ Wart Nr.:  
Signature &  
Licence no.:Gesamt:  
TSN:seit letzter GÜ.:  
TSO:

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

03/01/2013



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

Drained oil, replaced Rotax filter with new, serviced with 3 liters 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



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## Wartungsübersicht / Maintenance record

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


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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. 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

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## Wartungsübersicht / Maintenance record

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


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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 Manual conditional inspection and is found to be in airworthy condition only for the repair/service above.

Patrick N. Arnzen A&P 2721172



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## Wartungsü



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Datum:  
Date:

Betriebsstunden:  
Engine hours:

Gesamt:  
TSN:

seit letzter GÜ:  
TSO:

Engine Total Time Since new 1080.8  
N152PS  
S/N: P1001066  
06/20/2013

Drained oil, replaced Rotax filter with new, serviced with 3 liters of AeroShell Sport 4 plus oil. Cleaned and serviced air filter. Replace exhaust shroud springs with new. Balanced carburetors. Replaced spark plugs with new. I certify that this aircraft has been inspected in accordance with the Rotax Maintenance Manual and is found to be in airworthy condition only for the repair/service above.

Patrick N. Arnzen A&P 2721172

END

5-29-2014 T1116.9 Removed 3 liters oil, serviced with 3 liters of AeroShell Sport 4 plus oil. *[Signature]* AP3503187

## Wartungsübersicht / Maintenance record

25

Datum:  
Date:

Betriebsstunden:  
Engine hours:

Gesamt:  
TSN:

seit letzter GÜ:  
TSO:

Durchgeführte Arbeiten:  
Work performed:

Unterschrift &  
LFZ Wart Nr.  
Signature &  
Licence no.

7-11-14 ETT 1121.3 Completed Inspection. Changed Oil And Filter. Cleaned Magnetic Drain Plug. Checked Compression. Serviced with AeroShell Sport 4 Plus Oil 3 liters. Cleaned Induction Air Filter. I certify that this engine has been inspected in accordance with Rotax Maintenance Manual and was found to be in condition for safe operation.

*Dale Faulkner A&P1993252*

8-06-15 ETT 1168.3 Completed Inspection. Changed Oil And Filter. Cleaned Oil Tank. Cleaned Magnetic Drain Plug. Serviced with AeroShell Sport Plus 4 Oil 3 liters. Cleaned And Serviced Induction Air Filter. Replaced All Sparkplugs with DCPRRE. NKG. Checked Compression. I certify that this engine has been inspected in accordance with Rotax Maintenance Manual and was found to be in condition for safe operation.

*Dale Faulkner A&P1993252*

## Wartungsübersicht / Maintenance record

Datum:  
Date:Betriebsstunden:  
Engine hours:Durchgeführte Arbeiten:  
Work performed:Unterschrift &  
LFZ Wart Nr.:  
Signature &  
Licence no.:Gesamt:  
TSN.seit letzter GÜ.:  
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N152PS PS

N1738P 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

## Wartungsübersicht / Maintenance record

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

10-25-2016 Eng TT 1201.6 Completed Annual / Condition Inspection. Changed Oil / cleaned tank, Replaced Filter. 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 Brenneke A&P 3502680

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

6-10-17 Eng TT 1233.6 changed oil and filter and serviced with 3 quarts Aeroshell sport 4 Plus.  
 Thomas Hutchings  
 Thom C Hutchings CFI 2776424/owner

7-30-17 Eng TISN 1262.2 changed oil and filter. Serviced with 3 quarts Aeroshell sport plus 4. cleaned oil Tank.  
 Thomas Hutchings  
 Thom C Hutchings CFI 2776424/owner

9-7-17 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.

WK Hale  
 AEP 2216336

## Wartungsübersicht / Maintenance record

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

11-10-17 Eng TT 1268.9 Replacement of oil filter for Rotax Eng Type 912i, 912 and 914 series (SB-912-071). SIN P1001066 (N152PS) is equipped with Rotax Filter part #815012, not part ref in SB-912-071. SB-912-071 is NA.  
 Thomas C Hutchings  
 Thom C Hutchings CFI 2776424/owner

11-15-17 Eng TT 1270.3 Installed Reiff Preheat Systems Engine Oil heater  
 IAW Mfg installation instruction for ROTAX 912/914  
 WK Hale  
 AEP 2216336

10-12-18 Eng TISN 1286.8 changed oil and Rotax Filter. serviced with 3 quarts of Aeroshell sport plus 4.  
 Thomas Hutchings  
 Thom C Hutchings CFI 2776424/owner

## 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.:

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.

Compression test: #1 86/87, #2 85/87, #3 86/87, #4 84/87.

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.

Warren K Hale A&P #2216336

## Wartungsübersicht / Maintenance record

Datum:  
Date:

N152PS S/N: P1001066

8/3/2019

AC total Time: 1294.9Eng 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 LSRM-A#3435178  
W F Snodgrass



## Wartungsübersicht / Maintenance record

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

7-29-20 TT= 1315.6 N152PS Repaired CHT Sensor wire. Spliced where cut. Replaced P/Jat Sensor. Tighten Dynon EMS-D120 Plug / Jacks

William F. Snodgrass LSIRMA # 3435178  


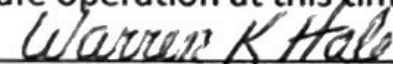
N152PS S/N: P1001066

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:

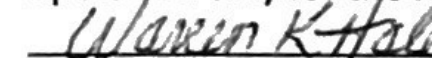
N152PS S/N: P1001066

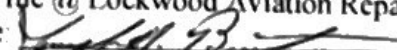
10/24/2020

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

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.

 A&P #2216336

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 12k ohm inline resistor and spliced at pins 4 and 22, removed existing wire and secured. Re-configured Dynon EMS-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

14-Mar-2021 N152PS 912ULS S/N 6776992 Hobbs: 1363.2  
 Changed oil and filter. Cleaned oil tank installed new Rotax oil filter and serviced with AeroShell Sport Plus 4 oil. Leak checked OK. C/W Venting of the Oil System. Gapped, applied heat transfer paste, and installed 8 new DC1981 spark plugs. All work completed I/A/W Rotax M/M. Pertinent details can be found on file @ Lockwood Aviation Repair Under WO13067  
 Signature:  Joseph A. Benton, A&P 3138153

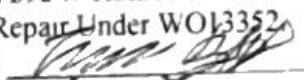
8/17/21 N152PS 912ULS 606776992  
 Hobbs: 1429.1 Changed oil and filter serviced with 3 liters of AeroShell Sport Plus 4 and new Rotax oil filter. Leak checked OK. All work completed I/A/W Rotax M/M.  
 Eng. Ryan. All work completed I/A/W Rotax M/M.  
 Brian Dens, A&P, 3033885

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## Wartungsübersicht / Maintenance record

Datum:  
DateBetriebsstunden:  
Engine hoursDurchgeführte Arbeiten:  
Work performedUnterschrift &  
LFZ Wart Nr.:  
Signature &  
Licence no.Gesamt  
TSNseit letzter GÜ.:  
TSO

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 DCPR8E 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: 74/80psi 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 WO13352  
Signature  Travis Britt A&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

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## Wartungsübersicht / Maintenance record

Datum:  
DateBetriebsstunden:  
Engine hoursDurchgeführte Arbeiten:  
Work performedUnterschrift &  
LFZ Wart Nr.:  
Signature &  
Licence no.Gesamt:  
TSNseit letzter GÜ.:  
TSO

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&amp;P, 3033885

D &amp; 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: 76/80psi 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 CONT

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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

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 Travis A. Britt, A&P 4408967

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

## Austausch von Ausrüstungsteilen / Exchange of equipments

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

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

Ausbau:  
Out: 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: CZAW  
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 CZAW AMM and ROTAX service  
manuals.

Signed: Brian Deno  
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.

*Rick Brisby*  
 Rick Brisby AP3101824IA

W/O. 24-0557

ift &  
 Nr.:  
 &  
 o

# 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 &  
 LFZ Wart Nr.:  
 Signature &  
 Licence 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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