

ROTAX
AIRCRAFT ENGINES

MOTOR LOGBUCH ENGINE LOG BOOK



picture
ROTAX * 912 ULS 3 with options



picture
ROTAX * 582 UL DCDI with options

Ausgabe Edition: 2009 06 01
Telle-Nr. / part no.: 8980210

Nr. / no.:

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Motor-Logbuch Nr.:

Engine Log Book:

N 187 SF

für Kolbenmotor

for piston engine

1

Baumuster:

Type of engine:

912

Baureihe:

Model:

ULS

Motor-Nr.:

Engine serial no.:

0779682

Hersteller:

Manufacturer:

BRP-Powertrain GmbH & CO KG.

A-4623 Gunkskirchen, Austria

Baujahr:

Year of manufacture:

Kennblatt:

Data sheet:

Startleistung:

Take off power:

kW

kW

zul. Dauer:

perm. duration:

min.

min.

bei:

at:

min⁻¹

r.p.m.

Max. zul. Dauerleistung:

Max. cont. power:

kW

kW

bei:

at:

min⁻¹

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.

Bemerkungen:

Remarks:

Datum:

Date:

Unterschrift:

Signature:

2

Motor Ein- und Ausbau Übersicht / Engine installation record

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Luftfahrzeug: <i>Aircraft:</i>		Datum: <i>Date:</i>		Betriebsstunden <i>Engine hours:</i>		Unterschrift & LFZ. Wart Nr.: <i>Signature & Licence no.:</i>
Kennz.: <i>Registr.:</i>	Type: <i>type:</i>	Einbau: <i>in:</i>	Ausbau: <i>out:</i>	Gesamt: <i>TSN</i>	seit letzter GÜ.: <i>TSO</i>	
	AIR SERVICES, INC.					
						
	CARROLLTON, GA. 30117					
	FAA Certified Repair Station Z4AR547Y					
	Engine Log Book Entry				12/10/2013	
	N187SF				AFTT: 1865.7	
					Engine Total: "0"	
	Installed new engine in N187SF; engine SN 6779682, Model 912ULS, serviced with 20W50 Pennzoil. Installed new propeller WoodComp – Klassic 170/3/R. Installed new oil cooler 3800D004. Performed run-ups. Adjusted propeller per manufacturer instructions. Replace choke cable. Set idle. Performance good no leaks noted. All bulletins complied with at manufacture. Perform 100 hour inspection per Rotax checklist 05-20-00. I certify this engine is in condition for safe operation. Detail on file under WO # 5130.					
	Repair Station NO. Z4AR547Y Sammy Berezna					
						

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SB-Stand und Änderungsstand / SB-Status and Modification record

Status der durchgeführten SB (Service Bulletin) bei 0-Stunden
Airworthiness directive or modification:

Datum:
Date:

Unterschrift & Pers. Nr.:
Signature & Licence no.:

11. 3274 00T
PERFORMED ASB 912-061 UL FUEL PUMP 893 114 11. 2574 1N
note: Conduct Test Run including ignition test, leakage test and Reinspect
float chamber for contamination

5/30/12

~~XXXXXXXXXX~~
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W
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Status der durchgeführten Änderungen bei 0-Stunden
Airworthiness directive or modification:

Datum:
Date:

Unterschrift & Pers. Nr.:
Signature & Licence no.:

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14		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:		
1/13/15	22.7		Ground run engine to warm oil. Drained	
	1888.4 Hobbs		oil & removed filter. Inspected magnetic	
			plug; plug appeared normal. Installed new	
			rotax oil filter. Serviced engine with	
			3 quarts Pennzil 20W50 motorcycle oil.	
			Ground run, leak check good	
			Easeh Richardson APP _____	

2/10/15	24.2		Replaced Rotax Air Cleaner P/N 825 711	
	1889.9 Hobbs		with K ³ N Air filter P/N RA-0660	
			and SCAT SCAT Hose-to. Filter machined	
			connector per distributor's instructions	
			_____ owner _____	

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16

Wartungsübersicht / Maintenance record

Datum:
Date:



Manufacturer: Rotax

Model: 912 ULS

S/N: 6779682

Tach: 1912.40

TSN: 46.70

N187SF

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

- 1) Complied with a Condition Inspection in accordance with 14 CFR § 43 Appendix D.
- 2) Complied with engine cylinder compression check results: #1: 80/80, #2: 80 /80, #3:80 /80, #4: 80/80.
- 3) Complied with SB research. All SB's complied with through this date.
- 4) Removed and replaced both left and right carburetor throttle cables. Re-rigged throttle cables. Performed carburetor mechanical and pneumatic synchronization. Operational check was good.

I certify that this Airframe has been inspected in accordance with FAR 43 appendix D condition inspection and was determined to be in airworthy condition.

Michael E Parker

A&P IA

Date: 11/24/2015

Engine Maintenance Record Entry



US Sport Aircraft

Addison, TX 75001

www.ussportaircraft.com

N187SF S/N: 08SC190

Aircraft Total Time Since new: 1920.7

Engine Total Time Since new: 55

1/10/2016

Performed Condition Inspection in reference to the Rotax Maintenance Manual. Drained oil, replaced Rotax filter P/N 825-012 with new, serviced with 3 liters of AeroShell Sport 4 plus oil. Replaced right radiator bracket. Replaced coolant overflow tank and hose with new. Serviced coolant reservoir with Dex Cool 50/50. Cleaned and serviced air filter. I certify that this engine has been inspected on 1/10/2016 in reference to the Rotax Maintenance Manual condition inspection and is found to be in safe condition only for the repair/service above.

Michael C. Roberts A&P

001582

N187SF

AIRCRAFT LOG



DATE	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility (See back pages for other specific entries.)
3 DEC 2014	1884.6	1884.6	Installed New Fuel Pressure Transducer. Ops & leak check good. <u>Frank Richardson APP</u>
10 Feb 2015	1889.9	1889.9	Installed K&N Air Filter PIN RA-0660 to replace Rotax PIN 825711 with machined filter to SKT. Hose connector per manufacturer's instructions.
Apr 15	1893.4	1893.4	Repaired fuel line between right tank and fuel selector pursuant to Part 43 App A with fuel line supplied by U.S. Sport Aircraft (Czech Sport Aircraft's U.S. distributor). Leak check and runup good. <u>[Redacted]</u>
			Replaced SCAT hose from air filter to airbox. <u>Runup satisfactory</u> <u>[Redacted]</u>
6 APR 2015			Removed and replaced fuel hose between right wing tank and fuel selector. Accomplished ref. Czech Sport Aircraft, a.s. letter of authorization dated



CZECH SPORT AIRCRAFT a.s.

Manufacturer's Authorization

Date: 04/06/2015

Subject: Czech Sport Aircraft, a.s.
SportCruiser Authorization

US Sport Aircraft,
authorizes:

Eeseh Richardson

Aircraft Serial Number: 08SC190

Aircraft Registration Number: N187SF

To Remove/Install: To remove Semperit FUB 386 Kraftstoff 12 bar DN 6 fuel hose
and replace with Armor Mark Fuel Injection Hose P/N 50086

Installation shall be in accordance to the equipment manufacturer's installation instructions.

All work shall be in accordance with FAA Advisory Circular AC 43.13-1B Acceptable Methods, Techniques, and Practices- Aircraft Inspection and Repair, and AC 43.13-2A Aircraft Alterations. This document must be kept permanently with the owner's Aircraft's Maintenance Manual.

I certify that the installation of the above equipment will not alter the applicable ASTM design and performance standard of this aircraft.

Telefon

Fax:

E-mail

www

ADR 2001-01-01
C 0041

Czech Sport Aircraft a.s.

Na Zbhonech 1177/212

686 04 Kunovice

Czech Republic

IC: 28240316 DIC: 282 40316CZ

STATE
92437

YEAR: DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility (See back pages for other specific entries.)
6 APR 2015	Cont.			6 Apr 2015. Leak check and ground run good. See attached LOA Ezech Richardson A3 P [REDACTED]



N187SF Czech Aircraft Works SportCruiser
S/N: 08SC190

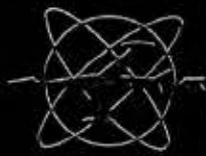
Tach: 1912.40

- 1) Complied with a Condition Inspection in accordance with 14 CFR § 43 Appendix D.
- 2) Complied with SB research. All SB's complied with through this date.
- 3) Complied with ELT inspection in accordance with applicable Aircraft and ELT manufacturer's instructions and applicable FAA guidance and found that it meets the requirements of 14 CFR § 91.207(d).
- 4) Removed and replaced all cowling fasteners with new.
- 5) Removed and replaced both left and right carburetor throttle cables. Re-rigged throttle cables. Performed carburetor mechanical and pneumatic synchronization. Operational check was good.
- 6) Removed and replaced and adjusted throttle friction lock. Operational check was good.
- 7) Replaced left and right brake linings with new. Performed brake burn in procedure. Ops check good.
- 8) Complied with SB-CR-016 Nose Gear Inspection with no defects noted.
- 9) Installed new canopy seal. Ops check good.
- 10) Complied with SD-SC-005 Nose Landing Gear Shimmy Inspection with no defects noted.

Continued on Next Label

Date: 11/24/2015

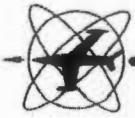
Airframe Maintenance Record Entry



The Standard

PROPELLER LOG

ASA-SPL



The Standard

PROPELLER LOG

ASA-SP-L

SENSENICH PROPELLER COMPANY

PLANT CITY, FL 33563
PHONE - [REDACTED]
FAX - [REDACTED]



LITITZ, PA 17543
PHONE - [REDACTED]
FAX - [REDACTED]

Statement of Compliance-Light Sport

This statement hereby certifies that:

Propeller Model Number: 3B0R5R68C-0 having

~~Blade Serial Numbers: 46549, 46589, 46590 and~~

Hub Serial Number: 314032C

complies with the requirements set forth in ASTM consensus standard F2506-13 for design and testing of fixed-pitch or ground adjustable propellers.

[REDACTED]

12/31/2015

Beth Brown
Quality Control

Visit our web site @ <http://www.sensenich.com>

Propeller Manufacturer : Senseich Propeller
Propeller Model : 3B0R5R68C-0
Hub Series # : 314032C

Date Of Manufacture : 12/31/15
Type : 3 Blade Ground Adjustable
Blade # : 46549
46589
46590

N187SF

Make/Model	Serial #
Aircraft Installed On: Czech Sportcruiser	08SC190

HUB & BLADE INSPECTION

Year: 2016
 Date: 1/14
 Next Inspection Due:

Total Time In Service: 0
 Time Since Overhaul: NEW

US SPORT AIRCRAFT
 US Sport Aircraft [Redacted]
 [Redacted] Addison, TX 75001
 www.usportaircraft.com [Redacted]

N187SF S/N: 08SC190
 Aircraft Total Time Since new: 1920.7
 Propeller Total Time Since new: 0
 1/14/2016

Installed Sensenich model 3B0R5R68C-0 Propeller on Sportcruiser S/N 08SC190 in reference to the Sensenich installation manual and Sportcruiser Maintenance manual. I certify this aircraft is in safe condition for flight, only for the repair/service above.

Michael C. Roberts A&P [Redacted Signature]

Year: _____
 Date: _____
 Next Inspection Due:

Total Time In Service
 Time Since Overhaul

Description	

Mech. Cert. # or Repair Station # _____