

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
Titel-Nr. / part no.: 898020

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 Gunskirchen, 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:

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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	
		AIR SERVICES, INC.		PHO: [REDACTED]		
		[REDACTED]		FAX: [REDACTED]		
		CARROLLTON, GA. 30117				
		FAA Certified Repair Station Z4AR547Y				
		Engine Log Book Entry		12/10/2013		
		N187SF		AFTT: 1865.7		
				Engine Total: "0"		
<p>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.</p>						
<p>Repair Station NO. Z4AR547Y Sammy Bereznak</p> <p>[REDACTED SIGNATURE]</p>						

Motor Ein- und Ausbau Übersicht / Engine installation record

3

Date: 10/02/14 N187SF Hobbs 1877HH Engine 12HH

I certify this aircraft engine Rotax 912 ULS 100HP
SN#6779682 on CZA W Sport Cruiser N187SF
(SN#08SC190) has been inspected IAW Rotax Annual
Condition Check procedures Chapter 05-20-00 LMM;
and found to be in a safe condition for safe operation.
Also reviewed pertinent Service Letters/Directives.

Basil Dale V. Hamilton iRMT A&P

Signature:

Date: 10/02/14 N187SF Hobbs 1877HH Engine 12HH

Removed and Replaced the Coolant Radiator on engine
Rotax 912 ULS SN#6779682 per Chapter 75 Rotax LMM.
Operated engines at operational temperature through full
power cycles. No leaks noted.

Basil Dale V. Hamilton iRMT A&P

Signature:

Betriebsstunden:
Engine hours:

gesamt:
TSN:

seit letzter GÜ.:
TSO:

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

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

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



47- [REDACTED]

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DOI: 10.1002/for

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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 Pennax 20W50 motorcycle oil.	
			Ground run, leak check good	
			Easeh Richardson APP XXXXXXXXXX	
			XXXXXXXXXX	
2/10/15	24.2		Replaced Rotax Air Cleaner P/N 825 711	
	1889.9 Hobbs		with K&N Air filter P/N RA-0660	
			and SCAT SCAT Hose-to. Filter machined	
			connector per distributor's instructions	
			XXXXXXXXXX owner XXXXXXXXXX	

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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

N187SF

AIRCRAFT LOG



YEAR: DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations <small>Entries must be endorsed with Name, Rating and Certificate</small>
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AIRCRAFT LOG ENTRY

REG: N187SF

DATE: 10/13/2014

W.O: 39Y1A

MAKE: CZECH Aircraft Works

MODEL: Sportcruiser

S/N: 08SC190

TT: 1877

(A) 24 Months Certification of the Pilot Static Pressure Systems and the #1 Transponder System.

The #1 ADC and Static Pressure Systems Tests and Inspections and Automatic Pressure Altitude Reporting System required by Title 14 CFR Part 91.411, and the ATC Transponder Test and Inspection required by Title 14 CFR Part 91.413 have been performed and found to comply with Title 14 CFR Part 43, Appendices E and F.

* The #1 ADC Was tested to 10000 Ft on 10/13/2014

* The #1 transponder was tested on 10/13/2014

I Certify this Aircraft has been inspected in accordance with Title 14 CFR Part 91.411 and Part 91.413

A detailed record is on file under Work Order #39Y1A

Signed _____

For Duncan Aviation _____

Phone: _____

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 Polar PIN 825711 with machined filter to SKT Hose connector per manual <u>harris's instructions</u>
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>[Signature]</u>
			Replaced SCAT hose from air filter to airbox. <u>Runup satisfactory</u> <u>[Signature]</u>
6 APR 2015			Removed and Replaced fuel hose between right wing tank and fuel selector. Accompanied 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

IC: 28240316

IC: 28240316CZ

Czech Sport Aircraft a.s.

Na Zbhonech 1177/212

686 04 Kunovice

Czech Republic

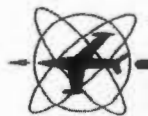
IC: 28240316 DIC: 28240316CZ



The Standard

PROPELLER LOG

ASA-SPL



The Standard

PROPELLER LOG

ASA-SP-L

WIND 4000 / 4000 / 4000 / 4000 / 4000 / 4000 / 4000 / 4000 / 4000 / 4000

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.

[Signature]

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
Addison, TX 75001
www.ussportaircraft.com

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

Year:
Date:
Next Inspection Due:

Total Time In Service
Time Since Overhaul

Description

Mech. Cert. # or Repair Station #