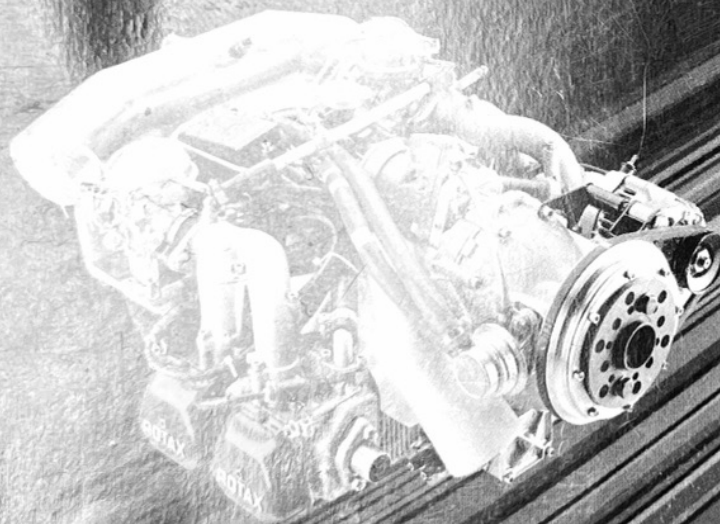


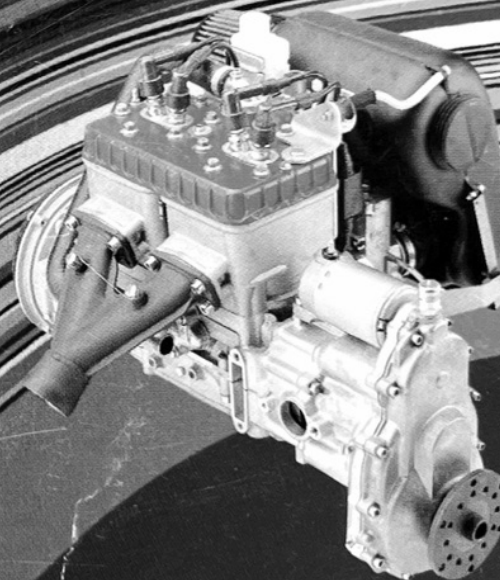


MOTOR LOGBUCH

ENGINE LOG BOOK



picture
ROTAX® 912 ULS 3 with options



picture
ROTAX® 582 UL DCDI with options

Ausgabe Edition: 2007 01 01

Teile-Nr. / part no.: 898020

Nr. / no.:

FR 50 642

Motor-Logbuch Nr.:

Engine Log Book:

FR 50 642

für Kolbenmotor
for piston engine

1

Baumuster:

Type of engine:

912

Baureihe:

Model:

ULS 2

Motor-Nr.:

Engine serial no.:

5.650.642

Hersteller:

Manufacturer:

BRP-Rotax GmbH & Co. KG

A-4623 Günskirchen, Austria

Baujahr:

Year of manufacture:

Feb. 2008

Kennblatt:

Data sheet:

/

Startleistung:

Take off power:

100 / 73,5 PS / kW

hp / kW

zul. Dauer:

perm. duration:

5 min.

min.

bei:

at:

5800 min⁻¹

r.p.m.

Max. zul. Dauerleistung:

Max. cont. Power:

95 / 69 PS / kW

hp / kW

bei:

at:

5500 min⁻¹

r.p.m.

Der oben bezeichnete Motor ist als betriebstüchtig anzusehen, wenn er gemäß der Zivilluftfahrzeug- und Luftfahrtgerätverordnung, 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: **Schraubstutzen an Ölpumpe montiert.**

Remarks:

FRANZ

AIRCRAFT ENGINES VERTRIEB GMBH

LTB: DE.145.318

Am Weidengrund 1a · D-83135 Schechen

Tel. +49(0) 8039 90 35-0 · Fax -35

www.franz-aircraft.de

Datum:

Date:

27. März 2008

Unterschrift:

Signature:

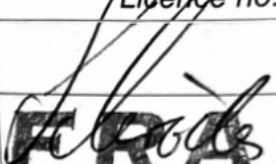
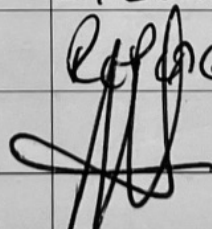
Antje Wolter

5

[illegible]

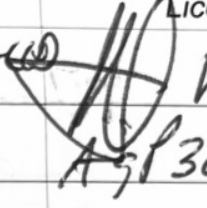
14

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:		
27. 03. 08	0:00	—	Triebwerk wurde gemäß Arbeitsbericht Nr.	 FRAN AIRCRAFT ENGINES VERTRIEB EASA: DE. 145.0318
11-26-08	66.2	66	2.008.290 modifiziert.	
11-26-08	66.2	66.2	Performed OIL O HANGING IAW ROTAX LINE MAINT M.D.M. INSTALLED NEW 825701 ROTON M. ZIDZIUNAS 3QT AEROSHELL SPORT 4 OK 3089135 CSRM	
8-13-09	80.7	80.7	Performed inspection; MAINT ITEMS FOR ANNUAL/100HR INSPECTION IAW ROTAX Q/R LINE MAINT MANUAL FUEL PUMP P/N 892542 S/N 07.007865 Found (same) Replaced w P/N 892542 S/N 08.001657  M. ZIDZIUNAS 3089135 CSRM	

Wartungsübersicht / Maintenance record

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Datum: Date:	Betriebsstunden: Engine hours:		Durchgeführte Arbeiten: Work performed:	Unterschrift & LFZ Wart Nr.: Signature & Licence no.:
	Gesamt: TSN:	seit letzter GÜ.: TSO:		
01-01 2010	91.0	91.0	Performed OIL CHANGE INSTALLED NOW 825 706 OIL FILTER & 3 L. AEROSHELL SPORT 4 OIL. RV-SYNC CARBS	 M. ZIDZIONAS AG 3089135 LS RM
3-17 2010	117	117	performed Oil change installed 825 706 oil filter + 3 L. Aeroshell sport 4 oil Bo Mill owner	
4-25 2010	143	143	Performed Oil Change Installed 825 706 Rotax oil Filter 3 Lit Aero Shell sport 4 oil Bo Mill owner	

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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:		
7 ⁷ 2010	169	169	performed Oil Change \$25706 Rotax Filter 3 Lit. Bereskill Sport 4 Oil Bo Mills June	
2011 2-1-	296.3	-	COMPLIED WITH SB 9.2-057 INSTALLED WOVN 841-983 PLUG AND 838 122 SPRING. M. ZIDZUNAS HP 3089135-LSRM	

Wartungsübersicht / Maintenance record

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Datum: Date:	Betriebsstunden: Engine hours:		Durchgeführte Arbeiten: Work performed:	Unterschrift & LFZ Wart Nr.: Signature & Licence no.:
	Gesamt: TSN:	seit letzter GÜ.: TSO:		
2-1-11	296.3		Performed maintenance & INSPECTED ITEMS OF THE ROTAX LINE MAINT. MANUAL PER THE ANNUAL/100HR INSPECTION. INSTALLED 8 NEW DEPRISSE SPARK PLUGS, NEW 825706 OIL PUMP & 3L AUTOSHOCK SPRINT + 4 OIL. DISASSEMBLED & CLEANED CARBS. AND ON 2-1-11 THE ENGINE WAS FOUND TO BE IN CONDITION FOR SAFE OPERATION	M. EIDZUNAS A/C 308935 CSR RSFC 140001121028-04

Wartungsübersicht / Maintenance record

19

Datum: Date:	Betriebsstunden: Engine hours / cycles:		Durchgeführte Arbeiten: Work performed:	Unterschrift & LFZ Wart Nr.: Signature & Licence no.:
	Gesamt: TSN:	seit letzter GÜ.: TSO:		
10/2/11	421		performed oil change 825.706 Rotax Filter 3 Lt. Aeroshell Sport Plug & oil B M	
2/20/12	425		Installed 8 DC F285 Spark Plugs. Cleaned 4/11 Air Filters & Synched Carbs, Replaced Fuel Filter, 1000hr Rotax Manual performed oil change 825.704 Rotax Filter. Cut open filter, No sign off metal Add 3 Lt Aeroshell sport plus oil. B M	
4/21/12	459			

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:

02/12

501

Performed oil
change Rotax 825 300
filter 3 ct. Amsoil
spent new oil

checked plugs - clean burn
did not replace.

Replaced Exhaust Spring

checked all hoses + clamps All good condition

Replaced both Beringer brake pads
on Mains

Replaced Beringer Brake Disc on
left main wheel

A. Mull

Wartungsübersicht / Maintenance record

21

Datum: Date:	Betriebsstunden: Engine hours:		Durchgeführte Arbeiten: Work performed:	Unterschrift & LFZ Wart Nr.: Signature & Licence no.:
	Gesamt: TSN:	seit letzter GÜ.: TSO:		
7/18/12	547		Performed oil change Rotax 825 706 Filter 3LT Aeroshell Sport Plus Oil Installed 8 DC PR8E spark Plugs (clean burn) Drained fuel tank. No sign of debris in Rotax 100 hr. manual Cleaned both K&N Air Filters Re-synched Curbis B.M.	
2/10/13	571		Performed oil change Rotax 825 706 Filter 3LT Aeroshell Sport Plus Oil Cut open filter No signs metal present B.M.	

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:		
5/4/13	592		Replaced Exhaust spring	
6/2/13	621		Performed oil change Rotax 825 706 filter 3 Lit. Aero Shell Sport Plus Oil Checked Hoses, clamps	
8/10/13	641		Performed oil change Rotax 825 706 filter 3 Lit Aero Shell Sport Plus Oil Replaced 8 DC 4283 Plugs, Disassembled Carbs Cleaned, Replaced Rubber boots Reinstalled, Reassembled Per 100 hrs Rotax manual	

Wartungsübersicht / Maintenance record

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Datum: Date:	Betriebsstunden: Engine hours:		Durchgeführte Arbeiten: Work performed:	Unterschrift & LFZ Wart Nr.: Signature & Licence no.:
	Gesamt: TSN:	seit letzter GÜ.: TSO:		
8-22-14	664		Completed with 200hr CARB inspection by ORNALL (disassemble, clean inspected engine) change oil & filter perform pressure points per Subaru manual (clean) coolant, inspect new tank pad install new spark plugs all work done / A W Roach 9/2 MM. and this engine was found to be in condition for safe flight Paul Hoff 0205218	
10/2/14	710		Replaced performed oil change 3 liters Aeroshell Sport Plus Rotary 8DC (R8) filter replaced by Mills own	
12/10	752		Replaced Tension springs on Bing Carbs and performed 100 hr maintenance B. Mills own	

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:		
2/5/15	787		Cleaned Carb Bowels Changed oil & Filter Inspected all G&H 1455 B. Mills owner	
4/16/15	802		Repaired spark plugs and flushed cooling system Replaced 2 Exhaust Springs and Battery B. Mills owner	
8/20/15	822		changed oil & filter 3 litres port plus pro B. Mills owner	
11/30/15	855		performed 100 hr inspection B. Mills	
3/16/16	869		Replaced Bing carb sockets with Rotax parts B. Mills	

Wartungsübersicht / Maintenance record

25

Datum: Date:	Betriebsstunden: Engine hours:		Durchgeführte Arbeiten: Work performed:	Unterschrift & LFZ Wart Nr.: Signature & Licence no.:
	Gesamt: TSN:	seit letzter GÜ.: TSO:		
7/2/14	874		Changed oil & Filter 3 liters Aero Sport Plus oil B. Mully	
9/4/14	910		Changed oil & Filter 3 liters Aero Sport Plus Oil. B. Mully	
12/8/14	932		Annual	
12/20/14	936		Synched Carbs & Repaired choke cable B. Mully	

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Wartungsübersicht / Maintenance record

[illegible]

1-May-2018 N347MB 912ULS

Hobbs:

C/W 600 Hour inspection on Gear Box S/N45745, installed 2 new spring discs and re-shimmed. All work completed I/A/W Rotax M/M. Pertinent details can be found on file @ Lockwood Aviation Repair Under WO11192.

Signature:



Kerry Yunck, A&P 2857291

Maintenance record

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Durchgeführte Arbeiten:
Work performed:

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

Heart of Virginia Aviation
11152 Airpark Rd
Ashland, VA 23005



Phone: 804-798-6500

Fax: 804-798-6544

March 05, 2019

N347MB Rotax 912ULS2 SN:5.650.642

Hobbs: 986.8 Total Time: 986.8 Engine TT: 986.8 Prop TT: 0

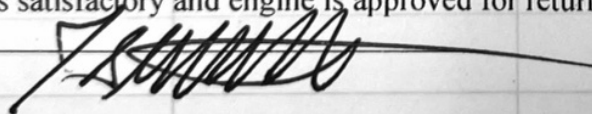
I certify this engine has been inspected in accordance with the manufacturers maintenance and inspection procedures for an Annual condition inspection and was found to be in a condition for safe operation. Engine cylinder compressions; 1/70, 2/80, 3/70, 4/70 tested at 87psi. Drained oil and removed filter, no contamination found. Serviced with 3 liters of aero shell sport 4 oil and added new filter. Prop friction torque 53 NM. Removed and replaced sprag clutch and sprag clutch housing. Performed prop strike inspection, in reference to Rotax Heavy Maintenance Manual.

(Continued onto next entry below)

(Continued from last entry above)

Removed Gearbox and sent to Lockwood for inspection, Reinstalled Gearbox after receiving from Lockwood (reference log entry 1-may-2018). Performed 200 hour inspection. Removed, cleaned, inspected, reassembled using new carb kit. Replaced diaphragms float needles, and jet needles in both carbs.

Installed new carb drip trays. Repaired choke and throttle cables and rerouted. All operational and leak checks satisfactory and engine is approved for return to service. Jason Shields AP4022985



N347MB

Rotax 912ULS2

Hobbs: 1075.8 Total Time: 1075.8 Engine TT: 1075.8 Prop TT: 89

I certify this engine has been inspected in accordance with the manufacturers maintenance and inspection procedures for an Annual condition inspection and was found to be in a condition for safe operation. Engine cylinder compressions; 1/76, 2/78, 3/45, 4/55 tested at 87psi. Removed #3 and #4 cylinder head and barrel. Removed and replaced #3 piston rings and oil control ring, and piston in ref to Rotax SI-912-014. Removed and replaced #4 cylinder head with serviceable unit and new intake valve in ref to Rotx 912 Heavy MM Section 72-30-00. Compressions 3/70, and 4/80 at 87 psi. Drained oil and removed filter, no contamination found. Serviced with 3 liters of aero shell sport 4 oil and added new filter. Prop friction torque 33 NM Removed and replaced 2 bottom spark plug lead boots. Removed and replaced coolant expansion tank pad. Flushed coolant system and serviced engine with Dexcool coolant. All operational and leak checks satisfactory and engine is approved for return to service.

Stephen M Leo AP3678028

intenance record

throughgeführte Arbeiten:
Work performed:

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

[illegible]