



MOTOR LOGBUCH

ENGINE LOG BOOK

N890YB



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.:

FR 79 027

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**SAFETY
FIRST** ✓

Rotax-Franz
empfiehlt
TOTAL



TOTAL

Motor-Logbuch Nr.:
Engine Log Book:

FR 79 027

**für Kolbenmotor
for piston engine**

1

Baumuster: Type of engine:	912	Baureihe: Model:	ULS	Motor-Nr.: Engine serial no.:	6.779.027
Hersteller: Manufacturer:	BRP-Powertrain GmbH & Co. KG A-4623 Gunskirchen, Austria			Baujahr: Year of manufacture:	Sept. 2011
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.	
<p>Der oben beschriebene Motor ist ein freilaufendes, luftgekühltes, wassergekühltes, 2-Takt-Motor, der für die Verwendung in Flugzeugen geeignet ist. Er ist mit einem Ventilsystem ausgestattet, das die Ventile automatisch schließt und öffnet. Der Motor ist mit einem Ventilsystem ausgestattet, das die Ventile automatisch schließt und öffnet. Der Motor ist mit einem Ventilsystem ausgestattet, das die Ventile automatisch schließt und öffnet.</p> <p>The above described engine is a free running, air cooled, water cooled, 2-stroke engine, which is suitable for use in aircraft. It is equipped with a valve system, which automatically closes and opens the valves. The engine is equipped with a valve system, which automatically closes and opens the valves. The engine is equipped with a valve system, which automatically closes and opens the valves.</p>					
Bemerkungen: / Remarks:					
Datum: Date:			10. November 2011		
			Unterschrift: Signature: Tanja Ott		

FRANZ

AIRCRAFT ENGINES VERTRIEB GMBH

EASA: DE.145.0318

Am Weidengrund 1a · D-83135 Schechen

Tel. +49 (0) 8039 90 35-0 · Fax. -35

www.franz-aircraft.de

Wartungsübersicht / Maintenance record

Datum:
Date:t &
Jr.:
&
..:

DOUGLAS DUNCAN AVIATION LLC 100 TOWER DR, HGR 6 GREENVILLE, SC 29607
 LOG ID# 8500 02-February-2012 WO# 5470 REF# 5470 AC TT 26.4 HOBBS 26.4
 N890YB S/N F-11-08-04 FLIGHT DESIGN CTLS
 TSN 26.4 TSO 26.4

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ENGINE

*C/W 25 HOUR INSPECTION ITEMS IAW FLIGHT DESIGN F-11-08-04 MM 5-20.
 *DRAINED OIL; REMOVED, INSPECTED, AND REPLACED OIL FILTER, P/N 825012, AND REPLACED GASKETS, P/N
 250010, 950141; SERVICED WITH 3 LITERS AEROSHELL 10W40-SPORT OIL. LEAK CHECK: GOOD. OIL CHANGE DUE
 AT 50.0 ACTT.

Douglas Duncan
 DOUGLAS DUNCAN A&P/IA 3384163

2-2-12

DATE

DOUGLAS DUNCAN AVIATION LLC 100 TOWER DR, HGR 6 GREENVILLE, SC 29607
 LOG ID# 8606 01-March-2012 WO# 5479 REF# 5479 AC TT 69.4 HOBBS 69.4
 N890YB S/N F-11-08-04 FLIGHT DESIGN CTLS
 TSN 69.4 TSO 69.4

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ENGINE

*DRAINED OIL; REMOVED, INSPECTED, AND REPLACED OIL FILTER, P/N 825012; SERVICED WITH 3 LITERS
 AEROSHELL 10W40-SPORT OIL. LEAK CHECK: GOOD.

Douglas Duncan
 DOUGLAS DUNCAN A&P/IA 3384163

3-1-12

DATE

DOUGLAS DUNCAN AVIATION LLC 100 TOWER DR, HGR 6 GREENVILLE, SC 29607
 LOG ID# 8605 08-March-2012 WO# 5476 REF# 5476 AC TT 69.4 HOBBS 69.4
 N890YB S/N F-11-08-04 FLIGHT DESIGN CTLS
 TSN 69.4 TSO 69.4

Pg 1 / 1

ENGINE

*ADJUSTED ENGINE IDLE RPM IAW ROTAX 912ULS ICA.

Douglas Duncan
 DOUGLAS DUNCAN A&P/IA 3384163

3-8-12

DATE

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.:

Make Flight Design:	Date: 04/03/12
Model: CTLS	A/C TSN: 94.8
Serial Number: F-07-08-04	AC Total Time: 94.8
Reg. No: N890YB	TSMOH: N/A
	Hobbs 94.8

1. Drained oil and refilled with 3 qts of Pennzoil 20w-50w 4 stroke motorcycle oil, cut filter inspection sat, installed new Rotax RBC oil filter P/N 825012.
2. Removed, cleaned, regapped and reinstalled spark plugs
3. Mechanically and pneumatically synchronized the carburetors

I certify that this engine has been inspected in accordance with Rotax 912 Series engine service and maintenance manual for a 100 hour condition inspection as identified in the aircrafts instructions and on this date, 3 April 2012 is found to be in a condition for safe operation. Next 100 inspection is due at 194.8 hours.

Robert F. Chandler

Robert F. Chandler LSRM -A, 2814970; IRMT-140001121028-01

Tom Morton
 Tom Morton, A&P 2816798

N890YB

Hobbs = 121.4

4/18/2012

Discrepancy	Corrective Action
Oil change is due	Changed oil and filter (1-825706). No particles found. Serviced with 3 qts. AeroShell Sport Plus 4. Leak check ok.

James A. Honaker III
James A. Honaker III A&P 2733644
Guardian Aviation Services, LLC

DOUGLAS DUNCAN AVIATION LLC 100 TOWER DR, HGR 6 GREENVILLE, SC 29607
LOG ID# 8581 02-May-2012 WO# 5526 REF# 5526 AC TT 161.1 HOBBS 161.1
N890YB S/N F-11-08-04 FLIGHT DESIGN CTLS
TSN 161.1 TSO 161.1

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ENGINE

*DRAINED OIL; REMOVED, INSPECTED (NO SIGNIFICANT MATERIAL NOTED), AND REPLACED OIL FILTER, P/N 825012; SERVICED WITH 3 LITERS AEROSHELL 10W40-SPORT OIL IAW ROTAX ICA. OPS/LEAK CHECK: GOOD.

Douglas Duncan
DOUGLAS DUNCAN A&P/IA 3384163

5-2-12

DATE

DOUGLAS DUNCAN AVIATION LLC 100 TOWER DR, HGR 6 GREENVILLE, SC 29607
LOG ID# 8607 13-April-2012 WO# 5511 REF# 5511 AC TT 119.0 HOBBS 119.0
N890YB S/N F-11-08-04 FLIGHT DESIGN CTLS

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AIRFRAME

*REPLACED STEERING ROD TIE BOLT, P/N C9996059, BUSHINGS, P/N KA4010006, AND SECURED WASHER, P/N C9996565. OPS CHECK: GOOD.

Douglas Duncan
DOUGLAS DUNCAN A&P/IA 3384163

4-13-12

DATE

DOUGLAS DUNCAN AVIATION LLC 100 TOWER DR, HGR 6 GREENVILLE, SC 29607
LOG ID# 8602 23-May-2012 WO# 5537 REF# 5537 AC TT 198.7 HOBBS 198.7
N890YB S/N F-11-08-04 FLIGHT DESIGN CTLS
TSN 198.7 TSO 198.7

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ENGINE

*COMPLETED 100 HOUR CONDITIONAL INSPECTION AND LUBRICATION IAW FLIGHT DESIGN CTLS ICA AND ROTAX ICA. NEXT 100 HOUR INSPECTION DUE AT 298.7 ACTT.
*COMPRESSION: #1 - 84/85; #2 - 83/85; #3 - 84/85; #4 - 84/85.
*DRAINED OIL; REMOVED, INSPECTED, AND REPLACED OIL FILTER, P/N 825012; REPLACED OIL RESERVOIR PLUG GASKET, P/N 250010, AND RING GASKET, P/N 950141; SERVICED WITH 3 LITERS AEROSHELL 10W40-SPORT 4 OIL IAW ROTAX ICA.
*REPLACED ALL SPARK PLUGS, P/N DCPR8E, IAW ROTAX ICA. OPS CHECK: GOOD.

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR CONDITIONAL INSPECTION AND WAS DETERMINED TO BE IN SAFE OPERATING CONDITION ON THIS DATE.

Douglas Duncan
DOUGLAS DUNCAN A&P/IA 3384163

5-23-12

DATE

DOUGLAS DUNCAN AVIATION LLC 100 TOWER DR, HGR 6 GREENVILLE, SC 29607
LOG ID# 8613 31-May-2012 WO# 5538 REF# 5538 AC TT 205.7 HOBBS 205.7
N890YB S/N F-11-08-04 FLIGHT DESIGN CTLS
FHM 205.7 TSN 205.7 TSO 205.7

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*REPLACED OIL PRESSURE SWITCH PN 956413 WITH NEW OPS CHECKED GOOD

THE AIRCRAFT, ENGINE, COMPONENT, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION AGENCY REGULATIONS AND IS HEREBY APPROVED FOR RETURN TO SERVICE WITH REGARDS TO MAINTENANCE PERFORMED.

Douglas Duncan
DOUGLAS DUNCAN A&P/IA 3384163

5-30-12

DATE

DOUGLAS DUNCAN AVIATION LLC 100 TOWER DR, HGR 6 GREENVILLE, SC 29607
LOG ID# 8655 27-June-2012 WO# 5567 REF# 5567 AC TT 239.4 HOBBS 239.4
N890YB S/N F-11-08-04 FLIGHT DESIGN CTLS
TSN 239.4 TSO 239.4

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ENGINE

*DRAINED OIL; REMOVED, INSPECTED (NO SIGNIFICANT MATERIAL NOTED), AND REPLACED OIL FILTER, P/N 825012; REPLACED OIL RESERVOIR GASKET, P/N 250010; SERVICED WITH 3 LITERS AEROSHELL 10W40-SPORT OIL IAW ROTAX ICA. OPS/LEAK CHECK: GOOD.

Douglas Duncan
DOUGLAS DUNCAN A&P/IA 3384163

6-27-12

DATE

17

Drift &
t Nr.:
re &
no.:

9-20-2012 271.7 hrs. TTSN Maintenance on N890YB Engine serial # 6779027 Aircraft serial # 11-08-04

In accordance with the Flight Design and Rotax maintenance manuals this aircraft was inspected for its 100 hr. and the Annual Condition Inspection. Rotax gearbox friction torque is 464 in/lbs. Carbs pneumatically synced. Removed, cleaned, re-oiled and reinstalled air filter. Replaced all NGK DCPR8E spark plugs and gaped at .025 and applied heat conducting paste. Changed the oil with 3 qts. of Aero Shell Sport Plus 4 oil and installed a new Rotax oil filter. The magnetic plug was clean. Compression test: #1 - 87/85, #2 - 87/85, #3 - 87/84, #4 - 87/85. Fuel flow test at the gasolator is within specs and gasolator screen cleaned. What looked like a small amount of silicone was found in the bottom of the gasolator. Re-check at the next inspection. All 6 through the firewall engine bolt torques were checked at 200 in/lbs. The stabilator was removed and the stab pivot pin nut torque was checked at 200 in/lbs. Trimmed wheel pants to make valve stems accessible and all three wheels. Additional ground wires added from the battery with a #8 wire to the #3 cyl. accessory screw hole. A second #8 wire was attached here and run into the instrument panel main ground block. Tires inflated from 19 psi to 26 psi. Installed a Tanis engine pre-heater, model TAS 100-52-DT and serial # 46203 as per the Tanis instructions. Checked the heating elements for operation. The Rotax ASB-912-059UL, "Checking the Crankshaft", does not apply to this engine due to its serial number. The latest Rotax service alert ASB-912-061UL (replacement of the fuel pump out hose) does not apply to this aircraft due to its older engine serial number. This aircraft complies with the FD SB-ASTM-CTSW-10 (Rescue system rear harness). Next inspection due at 372 hrs. or the Annual Condition Inspection by 9-31-2013. All SB's and logs current. I certify that this aircraft has been inspected within the scope and detail of the Rotax and Flight Design maint. manuals and found to be in a safe condition for operation.

Roger Lee 9-20-12
Roger Lee RLISM-A Cert. # 3359235 issued 5-28-08

9-November-2012 N890YB 912ULS S/N 6779027 Hobbs: 239.4
C/W 200 Hour carburetor inspection and overhaul. All work completed I/A/W
Rotax M/M. Pertinent details can be found on file @ Lockwood Aviation
Repair Under WO 7720.

Signature *Kerry Yumek* A&P2857291
Kerry Yumek, A&P

rift &
: Nr.:
e &
no.:



Date

DOUGLAS DUNCAN AVIATION LLC 100 TOWER DR, HGR 6 GREENVILLE, SC 29607
LOG ID# 8852 16-November-2012 WO# 5673 REF# 5673 AC TT 301.7 HOBBS 301.7
N890YB S/N F-11-08-04 FLIGHT DESIGN CTLS
FHM 301.7 TSN 301.7 TSO 301.7

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ENGINE

*TROUBLE SHOT FUEL FLOW SYSTEM FOUND CARB NEEDED 200 HOUR INSPECTION OVERHAUL. INSPECTION/OVERHAUL COMPLETED BY LOCKWOOD AVIATION FL. SEE ENTRY IN ENGINE LOG BOOK. REMOVED & INSTALLED SAME CARBS BALANCED & SET IDLE IAW ROTAX LINE MAINT MANUAL.

THE AIRCRAFT, ENGINE, COMPONENT, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION AGENCY REGULATIONS AND IS HEREBY APPROVED FOR RETURN TO SERVICE WITH REGARDS TO MAINTENANCE PERFORMED.

Douglas Duncan 11-16-12
DOUGLAS DUNCAN A&P/IA 3384163 DATE

DOUGLAS DUNCAN AVIATION LLC 100 TOWER DR, HGR 6 GREENVILLE, SC 29607
LOG ID# 9004 02-April-2013 WO# 5755 REF# 5755 AC TT 333.5 HOBBS 333.5
N890YB S/N F-11-08-04 FLIGHT DESIGN CTLS
FHM 333.5

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ENGINE

*REPLACED ENGINE COOLANT THERMOSTAT WITH NEW PN: FS-C9997794G IAW ROTAX 912ULS MM
*REPLACED RH CARB DRIP TRAY WITH NEW PN: 874-680 IAW ROTAX 912ULS MM

DOUGLAS DUNCAN AVIATION LLC 100 TOWER DR, HGR 6 GREENVILLE, SC 29607
LOG ID# 8938 15-February-2013 WO# 5724 REF# 5724 AC TT 324.1 HOBBS 324.1
N890YB S/N F-11-08-04 FLIGHT DESIGN CTLS
FHM 324.1 TSN 324.1 TSO 324.1

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ENGINE

*DRAINED OIL; REMOVED, INSPECTED, AND REPLACED OIL FILTER, P/N AA825706; SERVICED WITH 3 QTS AEROSHELL 10W40 SPORT 4 OIL. LEAK CHECK: GOOD. ALL IAW ROTAX LINE MAINTENANCE MANUAL.

THE AIRCRAFT, ENGINE, COMPONENT, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION AGENCY REGULATIONS AND IS HEREBY APPROVED FOR RETURN TO SERVICE WITH REGARDS TO MAINTENANCE PERFORMED.

Douglas Duncan 2-15-13
DOUGLAS DUNCAN A&P/IA 3384163 DATE

DOUGLAS DUNCAN AVIATION LLC 100 TOWER DR, HGR 6 GREENVILLE, SC 29607
LOG ID# 9083 21-May-2013 WO# 5791 REF# 5791 AC TT 340.0 HOBBS 340.0
N890YB S/N F-11-08-04 FLIGHT DESIGN CTLS
FHM 340.0 TSN 340.0 TSO 340.0

Pg 1 / 1

ENGINE
*DRAINED OIL; REMOVED, INSPECTED, AND REPLACED OIL FILTER, P/N AA825706 TEMPEST; SERVICED WITH 3 QTS
OIL. OIL, AEROSHELL 10W40 SPORT 4, LEAK CHECK: GOOD. ALL IAW ROTAX LINE MAINTENANCE MANUAL.

THE AIRCRAFT, ENGINE, COMPONENT, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED IN ACCORDANCE
WITH CURRENT FEDERAL AVIATION AGENCY REGULATIONS AND IS HEREBY APPROVED FOR RETURN TO SERVICE WITH
REGARDS TO MAINTENANCE PERFORMED.

Douglas Duncan 5-21-13
DOUGLAS DUNCAN A&P/IA 3384163 DATE

DOUGLAS DUNCAN AVIATION LLC 100 TOWER DR, HGR 6 GREENVILLE, SC 29607
LOG ID# 9159 24-July-2013 WO# 5818 REF# 5818 AC TT 351.4 HOBBS 351.4
N890YB S/N F-11-08-04 FLIGHT DESIGN CTLS
FHM 351.4 TSN 351.4 TSO 351.4

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ENGINE
*REMOVED OIL THERMOSTAT PN: 10700 AND INSTALLED NEW THERMOSTAT IAW INSTRUCTION FROM FRANZ PN: 10700
GROUND RUN CHECKED GOOD.
*CHANGED ENGINE COOLANT TO DEXCOOL 50/50 SOLUTION

THE AIRCRAFT, ENGINE, COMPONENT, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED IN ACCORDANCE
WITH CURRENT FEDERAL AVIATION AGENCY REGULATIONS AND IS HEREBY APPROVED FOR RETURN TO SERVICE WITH
REGARDS TO MAINTENANCE PERFORMED.

Douglas Duncan 7-24-13
DOUGLAS DUNCAN A&P/IA 3384163 DATE

DOUGLAS DUNCAN AVIATION LLC 100 TOWER DR, HGR 6 GREENVILLE, SC 29607
LOG ID# 9234 04-October-2013 WO# 5872 REF# 5872 AC TT 366.3 HOBBS 366.3
N890YB S/N F-11-08-04 FLIGHT DESIGN CTLS
FHM 366.3 TSN 366.3 TSO 366.3

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ENGINE
*COMPLETED ANNUAL/CONDITIONAL INSPECTION AND LUBRICATION IAW FLIGHT DESIGN CTLS ICA AND ROTAX ICA.
NEXT 100 HOUR INSPECTION DUE AT 466.3 ACTT. ANNUAL INSPECTION DUE 10/2014.
COMPRESSION: #1-84/85; #2-84/85; #3-83/85; #4-83/85.
DRAINED OIL; REMOVED, INSPECTED, AND REPLACED OIL FILTER, P/N 825012; REPLACED OIL RESERVOIR PLUG
GASKET, P/N 250010, AND RING GASKET, P/N 950141; SERVICED WITH 3 QTS AEROSHELL SPORT 4 OIL IAW ROTAX
ICA. LEAK CHECK: GOOD.

I CERTIFY THAT THIS AIRCRAFT, ENGINE, OR PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH AN
ANNUAL/CONDITIONAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.
THE AIRCRAFT, ENGINE, COMPONENT, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED IN ACCORDANCE
WITH CURRENT FEDERAL AVIATION AGENCY REGULATIONS AND IS HEREBY APPROVED FOR RETURN TO SERVICE WITH
REGARDS TO MAINTENANCE PERFORMED.

Douglas Duncan 10-4-13
DOUGLAS DUNCAN A&P/IA 3384163 DATE

N890YB Hobbs = 413.00

5/14/2014

Discrepancy	Corrective Action
Oil pressure indication is intermittent	Installed new transducer P/N 456-180 sender. Ops and leak check ok.

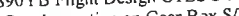
Thomas P. Malechuk
Thomas P. Malechuk, A&P 375605708
Guardian Aviation Services, LLC

N890YB Tach = 413.0

5/21/2014

Discrepancy	Corrective Action
Fuel Pressure indication is intermittent	Installed Kaylico Fuel Pressure Sender in accordance with Dynon Avionics Doc. No. 101718-001 Rev. B. Ops and leak check ok.

Thomas P. Malechuk
Thomas P. Malechuk, A&P 375605708
Guardian Aviation Services, LLC

22	<p>24-June-2014 N89GYB Flight Design CTLS S/N: F-11-08-04, 912ULS, Hobbs: 411 C/W 600hr Gear Box Inspection on Gear Box S/N: 55342 - Disassembled gearbox and clutch, cleaned, reassembled and torqued clutch, and reassembled gearbox with new spring disks. All work completed I/A/W Rotax M/M. Pertinent details can be found on file @ Lockwood Aviation Repair Under WO8874</p> <p>Gc Signature  A&P 2857291</p> <p>Kerry Yunc, A&P</p>	<p>ord</p> <p>Unterschrift & LFZ Wart Nr.: Signature & Licence no.:</p>
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6/26/2014

Discrepancy	Corrective Action
Reinstall engine gear box after inspection	Reinstalled original rear box S/N 55342 in reference to Rotax MM after inspection by Lockwood Aviation WO#8834 dated 5/24/2014. Ops and leak check OK.

NOTE: AIRCRAFT WAS NOT RETURNED TO SERVICE DUE TO ROUGH RUNNING ENGINE AT LOWER TO MID RPM RANGE

KFPM RANGE
Thomas P. Malechuk
 Thomas P. Malechuk, A&P 375605708
 Guardian Aviation Services, LLC

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

Make Flight Design	Date 07/029/2014
Model: CTLS	A/C TSN: 415.7
Serial Number F-11-08-04	AC Total Time: 415.7
Reg. No. 890YB	TSMOH: N/A
	Hobbs: 415.7

	23
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chrift &
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1. Test ran engine and identified carburetor issues with both carburetors, and EMS intermittent shut down requiring power down and restart.
2. Removed both carburetors and opened and inspected. Identified the following issues: 1) a damaged and sunk float in the right carburetor, 2) some damage to all floats in both carburetors, 3) improperly set float level in both carburetors. Replaced all floats with serviceable floats P/N 861 182, adjusted float levels, and float heights in both carburetors.
3. Mechanically and Pneumatically synchronized carburetors
4. Changed oil. Drained oil, removed filter. Charged system with three quarts of Pennzoil 20W 50 motor cycle oil. Primed oil system. Inspected filter sat.
5. During test run identified EMS intermittent shut down. Trouble shoot and identified improperly installed and damaged D-sub connector at EMS unit. Replaced connector with new P/N 276 1428. Tested EMS sat.
6. Identified oil leak at oil cooler. Tightened oil pressure sender, and fittings, and replaced one clamp with new.
7. Installed anti-chaffing on engine heater power cables to cylinder heads and secured several wires on engine.
8. Performed an engine gear box torque slip test in accordance with ROTAX Maintenance Manual. Torque. Torque test results sat at 43.3 ft-lb.
9. Ran engine results within ROTAX specifications and no oil or coolant leaks noted.

The aircraft, engine, propeller or component identified herein has been repaired and inspected and on this date 7/29/2014 is found to be in a condition for safe operation.

Arian Foldan; AP3077897

Robert F. Chandler; LSRM-A, 2814970; Rotax IRMT 20813150420-1968

Wartungsübersicht / Maintenance record



FLIGHT DESIGN

PO Box 325 South Woodstock, CT 06267
(ship to: 91 Rte. 169 Woodstock Airport)
www.TopService@FlightDesignUSA.com

860-963-7272; 860-963-7152 (fax)

N 890YB October 03, 2014 Tach: 431.6 TT Airframe: 431.6 Hobbs: 431.6 s/n 6.779.027

Invoice # 6700 - Performed annual condition inspection IAW Rotax inspection checklist section 05-20-00 pages 5-12. Changed engine oil and filter. Added 3 qts. AeroShell Sport +4 oil. Installed new oil filter p/n 825012. Inspected old filter - No metal found. Replaced (8) Spark plugs- p/n DCPR8E. Magnetic plug check-ok. Replaced fuel pump inlet hose. Comp check-78,78,78,78/80. Performed Rotax/Bing Carb 200 hr. inspection. Synchronized carburetors. Idle set at 1620 rpm. Performed propeller s.ppage clutch test - 500 lbs. **Rubber replacement due 01/2017. Carb rebuild due @ 631.0 hrs. Spark plugs due 531.0 hrs. Oil due @ 481.0 hrs. Gearbox due 1011.0 hrs.** Service bulletins: SB-912-064-OK. All SD's and SB's researched and complied with to this date. This engine has been inspected in accordance with the manufacturer's maintenance and inspection procedures and was found to be in a condition for safe operation.

A & P 3281237

David Armando

N890YB Tach = 451.7

11/11/2014

Discrepancy	Corrective Action
#2 EGT is intermittent	Installed new probe (100405-001) Ops check OK.

Thomas P. Malechuk, A&P 375605708
Guardian Aviation Services, LLC

Signature &
Part Nr.:
ature &
ce no.:

N890YB Hobbs = 492.3

6/12/2015

Discrepancy	Corrective Action
Oil change is due	Changed oil and filter (825012). No particles found. Serviced with 3 qts. AeroShell Sport Plus 4. Leak check ok.
Lower cowl to firewall duct is deteriorated	Installed new duct (SCEET-10)
Fire sleeve on right engine to engine firewall is coming loose	Secured firesleeving

Thomas P. Malechuk
Thomas P. Malechuk A&P375605708
Guardian Aviation Services, LLC

AIR WILMINGTON

Date: 07/17/2015; Aircraft: N890YB; Type: CTLS; S/N: F-11-08-04; Hobbs;; Tach;; Total Time;; Engine - Type: , S/N:, Time;; Prop - Type: , S/N:, Time;

Shop Order #: NRS-13431

Performed 100 hour. inspection.
Replaced o-ring in fuel filter p/n M83248/1-019.
Replaced LH landing gear inner tube p/n GL-60877B
Replaced all spark plugs p/n 4339 DCPR8E and torqued to 177in.lb.

The above aircraft has been inspected in accordance with BRP 912ULS2 Powertrain Maintenance Manual and is approved for return to service.

The Aircraft identified above was inspected and or repaired IAW current regulations of the FAA and is approved for return to service. Pertinent details are on file under the work order stated above. Dated: 7/17/2015.

Name: James Buchanan Signature:  Cert# A&P 3694884

Air Wilmington P.O. Box 1930, Wilmington, NC 28402 Phone: 910-763-2502



PO Box 1930, Wilmington, NC 28402
(910) 763-0146 FAA CRS FFR869D

rschrift &
Wart Nr.:
nature &
ince no.:

Da
D

N890YB	Registration	AIRFRAME	DATE	Oct 6, 2015
CTLS	Make	Serial#	TACH	563.1
Flight Design	Model	F-11-06-04	TOTAL TIME	563.1

5. Complied with Annual/100 hour condition inspection IAW CTLS Flight Design ICA and Rotax ICA and referenced FAR 43 Appendix D.
6. Performed Oil change removed and replaced filter P/N AA825706, serviced with 3 qts Aeroshell 10W40 Sport 4 oil.
7. All work done IAW CTLS Flight Design Maintenance Manual PS-MM-1-0-00.
8. Ground ran aircraft, ops checked and leak checked good.

The Aircraft identified was repaired IAW current regulations of the FAA and is approved for return to service.

Signed: John Nelson A&P 3403532

1 Apr 2017 ; Rotax 6779027; Total Time 585.0 ; I certify this engine had a condition inspected in accordance with the Rotax maintenance manual. All hoses and rubber replaced, carburetor were rebuilt, floats weight 3g each and engine rubber mounts replaced. The engine oil and filter were change with Rotax oil filter and Aeroshell Rotax Oil 20/50. Plugs were inspected and replaced. Compression tested 79/80; 77/80; 79/80 ; 77/80. Fuel filter cleaned. Battery was replaced. Fuel pump replaced. Carb balanced. Clean oil tank. Remove muffler for inspection. Replace choke cables. Remove and clean by-pass jet. Replace coolant with Dexcol. Check crankshaft SB#. Clutch pull test. The engine was found to be in a condition for safe flight.

Tom Gutmann A&P 2040778

Reg: N890YB
Model: ROTAX 912ULS
SN:
TTE: 739.5 TSMOH: 739.5

NexGen Aviation
4144 Aviator Rd, Suite 100
Lexington, KY 40510

Maintenance Record (Engine)

Date: 11/14/2017
TTA: 739.5
Tach: 729.8
Hobbs: 739.5

Workorder reference: 906

Performed a 100 hour conditional inspection using CTLS Flight Design MM Ch. 05-20-00 as a guide and Rotax MM.

- Performed engine run up, attained normal operating temperature, checked mag drops
- Observed oil temp, oil pressure, and other indications for normal operation
- Removed engine cowling, cleaned, and inspected cowling, no defects found
- Inspected and cleaned engine as required.
- Removed, inspected, and gapped sparkplugs. Installed spark plugs.
- Performed oil and filter change using 3 quarts of Aeroshell Sport Plus 4 and a new oil filter p/n AA825706
- Installed new carb heat cable p/n 00541219. Ops check found good
- Performed engine run up, attained normal operating temperature, no faults found
- Installed cowling

I certify that this Engine has been inspected in accordance with a 100 HOUR conditional inspection and its approved for return to service with regards to maintenance performed at this time.

Israel Torres
A&P 3763415

Reg: N890YB NexGen Aviation Date: 11/22/2017
Model: ROTAX 912ULS 4144 Aviator Rd, Suite 100 TTA: 777.2
SN: FR 79 027 Lexington, KY 40510 Tach: 777.2
TTE: 777.2 TSMOH: 777.2 Hobbs: 786.9

Maintenance Record (Engine)

Workorder reference: 911

Performed a 50 hour conditional inspection in accordance with CTLS Flight Design and Rotax 912 maintenance manuals as a guide.

- Performed Engine run up, attained normal operating temperature
- Removed engine cowling, cleaned, and inspected cowling, no faults found
- Performed oil and filter change using 3 quarts of Aeroshell Sport Plus 4 and a new filter p/n 825010
- Installed cowling
- Performed engine run up, attained normal operating temperature, no leaks found

I certify that this Engine has been inspected in accordance with a 50 hour conditional inspection and its approved for return to service with regards to maintenance performed at this time.

Sobeske, Richard
A&P 3784719



Reg: N890YB NexGen Aviation Date: 12/12/2017
Model: ROTAX 912ULS 4144 Aviator Rd, Suite 100 TTA: 829.2
SN: FR-79-027 Lexington, KY 40510 Tach: 829.2
TTE: 829.2 TSMOH: 829.2 Hobbs: 838.9

Maintenance Record (Engine)

Workorder reference: 921

Performed a 100 hour conditional inspection using CTLS Flight Design MM Ch. 05-20-00 as a guide and Rotax MM.

- Performed engine run up, attained normal operating temperature, checked mag drops
- Observed oil temp, oil pressure, and other indications for normal operation
- Fuel flow at idle 1GPH, fuel flow at 4000 RPM 3.7GPH
- Removed engine cowling, cleaned, and inspected cowling, no defects found
- Inspected and cleaned engine as required.
- Compressions: 1) 78/80 2) 74/80 3) 75/80 4) 76/80
- Installed 8 new spark plugs, p/n DCPR8E
- Performed oil and filter change using 3 quarts of Aeroshell Sport Plus 4 and a new oil filter p/n 825012
- Performed engine run up, attained normal operating temperature, no faults found
- Installed cowling

I certify that this Engine has been inspected in accordance with a 100 HOUR conditional inspection and its approved for return to service with regards to maintenance performed at this time.

Richard Sobeske
A&P 3784719



Reg: N890YB	NexGen Aviation	Date: 12/19/2017
Model: ROTAX 912ULS	4144 Aviator Rd, Suite 100	TTA: 889.2
SN: FR-79-027	Lexington, KY 40510	Tach: 889.2
TTE: 889.2	TSMOH: 889.2	Hobbs: 889.9

Maintenance Record (Engine)

Workorder reference: 929

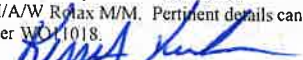
Performed a 50 hour conditional inspection in accordance with CTLS Flight Design and Rotax 912 maintenance manuals as a guide.

- Performed Engine run up, attained normal operating temperature
- Removed engine cowling, cleaned, and inspected cowling, no faults found
- Performed oil and filter change using 3 quarts of Aeroshell Sport Plus 4 and a new filter p/n 825010
- Installed cowling
- Performed engine run up, attained normal operating temperature, no leaks found

I certify that this Engine has been inspected in accordance with a 50 hour conditional inspection and its approved for return to service with regards to maintenance performed at this time.

Sobeske, Richard
A&P 3784719



22-January-2018 N890YB 912ULS S/N 6779027 Hobbs: 937.9
C/W 200 Hour Carburetor Service Requirement per SI-912-021 Inspection of Carburetors and 5-Yr Rubber Replacement Requirements - installed new diaphragms & float needle valves. C/W Rotax SB-912-065 Inspection of carburetor float buoyancy - installed 4 new floats. All work completed I/A/W Rotax M/M. Pertinent details can be found on file @ Lockwood Aviation Repair Under WO1018.
Signature:  Kerry Yunck, A&P 2857291

Reg: N890YB	NexGen Aviation	Date: 2/14/2018
Model: ROTAX 912ULS	4144 Aviator Rd, Suite 100	TTA: 929.3
SN: FR-79-027	Lexington, KY 40510	Tach: 929.3
TTE: 929.3	TSMOH: 929.3	Hobbs: 939.0

Maintenance Record (Engine)

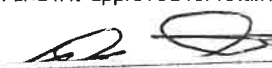
Workorder reference: 939

Performed a 100 hour conditional inspection using CTLS Flight Design MM Ch. 05-20-00 and Rotax 912 MM Ch. 05-20-00 as a guide. Performed engine run up, attained normal operating temperature, checked mag drops, observed oil temp, oil pressure, and other indications for normal operation. Inspected and cleaned engine as required. Performed oil and filter change using 3 quarts of Aeroshell Sport Plus 4 and a new oil filter p/n 825012.

- Removed carburetors and sent to Lockwood aviation for overhaul. Installed overhauled carburetors on engine. Synchronized engine mechanically per Rotax 912 MM Ch. 10.2. Synchronized carburetors pneumatically per Rotax 912 MM Ch. 10.3.

I certify that this engine has been inspected IAW a 100 hour conditional inspection and it is approved for return to service with regards to the maintenance performed at this time.

Sobeske, Richard
A&P 3784719



Reg: N890YB	NexGen Aviation	Date: 3/12/2018
Model: ROTAX 912ULS	4144 Aviator Rd, Suite 100	TTA: 983.7
SN: FR-79-027	Lexington, KY 40510	Tach: 983.7
TTE: 983.7	TSMOH: 983.7	Hobbs: 994.0

Maintenance Record (Engine)

Workorder reference: 992

Performed a 50 hour conditional inspection in accordance with CTLS Flight Design and Rotax 912 maintenance manuals as a guide.

- Performed Engine run up, attained normal operating temperature
- Removed engine cowling, cleaned, and inspected cowling, no faults found
- Performed oil and filter change using 3 quarts of Aeroshell Sport Plus 4 and a new filter p/n 825010
- Installed cowling
- Performed engine run up, attained normal operating temperature, no leaks found

I certify that this engine has been inspected in accordance with a 50 hour conditional inspection and its approved for return to service with regards to maintenance performed at this time.

Sobeske, Richard
A&P 3784719



Reg: N890YB
Model: ROTAX 912ULS
SN: FR-79-027
D TTE: 1026.2 TSMOH: 1026.2

NexGen Aviation
4144 Aviator Rd, Suite 100
Lexington, KY 40510

Date: 5/7/2018
TTA: 1026.2
Tach: 1026.2
Hobbs: 1036.9

Maintenance Record (Engine)

Workorder reference: 1041

Performed an annual conditional inspection using CTLS Flight Design MM Ch. 05-20-00 and Rotax 912 MM Ch. 05-20-00 as a guide.

- Performed engine run up, attained normal operating temperature, checked mag drops, observed oil temp, oil pressure, and other indications for normal operation. Cleaned engine as required.
- Opened LH carburetor bowl and sat floats correctly. Purged oil system IAW SI-912-018.
- Performed oil and filter change using 3 quarts of Aeroshell Sport Plus 4 and a new oil filter p/n 825012.
- Performed compression checks 1) 79/80 2) 78/80 3) 79/80 4) 79/80
- Replaced intake air filter with a new filter p/n RU-0810
- Replaced all spark plugs with new spark plugs p/n DCPR8E.

I certify that this engine has been inspected IAW an annual conditional inspection and is approved for return to service with regards to maintenance performed at this time.

Sobeske, Richard
A&P 3784719

Reg: N890YB
Model: ROTAX 912ULS
SN: FR-79-027
TTE: 1069.6 TSMOH: 1069.6

NexGen Aviation
4144 Aviator Rd, Suite 100
Lexington, KY 40510

Date: 6/1/2018
TTA: 1069.6
Tach: 1069.6
Hobbs: 1080.6

Maintenance Record (Engine)

Workorder reference: 1061 Performed a 50 hour conditional inspection using CTLS Flight Design and Rotax 912 maintenance manuals as a guides. Performed Engine run up, attained normal operating temperature. Removed engine cowlings, cleaned, and inspected cowlings, no defects found at this time. Performed oil and oil filter change using 3 quarts of Aeroshell Sport Plus 4 and a new oil filter P/N: 825 012. Reinstalled oil tank drain plug with a new crush gasket, and resafetied oil tank drain plug. Reinstalled cowlings Performed post maintenance engine run up, attained normal operating temperature, no leaks found. All of my tool accounted for. I certify that this airframe has been inspected in accordance with a 50 hour inspection and has been determined to be in airworthy condition at this time. Kidwell, Jonathan

Jonathan H. Kidwell

A&P 3959005 --End Of Log Entry--

Reg: N890YB
Model: ROTAX 912ULS
SN: FR-79-027
TTE: 1125.3 TSMOH: 1125.3

NexGen Aviation
4144 Aviator Rd, Suite 100
Lexington, KY 40510

Date: 9/14/2018
TTA: 1125.3
Tach: 1125.3
Hobbs: 1137.6

Maintenance Record (Engine)

Performed a 100 HOUR inspection in accordance with FLIGHT DESIGN GMBH CTLS maintenance manual 05-20-00 and Rotax 912 MM Ch. 05-20-00 as a guide.

Compressions (#1) 76/80; (#2) 78/80; (#3) 79/80; (#4) 79/80. Drain oil removed oil filter and inspected. No metal noted. Replaced filter with new filter P/N 825012. Service with 3 quarts of Aeroshell Sport Plus engine oil. Inspected exhaust repaired #2 exh riser and reinstalled. replaced all exh springs. P/N C9997703C. Removed and replaced Left and right Throttle cables P/N 7X7 steel rope. And rigged. Replaced all oil hoses. P/N 6000-8. Preformed run up for ops and leak check. Checks good at this time.

I certify that this Engine has been inspected in accordance with a 100 HOUR inspection and has been determined to be in airworthy condition

Smart, Eddie
3783127

Eddie L. Smart

Reg: N890YB
Model: ROTAX 912ULS
SN: FR-79-027
TTE: 1179.1 TSMOH: 1179.1

NexGen Aviation
4144 Aviator Rd, Suite 100
Lexington, KY 40510

Date: 10/26/2018
TTA: 1179.1
Tach: 1179.1
Hobbs: 1191.1

Maintenance Record (Engine)

Performed a 50 HOUR inspection in accordance with FLIGHT DESIGN ROTAX 912 series MM 12-20-00.

- Removed oil drain plug. Drained oil. Removed and cut filter open for inspection. No metal found.
- Installed new oil filter p/n: 825016 and serviced engine with 3qts of Aeroshell Rotax Sport plus 4.
- C/W engine visual inspection, no defects noted. Ran engine up for leak check. No leaks found.

Israel Torres
A&P 3763415

Israel Torres

Reg: N890YB NexGen Aviation Date: 11/28/2018
Model: ROTAX 912ULS 4144 Aviator Rd, Suite 100 TTA: 1226.2
SN: FR-79-027 Lexington, KY 40510 Tach: 1226.2
TTE: 1226.2 TSMOH: 1226.2 **Maintenance Record (Engine)** Hobbs: 1238.4

Performed a 100 HOUR Conditional inspection IAW FLIGHT DESIGN CTLS MM, and Rotax 912 MM.
--Performed engine run up, attained normal operating temperature, checked mag drops, observed oil temp, oil pressure, and other indications for normal operation. Cleaned engine as required.
-- Performed oil and filter change using 3 quarts of Aeroshell Sport Plus 4 and a new oil filter p/n 825012. Cut open filter, no metal found.
--Performed compression checks 1) 79/80 2) 79/80 3) 79/80 4) 79/80
--Removed and Replaced all 8 spark plugs with new p/n DCP8E
--Gearbox Friction torque checked, within limits.
I certify that this Engine has been inspected in accordance with a 100 HOUR Conditional inspection and has been approved for return to service with regards to the work performed at this time.

Israel Torres
A&P 3763415



Reg: N890YB NexGen Aviation Date: 12/18/2018
Model: ROTAX 912ULS 4144 Aviator Rd, Suite 100 TTA: 1270.6
SN: FR-79-027 Lexington, KY 40510 Tach: 1270.6
TTE: 1270.6 TSMOH: 1270.6 **Maintenance Record (Engine)** Hobbs: 1283.0

Workorder reference: 1189
Performed a 50 HOUR inspection in accordance with FLIGHT DESIGN GMBH CTLS and Rotax 912 maintenance manual.
Performed Engine run-up, attained normal operating temperature.
Removed engine cowlings, cleaned and inspected cowlings, no defects found.
Performed oil and filter change using 3 qts. of AeroShell Sport Plus 4 and a new filter p/n:82510
Installed cowlings
Performed engine run-up, attained normal operating temperature, no leaks noted.

Jeff Borders
A&P3596771



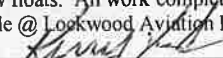
Reg: N890YB NexGen Aviation Date: 4/18/2019
Model: ROTAX 912ULS 4144 Aviator Rd, Suite 100 TTA: 1326.3
SN: FR-79-027 Lexington, KY 40510 Tach: 1326.3
TTE: 1326.3 TSMOH: 1326.3 **Maintenance Record (Engine)** Hobbs: 1339.5

Performed a 100 Hour Condition Inspection IAW FLIGHT DESIGN GMBH CTLS MM using Rotax 912 MM as a guide.
C/W oil and oil filter change using 3 qts of Aeroshell Sport Plus 4 and filter p/n: 825012. No defects noted
C/W 200 Hour inspection for carburetors see Logbook entry dated april 12, 2019.
Gearbox friction torque test within limits.
Compressions (#1) 78/80; (#2) 75/80; (#3) 78/80; (#4) 77/80

I certify that this Engine has been inspected in accordance with a 100 Hour Condition Inspection and its approved for return to service with regards to the work performed at this time.

Israel Torres
A&P 3763415



12-April-2019 N890YB 912ULS S/N 6779027 Hobbs: 1325.4
C/W 200 Hour Carburetor Service Requirement per SI-912-021 Inspection of Carburetors. C/W Rotax SB-912-065 Inspection of carburetor float buoyancy - installed 4 new floats. All work completed I/A/W Rotax M/M. Pertinent details can be found on file @ Lockwood Aviation Repair Under WO11861.
Signature:  Kerry Yunc, A&P 2857291

Reg: N890YB NexGen Aviation Date: 7/1/2019
Model: ROTAX 912ULS 4144 Aviator Rd, Suite 100 TTA: 1376.6
SN: FR-79-027 Lexington, KY 40510 Tach: 1376.6
TTE: 1376.6 TSMOH: 1376.6 **Maintenance Record (Engine)** Hobbs: 1390.6

Performed a 50 hour conditional IAW CTLS Flight Design MM and Rotax 912 MM.
--Performed Engine run up, attained normal operating temperature
--Removed engine cowlings, cleaned, and inspected cowlings, no faults found
--Performed oil and filter change using 3 quarts of Aeroshell Sport Plus 4 and a new filter p/n 825016
--Installed cowlings
--Performed engine run up, attained normal operating temperature, no leaks found.

Israel Torres
A&P 3763415

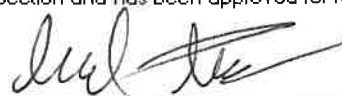


36	Austausch von Ausrüstungsteilen / Exchange of equipments				
Teil / Bezeichnung & Werk Nr.: Part / name & serial no.:	Einbau: In:		Ausbau: Out:		Unterschrift & LFZ Wart Nr.: Signature & Licence no.:
	TW. Std.: Engine TSN:	Datum: Date:	TW. Std.: Engine TSN:	Datum: Date:	
Reg: N890YB	NexGen Aviation		Date: 12/10/2019		
Model: ROTAX 912ULS	4144 Aviator Rd, Suite 100		TTA: 1426.7		
SN: FR-79-027	Lexington, KY 40510		Tach: 1426.7		
TTE: 1426.7 TSMOH: 1426.7	Maintenance Record (Engine)		Hobbs: 1441.4		

Performed a 100 HOUR conditional inspection in accordance with FLIGHT DESIGN CTLS MM.
 Performed Compression Check (#1) 78/80; (#2) 72/77; (#3) 78/80; (#4) 77/80
 Performed engine run-up, attained normal operating temperature, checked mag drops, observed oil temp, oil pressure, and other indications for normal operations. Cleaned engine as required.
 Performed an oil and filter change using 3 qts. of AeroShell Sport Plus 4 and a new filter p/n 825012. Cut open filter, no metal found.
 Removed and replaced all 8 spark plugs with new p/n 82510
 Gearbox friction torque checked, within limits

I certify that this Engine has been inspected in accordance with a 100 HOUR inspection and has been approved for return to service with regards to work performed at this time.

Israel Torres
A&P 3763415



Reg: N890YB	NexGen Aviation	Date: 3/16/2020
Model: ROTAX 912ULS	4144 Aviator Rd, Suite 100	TTA: 1476.8
SN: FR-79-027	Lexington, KY 40510	Tach: 1476.8
TTE: 1476.8 TSMOH: 1476.8	Maintenance Record (Engine)	Hobbs: 1492.0

Performed a 50 hour conditional inspection IAW CTLS Flight Design MM and Rotax 912 MM.
 --Performed Engine run up, attained normal operating temperature
 --Removed engine cowl, cleaned, and inspected cowl, no faults found
 --Performed oil and filter change using 3 quarts of Aeroshell Sport Plus 4 and a new filter p/n 825016
 --Installed cowl
 --Performed engine run up, attained normal operating temperature, no leaks found.

Israel Torres
A&P 3763415



28-April-2020 N890YB 912ULS S/N

Hobbs: 1497.0

C/W 200 Hour Carburetor Service Requirement per SI-912-021 Inspection of Carburetors.

C/W 600 Hour Gear Box Inspection on Gear Box S/N 55342, installed new Gear Set P/N 886518 S/N 19.2639, propeller shaft P/N 937036 S/N 19.1662, 3 spring discs, bearing, oil seal, 2 ring halves, thrust washer, step collar, friction washer, dog hub P/N 958927 and re-shimmed.

All work completed IAW Rotax M/M. Pertinent details can be found on file @

Lockwood Aviation Repair Under WO12451.

Signature:  Kerry Yunck, A&P 2857291

ge of equipments

37

Ausbau: Out:	Unterschrift & LFZ Wart Nr.: Signature & Licence no.:
TW. Std.: Engine TSN:	Datum: Date:

Reg: N890YB	NexGen Aviation	Date: 5/28/2020
Model: ROTAX 912ULS	4144 Aviator Rd, Suite 100	TTA: 1483.2
SN: FR-79-027	Lexington, KY 40510	Tach: 1483.2
TTE: 1483.2 TSMOH: 1483.2	Maintenance Record (Engine)	Hobbs: 1498.5

Performed a 100 Hour Condition Inspection IAW FLIGHT DESIGN GMBH CTLS MM using Rotax 912 MM as a guide.
 C/W oil and oil filter change using 3 qts of Aeroshell Sport Plus 4 and filter p/n: 825012. No defects noted
 Removed L/H Carburetor S/N 112975 and R/H Carburetor S/N 113594, sent to Lockwood Aviation for 200 hour inspection, see logbook entry dated 28 APR 2020 and Lockwood Aviation Repair WO12451, reinstalled L/H Carb S/N 112975 and R/H Carb S/N 113594, rigged, mechanically and pneumatically synchronized IAW Rotax 912 MM
 Removed Gearbox P/N 887703 S/N 55342, sent to Lockwood Aviation for 600 hour inspection, see logbook entry dated 28 APR 2020 and Lockwood Aviation Repair WO12451, resintalled gearbox IAW Rotax 912 MM
 I certify this engine has been inspected IAW a 100 hour conditional inspection and is approved for return to service

Israel Torres
A&P 3763415

