

Motor-Logbuch Nr.:

Engine Log Book:

FR 49 649

für Kolbenmotor

for piston engine

1

Baumuster:

912

Type of engine:

Baureihe:

ULS 2

Model:

Motor-Nr.:

5.649.649

Engine serial no.:

Hersteller:

BRP-Rotax GmbH & Co. KG

Manufacturer:

A-4623 Gunskirchen, Austria

Baujahr:

Oct. 2007

Year of manufacture:

Kennblatt:

/

Data sheet:

Startleistung:

100 / 73,5 PS / kW

Take off power:

hp / kW

zul. Dauer:

5 min.

perm. duration:

min.

bei:

5800 min⁻¹

at:

r.p.m.

Max. zul. Dauerleistung:

95 / 69 PS / kW

Max. cont. Power:

hp / kW

bei:

5500 min⁻¹

at:

r.p.m.

Bemerkungen:

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:

12th of December 2007

Unterschrift:

Signature:

Antje Wolter

DATE: 04/04/2026 DYNON ENGINE HOBBS: 2112.7 MODEL: 912ULS SERIAL #: 5.649.649 TSN:2112.7 TTE: 2112.7

Drained oil and removed oil filter. Magnetic plug removed, checked and cleaned – no metal found. Cut filter and inspected filter element – no metal found. Installed Rotax P/N 825016 oil filter. Serviced w/2.7 qts Aeroshell Sport Plus 4 oil. Cleaned and re-oiled engine air filter. Serviced brake reservoir with fluid. Ground run – ops check good, no oil leaks noted. Serviced brake reservoir with fluid.

Thomas West

ATP3113222



Copperstate Aero, LLC

LSA Repair Center
1592 N. Coral Bells Dr.
Tucson, AZ. 85745
520-471-9328 Cell

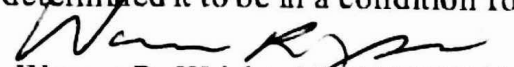
ENGINE
N230C
Flight Design
CTLS
S/N: 07-14-04

July 01, 2026
A/C Total Time: 2154.1
Total Time Engine: 2154.1
Prop TSN: 160.5
Engine S/N: 912 549.6495

1457.4

Changed Oil and Filter; added 3Lts AeroShell Sport Plus 4 Oil and Rotax P/N: 825016 Filter. Conducted Oil Sample. Inspected Engine Magnetic Plug for condition; good, Resaftied Plug. Inspected Sparkplugs (8), gapped to .025", applied Silicon Thermal Paste and torqued to 142in/lb. Compression check: #1. 78/80, #2. 76/80, #3. 78/80, #4. 72/80. Inspected all Fuel, Oil and Coolant lines for condition, normal at this time. Repaired Heater Inlet Flap for loosening. Cleaned and serviced Gascolator, resaftied. Cleaned and serviced carbs. Weighted Floats; Left 6.7gr, Right 6.4gr. Balanced Carbs to Engine, adjusted Idle Speed to 1750rpm. Tightened Oil Cooler Outlet fitting for loosening and oil leak. Conducted 100hr. Inspection on Neuform Propeller; checked torques, blades for chips and nicks, normal at this time. Replaced Oil Temp (1) and Coolant Temp (2) Sensors, Rotax p/n: 965531 for wear. Replaced Oil Temp (1) and Coolant Temp (2) Sensors, Rotax p/n: 965531 for wear. Ran Engine for Leaks and Performance checks, normal currently. Next Conditional due 07/2027 and 100hr due 2254.1.

Conducted a 100/200-hour Conditional Inspection on this Engine and determined it to be in a condition for Safe Operation.


Warren R. Wright ATP28306761/A

General Information



1

Manufacturer <i>Flight Design GmbH</i>		Model <i>CTLS LSA</i>	
Serial No. <i>07-12-04/082 LAMA ASSO</i>		Registration No.	
Date of Manufacture <i>22 Feb 08</i>			
Engine installed at delivery:			
Manufacturer <i>Rotax</i>	Model <i>912 ULS</i>	Serial Number No. <i>5649 649</i>	
Propeller installed at delivery:			
Manufacturer <i>Neuform</i>	Model <i>CP3-65-47-101.6</i>		
HUB Model <i>Neuform</i>	HUB Serial No. <i>084</i>		
Blade Model <i>Neuform</i>			
Blades Serial No. <i>19872614724</i>	<i>19872639724</i>	<i>19872635724</i>	
Date <i>22 Feb 08</i>		Signature <i>[Signature]</i>	

FLIGHT DESIGN
 GmbH
 Straße 65
 D-72771 Heimerdingen
 Telefon (0714) 90287-0

YEA
20
DAT
Copperstate Aero, LLC
LSA Repair Center
1592 N. Coral Bells Dr.
Tucson, AZ. 85745
520-471-9328 Cell

N230C
Flight Design
CTLS
S/N: 07-14-04

July 01, 2026
A/C Total Time: 2154.1
Total Time Engine: 2154.1
Prop TSN: 605-14574
Engine S/N: 912 549.6495

Complied with a Conditional/100/200hr. Inspection on N230C in accordance with Flight Design CTLS Inspection Guide; AMM-100-00-60-001-A00, Rotax 912UL Inspection Guide; Chapter 5, Section 05-20-00 and Neuform Maintenance Manual, Inspection Guide, NEUFORM C3 Series, ASTM-F2506-13, Manual 9640, Rev. 4/ 05March 2018.

Changed Oil and Filter; added 3Lts AeroShell Sport Plus 4 Oil and Rotax P/N: 825016 Filter. Conducted Oil Sample. Inspected Engine Magnetic Plug for condition; good. Resaftied Plug. Inspected Sparkplugs (8), gapped to .025", applied Silicon Thermal Paste and torqued to 142in/lb. Compression check: #1. 78/80, #2. 76/80, #3. 78/80, #4. 72/80. Inspected all Fuel, Oil and Coolant lines for condition, normal at this time. Replaced Brake Rotors, Matco p/n: WHL5KLSA; Brake Plate, Matco p/n: WHLBPAE1.38CT; Brake Pads, Matco p/n: M66-106 and Miscellaneous new Matco Hardware. Repaired Heater Inlet Flap for loosening. Cleaned and serviced Gascolator, resaftied. Cleaned and serviced carbs. Weighted Floats; Left 6.7gr, Right 6.4gr. Balanced Carbs to Engine, adjusted Idle Speed to 1750rpm. Tightened Oil Cooler Outlet fitting for loosening and oil leak. Conducted 100hr. Conducted 100hr. Inspection on Neuform Propeller, p/n: CL3-65; checked torques, blades for chips and nicks, normal at this time. Replaced Oil Temp (1) and Coolant Temp (2) Sensors, Rotax p/n: 965531 for condition. Inspection/test of ELT per FAR91 207 (d). Battery due 09/29.

Propeller Record General Information**Propeller Manufacturer** NEUFORM**Model** CR3-65-47-101.6**Hub Series #** 084**Date of Manufacture** _____**Type** _____**Blade #** _____

Make/Model**Aircraft Installed On:**FLIGHT DESIGN

_____**Serial #**07-12-04

HUB & BLADE INSPECTIONS, REPAIRS AND ALTERATIONS ☐

Hobbs

Year: 2025	Total Time in Service: 2043.2	Description INSPECTED PROP. LEADING EDGE & TRAILING EDGE GOOD. SPINNER & BACKING PLATE GOOD. PROP BOLTS TORQUED. 1346.5 TT on PROP. Mech. Cert. # or Repair Station # Roger Lee ALSM-A 3359235
Date: 11/28/25	Time Since Overhaul	
Next Inspection Due:		

Year: Copperstate Aero, LLC	July 01, 2026
Date: LSA Repair Center	A/C Total Time: 2154.1
1592 N. Coral Bells Dr.	Total Time Engine: 2154.1
Tucson, AZ. 85745	Prop TSN: 160.5
Next Due: 520-471-9328 Cell	Engine S/N : 5649649
	1457.1

PROPELLER
N230C
Flight Design
CTLS
CL3-65

Conducted 100hr. Inspection on this Neuform Propeller; checked torques, blades for chips and nicks.
normal at this time.

Warren R. Wright AP28306761/A

Year:	
Date:	
Next Inspection Due:	Time Since Overhaul
Mech. Cert. # or Repair Station #	