



Engine Type: 912 ULS2

Engine s/n: 6.776.450

**Compliance Statement /
Declaration of Compliance
to ASTM F2339-06**

References: 1. ASTM F2339-06

2. Serial Numbers: 912 A from s/n 4,410.660 on
(Since ASTM has 912 F from s/n 4,412.888 on
been established 912 S from s/n 4,923.163 on
for Rotax Aircraft 912 UL from s/n 4,407.160 on
engines) 912 ULS from s/n 5,644.817 on
912 ULSFR from s/n 4,430.116 on
914 F from s/n 4,420.471 on
914 UL from s/n 4,419.024 on

ROTAX®, hereby declares that the aircraft engine or part of thereof as described in the statement of compliance conforms to the applicable ASTM F2339-06

No features or characteristics are found which would make the engine unsafe provided it is installed, operated and maintained in accordance with instructions and limitations as defined by ROTAX® approved documentation.

The product complies with the ASTM F2339-06 regarding our quality system for record keeping and instructions for continued airworthiness.

Gunskirchen, 15.04.2010

BRP-Powertrain GmbH & Co. KG
Welser Strasse 32
4623 GUNSKIRCHEN

Motor-Logbuch Nr.:
Engine Log Book:

für Kolbenmotor
for piston engine

Baumuster: Type of engine:	Baureihe: Model:	Motor-Nr.: Engine serial no.: 6776450
-------------------------------	---------------------	--

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 betriebsfähig 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 issues and the pertinent operational and maintenance instructions.

Bemerkungen:
Remarks:

Datum:
Date:

Unterschrift:
Signature:

[illegible][illegible][illegible][illegible][illegible][illegible]

IN AN ANNUAL INSPECTION, PER 14CFR43
ENTRY CONDITION. DA HAH
ATP27059751A

BARRY H.A. DOERKA

15APR2012 TACH: 202.0

N678DK

Replaced all spark plugs with new NGK R DCPR8E, qty 8. Applied anti-seize & torqued spark plug. Operational check performed & found satisfactory.

[Handwritten signature]

Danny H.A. Doebar

A&P 2705975

Datum: Unterschrift & LFZ W. Nr.:
Date: Signature & Licence no.:

Änderungsstand / Modification record

8

Lufttüchtigkeitsanweisung bzw. Änderung:
Airworthiness directive or modification:

Ges. Std.:
TSN:

Datum:
Date:

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

235.00

11/13/2018

Bodo Thomas Clausen
ADP 3685959 I4

CHANGED oil & filter

CHANGED SPARK PLUGS & GAPPED .028

COMPRESSION TEST #1-85/87 #2-84/87

#3-85/87 #4-83/87

CHANGED AIR CLEANERS

CHECKED FUEL & ELECTRIC SYSTEM

CHECKED ENGINE CONTROLS for TRAVEL

PERFORMED RUN UP LEAK & OATS

TEST ALL INSTRUMENTS IN GREEN

I CERTIFY THIS ENGINE HAS BEEN

INSPECTED "IAPU" AN ANNUAL CONDITION

INSPECTION AND FOUND TO BE IN AIRWORTHY

CONDITION AND RETURNED TO SERVICE

THIS DATE AND TIME

Änderungsstand / Modification record

9

Lufttüchtigkeitsanweisung bzw. Änderung:
Airworthiness directive or modification:

Ges. Std.:
TSN:

Datum:
Date:

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

CHANGED OIL & FILTER

271.6

11/4/2019

John Thomas & Thomas
AEP 3605759 FAA

CLEANED PUS COMPRESSOR 1-8/87 2-8/87 3-8/87 4-8/87

CLEANED AIR CLEANERS

SERVICED BING CARBS & BALANCED

CHECK ENGINE CONTROLS FOR FULL OPERATION

ATTACHED TO UPGRADE FUEL PUMP & LINES

PER SERVICE BULLETIN

CHECK COOLING SYSTEM

PERFORM RUN UP & POWER TEST AS WELL

AS LEAK AND OILS CHECK NO LEAKS

AND ALL GAUGES IN GREEN.

I CERTIFY THIS ENGINE HAS BEEN

INSPECTED "IATA" AN ANNUAL CONDITION

INSPECTION AND FOUND TO BE IN AIRWORTHY

CONDITION THIS DATE AND TIME AND

RETURNED TO SERVICE

Änderungsstand / Modification record

Lufttüchtigkeitsanweisung bzw. Änderung:
Airworthiness directive or modification:

Ges. Std.:
TSN:

Datum:
Date:

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

Change oil & Filter Airworthiness

285.9

11/10/2020

John Thomas Clunna
AEP 3685959 IT

Clean Nuts & Compression Test 1-84/87 2-83/87

3-84/87 4-83/87

CHECK CABLES AND CABLE OPERATIONS

Clean Air Cleaners

Check Ignition & Electrical System

Inspect Fuel System & Service Filter

Inspect Prop & Gear Box

Inspect Cooling System

Inspect Exhaust System

Run Engine Leak & Oil Check No Leaks

All Instruments Working in Green. I

Certify This Engine Has Been Inspected "IAD"

As Annual Condition Inspection And Returned to

Service in Airworthy Condition This Date:

And Time. John Thomas Clunna

AEP 3685959 IT

Änderungsstand / Modification record

11

Lufttüchtigkeitsanweisung bzw. Änderung:
Airworthiness directive or modification:

Ges. Std.:
TSN:

Datum:
Date:

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

John Thomas Churn
A41 3005959 IZ

Changed Oil & Filter Aeroshell Sponr-4

291.2

11/16

clean Pycs Perforom Compression Test

1-83/87 2-84/87 3-85/87 4-83/87

CHECK Ignition wires & eccentrid

system

CHECK CARBS & cable operation

CHECK fuel system and Replaced

Fuel Pump & fuel line Per Service

Bulletin.

CHECK COOLINGS SYSTEM AND level of

COOLANT

RUN UP leak & OIL Check All good & All

INSTRUMENTS IN GREEN I certify this

ENGINE TO BE IN AIRWORTH CONDITION AND

RETURNED TO SERVICE THIS DATE & TIME

"Idle" as Annual Condition inspection

Per FAR PART 43 Appendix "D" & ROTAX Service Manual

Änderungsstand / Modification record

12

Lufttüchtigkeitsanweisung bzw. Änderung:
Airworthiness directive or modification:

Ges. Std.:
TSN:

Datum:
Date:

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

CHANGE of Filter Aeroshell 500T + 4

294.3

6/11/2023

Edwin Thomas
Ad 13085959 ID

CHANGED ALL 8 SPARK PLUGS AND INSPECT

IGNITION HARNESS

PERFORM COMPRESSION TEST

#1-84/87 #2-85/87 #3-86/87 #4-84/87

CHECK FUEL SYSTEM & HOSES

INSPECT CARBS, AIR CLEANERS

INSPECT CABLE THROU & OPS

REPLACE TWO BROKEN EXHAUST

SPRINGS & SAFETY WIRE

INSPECT COOLING SYSTEM & COOLANT

INSPECT COOLERS & RADIATOR

INSPECT ENGINE MOUNTS.

RUN UP & LEAK & OPS CHECK ALL IN THE GREEN

I CERTIFY THIS ENGINE IN AIRWORTHY CONDITION

AND RETURNED TO SERVICE THIS DATE & TIME "TAAU"

AND AIRWORTHY CONDITION INSPECTION PER FAR 43 PART D & ROTAX MANUALS



Hendricks Field Aviation · 444 Hendricks Field Way · Sebring, FL 33870

N678DK
HOBBS: 484.2

Rotax, 912 ULS, S/N: 769983

August 12, 2024

Completed engine condition inspection with reference to Rotax Line Maintenance Manual ("MML-912 ref: 899196" revised 09/07/2021) "Scheduled Maintenance Checks" checklist. Completed differential compression check with the following results: (Cyl. 1 - 79/80) (Cyl. 2 - 78/80) (Cyl. 3 - 78/80) (Cyl. 4 - 79/80). Drained oil and cleaned oil reservoir, re-installed and secured, and serviced with 3 liters of AeroShell Sport Plus 4 oil. Removed oil filter and separated and inspected oil filter element; no notable findings. Installed new oil filter p/n: 825 016. Removed, inspected, re-installed, and secured magnetic plug; no notable findings. C/W Rotax SI-912-018 - purging of lubrication system. Removed and inspected spark plugs; replaced all with new p/n: DCPR8E and torqued to spec.

C/W 200-hr carburetor service per Rotax SI-912-021 "Inspection of Carburetors and 5-yr Rubber Replacement Requirements" (revised 11/09/09). Replaced diaphragms, floats, and float needle valves with new. Performed carburetor pneumatic synchronization and idle adjustment. Replaced carburetor mounting flanges with new.

Removed Kiev 3-blade propeller and installed DUC FLASH-3-L propeller with reference to DUC Instruction Manual - FLASH Propeller Range (document: DH_FSH_BE_02_J revision: J date: 07/28/2020). Pitched at 20 degrees w/r/t level and checked blade tracking. Performed test run and checked static maximum RPM at WOT: 5250 rpm.

Completed propeller condition inspection with reference to DUC Instruction Manual - FLASH Propeller Range (document: DH_FSH_BE_02_J revision: J date: 07/28/2020).

I certify that this ENGINE and PROPELLER has been inspected I/A/W an ANNUAL condition inspection per the scope and detail of Appendix D to 14 CFR Part 43 and applicable AEROPRAKT-22LS Airplane Maintenance Manual and was found to be in a condition for safe operation. With respect to the work performed, this airframe is approved for return to service. Details of work performed are on file with Hendricks Field Aviation under work order: WO_24061.

Justin Smith A&P 3888851