ROTAX®

ENGINE LOG BOOK

NO.: Eng / ORLH 109-244

FOR ROTAX 2-STROKE AND 4-STROKE AIRCRAFT ENGINES

EDITION: 2020 07 01 | PART NO.: 898023

A BRP BRAND

Engine Log Book No.: ***109-244*** ***for piston engine***

Type of engine: ***912***	Model: ***S2-01***	Engine serial no.: ***9.139.965***
Manufacturer: ***BRP-Rotax GmbH & Co KG A-4623 Gunskirchen, Austria***		Year of manufacture: ***20.10.2021***

Data sheet: ***EASA.E.121***

Take off power: ***73,5*** kW perm. duration: ***5*** min. at: ***5800*** r.p.m

Max. cont. power: ***69*** kW at: ***5500*** r.p.m.

The above mentioned engine is considered to be operationally reliable if operated and maintained in accordance with the Civil Aircraft and Civil Aviation Equipment Order, current issue and the pertinent operational and maintenance instructions.
For relevant Airworthiness Directives (AD) see EASA Website and also check with your local aviation authority (e.g. EASA, FAA TC, CAA,....).

Remarks: ***none***

For Instructions of Continued Airworthiness (ICAs) like e.g. relevant Service Bulletins etc. see the current SL-2ST-013,SL -912-021,SL-914-019 List of Applicable Publications for ROTAX Aircraft Engines and its reference to ROTAX® Aircraft Engines website www.flyrotax.com

Date: ***02.12.2021*** Signature:

BRP-Rotax GmbH & CoKG
AT.21.G.0006
R. Freinberger 31420

Engine installation record:

Aircraft:		Date:		Engine hours:		Signature & Licence no.:
Registr.:	type:	in:	out:	TSN	TSO	
M330 VA	P2006T SN 348/15	23 DEC 2021		0.0		TECNAM IT.21.G.0032

5	**SB-Status**		
Status of Airworthiness Directives or modifications effective at 0 hours and at the time of production.		*Date:*	*Signature & Licence no.:*
applicable SB: ***912-042r1, 912-057r1.***		***02. 12. 2021***	
optional SB: ***912-037r1.***			
not applicable: ***912-022, 912-028r1, 912-029r3, 912-030r1, 912-031, 912-033, 912-039, 912-040r1, 912-041r2, 912-043r2, 912-045, 912-046, 912-047, 912-048, 912-049, 912-051, 912-052r4, 912-053, 912-054, 912-055, 912-056r1, 912-058, 912-059, 912-060, 912-061r1, 912-062r2, 912-063r1, 912-064r1, 912-066r1, 912-068r1, 912-070r1, 912-071, 912-073, 912-074, 912-075.***	BRP-Rotax GmbH & CoKG AT 21 G.0006 R. Freinberger 31420		
applicable AD: ***none***			
not applicable / performed AD:			
2006-0316R1: *Engine - Magnetic Plug - Inspections; Note: not applicable (unlisted engine serial number)* ***2007-0025:*** *Engine – Crankcase – Inspections; Note: not applicable; (unlisted engine serial number and crankcase)* ***2007-0060R1-E:*** *Engine Fuel and Control - Fuel Pump – Replacement; Note: not applicable (unlisted fuel pump)* ***2007-0155:*** *Engine Fuel and Control - Coolant Specification – Modification; Note: adjusted manuals* ***2011-0224-E:*** *Engine – Crankshaft – Inspection; Note: not applicable (unlisted crankshaft)* ***2011-0067-E:*** *Ignition – Magneto Flywheel Hub Washer – Replacement; Note: not applicable (unlisted engine serial number)* ***2012-0019-E:*** *Engine Oil – Oil Pump and Attachment Bolts – Inspection; Note: not applicable (unlisted engine serial number)* ***2012-0097R1:*** *Engine Fuel and Control – Fuel Pump Pressure Side Hose – Replacement; not applicable (unlisted fuel pump)* ***2013-0117-E:*** *Engine – Cylinder Head Section – Inspection / Replacement; Note: not applicable (unlisted cylinder head - installed part number not affected)* ***2015-0240:*** *Engine – Engine Cylinder Head – Inspection / Replacement; Note: adjusted manuals* ***2016-0144;*** *ATA 73 – Engine Fuel and Control – Float – Inspection / Replacement; Note: installed part number of floats not affected* ***2017-0208;*** *ATA 72 – Reciprocating Engine – Valve Push Rod Assembly – Inspection / Replacement; Note: installed parts are not affected;*		***02. 12. 2021***	
	BRP-Rotax GmbH & CoKG AT 21 G.0006 R. Freinberger 31420		

4850 Spartan Dr, Denton, TX 76207 Office: (866) 383-2400 - Fax:(940) 381-3555

WO19647 - N330VA - Tecnam - P-2006T - S/N: 348

LH ENG: - S/N:9.139.965 - LH PROP: - S/N:211167.0

RH ENG: - S/N:10.005.059 - RH PROP: - S/N:211165.0

ACTT: 836.30 - TACH: 836.30 - HOBBS: 851.70

LH ETT: 836.30 - LH TSMO: 836.30 - LH PTT: 836.30

RH ETT: 844.70 - RH TSMO: 844.70 - RH PTT: 844.70

Aircraft was found to have been delivered with no record of FAA AD compliance on this engine. The manufacturer complied with EASA AD's were cross-referenced against FAA AD's via the FAA Dynamic Regulatory System to ensure FAA airworthiness requirements were met. The following are the results. Complied with AD 2019-10-04. Serial number of engine not affected. No further action required. Complied with AD 2016-23-04. Engine serial number not affected and engine was manufactured with new parts outside of affected date range. No further action required. AD 2016-13-04 complied with at time of manufacture by compliance with EASA 2015-0240, method of compliance was modification and adjustment of cockpit instrumentation and adjustment of manuals. No further action required. Complied with AD 2013-15-19. Serial number of engine not affected by AD. No further action required. AD 2012-16-13 C compliance was performed at time of manufacture by compliance of EASA AD 2012-0097R1, fuel pump not listed. No further action required. Complied with AD 2012-04-03. Serial number of engine not affected. No further action required. AD 2011-25-02 compliance was performed at time of manufacture by compliance with EASA 2011-0224-E, crankshaft not listed. No further action required. Complied with AD 2011-12-04. Serial number of engine not affected by AD. No further action required. A.D. 2010-18-14 complied with at manufacture by compliance with EASA A.D. 2007-0060R1-E, fuel pump not listed. No further action required. Complied with AD 2002-16-07. Serial number of engine not affected. No further action required.

Landon Reeder **A&P 4369883** Date: **10/28/25** Signature: Landon Reeder

7	**Maintenance record**			
Date:	*Engine hours:*		*Work performed:*	*Signature & Licence no.:*
	Total: *TSN:*	since last overhaul: *TSO:*		
02.12.2021	*0*	-	*Individual examination performed*	BRP-Rotax GmbH & CoKG AT.21.G.0006 R. Freinberger 31420

Maintenance record:

Date:	Engine hours: TSN:	Engine hours: TSO:	Work performed:	Signature & Licence no.:

luciano sorlini epa VIA MARCONI, 33 CARZAGO RIVIERA (BS) C.A. IT.145.0275

ENGINE: 912S23-01 ROTAX — **S/N** 9139965
WORK: INST. PROPELLER GOV. DRIVE — **DATA:** 16.12.2021
WORK REPORT N°.: 2691 — **TOT. HOURS:** 00:00

WORK PERFORMED : INSTALLATION OF PROPELLER GOVERNOR DRIVE WITH GEARBOX MODIFICATION FROM S2 TO S3 (I.A.W. ROTAX SI-912-031R1) I.A.W. H.M.M. 899603 AND WORK REPORT 2691 OF SORLINI.

A.D. AND ROTAX S.B. PERFORMED

AD 2017-0208	PERF. INSP. OF VALVE PUSH-ROD ASSY AND ROCKER ARMS, NOT AFFECTED (SB-912-070R1)
AD 2016-0144	PERF. INSP. FLOATS NOT AFFECTED
AD 2013-0117-E	PERF. INSP. CYLINDER HEADS NOT AFFECTED (ASB-912-062)
AD 2012-0097R1	PERF. INSP. FUEL PUMP NOT AFFECTED (ASB-912-061)
AD 2011-0224-E	PERF. CRANKSHAFT INSP. NOT AFFECTED
ROTAX SI-912-031R1	PERF. CHANGE OF GEARBOX CONFIGURATION FROM S2 TO S3

Dichiarazione di riammissione in servizio / release to service

Certifies that unless otherwise specified, the works was accomplished in accordance with EASA PART 145 and in respect to that works the engines is considered ready for release to service.

certifying staff
ing. ~~Marcello~~ Gomencini
M. Gomencini
C.I.T. N° 1018035

MAINTENANCE RECORD

Date:	April 14, 2023	Page 1 of 1 Pages		Reg. No:	N330VA
Aircraft:	TECNAM P2006T	Serial #:	348/US	Total Time / L Tach / R Tach:	101.1 / 101.1 / 100.5
#1 Eng:	**BRP-Rotax GmbH 912 S3**	**Serial #:**	**9.139.965**	**Total Time:**	**101.1**

The below listed items were accomplished in accordance with current FAA regulations, manufacturer's technical data, and other approved or acceptable data as applicable. Work order discrepancy numbers are shown in brackets [ ], followed, in bold, directly by AD notes and SB's.

Work Order 082304561

[500] Annual, and TECNAM 50-, and 100-hour Inspections performed, in accordance with the **TECNAM P2006T Aircraft Maintenance Manual, Doc. No. 2006/045, 3rd Edition – Rev. 2, July 21st, 2022.**

[500] Performed Rotax 50-hour and 100-hour inspections as required, no defects noted. All work performed I/A/W **BRP – Rotax MM Chapter Date: July 01, 2021, Rev 1.**

[500] Drained # 1 Engine S/N 9.139.965, engine oil, removed and inspected oil filter, installed new oil filter, P/N 825-01600 and oil tank drain gasket, P/N 250-010, serviced engine with 3 liters of Aeroshell Sport Plus 4 Aviation Oil. All work performed I/A/W **Rotax MML Date: July 01, 2021, Rev 1.**

[452] **AD 2005-01-14** (02/15/2005) *Valve train on all engines:* C/W by inspection I/A/W, **Rotax SB-912-040, Date: Aug/2003, Rev. 1,,** AD is N/A by engine serial number, left 9.139.965, right 9.139.966, I/A/W **AD 2005-01-14, Paragraph [F].**

[453] **AD 2010-20-23** (11/08/2010) *Engine crankcase:* C/W by inspection in accordance with, I/A/W, **AD 2010-20-23, Paragraph C.** AD is N/A by engine crankcase serial number, left 21 5130, right 21 5131.

[454] **AD 2011-25-02** (12/22/2011) *Crankshaft:* C/W by inspection I/A/W, **Rotax SB-912-059, Date: Nov. 2011,** AD is N/A by engine serial number, left 9.139.965.

[455] **AD 2016-13-04** (07/27/2016) *Engine coolant temperature limit:* C/W by inspection, I/A/W **AD 2016-13-04 Paragraph C.** AD is N/A by engine cylinder head part number installed, 6623753.

[456] **AD 2016-23-04** (12/07/2016) *Carburetor floats:* **PCW EASA AD 2016-0144, Date: Dec.07, 2016** AD is N/A by affected part number carburetor floats are not installed, no further action required.

[458] **AD 2014-11-09** (07/15/2014) *Power Plant:* AD is not due at this time, due 600 hours TIS not exceeding 625 hours TIS.

[459] **AD 2015-02-09** (03/05/2015) *Engine Exhaust:* C/W by inspection I/A/W, **AD2015-02-09 Paragraph [f], [1],** & Tecnam **SB170-CS Ed. 1 Rev. 2,** no defects noted, One time Inspection per paragraph [f].

[003] Adjusted LH & RH Alternator belt tension to proper tolerance, I/A/W **BRP-Rotax MML 12-20-00.**

I certify that this engine has been inspected in accordance with a 100-Hour Inspection and was determined to be in airworthy condition.

Signed _____

Central Flying Service, LLC.
2301 Crisp Drive, Little Rock, AR 72202
Thomas Papka
Phone: (501) 375-3245, (800) 888-5387
CRS No. HBKR587E
FAX (501) 975-9596

Maintenance record:

MAINTENANCE RECORD

Date:	April 14, 2023	Page 1 of 1 Pages		Reg. No:	N330VA
Aircraft:	TECNAM P2006T	Serial #:	348/US	Total Time / L Tach / R Tach:	101.1 / 101.1 / 100.5
#1 Eng:	**BRP-Rotax GmbH 912 S3**	**Serial #:**	***9.139.965***	**Total Time:**	**101.1**

The below listed items were accomplished in accordance with current FAA regulations, manufacturer's technical data, and other approved or acceptable data as applicable. Work order discrepancy numbers are shown in brackets [ ], followed, in bold, directly by AD notes and SB's.

Work Order 082304561

[500] TECNAM 50 and100 hour Inspections performed, I/A/W the **TECNAM P2006T Aircraft Maintenance Manual, Doc. No. 2006/045, 3rd Edition – Rev. 2, July 21st, 2022.**

[500] Performed Rotax 50-hour and 100-hour inspections as required, no defects noted. All work performed I/A/W BRP – **Rotax MM Chapter Date: July 01, 2021, Rev 1.**

[500] Drained # 1 Engine S/N 9.139.965, engine oil, removed and inspected oil filter, installed new oil filter, P/N 825-01600 and oil tank drain gasket, P/N 250-010, serviced engine with 3 liters of Aeroshell Sport Plus 4 Aviation Oil. All work performed I/A/W **Rotax MML Date: July 01, 2021, Rev 1.**

[452] **AD 2005-01-14** (02/15/2005) *Valve train on all engines:* C/W by inspection I/A/W, **Rotax SB-912-040, Date: Aug/2003, Rev. 1,**, AD is N/A by engine serial number, left 9.139.965, right 9.139.966, I/A/W **AD 2005-01-14, Paragraph [F].**

[453] **AD 2010-20-23** (11/08/2010) *Engine crankcase:* C/W by inspection in accordance with, I/A/W, **AD 2010-20-23,** Paragraph C. AD is N/A by engine crankcase serial number, left 21 5130, right 21 5131.

[454] **AD 2011-25-02** (12/22/2011) *Crankshaft:* C/W by inspection I/A/W, **Rotax SB-912-059, Date: Nov. 2011,** AD is N/A by engine serial number, left 9.139.965.

[455] **AD 2016-13-04** (07/27/2016) *Engine coolant temperature limit:* C/W by inspection, I/A/W **AD 2016-13-04 Paragraph** C. AD is N/A by engine cylinder head part number installed, 6623753.

[456] **AD 2016-23-04** (12/07/2016) *Carburetor floats:* **PCW EASA AD 2016-0144, Date: Dec.07, 2016** AD is N/A by affected part number carburetor floats are not installed, no further action required.

[458] **AD 2014-11-09** (07/15/2014) *Power Plant:* AD is not due at this time, due 600 hours TIS not exceeding 625 hours TIS.

[459] **AD 2015-02-09** (03/05/2015) *Engine Exhaust:* C/W by inspection I/A/W, **AD2015-02-09 Paragraph [f], [1], &** Tecnam **SB170-CS Ed. 1 Rev. 2,** no defects noted, One time Inspection per paragraph [f].

[005] Adjusted LH & RH Alternator belt tension to proper tolerance, I/A/W **BRP-Rotax MML 12-20-00.**

I certify that this engine has been inspected in accordance with a 100-Hour Inspection and was determined to be in airworthy condition.

Signed Steve Hoover

Central Flying Service, LLC. — Steve Hoover — CRS No. HBKR587E

2301 Crisp Drive, Little Rock, AR 72202 — Phone: (501) 375-3245, (800) 888-5387 — FAX (501) 975-9596

Maintenance record:

Created **09/18/2023** S/N **9.139.965** Engine 1 Tach **185.60** TTIS **185.60**

TSOH **185.60**

Completed a 100 HR inspection IAW FAR 43 app. D with reference to BRP-Rotax maintenance manual 5-20-00 and Tecnam P2006T Maintenance manual 05-20. Researched AD's through Bi-weekly report 2023-19 No applicable AD's due at this time. Compressions #1 79/80 #2 79/80 #3 79/80 #4 79/80. Drained oil sump removed and cut open oil filter. No metal found. Removed and inspected magnetic drain plug. No metal found. Installed oil filter P/N825016. Serviced oil sump with 3l of Aeroshell sport+4. Replaced all spark plugs with P/N 297656. Completed 200 HR carburetor inspection using overhaul kit 996-846 and completed carburetor synchronization with reference to BRP-Rotax maintenance manual 12-00-00 and 12-20-00.

I certify that this engine has been inspected in accordance with a 100 HR inspection and was determined to be in airworthy condition.

Logan Baker P#4638550 Date **9/18/23** Signature

Created **11/03/2023** S/N **9.139.965** Engine 1 Tach **227.30** TTIS **227.30**

TSOH **227.30**

Completed a 50 HR inspection IAW FAR 43 app. D with reference to per Tecnam P2006T MM and Rotax MM. Drained oil sump, removed and cut open oil filter. No metal found. Installed oil filter P/N 825016. Serviced oil sump with 3 Qts of Aeroshell sport plus 4.

Josh Kennedy A&P#4653415 Date: **11/3/23** Signature:

Created **12/05/2023** **Model: 912 S2-01** S/N **9.139.965** Engine 1 Tach **282.30** TTIS **282.30** TSOH **282.30**

Completed an 100 HR Inspection IAW FAR App. D with reference to BRP-Rotax Maintenance Manual 05-20-00 and TECNAM P2006T Maintenance Manual 05-20. Researched AD's through Bi-Weekly report 2023-25. No applicable AD's due at this time. Compressions #1 70/80 #2 70/80 #3 70/80 #4 70/80. Drained oil sump, removed and cut open filter. No metal found. Removed and Inspected magnetic drain plug. No metal found. Installed new oil filter P/N 08-072.26. Serviced oil tank with 3 liters of AeroShell Sport+ 4. Removed, inspected, cleaned and reinstalled spark plugs.

I certify that this engine has been inspected in accordance with 100 HR inspection and was determined to be in airworthy condition.

Dominic Blewett # P 4848287 Date: **12/5/23** Signature:

Created **12/05/2023** **Model: 912 S2-01** S/N **9.139.965** Engine 1 Tach **282.30** TTIS **282.30** TSOH **282.30**

Flushed Coolant system with distilled water and serviced it with 50/50 coolant mixture shellzone dexcool per Rotax M.M. CH 12-20.

Josh Kennedy A&P#4653415 Date: **12/5/23** Signature:

Maintenance record:

Engine hours:				Signature & Licence no.:
			Created 12/14/2023 Model: 912 S2-01 S/N 9.139.965 Engine 1 Tach 300.60 TTIS 300.60 TSOH 300.60 Drained oil. Added 3 liters of Aeroshell sport plus 4 BRP-Rotax Maintenance Manual. Josh Kennedy A&P#4653415 Date: 12/14/23 Signature:	
			Created **12/27/2023** **Model: 912 S2-01** S/N **9.139.965** Engine 1 Tach **333.10** TTIS **333.10** TSOH **333.10** Completed a 50 HR inspection IAW FAR 43 app. D with reference to per Tecnam P2006T MM and Rotax MM. Drained oil sump, removed and cut open oil filter. No metal found. Installed oil filter P/N 825-016. Serviced oil sump with 3 Qts of Aeroshell sport plus 4. **Josh Kennedy** A&P**#4653415** Date: **12/27/23** Signature:	

Signature & Licence no.:

Created **02/13/2024** **N330VA Tecnam P2006T** S/N **348/US.** Engine 1 **363.00** TTIS **363.00**
Replaced faulty oil temp sensor probe on LH engine P/N986-385 using Rotax MM 76-70-00 as reference. Performed ops check and test flight. No defects noted.

Landon Reeder **#A&P Pending** Date: **2/13/24** Signature:

Created **03/01/2024** **Model: 912 S2-01** S/N **9.139.965** Engine 1 Tach **376.70** TTIS **376.70** TSOH **376.70**

Completed a 100, 200, 400 HR inspection IAW FAR 43 app. D with reference to Tecnam P2006T AMM 5-20-00 and BRP-Rotax maintenance manual 5-20-00. Researched AD's through bi-weekly report 2024-04. No applicable AD's due at this time. Compressions #1 79/80 #2 79/80 #3 79/80 #4 78/80. Drained oil sump, removed and cut open oil filter. no metal found. Inspected magnetic plug no metal found. Installed oil filter P/N AA825706 , cleaned oil sump tank complying with the 50Hr inspection for use of leaded fuel. Serviced oil sump with 2.8L of Aeroshell Sport plus 4. Installed 8 new spark plugs P/N297656. Removed both Carburetors for inspection and cleaning with reference to BRP-Rotax heavy Maintenance manual 73-00-00. Completed check of carburetor float weights, weights as follows Inboard carburetor 6.28G outboard carburetor 6.28G. Installed carburetor gasket and or ring set P/N 996946. Reassembled carburetors, reinstalled carburetors and completed mechanical and pneumatic synchronization. Completed Propeller friction torque in free rotation of gearbox with overload clutch. Actual friction torque 58Nm.

I certify that this engine has been inspected in accordance with 100 HR inspection and was determined to be in airworthy condition.

Logan Baker **P#4638550** Date: **3/1/24** Signature:

Maintenance record:

Date:	Engine hours: TSN:	Engine hours: TSO:	Work performed:	Signature & Licence no.:

KC

Created **03/18/2024** **Model: 912 S2-01** S/N **9.139.965** Engine 1

Tach **400.40** TTIS **400.40** TSOH **400.40**

Adjusted idle per Rotax MM Ch. 12-20. Synchronized carburetor per Rotax MM Ch. 12-20.

Josh Kennedy A&P**#4653415** Date: **3/18/24** Signature:

KC

Created **03/25/2024** **Model: 912 S2-01** S/N **9.139.965** Engine 1

Tach **424.20** TTIS **424.20** TSOH **424.20**

Completed a 50 HR inspection IAW Tecnam P2006T AMM and Rotax MM. Drained oil sump. removed and cut open oil filter. No defects noted. Installed oil filter P/N 825016. Serviced oil sump with 3qts of Aeroshell sport plus 4. Performed ops check, no leaks or defects noted.

I certify that this engine has been inspected in accordance with 50 HR inspection and was determined to be in airworthy condition.

Landon Reeder **A&P 4369883** Date: **3/25/24** Signature:

Created **04/26/2024** **Model: 912 S2-01** S/N **9.139.965** Engine 1 Tach **461.00** TTIS **461.00** TSOH **461.00**

Completed a 100 HR inspection IAW FAR 43 app. D with reference to BRP Rotax maintenance manual line 05-20-00. Researched AD's through bi-weekly report 2024-08. No applicable AD's due at this time. Compressions #1 79/80 #279/80 #3 79/80 #4 79/80. Drained oil sump, Removed and cut open oil filter, inspected magnetic plug No metal found. Installed oil filter P/N 825016. Cleaned oil tank for using more than 30% leaded fuel with reference to Rotax Line maintenance manual 12-20-00. Serviced oil sump with 2.8 L of Aeroshell sport 4 plus. Replaced 8 Sparkplugs P/N 297656.Replaced leaking valve cover gasket on #2 cyl P/N 250-285

I certify that this engine has been inspected in accordance with a 100 HR inspection and was determined to be in airworthy condition.

Logan Baker P#**4638550** Date: **4/26/24** Signature:

ɲnature &
ence no.:

04/29/2024, N330VA, Rotax Model: 912 S2-01, S/N: 9.139.965, #1 Position, Tach: 461.0, TTIS: 461.0. This engine has been inspected for an Annual Inspection IAW Part 43 Appendix D and used BRP Rotax MM PN: 899169, section 05-20-00 for reference. All AD's are current up through FAA Biweekly 2024-08. I certify that this engine has been inspected for an Annual Inspection and has been determined to be in airworthy condition and is approved for return to service. ---END---
William A. Latham, Jr. AP3557002IA.

Maintenance record:

Created: Thu, 09/05/24 **Model**: 912 S2-01 **S/N**: 9.139.965 **TACH**: 555.0 **TTIS**: 554.6
TSOH: 554.6

Signature & Licence no.:

Completed a 100 HR inspection IAW FAR 43 app. D with reference to BRP Rotax maintenance manual line 05-20-00. Researched AD's through bi-weekly report 2024-17. No applicable AD's due at this time. Compressions #1 79/80 # 79/80 #3 74/80 #4 76/80. Drained oil sump, Removed and cut open oil filter, inspected magnetic plug No metal found. Installed oil filter P/N 825016. Cleaned oil tank for using more than 30% leaded fuel with reference to Rotax Line maintenance manual 12-20-00. Serviced oil sump with 2.8 L of Aeroshell sport 4 plus. Replaced 8 Sparkplugs P/N 297656. Removed gearbox S/N 82280 per Tecnam P2006T MML 5-50-00 sent to Advanced Powerplant solution for overhaul. Installed overhauled gearbox S/N 82280 per Tecnam P2006T MML. Installed new prop o-ring C-048-A. Installed fuel pump gasket P/N 950-228. Installed 6 propeller locking nuts P/N NAS1291-7. Removed carburetor S/N 212940 and S/N 213013 and sent to Advanced Powerplant Solution for overhaul. Re-installed overhauled carburetors S/N 212940 and S/N 213013. synchronized carbs per Tecnam P2006T MML 12-20-00. **I certify that this engine has been inspected in accordance with a 100 Hr. inspection and was determined to be in airworthy condition.**

Josh Kennedy A&P #4653415 **Date**: Thu, 09/05/24 **Signature**:

Advanced **Powerplant** SOLUTIONS
www.BuyRotaxParts.com

ROTAX
INDEPENDENT SERVICE CENTRE AIRCRAFT ENGINES

Date: 08-20-2024 Engine: 912S Eng S/N: 9139965 Gearbox S/N: 82280 Engine Time: 554.6 Hrs

Performed 600 hour inspection on gearbox: Disassembled and inspected gear box. Cleaned all gearbox internal components. Reset break-away torque on slipper clutch to new specifications. Reassembled using new spring washers, phenolic washer, and retaining ring halves. All work done in accordance with latest Rotax maintenance information. Gearbox returned to customer for re-installation on aircraft.

Russell Horton A&P 3347668 Rotax Heavy Rating 30001211017-4436

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ROTAX
INDEPENDENT SERVICE CENTRE
AIRCRAFT ENGINES

Date: 08-20-24 Eng. Model: Rotax 912S Eng. S/N: 9139965 Total Time: 554.6 hrs

Performed Carburetor Over-Haul: Disassembled carburetors and inspected. Cleaned carburetors and parts via chemical bath and hot water wash. Installed new "R" style floats. Set float levels and performed inverted pressure test. Reassembled carburetors with all new, rubber and sealing components including o-rings, diaphragms, gaskets, fuel inlet needles, needle jets and jet needles. Applied epoxy to all drill plugs. All applicable service bulletins are up to date. All work done IAW latest Rotax maintenance information. See invoice for full list of replaced parts. Carburetors returned to customer for re-installation on aircraft.

Carburetor 1/3 S/N 212940
Carburetor 2/4 S/N 213013

Russell Horton _____
A&P 3347668, Rotax Heavy Rating 30001211017-4436

Created: Fri, 10/04/24 **Model:** 912 S2-01 **S/N:** 9.139.965

TACH: 568.9 **TTIS:** 568.8 **TSOH:** 568.8

Replaced oil pressure plug P/N 841-983, oil pressure relief spring P/N 838-122, oil pressure ball with newer style piston P/N 857-230, and added pressure shim P/N 227-055 using Rotax MMH as guide. Performed ops check, no defects noted.

Landon Reeder A&P #4369883 **Date:** Fri, 10/04/24 **Signature:**

Maintenance record:

Date:	Engine hours: TSN:	Engine hours: TSO:	Work performed:	Signature & Licence no.:
			Created: 02/26/2025 **Aircraft Registration Number:** N330VA **Make:** Rotax **Model:** 912ULS **S/N:** 9.139.965 **Tach:** 651.10 **TTIS:** 651.10 Completed a engine 100 Hr. inspection IAW FAR 43 app. D with reference to Tecnam P2006T AMM 5-20 and Rotax MML/MMH. Researched AD's through current bi-weekly 2025-04, no applicable AD's due at this time. Performed differential compression check compressions as follows #1 79/80 #2 76/80 #3 79/80 #4 79/80. Drained engine oil sump, disassembled and cleaned oil tank due to use of over 30% 100LL fuel. Serviced oil sump with 3 liters of Aeroshell Sport Plus 4. Removed and cut open oil filter. Performed particulate inspection on filter. No metal found, no discrepancies noted. Replaced oil filter P/N: 825016. Removed and replaced #4 cylinder coolant flange P/N 922236 and o-ring P/N 950180. Replaced #2-4 intake o-ring P/N 230910. Replaced all spark plugs P/N 297656. Completed engine run up and ops check. No defects noted, test run satisfactory. I certify that this engine has been inspected in accordance with a 100 Hr inspection and has been determined to be in airworthy condition. **Josh Kennedy** **A&P 4653415** Date: **2/26/25** Signature:	
			Created: 03/06/2025 **Aircraft Registration Number:** N330VA **Make:** Rotax **Model:** 912ULS **S/N:** 9.139.965 **Tach:** 655.20 **TTIS:** 655.20 Pilot reported oil leaking in LH engine nacelle. After inspection found LH oil tank was over serviced causing excess oil to be discharged out of the breather/ vent line on oil tank. Cleaned oil off of airframe and removed excess oil to put oil level inside operational limits. performed ground operational check satisfactory. **Logan Baker** **A&P 4638550** Date: **3/6/25** Signature:	

Maintenance record:

Date:	Engine hours: TSN:	Engine hours: TSO:	Work performed:	Signature & Licence no.:

Created: 04/29/2025 **Aircraft Registration Number:** N330VA **Make:** Rotax
Model: 912ULS **S/N:** 9.139.965 **Tach:** 737.50 **TTIS:** 737.50

Completed a engine 100 Hr. inspection IAW FAR 43 app. D with reference to Tecnam P2006T AMM 5-20 and Rotax MML/MMH. Researched AD's through current bi-weekly 2025-08, no applicable AD's due at this time. Performed differential compression check compressions as follows #1 79/80 #2 79/80 #3 79/80 #4 78/80. Drained engine oil sump, disassembled and cleaned oil tank due to use of over 30% 100LL fuel. Serviced oil sump with 3 liters of Aeroshell Sport Plus 4. Removed and cut open oil filter. Performed particulate inspection on filter. No metal found. no discrepancies noted. Replaced oil filter P/N: 825016. Carburetors replaced with overhauled carburetors for 200 hour inspection. Removed LH carburetor P/N 892537 S/N 21.2941 and replaced with overhauled carburetor P/N 892537 S/N 24.3295. Removed RH carburetor P/N 892532 S/N 21.3013 and replaced with overhauled carburetor P/N 892532 S/N 24.3166. Work completed with reference to BRP Rotax 912 Maintenance Manual Heavy 73-10-00. Completed carburetor synchronization with reference to BRP Rotax 912 Maintenance Manual Line 12-20-00. Replaced cyl #1 top spark plug connector P/N 265249. Completed engine run up and ops check. No defects noted, test run satisfactory.

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

Logan Baker **A&P 4638550** Date: **4/29/25** Signature:

Essential Aviation
N330VA S/N0348/US
Rotax S/N: 9.139.965
Tach time:737.5 TSMOH: 737.5 Date:04/21/2025
Completed annual inspection per FAR part43 appendix D and P2006T M.M. Performed compression check #1 79/80 #2 79/80 #3 79/80 #4 79/80.Researched AD's through ad bi-weekly report 2025-07.
I certify that this engine has been inspected in accordance with Annual per FAR part 43 appendix D and was determined to be in airworthy condition.
Gregory Warton A&P 3807766 IA

4850 Spartan Dr, Denton, TX 76207 Aviation Office: (866) 383-2400 - Fax:(940) 3381-3555

WO18610 - N330VA - Tecnam - P-2006T - S/N: 348

LH ENG: - S/N:9.139.965 - LH PROP: - S/N:211167.0

RH ENG: - S/N:10.005.059 - RH PROP: - S/N:211165.0

ACTT: 816.50 - TACH: 816.50 - HOBBS: 831.40
LH ETT: 816.50 - LH TSMO: 816.50 - LH PTT: 816.50
RH ETT: 824.60 - RH TSMO: 824.60 - RH PTT: 824.60

Completed a engine 100 Hr. inspection IAW FAR 43 app. D with reference to Tecnam P2006T AMM 5-20 and Rotax MML/MMH. Researched AD's through current bi-weekly 2025-19, no applicable AD's due at this time. Performed differential compression check compressions as follows #1 77/80 #2 78/80 #3 78/80 #4 77/80. Drained engine oil sump, disassembled and cleaned oil tank due to use of over 30% 100LL fuel. Serviced oil sump with 3 liters of Rotax XPS 5-50 engine oil. Removed and cut open oil filter. Performed particulate inspection on filter. No metal found, no discrepancies noted. Replaced oil filter P/N: 825016. Pilot reported oil pressure fluctuation in flight prior to 100 hour inspection. Per Rotax engineering, the following parts were replaced. Installed new oil pump assembilly P/N 911815, Oil pump gears P/N 956278, Oil pump cover P/N 911711, Oring P/N 430175, Oring x4 P/N 250460 Per Rotax HMM 79-00-00. Installed new oil system suction hoses P/N 26-7-1591-001, P/N 26-7-1591-002, P/N 26-7-1591-003, P/N 26-7-1591-004 Per Tecnam P2006T AMM 79-10. Replaced oil thermostatic valve with new valve P/N PIC-003 Per Tecnam P2006T AMM 79-10. Performed engine oil system purge. Completed engine run up, ops check, and test flight. No defects noted, test run satisfactory. **I certify that this Engine has been inspected in accordance with a 100 hour inspection and has been determined to be in an airworthy condition.**

Landon Reeder A+P **#4369883** Date: **9/26/25** Signature: Landon Reeder

4850 Spartan Dr, Denton, TX 76207 Aviation Office: (866) 383-2400 - Fax:(940) 3381-3555

WO19075 - N330VA - Tecnam - P-2006T - S/N: 348

LH ENG: - S/N:9.139.965 - LH PROP: - S/N:211167.0

RH ENG: - S/N:10.005.059 - RH PROP: - S/N:211165.0

ACTT: 826.70 - TACH: 826.70 - HOBBS: 841.90
LH ETT: 826.70 - LH TSMO: 826.70 - LH PTT: 826.70
RH ETT: 835.00 - RH TSMO: 835.00 - RH PTT: 835.00

Pilot reported low coolant CAS message after initial startup before flight. Aircraft was grounded. Upper cowling was removed and low coolant level in reservoir was noted. Added Aeroshell/Dexcool until full line per P2006TAMM. No further discrepancies noted.

Landon Reeder A+P **#4369883** Date: **10/9/25** Signature: Landon Reeder

Dat				e & 10.:

4850 Spartan Dr, Denton, TX 76207 Aviation Office: (866) 383-2400 - Fax:(940) 381-3555

WO19647 - N330VA - Tecnam - P-2006T - S/N: 348

LH ENG:ROTAX 912s2-01 - S/N:9.139.965 - LH PROP:MT PROPELLER MTV-21-A-C-F - S/N:211167.0

RH ENG:ROTAX 912s3-01 - S/N:10.005.059 - RH PROP:MT PROPELLER MTV-21-A-C-F - S/N:211165.0

ACTT: 836.30 - TACH: 836.30 - HOBBS: 851.70

LH ETT: 836.30 - LH TSMO: 836.30 - LH PTT: 836.30

RH ETT: 844.70 - RH TSMO: 844.70 - RH PTT: 844.70

While performing aircraft logbook review, I found that some recently added logbook entry's were missing information related to the engine/propeller make/model. Affected logbook entry's were found to have been added between 9/26/2025 and 10/9/2025. These discrepancy's were caused by an issue with the software used to generate the records and the issue has since been resolved. This entry has been added to confirm that this engine/propeller make/model have been verified as what is shown above, and match the serial numbers used in all entry's in these records.

Landon Reeder A&P 4369883 Date: 10/30/25 Signature:

ROTAX®

R/H #2 ENGINE

ENGINE LOG BOOK

FOR ROTAX 2-STROKE AND 4-STROKE AIRCRAFT ENGINES

EDITION: 2023 05 01 | PART NO.: 898023

NO.: M-424

Motor-Logbuch Nr.: **111-424** **für Kolbenmotor**
Engine Log Book: ***for piston engine***

Baumuster: *Type of engine:* **912**	Baureihe: *Model:* **S3-01**	Motor Nr.: *Engine serial no.:* **10.005.059**
Hersteller: *Manufacturer:* **BRP-Rotax GmbH & Co KG A-4623 Gunskirchen, Austria**		Baujahr: *Year of manufacture:* **Feb 2024**
Kennblatt: *Data sheet:* **EASA.E.121**		

Startleistung: *Take off power :*	**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:*	**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 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, latest legal issue and the pertinent operational and maintenance instructions.

Bemerkungen: ***The engine was tested and delivered without governor.***
Remarks:

Datum: *Date:* **16. Februar.2024**

Unterschrift: *Signature:*

BRP-Rotax GmbH & Co KG
AT.21.G.0006
H.Steininger 30137

4	SB-Stand / SB-Status		
Status der durchgeführten SB (Service Bulletin's) bei 0-Stunden *Status of Airworthiness Directives or modifications effective at 0 hours.*		Datum: *Date:*	Unterschrift & Pers. Nr.: *Signature & Licence no.:*
effective SB:	***912-033, 912-042r1, 912-057r1.***	***16. 02. 2024***	BRP-Rotax GmbH & Co KG AT.21.G.0006 H.Staininger 30137
optional SB:	***912-037r1.***		
not applicable SB:	***912-022, 912-028r1, 912-029r3, 912-030r1, 912-031, 912-039, 912-040r1, 912-041r2, 912-043r2, 912-045, 912-046, 912-047, 912-048, 912-049, 912-051, 912-052r4, 912-053, 912-054, 912-055, 912-056r1, 912-058, 912-059, 912-060, 912-061r1, 912-062r2, 912-063r1, 912-064r1, 912-066r1, 912-068r1, 912-070r1, 912-071, 912-073, 912-074, 912-075, 912-078***		

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Maintenance record

Date:	Engine hours: Total: TSN:	Engine hours: since last overhaul: TSO:	Work performed:	Signature & Licence no.:
16.02.2024	0	-	Individual examination performed	BRP-Rotax GmbH & Co KG AT.21.G.0006 H.Steininger 30137

Created: 02/27/2025 **Aircraft Registration Number:** N330VA **Make:** Rotax **Model:** 912ULS **S/N:** 10.005.059 **Tach:** 655.60 **TTIS:** 0.0

Installed This engine Rotax 912 S3-01 S/N 10-005-059 on N330VA Tecnam P2006T S/N 348 with reference to Tecnam P2006T AMM 72-10 and Rotax 912 maintenance manual line and maintenance manual heavy and AC 43-13.1B. Installed new engine shock mounts P/N CON021-BS. Performed test ground run to check for leaks. No discrepancies noted. Performed test flight satisfactory.

Logan Baker A&P 4638550 Date: **2/27/25** Signature:

Created: 04/11/2025 **Aircraft Registration Number:** N330VA **Make:** Rotax **Model:** 912ULS **S/N:** ~~9.130.065~~ 10.005.059 **Tach:** 730.80 **TTIS:** ~~730.80~~ 75.20

CT Red Lined on taxi into shutdown on the ramp. No more than 30 seconds at redline prior to initiating shutdown of the affected engine.

John Stefansen Cert: 4551923CFI Date: **4/11/25** **Signature:**

Maintenance record:

Date:	Engine hours: TSN:	TSO:	Work performed:	Signature & Licence no.:

Created: 04/11/2025 **Aircraft Registration Number:** N330VA **Make:** Rotax
Model: 912ULS **S/N:** ~~9.139.965~~ 10,005,057 LB **Tach:** 730.80 **TTIS:** ~~730.80~~ 75.2 LB

Pilot reported engine coolant over temp occurrence. Temperature and time span as listed in entry above from PIC. After visual inspection found that the expansion tank cap was removed. Installed expansion tank cap, cleaned engine, performed Rotax 912 unscheduled maintenance check with reference to Rotax maintenance manual line 5-50-00 EXCEEDING OF MAX. COOLING SYSTEM TEMPERATURE inspection. Replenished/ serviced system with coolant. Performed ground operational run, no defects noted.

Logan Baker **A&P 4638550** Date: **4/11/25** Signature:

Created: 04/29/2025 **Aircraft Registration Number:** N330VA **Make:** Rotax **Model:** 912ULS **S/N:** ~~9.139.965~~ **Tach:** 743.50 **TTIS:** 89.00 10,005,059 LB

Completed a engine 100 Hr. inspection IAW FAR 43 app. D with reference to Tecnam P2006T AMM 5-20 and Rotax MML/MMH. Researched AD's through current bi-weekly 2025-08, no applicable AD's due at this time. Performed differential compression check compressions as follows #1 79/80 #2 78/80 #3 79/80 #4 79/80. Drained engine oil sump, disassembled and cleaned oil tank due to use of over 30% 100LL fuel. Serviced oil sump with 3 liters of Aeroshell Sport Plus 4. Removed and cut open oil filter. Performed particulate inspection on filter. No metal found, no discrepancies noted. Replaced oil filter P/N: 825016. Removed L/H carburetor and replaced with overhauled carburetor P/N 892-537 S/N 24.3298. Removed R/H carburetor and replaced with overhauled carburetor P/N 892-532 S/N 24.3150 work completed per BRP Rotax 912 ULS MMH 73-10. Performed carburetor synchronization per Rotax MML 12-20. Removed and replaced all spark plugs P/N 297656. Completed engine run up and ops check. No defects noted, test run satisfactory. **I certify that this Engine has been inspected in accordance with a 100 hour inspection and has been determined to be in an airworthy condition.**

Josh Kennedy **A&P 4653415** Date: **4/29/25** Signature: Josh

Ma

Essential Aviation
N330VA S/N0348/US
Rotax S/N: 10.005.059
Tach time:743.5 TSMOH: 88.0 Date:04/21/2025

I Completed annual inspection per FAR part43 appendix D and P2006T M.M. Performed compression check #1 79/80 #2 79/80 #3 79/80 #4 79/80. Researched AD's through ad bi-weekly report 2025-07.

I certify that this engine has been inspected in accordance with Annual per FAR part 43 appendix D and was determined to be in airworthy condition.

Gregory Warton A&P 3807766 IA

Created: 06/19/2025 **Aircraft Registration Number**: N330VA **Make**: Rotax **Model**: 912ULS **S/N**: ~~9.139.905~~ 10.005.059
Tach: 786.20 **TTIS**: 131.70

Found carburetor chamber top was stripping at the bent tube assembly connector. Removed and replace chamber top with a serviceable used chamber top P/N 961250

Josh Kennedy A&P 4653415 Date: **6/19/25** Signature:

9/25/25, 8:07 AM Flight Schedule Pro

Created: 08/11/2025 **Aircraft Registration Number**: N330VA **Make**: Rotax **Model**: 912ULS **S/N**: **10.005.059** **Tach**: 821.70 **TTIS**: 167.20

Completed a engine 100 Hr. inspection IAW FAR 43 app. D with reference to Tecnam P2006T AMM 5-20 and Rotax MML/MMH. Researched AD's through current bi-weekly 2025-16, no applicable AD's due at this time. Performed differential compression check compressions as follows #1 78/80 #2 78/80 #3 78/80 #4 78/80. Drained engine oil sump, disassembled and cleaned oil tank due to use of over 30% 100LL fuel. Serviced oil sump with 3 liters of XPS 5W-50. Removed and cut open oil filter. Performed particulate inspection on filter. No metal found, no discrepancies noted. Replaced oil filter P/N: 825016. Removed and replaced alternator belt P/N: 6261MC. Completed engine run up and ops check. No defects noted, test run satisfactory.
I certify that this Engine has been inspected in accordance with a 100 hour inspection and has been determined to be in an airworthy condition.
Owen Fortney A&P #4429081 Date: **8/11/25** Signature:

COMPLIANCE STATEMENT - DECLARATION OF COMPLIANCE

to ASTM F2339-19a

Engine Type: 912 S2-01 **Engine s/n:** 9139965

References:

1. ASTM F2339-19a

2. Serial Numbers (since ASTM has been established for ROTAX Aircraft Engines)

912 A	from S/N 4410660 on
912 F	from S/N 4412888 on
912 S	from S/N 4923163 on
912 UL	from S/N 4407160 on
912 ULS	from S/N 5644817 on
912 ULSFR	from S/N 4430116 on
912 iS / iS Sport	from S/N 4417078 on
912 iSc Sport	from S/N 4417412 on
914 F	from S/N 4420471 on
914 UL	from S/N 4419024 on
915 iS A	from S/N 9132042 on
915 iSc A	from S/N 9127006 on
915 iSc B	from S/N 9122510 on
916 iSc B	from S/N 9147013 on

BRP-Rotax GmbH & Co KG hereby declares that the aircraft engine or part of thereof as described in the statement of compliance confirms to the applicable ASTM F2339-19a standard.

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 BRP-Rotax approved documentation.

The product complies with the ASTM F2339-19a standard based on BRP's quality system for record keeping and instructions for continued airworthiness.

Ing. Michael Dopona
Head of Design Organisation

Maximilian Feischl
Accountable Manager

Gunskirchen, 20.10.2021

BRP-Rotax GmbH & Co KG I Rotaxstraße 1 I 4623 Gunskirchen I Austria

02. 12.2021 AO/Frb/Obe

BRP-Rotax GmbH & Co. KG
Rotaxstraße 1
A-4623 Gunskirchen, Austria
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www.rotax.com

LUCIANO SORLINI SPA CON SOCIO UNICO
Piazza Roma 1
I-25080 Carzago di Calvagese Riviera (Bs)

Firmenbuch-Nr.: FN217491s
Landesgericht Wels
UID-Nr. ATU 53018309
BRP-ROTAX GmbH & Co KG
DVR: 0381080

OBERBANK, BLZ 15130
Konto 283-0701/00
IBAN AT70 1513 0002 8307 0100

ROTAX AIRCRAFT ENGINE TYPE 912 S2-01

Enclosed you will find for Rotax engine with S/N:

9.139.965

— *test run protocol no. AC025017 of 29.*
— authorised release certificate EASA FORM 1 no. B21/0614 of 02. 12. 2021
— engine log book no. 109-244

Best regards

BRP-Rotax GmbH & Co KG

iA BRP-Rotax GmbH & CoKG AT 3176.0006 R. Freinberger 31420
Freinberger Roman

iA
Elke Obermair

Enclosure

Aircraft - Testrun Protocol

personal_number	89174
projekt	AC_912_S
engine_no	9139965
test_cell	602
start_date	2021-10-29 08:49:34
operator	Dakovic Sasa
stroke_family	4
power_transm	Direkt
power_load	Dyno
g_i_internal	2.430000
g_e_internal	1.000000
fuel	Super
d_fuel	0
fuel_system	Carburetor
uut	912
test_type	automatic n=K
t_measure	10
test_owner	HET
test_name	EINLAUF_912_S
test_version	1.00
test_comment	912 S
l	l
displacement	1352.0
exhaust_system	Rotax Teile Nr.973676
intake_system	Ansaugluftverteiler kpl.: 667355
carburetor	2 x Bing 64
carb_calib	HD 155; LD 35; NP:3; Nadeldüse 2.70
idle_adj_screw	Zyl.1/3 Lr.1 1/2 Dk.1 Zyl.2/4 Lr.1 1/2 Dk.1
spark_plug	BOSCH 297656
ign_system	ROTAX
fuel_pump	Corona
compression_r	10.80
ignition_timing	26°
full_load_measurement	Messpunkt 1-6
takeoff_power	Messpunkt 7
flying_test_measurement	Messpunkt 8-9
part_load_measurement	Messpunkt 10-13
magnet_test	Messpunkt 14-16
intake_manifold_pressure_test	Messpunkt 17-19
idle	Messpunkt 20
result_name	AC025017

Operator	Dakovic Sasa
Testcell	602
Engine Number	9139965
Project	AC_912_S
Result Name	AC025017
Start Date	2021-10-29 08:49:34
Testname	EINLAUF_912_S

Checked by: Sasa Dakovic

Test-Date: 29.10.2021

BRP

Aircraft - Testrun Protocol

Special Note:

		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
engine_speed_calculated	rpm	5830	5516	5022	4517	4024	3517	5816	5491	4997	5498	4997	4521	4011	4005	3865	3870	5535
power_corrected_912	kW	74.2	68.5	65.4	58.7	51.4	43.4	74.2	70.8	55.3	70.7	55.3	41.8	29.0	28.9	25.8	25.8	70.6
correction_912	-	1.101	1.094	1.093	1.092	1.089	1.089	1.093	1.087	1.088	1.089	1.090	1.091	1.089	1.088	1.088	1.087	1.088
torque_corrected_912	Nm	121.5	118.7	124.3	124.1	122.0	117.8	121.8	123.0	105.7	122.7	105.7	88.3	69.0	68.8	63.7	63.8	121.8
fuel_consumption_spec_912_733	g/kWh	288	280	284	270	271	278	295	292	264	272	265	293	307	303	331	330	292
fuel_cons_733	cm^3/h	27136.81	24510.26	23673.64	20230.09	17793.12	15420.67	27955.31	26443.27	18655.28	24561.16	18771.87	15641.64	11364.91	11187.46	10909.66	10918.67	26423.46
p_fuel_rail	bar	0.24	0.25	0.25	0.26	0.24	0.29	0.21	0.23	0.28	0.21	0.28	0.28	0.29	0.30	0.29	0.29	0.22
t_ambient	°C	32.9	30.9	30.6	30.6	29.7	29.6	30.8	29.1	29.4	29.6	29.8	30.0	29.7	29.5	29.3	29.2	29.3
p_oilpump_out	bar	3.7	3.7	3.6	3.7	3.9	3.9	3.7	3.7	3.6	3.7	3.6	3.7	3.9	3.9	3.9	3.9	3.7
t_oilfilter_out	°C	84.4	79.8	78.4	78.0	77.8	78.2	82.8	78.0	79.0	79.8	80.1	79.5	79.1	78.5	77.8	77.4	81.7
t_water_engine_out	°C	90	90	89	90	91	89	89	91	88	89	89	89	92	90	88	88	90
t_cyl_head_cyl_2	°C	92.7	92.4	91.8	92.5	93.2	92.2	92.3	93.2	90.1	91.2	91.0	91.3	93.8	92.1	90.2	90.9	91.8
t_cyl_head_cyl_3	°C	92.7	91.6	91.1	92.0	93.4	92.5	91.6	92.6	90.1	91.1	90.9	91.9	94.9	93.3	91.4	92.0	91.4
t_exhaust_cyl_1	°C	801	799	759	749	728	696	791	768	763	772	759	696	694	692	703	721	777
t_exhaust_cyl_2	°C	777	771	710	723	699	655	779	739	710	729	712	669	671	670	682	701	728
t_exhaust_cyl_3	°C	729	720	699	690	702	689	732	721	778	737	781	779	763	758	785	787	719
t_exhaust_cyl_4	°C	805	774	752	736	713	690	801	772	813	784	814	791	756	749	776	781	788
p_plenum_intake	mbar	937	928	946	954	961	962	937	940	888	940	888	848	769	775	780	779	938
p_ambient	mbar	977.6	977.3	977.3	977.4	977.6	977.7	977.6	977.4	977.3	977.4	977.4	977.5	977.5	977.5	977.4	977.4	977.4

Testrun Information

Magnetprobe Drehzahlabfall: Kreis A = 140 rpm, Kreis B = 135 rpm Differenzdruck : Ausgangsdruck 6 bar.Alle 4 Zylinder 5,95 bar

CO 5800 rpm: Z1 = %; Z2 = %; Z3 = %; Z4 = %

CO 5500 rpm: Z1 = %; Z2 = %; Z3 = %; Z4 = %

Dichtheitskontrolle: ja; Ölfilterkontrolle: ja;

Kraftstoffpumpentest: OK

Prüfer: Sasa Dakovic

BRP-Rotax GmbH & Co KG
AT.21.G.0006
B. Freiberger 31420

Operator	Dakovic Sasa
Testcell	602
Engine Number	9139965
Project	AC_912_S
Result Name	AC025017
Start Date	2021-10-29 08:49:34
Testname	EINLAUF_912_S

Checked by: Sasa Dakovic

Test-Date: 29.10.2021

Aircraft - Testrun Protocol

Special Note:

		18	19	20
engine_speed_calculated	rpm	5006	4517	1695
power_corrected_912	kW	43.4	31.6	1.9
correction_912	-	1.088	1.087	1.086
torque_corrected_912	Nm	82.8	66.9	10.9
fuel_consumption_spec_912_733	g/kWh	289	33	669
fuel_cons_733	cm³/h	16066.86	-1335.11	1651.45
p_fuel_rail	bar	0.29	0.30	0.34
t_ambient	°C	29.5	29.0	28.9
p_oilpump_out	bar	3.7	3.6	3.4
t_oilfilter_out	°C	82.0	79.1	74.7
t_water_engine_out	°C	89	88	89
t_cyl_head_cyl_2	°C	91.3	90.5	91.1
t_cyl_head_cyl_3	°C	91.4	91.0	91.6
t_exhaust_cyl_1	°C	716	705	541
t_exhaust_cyl_2	°C	686	689	490
t_exhaust_cyl_3	°C	792	794	534
t_exhaust_cyl_4	°C	816	785	542
p_plenum_intake	mbar	834	752	403
p_ambient	mbar	977.4	977.4	977.4

Testrun Information

Magnetprobe Drehzahlabfall: Kreis A = 140 rpm, Kreis B = 135 rpm Differenzdruck : Ausgangsdruck 6 bar.Alle 4 Zylinder 5,95 bar
CO 5800 rpm: Z1 = %; Z2 = %; Z3 = %; Z4 = %
CO 5500 rpm: Z1 = %; Z2 = %; Z3 = %; Z4 = %
Dichtheitskontrolle: ja; Ölfilterkontrolle: ja;
Kraftstoffpumpentest: OK
Prüfer: Sasa Dakovic

BRP-Rotax GmbH & Co KG
A-4[illegible]5.0006
R. Freinberger 31420

ROTAX AIRCRAFT ENGINES

COMPLIANCE STATEMENT - DECLARATION OF COMPLIANCE

to ASTM F2339-19a

Engine Type: 912 S2-01 **Engine s/n:** 9139966

References:

1. ASTM F2339-19a

2. Serial Numbers (since ASTM has been established for ROTAX Aircraft Engines)

912 A	from S/N 4410660 on
912 F	from S/N 4412888 on
912 S	from S/N 4923163 on
912 UL	from S/N 4407160 on
912 ULS	from S/N 5644817 on
912 ULSFR	from S/N 4430116 on
912 iS / iS Sport	from S/N 4417078 on
912 iSc Sport	from S/N 4417412 on
914 F	from S/N 4420471 on
914 UL	from S/N 4419024 on
915 iS A	from S/N 9132042 on
915 iSc A	from S/N 9127006 on
915 iSc B	from S/N 9122510 on
916 iSc B	from S/N 9147013 on

BRP-Rotax GmbH & Co KG hereby declares that the aircraft engine or part of thereof as described in the statement of compliance confirms to the applicable ASTM F2339-19a standard.

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 BRP-Rotax approved documentation.

The product complies with the ASTM F2339-19a standard based on BRP's quality system for record keeping and instructions for continued airworthiness.

Ing. Michael Dopona
Head of Design Organisation

Maximilian Feischl
Accountable Manager

Gunskirchen, 20.10.2021

BRP-Rotax GmbH & Co KG I Rotaxstraße 1 I 4623 Gunskirchen I Austria

02. 12.2021 AO/Frb/Obe

BRP-Rotax GmbH & Co. KG
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www.rotax.com

LUCIANO SORLINI SPA CON SOCIO UNICO
Piazza Roma 1
I-25080 Carzago di Calvagese Riviera (Bs)

Firmenbuch-Nr.: FN217491s
Landesgericht Wels
UID-Nr. ATU 53018309
BRP-ROTAX GmbH & Co KG
DVR: 0381080

OBERBANK, BLZ 15130
Konto 283-0701/00
IBAN AT70 1513 0002 8307 0100

ROTAX AIRCRAFT ENGINE TYPE 912 S2-01

Enclosed you will find for Rotax engine with S/N:

9.139.966

— test run protocol no. AC024988 of 28.
— authorised release certificate EASA FORM 1 no. B21/0615 of 02. 12. 2021
— engine log book no. 109-245

Best regards

BRP-Rotax GmbH & Co KG

iA BRP-Rotax GmbH & CoKG AT 21 0.0006 R. Freinberger 31420
Freinberger Roman

iA
Elke Obermair

Enclosure

Aircraft - Testrun Protocol

personal_number	89174
projekt	AC_912_S
engine_no	9139966
test_cell	602
start_date	2021-10-28 08:50:18
operator	Dakovic Sasa
stroke_family	4
power_transm	Direkt
power_load	Dyno
g_i_internal	2.430000
g_e_internal	1.000000
fuel	Super
d_fuel	0
fuel_system	Carburetor
uut	912
test_type	automatic n=K
t_measure	10
test_owner	HET
test_name	EINLAUF_912_S
test_version	1.00
test_comment	912 S
l	l
displacement	1352.0
exhaust_system	Rotax Teile Nr.973676
intake_system	Ansaugluftverteiler kpl.: 667355
carburetor	2 x Bing 64
carb_calib	HD 155; LD 35; NP:3; Nadeldüse 2.70
idle_adj_screw	Zyl.1/3 Lr.1 1/2 Dk.1 Zyl.2/4 Lr.1 1/2 Dk.1
spark_plug	BOSCH 297656
ign_system	ROTAX
fuel_pump	Corona
compression_r	10.80
ignition_timing	26°
full_load_measurement	Messpunkt 1-6
takeoff_power	Messpunkt 7
flying_test_measurement	Messpunkt 8-9
part_load_measurement	Messpunkt 10-13
magnet_test	Messpunkt 14-16
intake_manifold_pressure_test	Messpunkt 17-19
idle	Messpunkt 20
result_name	AC024988

Operator	Dakovic Sasa
Testcell	602
Engine Number	9139966
Project	AC_912_S
Result Name	AC024988
Start Date	2021-10-28 08:50:18
Testname	EINLAUF_912_S

Checked by: Sasa Dakovic

Test-Date: 28.10.2021

Aircraft - Testrun Protocol

Special Note:

		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
engine_speed_calculated	rpm	5843	5515	5012	4502	4015	3501	5848	5540	4995	5533	4976	4515	4013	4014	3866	3882	5509
power_corrected_912	kW	73.5	71.1	66.1	58.6	50.7	42.3	73.7	71.8	55.0	72.0	55.5	42.0	29.4	29.4	26.2	26.5	72.0
correction_912	-	1.074	1.076	1.079	1.079	1.079	1.079	1.079	1.081	1.082	1.082	1.083	1.084	1.083	1.083	1.083	1.083	1.082
torque_corrected_912	Nm	120.2	123.1	125.9	124.4	120.5	115.3	120.3	123.8	105.1	124.3	106.4	88.9	69.9	70.0	64.7	65.1	124.8
fuel_consumption_spec_912_733	g/kWh	277	277	269	260	252	274	283	280	259	282	260	297	300	292	332	319	278
fuel_cons_733	cm³/h	26212.87	25374.32	22845.79	19581.47	16440.75	14892.98	26825.77	25848.21	18304.56	26095.80	18508.25	15989.99	11317.47	11028.27	11147.63	10842.95	25718.30
p_fuel_rail	bar	0.25	0.26	0.26	0.27	0.25	0.26	0.22	0.22	0.27	0.23	0.27	0.26	0.30	0.30	0.30	0.29	0.20
t_ambient	°C	27.5	28.1	29.1	28.9	28.9	28.8	28.8	29.6	29.8	29.9	30.1	30.3	30.1	30.0	30.1	30.0	29.7
p_oilpump_out	bar	3.8	3.6	3.7	3.6	4.0	4.2	3.7	3.6	3.7	3.6	3.7	3.6	3.9	3.8	3.9	3.9	3.7
t_oilfilter_out	°C	81.2	81.8	80.8	79.8	80.0	79.8	80.3	79.4	80.4	80.1	79.1	78.5	78.7	78.2	77.6	77.2	80.7
t_water_engine_out	°C	90	89	90	90	90	89	91	92	88	93	91	88	89	91	92	90	92
t_cyl_head_cyl_2	°C	93.3	92.3	92.5	93.0	92.5	91.8	94.3	95.1	90.3	95.4	94.0	90.8	91.5	93.3	94.5	92.5	94.3
t_cyl_head_cyl_3	°C	91.7	90.5	90.7	91.1	90.6	90.1	92.8	93.4	89.0	93.7	92.7	89.6	90.6	92.4	93.8	91.9	92.7
t_exhaust_cyl_1	°C	789	778	752	748	741	709	791	776	751	779	749	694	682	680	890	708	759
t_exhaust_cyl_2	°C	790	782	760	741	731	682	794	780	746	784	743	694	706	707	716	734	768
t_exhaust_cyl_3	°C	782	770	742	721	718	688	783	769	793	774	793	761	762	760	784	791	759
t_exhaust_cyl_4	°C	787	771	743	726	703	678	788	766	804	773	807	786	733	725	739	743	754
p_plenum_intake	mbar	944	947	954	963	967	968	943	947	892	947	896	855	778	777	788	786	947
p_ambient	mbar	984.7	984.6	984.5	984.4	984.4	984.3	984.3	984.4	984.4	984.3	984.4	984.5	984.5	984.5	984.5	984.5	984.4

Testrun Information

Magnetprobe Drehzahlabfall: Kreis A = 148 rpm, Kreis B = 132 rpm Differenzdruck : Ausgangsdruck 6 bar.Alle 4 Zylinder 5,95 bar
CO 5800 rpm: Z1 = %; Z2 = %; Z3 = %; Z4 = %
CO 5500 rpm: Z1 = %; Z2 = %; Z3 = %; Z4 = %
Dichtheitskontrolle: ja; Ölfilterkontrolle: ja;
Kraftstoffpumpentest: OK
Prüfer: Sasa Dakovic

BRP-Rotax GmbH & Co KG
QM-21.0.0006
R. Freinberger 31420

Operator	Dakovic Sasa
Testcell	602
Engine Number	9139966
Project	AC_912_S
Result Name	AC024988
Start Date	2021-10-28 08:50:18
Testname	EINLAUF_912_S

Checked by: Sasa Dakovic

Test-Date: 28.10.2021

Aircraft - Testrun Protocol

Special Note:

		18	19	20
engine_speed_calculated	rpm	5009	4516	1747
power_corrected_912	kW	43.2	31.8	1.8
correction_912	-	1.081	1.081	1.080
torque_corrected_912	Nm	82.4	67.2	9.7
fuel_consumption_spec_912_733	g/kWh	302	298	791
fuel_cons_733	cm³/h	16748.95	12139.81	1790.33
p_fuel_rail	bar	0.26	0.28	0.33
t_ambient	°C	29.7	29.7	29.3
p_oilpump_out	bar	3.6	3.7	3.2
t_oilfilter_out	°C	79.7	79.5	77.4
t_water_engine_out	°C	92	89	91
t_cyl_head_cyl_2	°C	94.9	92.1	93.5
t_cyl_head_cyl_3	°C	93.4	90.8	92.8
t_exhaust_cyl_1	°C	698	705	570
t_exhaust_cyl_2	°C	703	734	600
t_exhaust_cyl_3	°C	782	787	595
t_exhaust_cyl_4	°C	806	751	616
p_plenum_intake	mbar	839	757	395
p_ambient	mbar	984.6	984.6	984.5

Testrun Information

Magnetprobe Drehzahlabfall: Kreis A = 148 rpm, Kreis B = 132 rpm Differenzdruck : Ausgangsdruck 6 bar.Alle 4 Zylinder 5,95 bar
CO 5800 rpm: Z1 = %; Z2 = %; Z3 = %; Z4 = %
CO 5500 rpm: Z1 = %; Z2 = %; Z3 = %; Z4 = %
Dichtheitskontrolle: ja; Ölfilterkontrolle: ja;
Kraftstoffpumpentest: OK
Prüfer: Sasa Dakovic

BRP-Rotax GmbH & Co KG
31420

Formblatt Nr. 17-046/U—04.03.2019

1. Approving Competent Authority/Country	2.	3. Form Tracking Number
Austro Control GmbH / Austria	**AUTHORISED RELEASE CERTIFICATE** **EASA FORM 1**	*B24/0206*

4. Approved Organisation Name and Address:	5. Work Order/Contract/Invoice
ROTAX AIRCRAFT ENGINES **BRP-Rotax GmbH & Co KG** A-4623 Gunskirchen, Austria Rotaxstraße 1	Delivery Note *80749637* Date *09. 02.2024*

6. Item	7. Description	8. Part No.	9. Qty.	10. Serial-No.	11. Status/Work
1	*Rotax engine 912 S3-01*	*309120133*	*1*	*10005059*	*new*

12. Remarks

For information about storage and storage conditions of spare parts please follow the instructions at the relevant Service Letter [SL-912 i-011,SL-915 i-003,SL-912-022,SL-914-020,SL-916 i-003]

The engine was tested and delivered without governor.

Next overhaul after 2.000 h or 15 years of first operation

Service Bulletin optional: *912-037r1.*

Service Bulletin effect: *912-033, 912-042r1, 912-057r1.*

Service Bulletin not applic.: *912-022, 912-028r1, 912-029r3, 912-030r1, 912-031, 912-039, 912-040r1, 912-041r2, 912-043r2, 912-045, 912-046, 912-047, 912-048, 912-049, 912-051, 912-052r4, 912-053, 912-054, 912-055, 912-056r1, 912-058, 912-059, 912-060, 912-061r1, 912-062r2, 912-063r1, 912-064r1, 912-066r1, 912-068r1, 912-070r1, 912-071, 912-073, 912-074, 912-075, 912-078*

Displayed for : *ROTECH MOTOR LTD.*

Limited life parts will normally be accompanied by maintenance history including life used

13a. Certifies that the items identified above were manufactured in conformity to:

☒ approved design data and are in condition for safe operation

☐ non-approved design data specified in block 12

14a. ☐ **Part-145.A.50** Release to Service ☐ **Other Regulation** specified in block 12

Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, was accomplished in accordance with Part 145 and in respect to that work the items are considered ready for release to service

13b. Authorised Signature	13c. Approval/Authorisation Number	14b. Authorised Signature	14c. Certificate/Approval Ref. No.
BRP-Rotax GmbH & Co KG AT.21.G.0006 H.Steininger 30137 *Electronic Signature on File*	AT.21G.0006		
13d. Name *Steininger Helmut*	**13e. Date** (dd mmm yyyy) *16.Feb.2024*	**14d. Name**	

EASA Form 1 – 21 Issue 2

Regarding User/Installer responsibilities, Import/-Storage requirements please see reverse side

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ROTAX®

Aircraft - Testrun Protocol

Start Date	07.02.2024 19:02:35
Engine Number	10005059
Result Number	AC0220468

		1	2	3	4	5	6	7	8	9	10	11	12					
engine_speed_calculated	rpm	0	5810	5514	5014	4513	5811	5006	4513	4007	3752	3787	1708					
power_corrected_912	kW	0.0	74.8	72.7	67.5	60.0	74.3	53.5	38.6	27.9	23.3	23.8	3.6					
correction_912	-	1.082	1.081	1.081	1.081	1.081	1.081	1.085	1.085	1.084	1.084	1.084	1.083					
torque_corrected_912	Nm	0.1	122.9	125.9	128.5	127.0	122.1	102.0	81.7	66.4	59.2	60.0	20.3					
fuel_consumption_spec_912_733	g/kWh	0	288	272	267	266	278	272	293	305	359	342	307					
fuel_cons_733	cm³/h	0.00	27628.68	25398.39	23155.64	20529.48	26543.05	18642.86	14467.92	10913.68	10729.50	10451.62	1429.02					
p_fuel_rail	bar	0.00	0.26	0.27	0.27	0.26	0.28	0.29	0.29	0.33	0.33	0.32	0.32					
t_ambient	°C	24.9	24.8	24.8	24.7	24.8	24.9	25.7	25.7	25.6	25.5	25.4	25.2					
p_oilpump_out	bar	-0.0	3.9	4.3	4.1	3.8	4.0	4.2	4.1	4.0	4.1	4.0	3.6					
t_fuelpump_in	°C	19.5	17.1	17.0	16.9	16.9	16.9	16.8	16.8	16.8	16.8	16.8	16.9					
t_oilfilter_out	°C	21.7	91.1	85.7	92.6	88.2	90.9	87.9	88.5	84.7	79.5	79.3	76.8					
t_water_engine_out	°C	46	91	94	93	91	90	88	87	85	85	86	90					
t_cyl_head_cyl_2	°C	22.5	96.1	96.6	99.0	96.5	95.9	91.9	92.8	91.1	88.8	90.8	98.1					
t_cyl_head_cyl_3	°C	21.8	94.9	95.4	97.8	95.1	94.3	91.1	92.4	90.9	88.6	90.9	96.7					
t_exhaust_cyl_1	°C	37	770	776	754	751	795	746	694	678	681	691	571					
t_exhaust_cyl_2	°C	31	747	749	736	730	770	731	690	670	675	685	565					
t_exhaust_cyl_3	°C	29	757	765	749	710	783	785	745	742	774	786	588					
t_exhaust_cyl_4	°C	30	778	789	768	721	805	805	770	759	791	796	591					
p_plenum_intake	mbar	970	931	935	941	945	931	873	828	768	779	777	457					
p_ambient	mbar	968.6	969.2	969.1	969.2	969.1	969.1	968.7	968.6	968.7	968.7	968.6	968.7					
lambda_1	-	4.81	0.91	0.91	0.90	0.93	0.91	0.86	0.78	0.76	0.76	0.76	0.79					
lambda_2	-	4.81	0.85	0.84	0.84	0.88	0.85	0.82	0.77	0.75	0.75	0.75	0.81					
lambda_3	-	4.81	0.92	0.92	0.92	0.88	0.92	1.03	1.13	1.06	1.06	1.06	0.90					
lambda_4	-	4.81	0.92	0.93	0.92	0.86	0.93	1.02	1.07	1.04	1.04	1.04	0.88					

Meta Information

Magnet Test Lane AB-A=255rpm | Lane AB-B=220rpm | Lane A-B=35rpm
Short Circuit Check: OK
Fuel Conservation: Completed

BRP-Rotax GmbH & Co KG
A-4623 Gunskirchen
H. Steininger 30137

ROTAX.

Aircraft - Testrun Protocol

Engine

Engine Number	10005059
Engine Type	AC_912_S

Audit Information

EOL Date	07.02.2024 19:02:35
Operator ID	30080
Testbench ID	602
Test Procedure	P_EL_Carburetor
Result Number	AC0220468

Measure Points

Engine Stopped Measurement	Measure Point 1
Full Load Measurement	Measure Point 2-5
TakeOff Power Measurement	Measure Point 6
Part Load Measurement	Measure Point 7-9
Magnet Test Measurement	Measure Point 10-11
Idle Point Measurement	Measure Point 12

16. 02.2024 ME/Steih/Obe

BRP-Rotax GmbH & Co. KG
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www.rotax.com

ROTECH MOTOR LTD.
6235 OKANAGAN LANDING ROAD,
VERNON BC V1H 1M5,
CANADA

Firmenbuch-Nr.: FN217491s
Landesgericht Wels
UID-Nr. ATU 53018309
BRP-ROTAX GmbH & Co KG
DVR: 0381080

OBERBANK, BLZ 15130
Konto 283-0701/00
IBAN AT70 1513 0002 8307 0100

ROTAX AIRCRAFT ENGINE TYPE 912 S3-01

Enclosed you will find for Rotax engine with S/N:

10.005.059

— test run protocol no. AC0220468 of 07. 02.2024
— authorised release certificate EASA FORM 1 no. B24/0206 of 16. 02. 2024
— engine log book no. 111-424

Best regards

BRP-Rotax GmbH & Co KG

iA BRP-Rotax GmbH & Co KG AT.21.G.0006 30137
Steininger Helmut

iA
Elke Obermair

Enclosure