



TYPE-CERTIFICATE DATA SHEET

NO. EASA.A.644

for
WT9 Dynamic LSA

Type Certificate Holder
Aerospool, spol. s r. o.
Letisková 10, 971 03 Prievidza
Slovak Republic

For models: Club





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SECTION A: MODEL A DESIGNATION

A.I. General

1. Type/ Model/ Variant

1.1 Type: WT9 Dynamic LSA
1.2 Model: Club

2. Airworthiness Category: Restricted

3. Manufacturer: Aerospool, spol. s r. o.
Letisková 10, 971 03 Prievidza
Slovak Republic

4. EASA Type Certification Application Date: 21.12.2010

5. EASA Type Certification Date: 31.08.2017

A.II. EASA Certification Basis

1. Reference Date for determining the applicable requirements: 31.12.2014

2. Airworthiness Requirements: Certification Specifications and Acceptable Means of Compliance for Light Sport Aeroplanes CS-LSA, Amendment 1 from 29 July 2013. For detailed information see CRI-A01

3. Special Conditions: none

4. Exemptions: none

5. (Reserved) Deviations: none

6. Equivalent Safety Findings: ELOS-BLSA.0221-01 - Spinning (CRI B-54),

7. Environmental Protection: CS-36, Amendment 3 (CRI N-01)





A.III. Technical Characteristics and Operational Limitations

1. Type Design Definition: Type Design Definition, AS-RTC-15-001.A1 revision 12
2. Description: Single engine, two-seat, low wing composite construction aircraft with conventional empennage configuration and fixed tricycle landing gear.
3. Equipment: Minimum equipment, see Pilot's Operating Handbook, AS-POH-01-000, Initial issue 15.05.2017 or later approved issue, Section 2.13.2
4. Dimensions
 - Length 6,46 m
 - Span 8,926 m
 - Height 1,85 m
 - Wing Area 10,5 m²
5. Engine
 - 5.1. Model: Rotax 912 ULS2
 - 5.2 Type Certificate: Certified as part of the aircraft
 - 5.3 Limitations: Maximum Power Rating: 73.5 kW / 5800 RPM max. 5 min
Maximum Continuous Power: 69 kW / 5500 RPM
6. Load factors: +4G/-2G
7. Propeller
 - 7.1 Model: EVRA Performance Line 175/xxx/805.5
 - 7.2 Type Certificate: Certified as part of the aircraft
 - 7.3 Number of blades: 3
 - 7.4 Diameter: 1750 ±3 mm
 - 7.5 Rotation direction: Clockwise (in flight direction)
8. Fluids
 - 8.1 Fuel
Refer to Pilot Operating Handbook AS-POH-01-000, Initial issue 15.05.2017 or later approved issue, Section 2
 - 8.2 Oil
Refer to Pilot Operating Handbook AS-POH-01-000, Initial issue 15.05.2017 or later approved issue, Section 2
 - 8.3 Coolant
Refer to Pilot Operating Handbook AS-POH-01-000, Initial issue 15.05.2017 or later approved issue, Section 2





9. Fluid capacities

9.1 Fuel

Total: 126 liters

Usable: 119 liters

9.2 Oil

Maximum oil capacity: 3.5 liters

Minimum oil required: marked on dipstick

9.3 Coolant system

2.5 liters (approximately)

10. Air Speeds (CAS)

V_{NE}: 142 kts (263 km/h)

V_C: 113 kts (210 km/h)

V_A: 96 kts (177 km/h)

V_{FE}: 83 kts (153 km/h)

11. Flight Envelope

Maximum operating altitude 15,000 ft MSL

12. Approved Operations Capability

VFR day operations only

13. Maximum Masses

Maximum takeoff: 600 kg

Maximum landing: 600 kg

Maximum empty: 410,8 kg

Maximum fuel: 90,7 kg

14. Centre of Gravity Range

Forward CG limit: 18,3% MAC / 2704 mm aft of datum

Aft CG limit: 28.5% MAC / 2824 mm aft of datum

15. Reference datum

1975 mm forward of firewall (surface from cockpit)

16. Control surface deflections

Refer to AMM

17. Levelling Means

AS-POH-01-000, Initial issue 15.05.2017 or later approved issue,
Section 6

AS-AMM-01-000, Initial issue 22. 05. 2017 or later approved
issue, ATA Chapter 08

18. Minimum Flight Crew

One (1) pilot

19. Maximum Passenger Seating Capacity

One (1) passenger

20. Baggage/ Cargo Compartments

Forward compartment: divided in 2 sections

Maximum load: 20 kg (10 kg in each section)

Rear compartment: behind backrest, divided in 2 sections

Maximum load: 40 kg (20 kg in each section)





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|--------------------------|---|
| 21. Wheels and Tyres | Main wheel Tyre Size 15x6.00-6
Nose wheel Tyre Size 13x5.00-6 |
| 22. Lifetime limitations | Refer to AMM, AS-AMM-01-000, Initial issue 22.05.2017 or later approved issue, Section 05 |

A.IV. Operating and Service Instructions

- | | |
|--------------------------------|---|
| 1. Flight Manual | AS-POH-01-000, Initial issue 15.05.2017 or later approved issue |
| 2. Maintenance Manual | AS-AMM-01-000, Initial issue 22.05.2017 or later approved issue |
| 3. Structural Repair Manual | Refer to AMM |
| 4. Weight and Balance Manual | Refer to POH |
| 5. Wiring Manual | AS-AWM-01-000, Initial issue 07.08.2017 or later approved issue |
| 6. Illustrated Parts Catalogue | AS-IPC-01-000, Initial issue 07.08.2017 or later approved issue |

A.V. Notes

None





SECTION ADMINISTRATIVE

I. Acronyms & Abbreviations

AMM	Aircraft maintenance manual
CS-LSA	Certification specification for light sport aeroplanes
EASA	European aviation safety agency
IPC	Illustrated parts catalogue
KIAS	Indicated airspeed in knots
KTAS	True airspeed in knots
MAC	Mean aerodynamic chord
MSL	Mean sea level
MDL	Master document list
POH	Pilot's operating handbook
RPM	Revolutions per minute
VFR	Visual flight rules

II. Type Certificate Holder Record

Aerospool, spol. s r. o.
Letisková 10, 971 03 Prievidza
Slovak Republic

III. Change Record

Issue	Date	Changes	TC Issue No. & Date
Issue 01	31/08/2017	Initial Issue	31/08/2017

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