

Shark



WORLD RECORD

FACTS AND SPECIFICATIONS
CRAFTED IN CZECHOSLOVAKIA

SHARK AIRCRAFT

ENGINE

ROTAX 912ULS - 75 KW (100 HP)

PROPELLER

WOODCOMP SR-3000 2W, 2-BLADE ELECTRIC IN FLIGHT ADJUSTABLE

WOODCOMP KW-20W, 2-BLADE HYDRAULIC IN FLIGHT ADJUSTABLE

FUEL CAPACITY

100/150 LITRES

PERFORMANCE

SPEEDS

NEVER EXCEED SPEED V_{NE}	333 km/h
MAX. CRUISING SPEED V_H	290 km/h
OPTIMUM CRUISING SPEED	250 km/h
STALL SPEED, CLEAN	80 km/h
STALL SPEED, FULL FLAPS	64 km/h
MAX. CLIMB RATE	7,5 m/s

RANGE AND CONSUMPTION*

MAX. RANGE IN LONG RANGE CRUISE	2 500 km
FUEL CONSUMPTION IN LONG RANGE CRUISE	12 l/hour
MAX. RANGE IN FAST CRUISE	1 920 km
FUEL CONSUMPTION IN FAST CRUISE	21 l/hour

* FOR 150 L FUEL TANKS

LOAD FACTOR

MAXIMUM POSITIVE	+ 4
MAXIMUM NEGATIVE	- 2

OPERATING TEMPERATURE

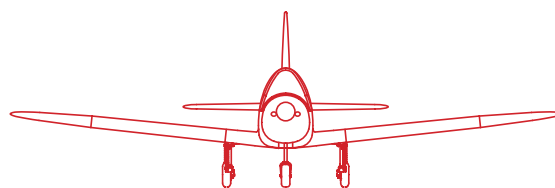
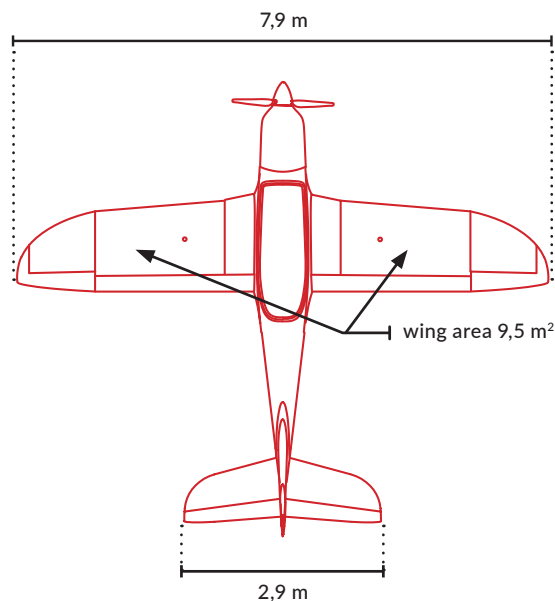
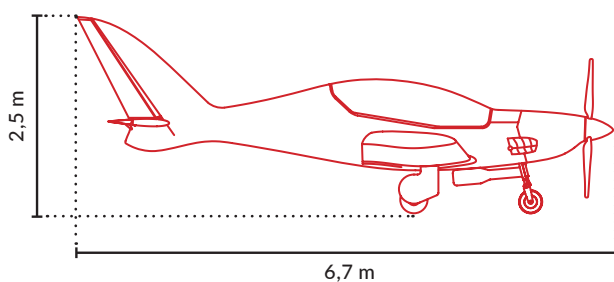
MINIMUM	-25 °C
MAXIMUM	+50 °C

WEIGHTS

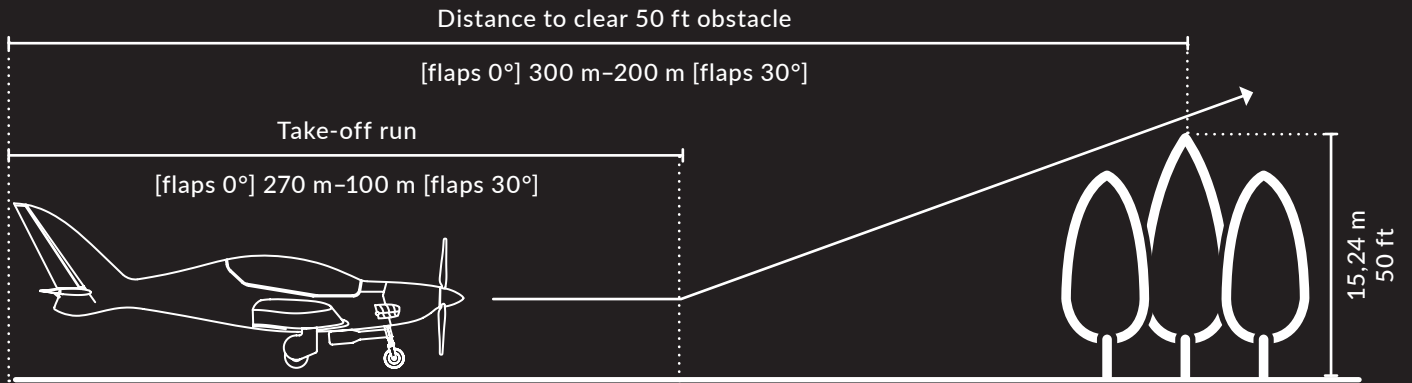
EMPTY WEIGHT (BASIC OPERATING WEIGHT)**	295 kg
MAX. TAKE-OFF WEIGHT (MTOW)	472,5/600 kg

** INCLUDING BALLISTIC RECOVERY SYSTEM - PARACHUTE

DIMENSIONS

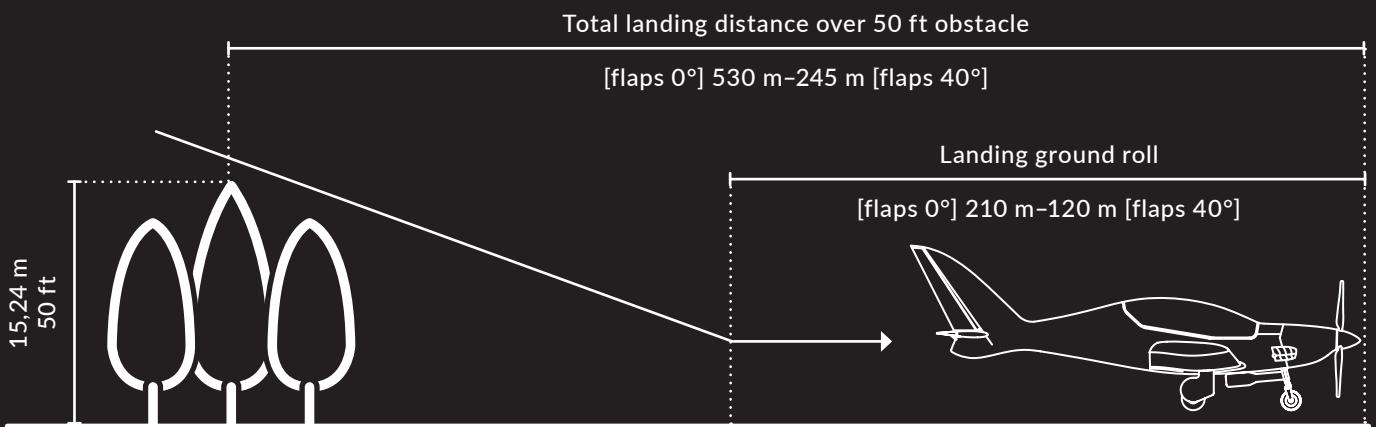


TAKE-OFF AND LANDING



TAKE-OFF AND LANDING

TAKE-OFF GROUND ROLL, SEA LEVEL [FLAPS 20°]	110 m
TAKE-OFF DISTANCE TO CLEAR 50 ft OBSTACLE, SEA LEVEL [FLAPS 20°]	210 m
LANDING GROUND ROLL, SEA LEVEL [FLAPS 30°]	150 m
LANDING DISTANCE TO CLEAR 50 ft OBSTACLE, SEA LEVEL [FLAPS 30°]	290 m



FEATURES

- 1 In flight adjustable propeller
- 2 Ballistic recovery system – parachute
- 3 Dynon SkyView touch display
- 4 Tandem seating
- 5 Retractable landing gear
- 6 Optimized wing profile
- 7 Cargo doors
- 8 Reinforced carbon fibre monocoque cockpit

