



MCR R100

- ✓ Light tow plane
- ✓ High climb rate
- ✓ Simultaneous takeoff with the towed glider
- ✓ Oil-pneumatic tricycle train
- ✓ Economical

**Light
aircraft
2-seater
CNSK
Daytime
VFR**



Instrument panel: Double SkyView HDX Dynon Avionics (option)

	MCR R100	
Engine	Rotax 912 ULS	Rotax 914 UL
Engine power	100 hp	115 hp
Cruise speed (TAS) (sea level @75% power)	222 km/h (120kt)	227 km/h (123kt)
Maximum cruise speed (TAS) (@75% power and FL65)	246 km/h (133kt)	252 km/h (136kt)
Stall speed (IAS) (full flaps)	70 km/h (38kt)	70 km/h (38kt)
MTOW	544 kg	544 kg
Empty weight (without option and with full options)	230 kg – 270 kg	230 kg – 270 kg
Payload	274 kg – 314 kg	274 kg – 314 kg
Fuel consumption	20 L/h	22 L/h
Fuel tanks capacity	80 L	80 L
Autonomy (75% power)	4 h	3.6 h
Range (75% power and FL65)	984 km (531NM)	915 km (494NM)
Maximum range (economic cruise)	1347 km (727NM)	1087 km (587NM)

PROPELLER:

- Three blades variable pitch (glider towing specific)
- Three blades fixed pitch (glider towing specific)

FUSELAGE:

- Carbon fiber construction ensuring resistance, lightness and absence of corrosion
- Heating and ventilation
- Electric flaps control
- Electric elevator trim and electric fin trim controlled from the stick

LANDING GEAR:

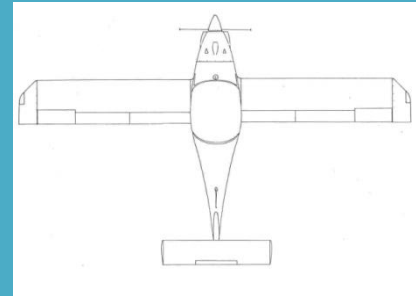
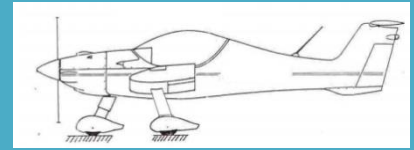
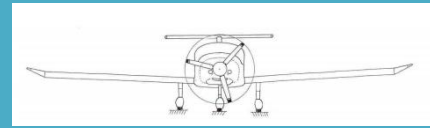
- Oleo-pneumatic tricycle landing gear with wheel hull
- Hydraulic brakes: controlled by hand or toe-brakes

OPTIONS:

- Glider towing possible
- Cell parachute
- Personalized avionics: GPS, radio, TCAS, autopilot ... (AvMap, Dynon, Garmin)
- Landing light, strobe light and navigation lights
- Fuel tanks: 80L
- Cowling flap
- Ground anchor loops

TOWING SYSTEM

- TOST cable reel
- Takeoff roll: 40% shorter than a DR400-180R
- Time to launch: 30% lower than a DR400-180R



Wingspan: 8.64 m
Length: 5.53 m
Wing area: 8.13 m²
Cabin width: 1.12 m



	Climb rate (914UL engine)
Two-seat glider towing (ASK 21 600kg)	2.2 m/s to 2.6 m/s
Single-seat glider towing(300kg)	3.5 m/s to 4 m/s

