



MCR 4S - 2002

MCR 4S EVOLUTION

« The only true 4-seater for economical trips »

- ✓ Fast
- ✓ Economical
- ✓ Large payload: up to 450 kg
- ✓ STOL Performances: takeoff and climb to a height of 50 feet in 450 m

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



Instrument panel : Double SkyView HDX Dynon Avionics (option)

**160g
CO₂/km
In Eco cruise
conditions**



	<i>MCR 4S - 2002</i>		<i>MCR 4S Evolution</i>			
Engine	Rotax 912 ULS		Rotax 914 UL		Rotax 915 iS	
Engine power	100 hp		115 hp		141 hp	
Cruise speed (TAS) (sea level @75% power)	218 km/h (118kt)		228 km/h (123kt)		244 km/h (132kt)	
Maximum cruise speed (TAS) (@75% power and FL65 for 912S or FL95 for 914/915)	242 km/h (130kt)		264 km/h (143kt)		283 km/h (153kt)	
Stall speed (IAS) (full flaps)	83 km/h (45kt)		86 km/h (46kt)		86 km/h (46kt)	
MTOW	750 kg		820 kg		820 kg	
Empty weight (without option and with full options)	350 kg - 380 kg		360 kg - 390 kg		370 kg - 400 kg	
Payload	370 kg - 400 kg		430 kg - 460 kg		420 kg - 450 kg	
Fuel consumption	20 L/h		22 L/h		26.5 L/h	
Fuel tanks capacity	120L	200L	120L	200L	120L	200L
Autonomy (75% power)	6h	10h	5.5h	9.1h	4.5h	7.5h
Range (75% power and FL65 (912S) or FL95 (914 and 915))	1449 km (782NM)	2415 km (1304NM)	1440 km (778NM)	2400 km (1296NM)	1279 km (691NM)	2132 km (1151NM)
Maximum range (economic cruise)	1616 km (873NM)	2694 km (1455NM)	1630 km (880NM)	2716 km (1467NM)	1651 km (891NM)	2752 km (1486NM)

PROPELLER

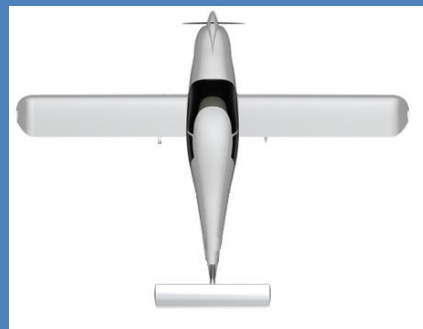
- MT Propeller electric or hydraulic variable pitch, two or three blades
- MT Propeller and E-props fix pitch, two or three blades

AIR FRAME :

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

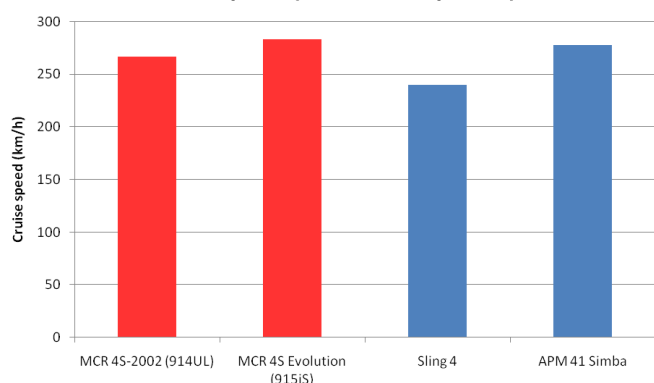
OPTIONS :

- Cell parachute (compulsory for MCR 4S Evolution equipped with a Rotax 915 iS engine)
- Personalized avionics: GPS, radio, TCAS, autopilot ... (AvMap, Dynon, Garmin)
- Landing light, strobe light, navigation lights and wig-wag
- Fuel tanks: 120L or 200L
- Cowling flap
- Rear left window opening
- Ground anchor loops
- Glider towing possible

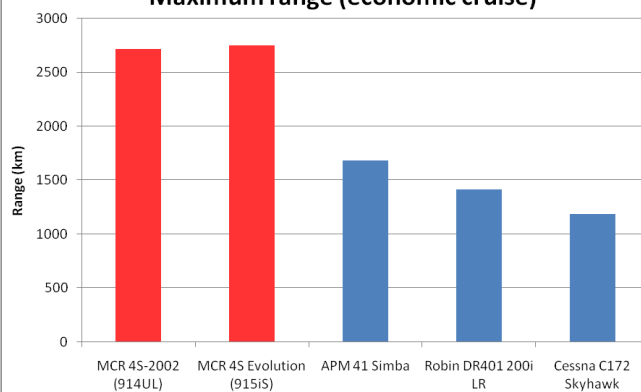


Wingspan: 8.66 m
Length: 6.72 m
Wing area: 8.15 m²
Cabin width: 1.17 m

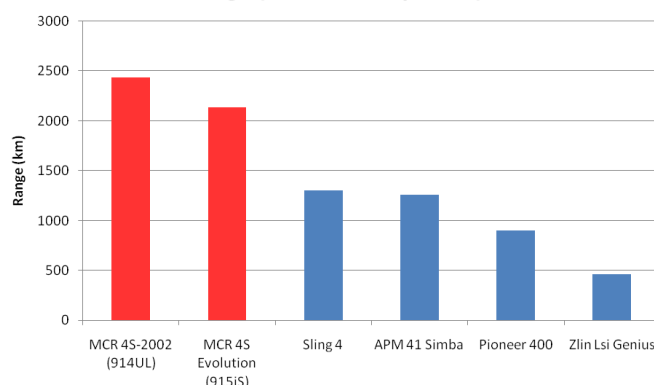
Cruise speed (FL95 @75% power)



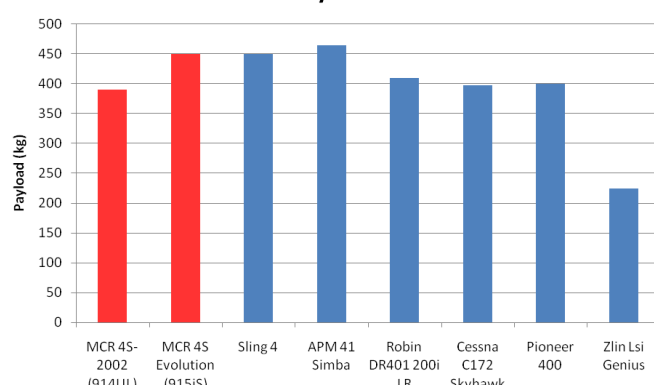
Maximum range (economic cruise)



Range (FL95 @75% power)



Payload



Sources : www.slingaircraft.com/aircraft/sling-4/ www.apm.aero/avion-apm40.php www.robin-aircraft.com/gamme-2/dr401-200i/ cessna.txtav.com/en/piston/cessna-skyhawk
www.zlinaircraft.eu/fr/Avions/ZLIN-Z-143-LSI-GENIUS-fr/ www.alpiaviation.com/en/models.htm?mod=Pioneer%20400%20-%20912%20ULS Consultation date : May 27th, 2020

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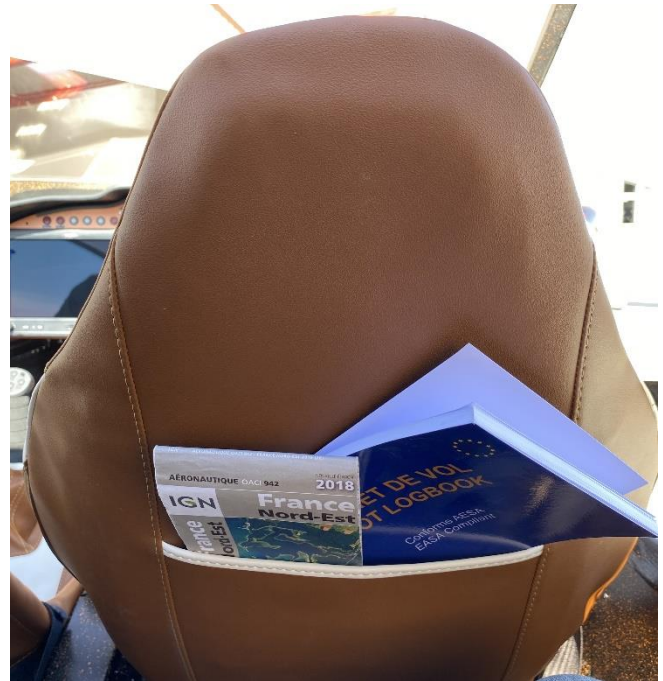
- Glass cockpit



- New seats



- New upholstery



- New cabin ventilators



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- New flap system



- Reinforced canopy



- New opening windows



- Tow bar



- Removable anchorage points



- Integrated landing light

