



MCR ULC EVOLUTION

« The lightest ultralight for fast trip »

- ✓ Ultralight for traveling
- ✓ Fast
- ✓ Large payload

Ultra
light
2-seater



150g
CO2/ km



Instrument panel: Double SkyView HDX Dynon Avionics (option)

MCR ULC EVOLUTION						
Engine	Rotax 912 UL			Rotax 912 ULS		
Engine power	80 hp			100 hp		
Cruise speed (TAS) <small>(sea level @75% power)</small>	215 km/h (116kt)			225 km/h (121kt)		
Maximum cruise speed (TAS) <small>(@75% power and FL65)</small>	238 km/h (129kt)			249 km/h (135kt)		
Stall speed (IAS) <small>(full flaps)</small>	67 km/h (36kt)			67 km/h (36kt)		
MTOW	525 kg			525 kg		
Empty weight <small>(without option and with full options)</small>	250 kg - 280 kg			255 kg - 285 kg		
Payload	245 kg - 275 kg			240 kg - 270 kg		
Fuel consumption	17 L/h			20 L/h		
Fuel tanks capacity	80 L	100 L	150 L	80 L	100 L	150 L
Autonomy (75% power)	4.7h	5.9h	8.8h	4h	5h	7.5h
Range (75% power and FL65)	1121 km (605NM)	1401km (756NM)	2102 km (1135NM)	997 km (538NM)	1247 km (673NM)	1870 km (1010NM)
Maximum range <small>(economic cruise)</small>	1333 km (720NM)	1667 km (900NM)	2500 km (1350NM)	1347 km (727NM)	1684 km (909NM)	2525 km (1363NM)

PROPELLER:

- MT Propeller electric or hydraulic variable pitch, two or three blades
- MT Propeller or E-props fixed pitch propeller, two or three blades

FUSELAGE:

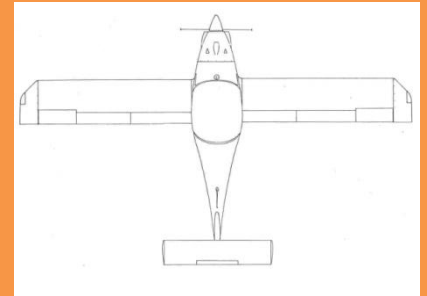
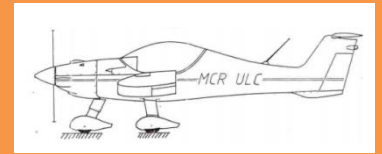
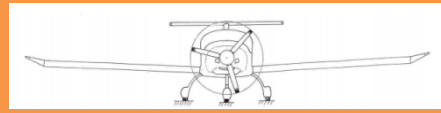
- Carbon fiber construction ensuring resistance, lightness and absence of corrosion
- Heating and ventilation
- Electric flaps control
- Electric elevator trim and electric fin trim controlled from the stick

LANDING GEAR:

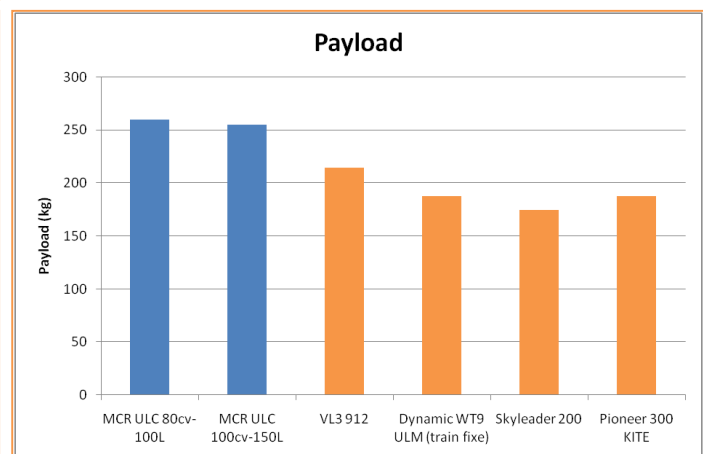
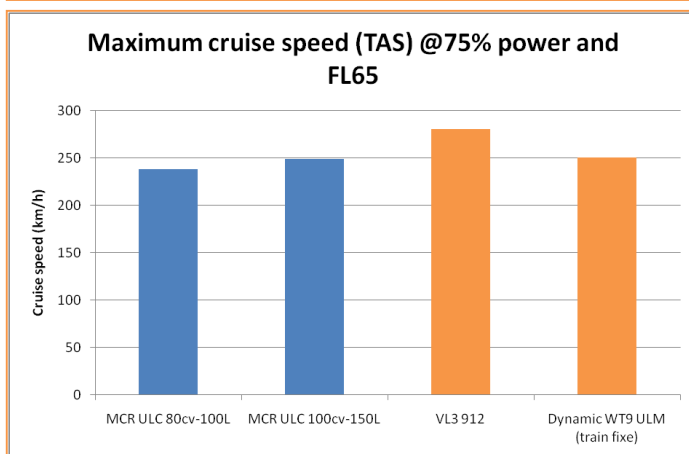
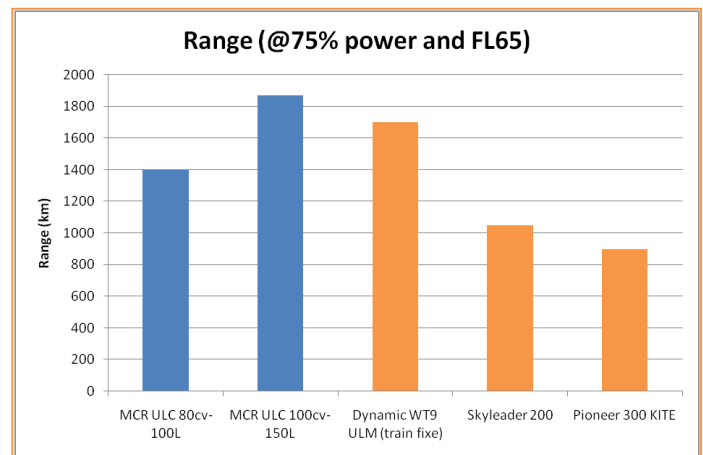
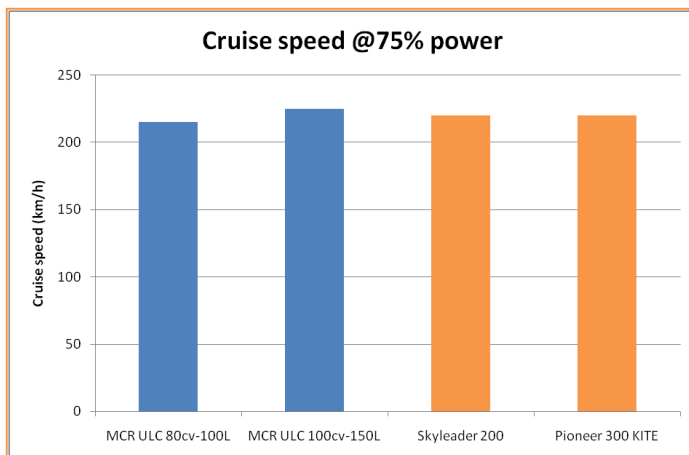
- Carbon and glass fiber blades for main landing gear and sandow for nose landing gear
- Hydraulic brakes: controlled by hand or toe-brakes

OPTIONS:

- Cell parachute
- Personalized avionics: GPS, radio, TCAS, autopilot ... (AvMap, Dynon, Garmin)
- Landing light, strobe light and navigation lights
- Fuel tanks: 80L or 100L or 150L
- Cowling flap
- Ground anchor loops
- Glider towing possible



Wingspan: 8.66 m
Length: 5.53 m
Wing area: 8.31 m²
Cabin width: 1.12 m



Sources : www.jmbaircraft.com/aircraft www.wt9-dynamic.eu/dynamicwt9trainfixe/ france.skyleader.aero/sky200.htm www.alpiaviation.com/en/models.htm?mod=Pioneer%20300%20KITE%20-%20ULM Consultation date: May 28th, 2020