

“MCR TC-135”

**A new generation airplane, by Dyn'Aero prepared by
C.A. priced at 125 000 Euros***



Formerly the MRC 4S Pick Up, this outstanding design from Christophe Robin (son of the famous ROBIN airplane serial designer), was chosen by Raphael CELIER a world known aircraft designer to be specially prepared in & out to become the MRC TC-135. Acronym for Turbo Carbon 135 hp.

But the design was so promising, in terms of aerodynamics, great handling, outstanding performances...That Raphael decide in accordance and agreement with Christophe to propose this very special version extracted from the stock MCR Pick Up 100 hp.

...based on our now famous and reliable engine, developed through CELIER Aviation, the certified CA912ULT or more simply the Rotax 912 UL Turbo Mitsubishi. More than 100 engines flying with success and 30 000 hours flown by end July 2010. Our mechanical failure statistics are perfect with a 100% ok. This Rotax version is now certified, we offer full one year warranty and 2000 hours TBO.

*Price without options and taxe.

Features on standard

Fuselage constructed from lightweight Carbon fiber micro-sandwich
Fixed tricycle undercarriage for easy ground handling
Steerable nose-wheel with telescopic suspension
Large canopy for superior vision
Full Dual control – dual sticks and rudders
Advanced wing design
Advanced double slotted flap design
Wing tips designed to maximum lift & stability
All flying aluminum skin “T” tail
Comfortable lightweight and adjustable carbon seat shells with Alcantara upholstery
Adjustable rudder pedals for pilot comfort
Electric flaps and pitch trim as standard
130 liter fuel tanks + electric gauges.
NACA cabin air ducts incorporated in fuselage molding
Cabin ventilation and heating system
Locking hand-brake (two lever differential)
Cargo back area with 2 m3
Ballistic Parachute Galaxy 600
Aerodynamic wheel spats
MGL Voyager glass cockpit, 3D navigation – GPS – fuel flow
Radio Filser ATR 500
Glove box on right side panel



Options: (see price list for complete information)

Second glass cockpit MGL Voyager, back view camera, FLIR camera, transponder Filser with alticoder mod S, ELT, TiCAS, specific paint job, medical transport stretcher, oxygen kit, full sound proofing (engine compartment and cabin carpetting), cabin lights, extra foldable fuel tank with 70 liters and its transfer pump, extra openable left back side window, navigation and strobe lights, HID landing light, specific instrument installation...

Aircraft Dimensions

Weights

Minimum empty weight 280 kg (without options)

Maximum take-off weight 472,5 kg (Europe version) and 600 kg export

Wing loading 54 - 68 kg/m²

General

Length 6.72 m (22')

Height 1.9 m (6' 3")

Cabin width 1.2 m (47")

Fuel capacity 130 l (26 imp gal)

Wing

Wing Span 8.72 m (28' 7")

Wing area 8.30 m² (89.39 ft²)

Aspect Ratio 9.20

Mean wing chord 0.96 m (38")

Dihedral 3 °

All Flying T tailplane

Tailplane span 2.5 m (8' 2")

Tailplane area 1.375 m² (20.23 ft²)

Tailplane mean chord 0.55 m (22")

Max Upward deflection 5 °

Max downward deflection 10 °

Double slotted Flaps

Span 2.52 m 8' (3")

Chord 0.395 m (16")

Cruise setting 0 °

Take off setting 17 °

Landing setting 45 °

Aileron

Span 0.84 m (33")

Chord 0.385 m (15")

Max upward deflection 20 °

Max downward deflection 10 °

PERFORMANCES (135 hp)*:

Roll T.O distance	100 m
Take-off distance to clear 50 ft	200 m
Take-off speed	80 km/h
Initial rate of climb at sea level (gross weight)	1800 ft/min
Maximum level speed at sea level	330 km/h
Manoeuvre speed	232 km/h
Max speed in turbulence	263 km/h
Cruise speed at 75% power at sea level	300 km/h
Cruise speed at 65% power at 4000 ft	270 km/h
Stall speed with flaps	65 km/h
Stall clean	75 km/h
Landing roll	150 m
Service ceiling at gross weight	21 000 ft / 7000 m
Maximum range with standard tanks	1885 km
Fuel consumption at 65%	18 l/h
Fuel consumption at 75%	22 l/h

*ISO conditions at 472,5 kg



*Comfort, elegance, performance, silence and security... it's the
MCR TC-135...*



CELIER Aviation, 96-313 Jaktorow-Kolonia POLAND

Tel / Fax: +48 46 856 52 24

Email : raphael@celieraviation.eu