

1.2. DIMENSIONS

WING	
Wing span	8,777 m
Wing chord	1,209 m
Wing surface	10,13 m ²
Dihedral	5°
AILERONS	
Aileron span	1,741 m
Mean chord	0,27 m
Aileron surface	0,47 m ²
Steering angle (stroke)	24° ± 1° (up) 12° ± 1° (down)
FLAPS	
Flap span	1,741 m
Mean chord	0,38 m
Flap surface	0,66 m ²
Flaps positions	0° / 35° (down)
FUSELAGE	
Total length	7,248 m
Max width	1,20 m
Max height	2,553 m
Frontal surface	1,20 m ²
Max section surface	1,00 m ²
Fuselage surface crossed by air flow	14 m ²
TAIL PLANE (HORIZONTAL TAIL)	
Wing span	2,972 m
Mean chord	0,758 m
Aspect ratio	2,2 m ²
Extension	4,3
Angle of incidence	+ 1,2

ELEVATOR	
Elevator span	2,972 m
Surface	0,77 m ²
Stroke	20° (up) 15° (down)
TRIM	
Width	0,75 m
Chord	0,075 m
Stroke	20°±2° (up) 20°±2° (down)
VERTICAL FIN	
Vertical fin span	1,351 m
Minimum chord	0,645 m
Maximum chord	1,236 m
Mean chord	0,947 m
Surface	1,12 m ²
Extension	1,4
RUDDER	
Surface	0,42 m ²
Steering angle	±25° ± 1°
ENGINE	
Engine model	ROTAX 912 ULS
Maximum rotational speed of the propeller	2400/2800 according to the engine model
Maximum rotational speed of the engine	5800 rpm in 5min / 5600
Propeller	According to the customer's demand
UNDERCARRIAGE	
Width of the rear landing gear (undercarriage)	1,6 m
Distance between the turning wheel and the rear landing gear	1,5 m