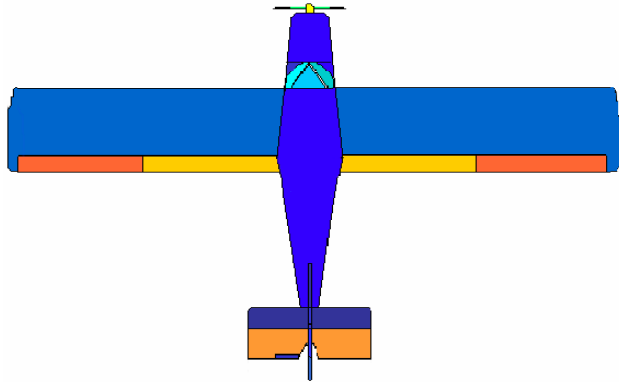


M. 158 -AeroEastEurope d.o.o. Srbija-

JAR VLA 600Kg

Technical Specifications



Wing Span	9.50 m
Wing Chord	1.23 m
Wing Area	11.7 m ²
Lenght	6.3 m
Cabin Height	1.13 m
Cabin Width	1.16 m
Landing Gear	Tricycle
Main Landing Gear Width	2.0 m
Seats	2 side by side
Baggage Compartment	40 Kg
Engine	Rotax 912 UL 80 HP Rotax 912 ULS 100 HP
Propeller Woodcomp	2 or 3 Blades Fix or VPP
Fuel Tanks Nr. 3	87 litres + 8 litres Safety Tank
Basic Empty Weight	282 Light - 310Kg
MTOW	472,5 Light - 600Kg

PERFORMANCES

912 UL; ULS; UL TURBO AEE

Data referring to STD Conditions when 550Kg



Vne	124, (230)	KTS, (Km/h)
Max Speed	103/108, (190/200)	KTS, (Km/h)
Cruising Speed 75% of the power	94/100, (175/185)	KTS, (Km/h)
Vso	29, (54)	KTS, (Km/h)
Vs	33, (62)	KTS, (Km/h)
Va	67, (124)	KTS, (Km/h)
Vc	100, (185)	KTS, (Km/h)
Vno	35/100, (64/185)	KTS, (Km/h)
Xss Wind Component	22, (40)	KTS, (Km/h)
Tail Wind Component	8,6; (16)	KTS, (Km/h)
Rate of Climb	5.2/5.9	m/s
Endurance 75 % of the power	5:30/4:50	Ore
Range 75 % of the power	970/900	Km
Service Ceiling	3.660	m
T Off Run	60/70	m
T Off Distance (obs 15mt)	138/120	m
L run	70	m

MTOW	Cont. Load Factor	Ultimate Load Factor
PBMO	Fc -	Fld -
600 Kg	Fc = 2,00	Fld = 3.00
495 Kg	Fc ≥ 2.42	Fld ≥ 3.64
450 Kg	Fc ≥ 2.66	Fld ≥ 3.99
MTOW	Cont. Load Factor	Ultimate Load Factor
PBMO	Fc +	Fld +
600 Kg	Fc = 4,00	Fld = 6.00
495 Kg	Fc ≥ 4,84	Fld ≥ 7.27
450 Kg	Fc ≥ 5.33	Fld ≥ 8,00

