

PERFORMANCE

	120Lite	120A	160A		155R	180R
Max Take Off Weight	800 kg	900 kg	1 000 kg	Cruising speed at 75% power and 8 000 ft. Fuel tanks standard tanks + (optional tanks) Fuel consumption at 75% power and 8 000 ft. Climb rate with glider for a tow of 840 kg with a glider of 600 kg at 2 000 ft. Taxiing with glider With a glider of 600 kg at 2 000 ft. Take-off 50 ft obstacle clearance with glider of 600 kg Unloaded weight Engine Standard propeller Option	121 kt	137 kt
Payload standard equipment and avionics no fuel on board	280 kg	315 kg	380 kg		110 L (+50)	110 L (+50)
Cruising Speed at 75% power and 8 000 ft.	112 kts	116 kts	127 kts		23,5 L/h	38 L/h
Fuel tanks standard tanks + (optional tanks)	110 L	110 L (+50)	110 L (+50)		450 fpm	500 fpm
Fuel consumption at 75% power and 8 000 ft.	25 L/h	25 L/h	33 L/h		417 m	515 m
Flying range	910 km	950 km	1 185 km		800 m	860 m
Take-off distance from the stop to pass 50 ft AMSL	500 m	535 m			660 kg	650 kg
Climb rate AMSL	787 fpm	635 fpm	866 fpm		Continental TAE 125-02-114 (155cv)	LYCOMING O-360-A1P (180cv)
Climb rate at full mass at 8 000 ft.	347 fpm	236 fpm	492 fpm		MT PROPELLER MTV-6-A/190-69 Tri pale Constant speed	SENSENICH 76 EM8 S5-0-58 Bipale
Engine	LYCOMING O-235-L2A (108cv)	LYCOMING O-235-L2A (120cv)	LYCOMING O-320-D2A (160cv)		MT PROPELLER MTV-22-B/174-12 Quadripale Constant speed	
Standard propeller	SENSENICH 72 CK S6-0-56	SENSENICH 72 CK S6-0-54	SENSENICH 74 DM6 S5-2-64			

	160LR	180LR	200i	155CDI		CAP10-C
Max Take Off Weight	1 050 kg	1 100 kg	1 100 kg	1 100 kg	Service ceiling Flight envelope Climb rate Rate of roll Cruising speed (75% / 5 000 ft) Fuel flow (75% / 5 000 ft) Wingspan Engine Standard propeller	16 400 ft
Payload standard equipment and avionics no fuel on board	425 kg	470 kg	430 kg	440 kg		+6 / -4,5G
Cruising Speed at 75% power and 8 000 ft.	132 kts	138 kts	140 kts	123 kts		1004 fpm
Fuel tanks standard tanks + (optional tanks)	190 L	190 L (+50)	190 L (+50)	110 L (+50)		180°/s
Fuel consumption at 75% power and 8 000 ft.	33 L/h	38 L/h	42,5 L/h	23,5 L/h		117 kts
Flying range	1 410 km	1 600 km	1 160 km	1 550 km		42 L/h
Take-off distance from the stop to pass 50 ft AMSL	590 m	515 m	420 m	420 m		8,06 m
Climb rate AMSL	837 fpm	885 fpm	1090 fpm	740 fpm		Lycoming AEIO 360-B2F (180cv)
Climb rate at full mass at 8 000 ft.	413 fpm	509 fpm	655 fpm	656 fpm		Hoffmann HO29HM-180-170
Engine	LYCOMING O-320-D2A (160cv)	LYCOMING O-360-A1P (180cv)	LYCOMING IO-360-A1B6 (200cv)	Continental TAE 125-02-114 (155cv)		
Standard propeller	SENSENICH 74 DM6 S5-2-64	SENSENICH 74 DM6 S5-2-64	SENSENICH 72 CK S6-0-56	SENSENICH 72 CK S6-0-56		

