EDGE X - PERFORMANCE

	503-UL				582-UL			
	Streak Wing		Wizard Wing		Streak Wing		Wizard Wing	
	Min Weight	Max Weight	Min Weight	Max Weight	Min Weight	Max Weight	Min Weight	Max Weight
V_{ne} Knots (IAS)	81	81	54	54	81	81	54	54
Manoeuvring speed Knots (IAS)	81	81	54	54	81	81	54	54
Trim Speed (Middle Hole) Knots (IAS)	40-50	40-50	30-36	30-36	40-50	40-50	30-36	30-36
Stall Speed Power Off knots (IAS)	23	30	23	28	23	30	23	28
Take Off Safety Speed knots (IAS)	45	50	31	37	45	50	31	37
Nominated Approach Speed knots (IAS)	45	50	31	37	45	50	31	37
Maximum Level Speed knots (IAS)	70	70	50	50	75	80	50	50
Cross winds of up to knots	11	14	11	14	11	14	11	14
Climb Rate at take off safety speed fpm		525		430		770		525
Cruising Speed Fwd CG knots (IAS)	60	65	40	45	60	65	40	45
Sink Rate at cruising speed fpm		420		450		420		450
Sink Rate at V_{ne} fpm		1670		904		1670		904
Glide Ratio (engine off)	11:1	11:1	10:1	10:1	11:1	11:1	10:1	10:1
Take Off Distance (See Note 1) metres		220		220		240		240
Landing Distance (See Note 1) metres		230		210		230		210
Min airstrip length metres		310		310		340		340
Max wind operating conditions (at ground Level) knots	20	20	20	20	20	20	20	20