

FALCON ELECTRONIC SPEED CONTROLLER SETTING RECOMMENDATION

Setting	Glider	F3A	3D Aerobatics
Acceleration	1s	1s	0.5s or less
Timing	Auto	Auto	Auto
Startup Power	Auto	Auto	Auto (or up to +10)
Motor Type	Standard	Standard	Standard ¹⁾
Brake	Soft or Medium	Off	Off
Brake Start	-	-	-
Brake End	-	-	-
Brake Transition	-	-	-
Brake Wait Time	-	-	-
Gear Ratio	¹⁾	¹⁾	¹⁾
Motor Poles	¹⁾	¹⁾	¹⁾
Prop Position	-	-	-
Positioning PWM	-	-	-
Pos. Hold Time	-	-	-
Motor Enabled	Always	Always	Always
Freewheeling	Normal	Active Braking	Active Braking

¹⁾ Depends on motor type.

Setting	Glider with retractable engine	Hotliner/F5B	EDF
Acceleration	1s	0.5s	1-2s
Timing	Auto ¹⁾	6-10° ¹⁾	Auto or 8-14° ¹⁾
Startup Power	Auto	+5	Auto
Motor Type	Standard	Standard	Standard or High Speed ¹⁾
Brake	Soft or Medium	Manual	Off
Brake Start	-	20%	-
Brake End	-	100%	-
Brake Transition	-	0.2s	-
Brake Wait Time	-	0	-
Gear Ratio	¹⁾	¹⁾	¹⁾
Motor Poles	¹⁾	¹⁾	¹⁾
Prop Position	Hall Sensor	-	-
Positioning PWM	4-7%	-	-
Pos. Hold Time	10 – 60s	-	-
Motor Enabled	Always or InputPin Log.0/1	Always	Always
Freewheeling	Normal	Normal	Active Braking

¹⁾ Depends on motor type.