Cobalt F5J							Philip Kolb	2/09/2021
Preliminary Settings								
Settings	Speed*	Cruise	Ldmax	Thermal	Float			
Elevator Throws	± 9	± 12	± 12	± 13	± 10			
Rudder Throws	± 10	± 18	± 20	± 22	± 22			
Aileron Throws (Ailerons - outer)	± 12	± 14	± 15	± 15.5	+ 12 -13			
Aileron Throws (Flaps - inner)	± 3.3	± 3.9	± 4.2	± 7.4	+ 6.6 - 7.1			
Aileron Throws (Rudder - Tail)	0	± 10.8	± 14	± 22	± 22			
Aileron Differential	0%	0%	0%	0%	8%			
Aileron -> Flap Mix	28%	28%	28%	48%	55%			
Aileron -> Rudder Mix (Combiswitch)	0%	60%	70%	100%	100%			
Elevator -> Camber Mix (snapflap)	+2.6 -0.8	+3.2 -2.4	+4 -3.2	+4 -4.8 (FL) +3.5 -4.8 (Ail)	+3 -6.7 (FL) +2.5 -6.4 (Ail)			
Camber Trim (Wings trailing edge)	0	+ 1.6	+ 3.2	+ 4.8	+6.7 (FL) +6.4 (Ail)			
Elevator Trim	+0.2	0	0	+0.1	+0.2			
Crowbreak -> Flaps	+70							
Crowbreak -> Aileron	-8							
Crowbreak -> Elevator	+5							
Throws = RED					Alle Values are measured in DEGREES !!! (if not mentioned otherwise)			
Mixers = ORANGE								
Trim = YELLOW					Positive Value: Downward Throw			
Towhookposition:	x				Negative Value: Upward Throw			
CG measured at rootchord	105mm							
Snapflap-Values are measured from the according trim in each flightphase top the "full snapflap-value" when the elevator is fully pulled / pushed!								
* "Phase Speed" means that the Lower side of the wing (wings airfoils) is clean without any kinks! All Angles on the wing are measured at the REAR Flap!!! The Angle-Ratio of the FRONT Flap is then 50% of the REAR Flaps value!								