






Pike Paradigm					Philip Kolb
Installations (Flightmodes)	Normal	Fast Cruise	Speed	max LD	Thermal
Elevator Throws	+ 13 / -13.5	+ 12 / -12.5	+ 9.5 / -10	+ 13.5 / -14	+ 14.5 / -15
Rudder Throws	± 18	± 16	± 10	± 19	± 20
Aileron Throws (Aileron)	± 14	± 13	± 10	± 14.5	± 13
Aileron Throws (Flaps)	± 4.1	± 3.8	± 2.9	± 4.2	± 8.7
Aileron Throws (Rudder)	± 9	± 5	0	± 12	± 18
Aileron Differential	0%	0%	0%	0%	0%
Aileron to Flap Mix	29%	29%	29%	29%	67%
Aileron to Rudder Mix (Combi Switch)	50%	31%	0%	75%	90%
Elevator to Camber Mix (Snap Flap)	+3.0 / - 1.5	+1.5 / - 0.6	+2.0 / - 0.5	+2.5 / - 2.1	+2.5 / - 4.5
Camber trim	+1.0	0	-1.0	+2.1	+4.5
Elevator trim	0	0	+0.5	0	0
Crowbrake (Flaps)	+62				
Crowbrake (Aileron)	-8				
Crowbrake (Elevator)	+4				
Throws = RED	All Values in DEGREES!!! (if not mentioned different)				
Mixers = ORANGE	Positive value = downward throw!				
Trims = Yellow	Negative value = upward throw!				
CG-Position (at rootchord from LE)	104mm - 110mm				
CG-Position (Philip Kolb)	106mm				

Snap Flap-throws are measured from the according trim in each flight phase, NOT from Zero-flap-angle!!!
The values are according to fully pushed / pulled elevator!

PIKE PARADIGM

GPS-A SPORTSCLASS MODEL

FLIGHTPHASES

	Flapsetting	Flightphase	appr. flying speed @ 7kg AUW
	-1.0°	"speed"	above 140 km/h
	0.0°	"fast cruise"	95km/h - 140km/h
	+1.0°	"cruise" "normal"	65km/h - 95km/h
	+2.1°	"slow cruise" " max. L/D"	55km/h - 65km/h
	+4.5°	"thermal"	below 55km/h