	beta	$W_{(n-i)}/W_n$	Fuel Burnt [lb]	Gross Weight [lb]	Wing Loading [lb/ft2]	Thrust Loading
Idle	1	1	0	19258.9	70	0.8
Takeoff	0.9703	0.9703	274.368	18686.9	67.921	0.824487
Climb	0.955746	0.985	138.57	18406.6	66.9022	0.837043
Cruise Climb	0.806459	0.843801	1442.96	15531.5	56.4521	0.991991
Loiter	0.797548	0.98895	102.076	15359.9	55.8284	1.00307
Climb	0.785585	0.985	138.57	15129.5	54.9909	1.01835
Combat	0.73492	0.935507	595.786	14153.8	51.4444	1.08855
Descend	0.73492	1	0	14153.8	51.4444	1.08855
Cruise	0.598183	0.813943	1718.79	11520.4	41.8728	1.33738
Loiter	0.591574	0.98895	102.076	11393.1	41.4102	1.35233
Descend	0.591574	1	0	11393.1	41.4102	1.35233
Land	0.588616	0.995	46.19	11336.1	41.2031	1.35912