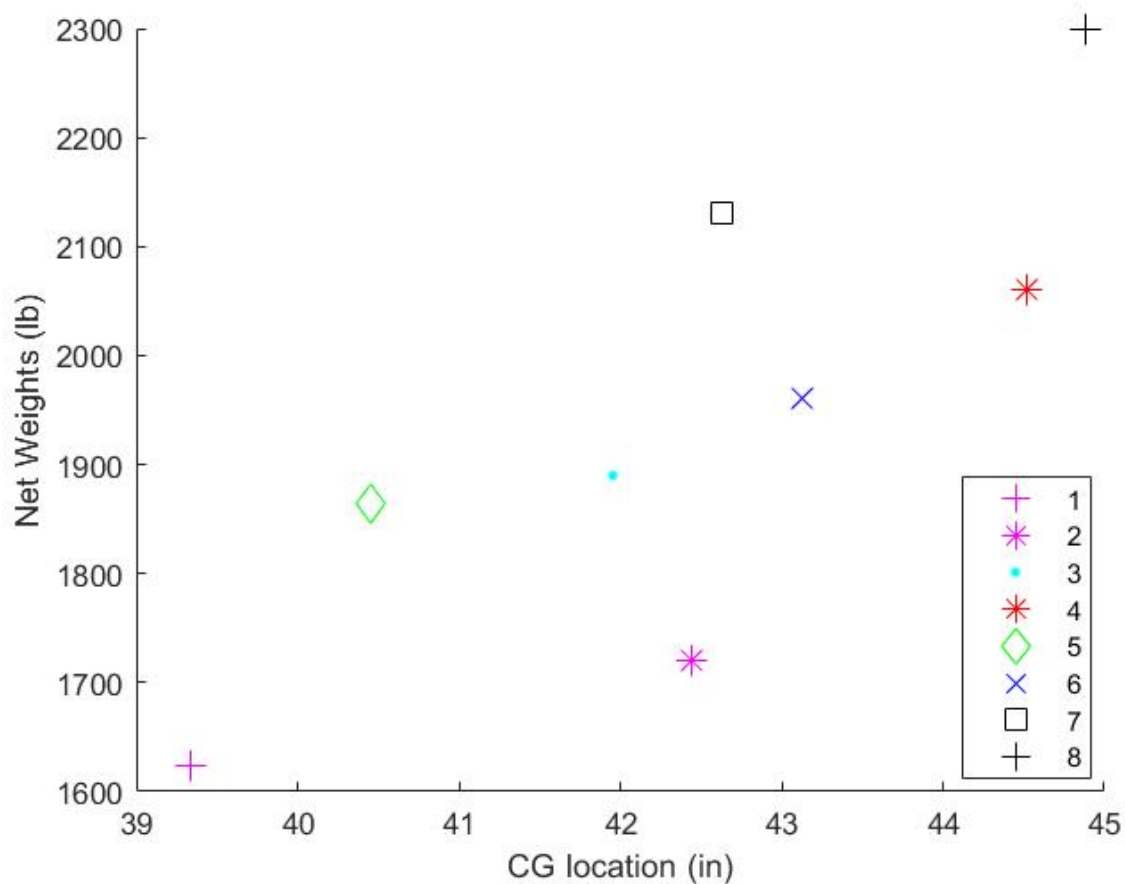


SE160A Matlab Project 1 Write Up

- For the provided aircraft input file (Experimental Cessna 172x), calculate the aircraft weight and cg location for the 8 different flight conditions. Plot and compare to the Cessna limits. Which configurations (if any) fall outside the acceptance envelope?

	Plane weight (lbs)	CG location (inches)
config 1	1624	39.3367857142857
config 2	1720	42.4435697674419
config 3	1890	41.9539365079365
config 4	2060	44.5159902912621
config 5	1864	40.4522210300429
config 6	1960	43.1239489795918
config 7	2130	42.6351830985915
config 8	2300	44.8795391304348



Unable to compute questions 2 & 3...