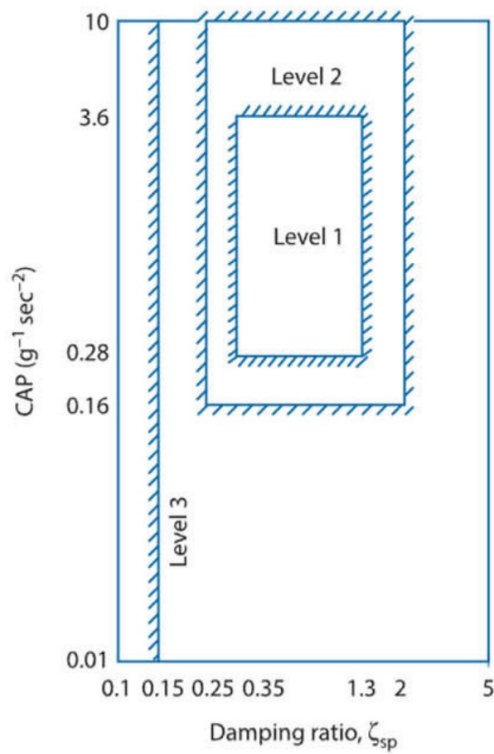
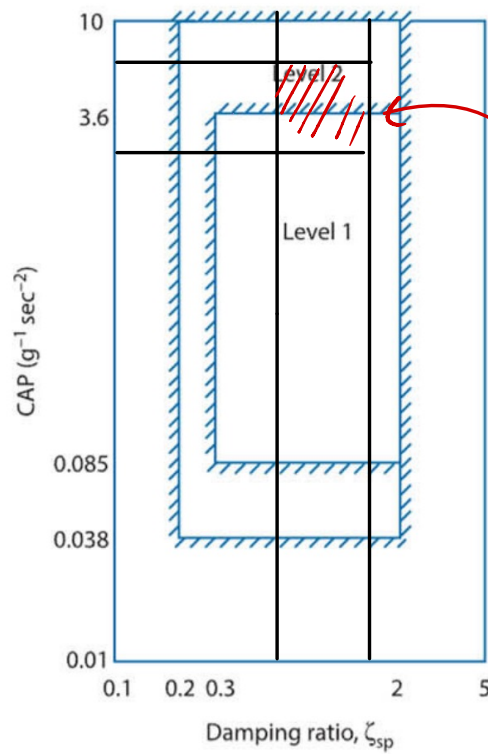


a) Category A flight phases



b) Category B flight phases



c) Category C flight phases

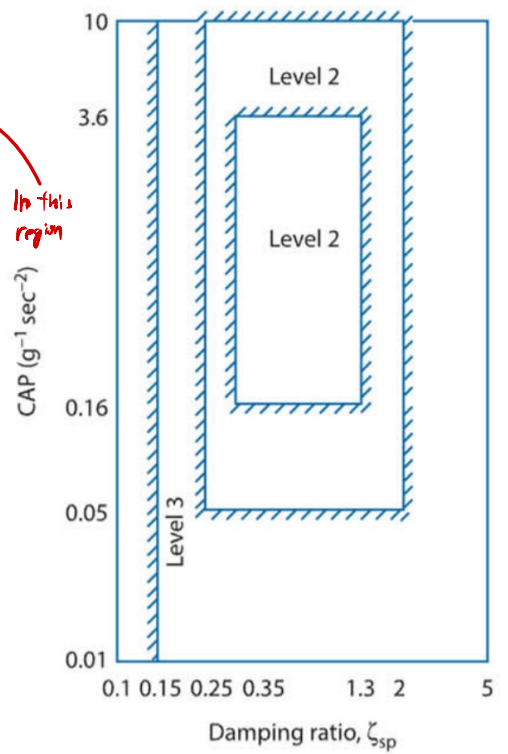


Fig. 7.23 MIL-STD-1797A short-period dynamic requirements.

CoG	w _{sp} [Hz]	w _{sp} [rad/s]	zeta damp ratio	CoG	n/a	Za	q	V [km/h]	V [m/s]	CL _a	CL _z	mg	S [m ²]	CoG	CAP
1.3	1.89	11.87522	0.5535	1.3	26.8554	98530.8	955.976	142.224	39.5067	5.34448	-5.34448	3668.94	19.285	1.3	5.25112
1.35	1.68	10.555751	0.5635	1.35	21.5526	79075.2	767.429	132.972	36.9367	5.34297	-5.34297	3668.94	19.285	1.35	5.16986
1.4	1.47366	9.2592789	0.577426	1.4	18.4695	67763.5	657.933	123.121	34.2003	5.34065	-5.34065	3668.94	19.285	1.4	4.64194
1.445	1.30299	8.1869276	0.592386	1.445	15.9194	58407.3	567.412	114.338	31.7606	5.33763	-5.33763	3668.94	19.285	1.445	4.21033
1.45	1.27087	7.9851117	0.595613	1.45	15.4391	56645.3	550.372	112.608	31.28	5.33689	-5.33689	3668.94	19.285	1.45	4.12989
1.5	1.07479	6.7531047	0.6182	1.5	12.491	45828.7	445.826	101.35	28.1528	5.33031	-5.33031	3668.94	19.285	1.5	3.65099
1.55	0.8876	5.5769553	0.64413	1.55	9.63149	35337.4	344.582	89.102	24.7506	5.31768	-5.31768	3668.94	19.285	1.55	3.22924