



Design Data Sheet for Acceleration (in terms of 'g')

<u>Sources of Acceleration</u>	a (g)	Duration
1. Elevators	0.2	3
2. Car (panic stop)	1.0	3
3. Parachute landing	2 – 6	0.2 – 0.3
4. Catapult	5	0.1
5. Parachute opening	8 – 30	0.2 – 0.4
6. Ejection seat	15 – 20	0.2
7. Fall into firefighters net	20	0.1
8. Auto or plane crash (Possibly non fatal)	20 – 100	0.02 – 0.1
9. Rocket sled	45	0.2 – 0.4
10. Free-fall landing (Survived)	150	0.02
11. Auto or plane	unspecified	-- --