



A division of Turner Risk Consulting Inc-

Office- 510-742-7460
Fax 510-742-3955
Cell 510-364-6010
mail- PO Box 608
Fremont, CA 94537-0608
www.steveturnersafety.com

Physics of a FALL

Elapsed Time	Distance Traveled	Velocity in Feet per second	Speed MPH	Force at Impact /lbs
0	0	0	0	0 lbs.
.25	1 foot	8	5.5	400
.5	4 feet	16	11	1600
.61	6 feet	20	14	2400
.75	9 feet	24	16	3600
1.00	16 feet	32	22	6400
1.25	25 feet	40	27	10,000
1.50	36 feet	48	33	14,000
1.75	49 feet	56	38	19,600