

Input Field

Terminal Velocity 120 mph
176 fps
Time Coefficient 0.181818182 sec^-1

Time	a (fps/s)	v (fps)	v (mph)	dis (ft)
0	32.00	0.00	0.00	0.00
1	31.48	31.65	21.58	15.91
2	29.99	61.32	41.81	62.64
3	27.77	87.49	59.65	137.38
4	25.07	109.37	74.57	236.18
5	22.18	126.84	86.48	354.64
6	19.32	140.31	95.67	488.52
7	16.62	150.40	102.54	634.13
8	14.17	157.80	107.59	788.43
9	12.00	163.15	111.24	949.05
10	10.12	166.96	113.84	1114.21
11	8.51	169.67	115.68	1282.60
12	7.13	171.57	116.98	1453.28
13	5.97	172.91	117.89	1625.56
14	4.99	173.85	118.53	1798.97
15	4.17	174.50	118.98	1973.16
16	3.48	174.96	119.29	2147.91
17	2.90	175.27	119.51	2323.03
18	2.42	175.50	119.66	2498.42
19	2.02	175.65	119.76	2674.00
20	1.69	175.76	119.83	2849.71
21	1.41	175.83	119.88	3025.50
22	1.17	175.88	119.92	3201.36
23	0.98	175.92	119.94	3377.26
24	0.81	175.94	119.96	3553.19
25	0.68	175.96	119.97	3729.14
26	0.57	175.97	119.98	3905.11
27	0.47	175.98	119.99	4081.09
28	0.39	175.99	119.99	4257.07
29	0.33	175.99	119.99	4433.06
30	0.27	175.99	120.00	4609.05
31	0.23	176.00	120.00	4785.05
32	0.19	176.00	120.00	4961.04
33	0.16	176.00	120.00	5137.04
34	0.13	176.00	120.00	5313.04
35	0.11	176.00	120.00	5489.04
36	0.09	176.00	120.00	5665.04
37	0.08	176.00	120.00	5841.03
38	0.06	176.00	120.00	6017.03
39	0.05	176.00	120.00	6193.03
40	0.04	176.00	120.00	6369.03
41	0.04	176.00	120.00	6545.03
42	0.03	176.00	120.00	6721.03
43	0.03	176.00	120.00	6897.03
44	0.02	176.00	120.00	7073.03
45	0.02	176.00	120.00	7249.03
46	0.01	176.00	120.00	7425.03
47	0.01	176.00	120.00	7601.03
48	0.01	176.00	120.00	7777.03
49	0.01	176.00	120.00	7953.03
50	0.01	176.00	120.00	8129.03
51	0.01	176.00	120.00	8305.03
52	0.01	176.00	120.00	8481.03
53	0.00	176.00	120.00	8657.03
54	0.00	176.00	120.00	8833.03
55	0.00	176.00	120.00	9009.03
56	0.00	176.00	120.00	9185.03
57	0.00	176.00	120.00	9361.03
58	0.00	176.00	120.00	9537.03
59	0.00	176.00	120.00	9713.03
60	0.00	176.00	120.00	9889.03
61	0.00	176.00	120.00	10065.03
62	0.00	176.00	120.00	10241.03
63	0.00	176.00	120.00	10417.03
64	0.00	176.00	120.00	10593.03

