

AP Upper Limits

APs	Time					Distance		tons	Weight		Volume cu ft.	Money (year 2009)
	yrs	days	hrs	min	sec	miles	feet		lbs.	Benchmark		
0	0	0	0	0	4	0	10	0	50	sack of grain (50 lbs.)	1	\$46
1	0	0	0	0	8	0	20	0	100	human child (100 lbs.)	2	\$91
2	0	0	0	0	16	0	40	0	200	human adult (180 lbs.)	4	\$182
3	0	0	0	0	32	0	80	0	400	lion (400 lbs.)	8	\$364
4	0	0	0	1	4	0	160	0	800	10' tree (700 lbs.)	16	\$728
5	0	0	0	2	8	0	320	0	1,600	grizzly bear (1/2 ton)	32	\$1,456
6	0	0	0	4	16	0	640	1	1,200	car (1.5 tons)	64	\$2,913
7	0	0	0	8	32	0	1,280	3	400	SUV (2.8 tons)	128	\$5,826
8	0	0	0	17	4	0	2,560	6	800	semi truck (6.4 tons)	256	\$11,651
9	0	0	0	34	8	0	5,120	12	1,600	light tank (12.5 tons)	512	\$23,302
10	0	0	1	8	16	1	4,960	25	1,200	Easter Island moai (14 tons)	1,024	\$46,604
11	0	0	2	16	32	3	4,640	51	400	brontosaurus (40 tons)	2,048	\$93,209
12	0	0	4	33	4	7	4,000	102	800	M1A2 tank (69.5 tons)	4,096	\$186,417
13	0	0	9	6	8	15	2,720	204	1,600	blue whale (125 tons)	8,192	\$372,835
14	0	0	18	12	16	31	160	409	1,200	Airbus A340 (303 tons)	16,384	\$745,669
15	0	1	12	24	32	62	320	819	400	Boeing 747 (490 tons)	32,768	\$1,491,338
16	0	3	0	49	4	124	640	1,638	800	destroyer (900 tons)	65,536	\$2,982,676
17	0	6	1	38	8	248	1,280	3,276	1,600	Space Shuttle (2,000 tons)	131,072	\$5,965,352
18	0	12	3	16	16	496	2,560	6,553	1,200	loaded train (3,800 tons)	262,144	\$11,930,704
19	0	24	6	32	32	992	5,120	13,107	400	cruiser (9,600 tons)	524,288	\$23,861,408
20	0	48	13	5	4	1,985	4,960	26,214	800	submarine (18,750 tons)	1,048,576	\$47,722,816
21	0	97	2	10	8	3,971	4,640	52,428	1,600	RMS Titanic (46,328 tons)	2,097,152	\$95,445,632
22	0	194	4	20	16	7,943	4,000	104,857	1,200	QE2 (79,766 tons)	4,194,304	\$190,891,265
23	1	23	8	40	32	15,887	2,720	209,715	400	USS Nimitz (110,000 tons)	8,388,608	\$381,782,530
24	2	46	17	21	4	31,775	160	419,430	800	Empire State Building	16,777,216	\$763,565,060
25	4	93	10	42	8	63,550	320	838,860	1,600	Knock Nevis	33,554,432	\$1,527,130,119
26	8	186	21	24	16	127,100	640	1,677,721	1,200	Golden Gate Bridge	67,108,864	\$3,054,260,238
27	17	8	18	48	32	254,200	1,280	3,355,443	400	-- no data --	134,217,728	\$6,108,520,476
28	34	17	13	37	4	508,400	2,560	6,710,886	800	Great Pyramid at Giza	268,435,456	\$12,217,040,952
29	68	35	3	14	8	1,016,800	5,120	13,421,772	1,600	Hoover Dam	536,870,912	\$24,434,081,904

Landscape

Object	Body	Weight	Height
bush	2	0	-1
small tree	4	4	0
medium tree	7	6	1
large tree	10	9	2
larger tree	12	12	3
huge tree	14	15	4
telephone pole	9	7	2
phone booth	5	5	0
light pole (rural)	8	5	0
light pole (urban)	10	9	2
mailbox (rural)	2	0	-1
mailbox (urban)	3	2	-1
flagpole	6	3	2
billboard	8	9	2
fire hydrant	11	5	-2
park bench	4	2	-1

Entrances and Openings

Entrance/Opening	Body	Weight	Cost
interior door	3	1	3
exterior door	4	1	3
large double door	5	2	4
steel reinforced door	7	3	6
bank vault door	14	14	9
small window	4	0	2
medium window	4	1	4
large window	4	1	6
bulletproof glass	7	+1	+1

Walls

Material	Body	Weight	Cost
brick	8	7	+1
concrete	10	8	+1
fiberglass	7	4	+1
reinforced concrete	11	10	+2
steel	12	13	+3
stone	9	9	+2
wood	6	5	+0
Promethium	20	12	+10

Furnishings and Appliances

Furnishing/Appliance	Body	Weight	Cost
bathtub	5	3	6
single bed	3	1	4
king-sized bed	4	2	5
couch/sofa	4	3	6
small desk	1	0	4
large desk	3	1	5
television	2	0	2
large television	2	3	7
stereo system	2	1	6
dresser	2	1	6
kitchen sink	4	1	3
piano (baby grand)	3	3	7
refrigerator	4	3	5
large dining table	2	2	6
dining room chair	1	0	3
washing machine	3	3	4