

STOPPING DISTANCE

HAND CONTROLLED CARS, IDEAL CONDITIONS

Miles per Hour	Feet per Second	*P&R Distance	Stopping Distance	Total Distance	Car Lengths
5	7.5	7.5	5	12.5	0.3
10	15	15	19	34	0.8
15	22.5	22.5	42	64.5	1.6
20	30	30	75	105	2.6
25	37.5	37.5	117	154.5	3.8
30	45	45	168	213	5.3
35	52.5	52.5	210	262.5	6.5
40	60	60	300	360	9
45	67.5	67.5	410	477.5	12

*Perception and reaction times are one-half second each.