

2001 SESSION

INTRODUCED

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HB1872

019050716

HOUSE BILL NO. 1872

Offered January 10, 2001

Prefiled January 5, 2001

A BILL to amend and reenact § 46.2-880 of the Code of Virginia, relating to tables of vehicle stopping distances.

Patron—Deeds

Referred to Committee on Transportation

Be it enacted by the General Assembly of Virginia:

1. That § 46.2-880 of the Code of Virginia is amended and reenacted as follows:

§ 46.2-880. Tables of speed and stopping distances.

All courts shall take notice of the following tables of speed and stopping distances of motor vehicles, which shall not raise a presumption, in actions in which inquiry thereon is pertinent to the issues:

SPEED IN		AVERAGE STOPPING DISTANCES			TOTAL STOPPING	
DISTANCES:						
Truck Brakes		Average Driver		DRIVER AND		
Miles	Feet	Automobile	(Brakes on	Reaction Time		
Per	Per	Brakes	All wheels)	(3/4 Second)	Automobiles	Trucks
Hour	Second	(In Feet)	(In Feet)	(In Feet)	(In Feet)	(In Feet)
10	14.67	5	7	11	16	18
15	22.0	12	17	16	28	33
20	29.34	21	30	22	43	52
25	36.62	32	47	27	59	74
30	44.0	47	67	33	80	100
35	51.3	63	92	38	101	130
40	58.7	82	120	44	126	164
45	66.0	104	152	50	154	202
50	73.3	128	187	55	183	242
55	80.7	155	227	61	216	288
60	88.0	185	270	66	251	336
65	95.3	217	316	71	288	387
70	102.6	252	367	77	329	444
75	109.9	289	422	82	371	504
80	117.2	328	480	88	416	568
90	132.0	425	607	99	524	706
100	146.6	514	750	109	623	859

SPEED IN		AVERAGE STOPPING DISTANCES			TOTAL STOPPING	
DISTANCES:						
DRIVER AND						
Miles	Feet	Automobile	Truck Brakes	Avg Driver	Automobiles	Trucks
Per	Per	Brakes	Brakes on	Perception-	(In Feet)	In Feet)
Hour	Second	(In Feet)	All Wheels	Reaction Time		
			In Feet)	(1.5 Seconds)		
				(In Feet)		

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55	10	14.7	5	6	22	27	28
56							
57	15	22.0	11	14	33	44	47
58							
59	20	29.3	19	25	44	63	69
60							
61	25	36.7	30	40	55	85	95
62							
63	30	44.0	43	57	66	109	123
64							
65	35	51.3	58	78	77	135	155
66							
67	40	58.7	76	102	88	164	190
68							
69	45	66.0	96	129	99	195	228
70							
71	50	73.3	119	159	110	229	269
72							
73	55	80.7	144	192	121	265	313
74							
75	60	88.0	171	229	132	303	361
76							
77	65	95.3	201	268	143	344	411
78							
79	70	102.7	233	311	154	387	465
80							
81	75	110.0	268	357	165	433	522
82							
83	80	117.3	305	406	176	481	582
84							
85	85	124.7	344	459	187	531	646
86							
87	90	132.0	386	514	198	584	712
88							
89	95	139.3	430	573	209	639	782
90							
91	100	146.7	476	635	220	696	855
92							

93 The courts shall further take notice that such tables are the result of experiments made with motor
94 vehicles, unloaded except for the driver, equipped with four-wheel brakes, in good condition, on dry,
95 hard, approximately level stretches of highway free from loose material.