

# Car Wars Jumping and Falling Tables

## 0° Surface

### Under10 mph

### No speed Loss

Phase	RofC	Hgt	Auto °	Cyc °	Crash	Hazd
Launch		- 1/4				
2	- 1/4	- 1/2	-15°	+15°	10 mph	D1
3		- 3/4				
4		-1 1/4				
5	- 1/2	-1 3/4	-30°	+30°	20 mph	D2
6		-2 1/4				
7		-3				
8	- 3/4	-3 3/4	-45°	+45°	30 mph	D3
9		-4 1/2				
10		-5 1/2				
11	-1	-6 1/2	-60°	+60°	40 mph	D4
12		-7 1/2				

### Over10 mph

### No speed Loss

Phase	RofC	Hgt	Auto °	Cyc °	Crash	Hazd
Launch		- 1/4				
2	- 1/4	- 1/2	+0°	+0°	10 mph	D1
3		- 3/4				
4		-1 1/4				
5	- 1/2	-1 3/4	-15°	+15°	20 mph	D2
6		-2 1/4				
7		-3				
8	- 3/4	-3 3/4	-30°	+30°	30 mph	D3
9		-4 1/2				
10		-5 1/2				
11	-1	-6 1/2	-45°	+45°	40 mph	D4
12		-7 1/2				

## 15° Surface

(±5 mph per turn on ramp)

### Under10 mph

### No speed Loss

Phase	RofC	Hgt	Auto °	Cyc °	Crash	Hazd
Launch		+0				
2	+0	+0	+0°	+30°		
3		+0				
4		- 1/4				
5	- 1/4	- 1/2	-15°	+45°	10 mph	D1
6		- 3/4				
7		-1 1/4				
8	- 1/2	-1 3/4	-30°	+60°	20 mph	D2
9		-2 1/4				

### 12.5 - 27.5 mph

### No speed Loss

Phase	RofC	Hgt	Auto °	Cyc °	Crash	Hazd
Launch		+0				
2	+0	+0	+15°	+15°		
3		+0				
4		- 1/4				
5	- 1/4	- 1/2	+0°	+30°	10 mph	D1
6		- 3/4				
7		-1 1/4				
8	- 1/2	-1 3/4	-15°	+45°	20 mph	D2
9		-2 1/4				

### 30 - 57.5 mph

### Lose 2.5 mph

Phase	RofC	Hgt	Auto °	Cyc °	Crash	Hazd
Launch		+ 1/8				
2	+ 1/8	+ 1/4	+15°	+15°		
3		+ 3/8				
4		+ 1/4				
5	- 1/8	+ 1/8	+0°	+30°	5 mph	D1
6		+0				
7		- 3/8				
8	- 3/8	- 3/4	-15°	+45°	15 mph	D2
9		-1 1/8				
10		-1 3/4				
11	- 5/8	-2 3/8	-30°	+60°	25 mph	D3
12		-3				

### 60 - 87.5 mph

### Lose 5 mph

Phase	RofC	Hgt	Auto °	Cyc °	Crash	Hazd
Launch		+ 1/4				
2	+ 1/4	+ 1/2	+15°	+15°		
3		+ 3/4				
4		+ 3/4				
5	+0	+ 3/4	+0°	+30°		
6		+ 3/4				
7		+ 1/2				
8	- 1/4	+ 1/4	-15°	+45°	10 mph	D1
9		+0				
10		- 1/2				
11	- 1/2	-1	-30°	+60°	20 mph	D2
12		-1 1/2				

### 90 - 117.5 mph

### Lose 7.5 mph

Phase	RofC	Hgt	Auto °	Cyc °	Crash	Hazd
Launch		+ 3/8				
2	+ 3/8	+ 3/4	+15°	+15°		
3		+1 1/8				
4		+1 1/4				
5	+ 1/8	+1 3/8	+0°	+30°		
6		+1 1/2				
7		+1 3/8				
8	- 1/8	+1 1/4	-15°	+45°	5 mph	D1
9		+1 1/8				
10		+ 3/4				
11	- 3/8	+ 3/8	-30°	+60°	15 mph	D2
12		+0				
13		- 5/8				
14	- 5/8	-1 1/4	-45°	+75°	25 mph	D3
15		-1 7/8				
16		-2 3/4				
17	- 7/8	-3 5/8	-60°	+90°	35 mph	D4
18		-4 1/2				

### 120 - 147.5 mph

### Lose 10 mph

Phase	RofC	Hgt	Auto °	Cyc °	Crash	Hazd
Launch		+ 1/2				
2	+ 1/2	+1	+15°	+15°		
3		+1 1/2				
4		+1 3/4				
5	+ 1/4	+2	+0°	+30°		
6		+2 1/4				
7		+2 1/4				
8	+0	+2 1/4	-15°	+45°		
9		+2 1/4				
10		+2				
11	- 1/4	+1 3/4	-30°	+60°	10 mph	D1
12		+1 1/2				
13		+1				
14	- 1/2	+ 1/2	-45°	+75°	20 mph	D2
15		+0				
16		- 3/4				
17	- 3/4	-1 1/2	-60°	+90°	30 mph	D3
18		-2 1/4				

### 30° Surface

(±10 mph per turn on ramp)

#### Under10 mph

#### No speed Loss

Phase	RofC	Hgt	Auto °	Cyc °	Crash	Hazd
Launch		+0				
2	+0	+0	+15°	+45°		
3		+0				
4		- 1/4				
5	- 1/4	- 1/2	+0°	+60°	10 mph	D1
6		- 3/4				
7		-1 1/4				
8	- 1/2	-1 3/4	-15°	+75°	20 mph	D2
9		-2 1/4				

#### 12.5 mph

#### No speed Loss

Phase	RofC	Hgt	Auto °	Cyc °	Crash	Hazd
Launch		+0				
2	+0	+0	+30°	+30°		
3		+0				
4		- 1/4				
5	- 1/4	- 1/2	+15°	+45°	10 mph	D1
6		- 3/4				
7		-1 1/4				
8	- 1/2	-1 3/4	+0°	+60°	20 mph	D2
9		-2 1/4				

#### 15 - 27.5 mph

#### Lose 2.5 mph

Phase	RofC	Hgt	Auto °	Cyc °	Crash	Hazd
Launch		+ 1/8				
2	+ 1/8	+ 1/4	+30°	+30°		
3		+ 3/8				
4		+ 1/4				
5	- 1/8	+ 1/8	+15°	+45°	5 mph	D1
6		+0				
7		- 3/8				
8	- 3/8	- 3/4	+0°	+60°	15 mph	D2
9		-1 1/8				
10		-1 3/4				
11	- 5/8	-2 3/8	-15°	+75°	25 mph	D3
12		-3				

#### 30 - 42.5 mph

#### Lose 5 mph

Phase	RofC	Hgt	Auto °	Cyc °	Crash	Hazd
Launch		+ 1/4				
2	+ 1/4	+ 1/2	+30°	+30°		
3		+ 3/4				
4		+ 3/4				
5	+0	+ 3/4	+15°	+45°		
6		+ 3/4				
7		+ 1/2				
8	- 1/4	+ 1/4	+0°	+60°	10 mph	D1
9		+0				
10		- 1/2				
11	- 1/2	-1	-15°	+75°	20 mph	D2
12		-1 1/2				

#### 45 - 57.5 mph

#### Lose 7.5 mph

Phase	RofC	Hgt	Auto °	Cyc °	Crash	Hazd
Launch		+ 3/8				
2	+ 3/8	+ 3/4	+30°	+30°		
3		+1 1/8				
4		+1 1/4				
5	+ 1/8	+1 3/8	+15°	+45°		
6		+1 1/2				
7		+1 3/8				
8	- 1/8	+1 1/4	+0°	+60°	5 mph	D1
9		+1 1/8				
10		+ 3/4				
11	- 3/8	+ 3/8	-15°	+75°	15 mph	D2
12		+0				
13		- 5/8				
14	- 5/8	-1 1/4	-30°	+90°	25 mph	D3
15		-1 7/8				
16		-2 3/4				
17	- 7/8	-3 5/8	-45°	+105°	35 mph	D4
18		-4 1/2				

#### 60 - 72.5 mph

#### Lose 10 mph

Phase	RofC	Hgt	Auto °	Cyc °	Crash	Hazd
Launch		+ 1/2				
2	+ 1/2	+1	+30°	+30°		
3		+1 1/2				
4		+1 3/4				
5	+ 1/4	+2	+15°	+45°		
6		+2 1/4				
7		+2 1/4				
8	+0	+2 1/4	+0°	+60°		
9		+2 1/4				
10		+2				
11	- 1/4	+1 3/4	-15°	+75°	10 mph	D1
12		+1 1/2				
13		+1				
14	- 1/2	+ 1/2	-30°	+90°	20 mph	D2
15		+0				
16		- 3/4				
17	- 3/4	-1 1/2	-45°	+105°	30 mph	D3
18		-2 1/4				

#### 75 - 87.5 mph

#### Lose 12.5 mph

Phase	RofC	Hgt	Auto °	Cyc °	Crash	Hazd
Launch		+ 5/8				
2	+ 5/8	+1 1/4	+30°	+30°		
3		+1 7/8				
4		+2 1/4				
5	+ 3/8	+2 5/8	+15°	+45°		
6		+3				
7		+3 1/8				
8	+ 1/8	+3 1/4	+0°	+60°		
9		+3 3/8				
10		+3 1/4				
11	- 1/8	+3 1/8	-15°	+75°	5 mph	D1
12		+3				
13		+2 5/8				
14	- 3/8	+2 1/4	-30°	+90°	15 mph	D2
15		+1 7/8				
16		+1 1/4				
17	- 5/8	+ 5/8	-45°	+105°	25 mph	D3
18		+0				
19		- 7/8				
20	- 7/8	-1 3/4	-60°	+120°	35 mph	D4
21		-2 5/8				

#### 90 - 102.5 mph

#### Lose 15 mph

Phase	RofC	Hgt	Auto °	Cyc °	Crash	Hazd
Launch		+ 3/4				
2	+ 3/4	+1 1/2	+30°	+30°		
3		+2 1/4				
4		+2 3/4				
5	+ 1/2	+3 1/4	+15°	+45°		
6		+3 3/4				
7		+4				
8	+ 1/4	+4 1/4	+0°	+60°		
9		+4 1/2				
10		+4 1/2				
11	+0	+4 1/2	-15°	+75°		
12		+4 1/2				
13		+4 1/4				
14	- 1/4	+4	-30°	+90°	10 mph	D1
15		+3 3/4				
16		+3 1/4				
17	- 1/2	+2 3/4	-45°	+105°	20 mph	D2
18		+2 1/4				
19		+1 1/2				
20	- 3/4	+ 3/4	-60°	+120°	30 mph	D3
21		+0				