

Time Of Day	Feet of Line	Angle	Angle	Ground Distance	GD	Calculated Height	Calculated Length	Calculated Height
		Carissa to balloon	Base of Balloon to Carissa	James to Balloon	Balloon to Carissa	Sine	Cosine	Tangent
60:30	100 ft	26 d	134.37	6.65 m	55 m			
57:10	200 ft	37-8 d	155.29	22.75 m	55 m			
53:29	300 ft	48 d	137.63	20.65 m	55 m			
50:14	400 ft	51 d	162.02	37.8 m	55 m			
47:16	500 ft	58 d	140.15	38 m	55 m			
43:54	600 ft	61 d	151.15	40 m	55 m			
40:34	700 ft	54 d	156.21	56.1 m	55 m			
37:07	800 ft	66 d	178.85	50.65 m	55 m			
33:37	900 ft	64 d	161.19	57 m	55 m			
26:55	1000 ft	61 d	163.38	61 m	55 m			

Ohsimo Log 2

Acceleration

Time Of Day	Feet of Line	Angle	Angle	Ground Distance	GD	Calculated Height	Calculated Length	Calculated Height
		Carissa to balloon	Base of Balloon to Carissa	James to Balloon	Balloon to Carissa	Sine	Cosine	Tangent
1:33	100 ft	29 d	88.0	5 m	55 m			
4:41	200 ft	41 d	171.54	7 m	55 m			
7:42	300 ft	52 d	166.87	16.7 m	55 m			
10:41	400 ft	57 d	132.55	13 m	55 m			
13:28	500 ft	60 d	158.00	21 m	55 m			
16:43	600 ft	64 d	158.46	22 m	55 m			
19:08	700 ft	67-8 d	156.21	22.5 m	55 m			
21:50	800 ft	65 d	147.82	28.75 m	55 m			
24:27	900 ft	60 d	163.38	52 m	55 m			
26:55	1000 ft	61 d	163.38	61 m	55 m			