

	A	B	C	D	E	F	G	H	I	J
	length (m) ± 0.003 m	%uncertainty length	mass (kg) ±0.001 kg	% uncertainty mass	time (s) ± 0.1 s	% uncertainty time	release angle degress ± 1°	% uncertainty release angel	tota percent uncertainty	% error (from chart 1)
1										
2	1.000	0.30%	0.5	0.20%	21.2	0.47%	30	3.33%	4.31%	5.73%
3	1.000	0.30%	0.5	0.20%	19.6	0.51%	30	3.33%	4.34%	2.25%
4	1.000	0.30%	0.5	0.20%	22.3	0.45%	30	3.33%	4.28%	11.22%
5	0.500	0.60%	0.5	0.20%	14.6	0.68%	30	3.33%	4.82%	2.98%
6	0.500	0.60%	0.5	0.20%	13.9	0.72%	30	3.33%	4.85%	1.96%
7	0.500	0.60%	0.5	0.20%	14.2	0.70%	30	3.33%	4.84%	0.16%
8	0.250	1.20%	0.5	0.20%	10.1	0.99%	30	3.33%	5.72%	0.75%
9	0.250	1.20%	0.5	0.20%	9.9	1.01%	30	3.33%	5.74%	1.25%
10	0.250	1.20%	0.5	0.20%	9.9	1.01%	30	3.33%	5.74%	1.25%
11	0.100	3.00%	0.5	0.20%	6.5	1.54%	30	3.33%	8.07%	2.52%
12	0.100	3.00%	0.5	0.20%	6.6	1.52%	30	3.33%	8.05%	4.09%
13	0.100	3.00%	0.5	0.20%	7.1	1.41%	30	3.33%	7.94%	11.98%
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