

Appendix D

Summary of Data from Drag Experiments

Table D.1. Summary of experimental data for drag on traverse with vehicle attached

speed (cm/s)	σ_{speed} (cm/s)	drag (N)	σ_{drag} (N)
7.9	0.6	3.908	1.034
10.2	0.5	3.857	1.009
12.5	0.5	4.044	1.017
14.8	0.5	4.417	1.121
17.6	1.3	4.484	1.163
19.2	1.0	4.701	1.039
21.4	0.6	4.786	1.195
23.6	0.6	5.055	1.110
25.7	0.7	5.151	1.122
28.0	0.7	5.317	1.062
30.0	0.9	5.570	1.224
32.5	1.3	5.786	1.185
34.4	1.3	5.764	1.157
36.9	1.6	6.035	1.233
39.0	1.2	6.304	1.272
41.4	0.7	6.445	1.327
43.4	0.5	6.817	1.311
45.9	0.5	6.832	1.306
47.8	0.6	6.932	1.394
50.3	0.5	7.335	1.422
52.7	0.4	7.386	1.283
55.2	0.4	7.570	1.331
57.6	0.4	7.874	1.458
60.1	0.4	8.158	1.560

Table D.2. Summary of experimental data for drag on traverse without vehicle attached

speed (cm/s)	σ_{speed} (cm/s)	drag (N)	σ_{drag} (N)
7.9	0.6	3.643	0.678
10.2	0.5	3.704	0.752
12.6	0.6	3.690	0.884
14.8	0.5	3.982	0.848
17.0	1.7	4.135	0.832
19.2	1.0	4.284	0.853
21.2	0.7	4.287	0.751
23.5	0.6	4.432	0.795
25.6	0.6	4.663	0.882
27.8	0.7	4.679	0.851
29.8	0.8	4.993	0.958
32.5	1.4	5.073	0.842
34.5	1.5	5.309	0.872
36.6	1.6	5.428	0.984
39.0	1.2	5.557	0.951
41.2	0.7	5.764	0.960
43.6	0.6	5.827	0.913
45.9	0.5	6.042	1.023
48.0	2.1	6.185	0.935
50.4	0.6	6.214	1.031
52.8	0.5	6.426	1.016
55.2	0.5	6.702	0.967
57.5	0.4	6.747	1.021
59.9	0.4	6.999	1.033