

LOW RIDING RESISTANCE

DESIGN

MOTH - S.L.I.N.O.

BY

MARKLA

DATE

28.10.11

Speed (kts)	Speed (m/sec)	Resistance (N)					
		5 kg	25 kg	50 kg	75 kg	100 kg	125 kg
0	0.00	0.000	0.000	0.000	0.000	0.000	0.000
0.25	0.13	0.022	0.050	0.063	0.076	0.088	0.100
0.5	0.26	0.071	0.178	0.222	0.257	0.295	0.336
0.75	0.39	0.244	0.441	0.465	0.522	0.608	0.693
1	0.51	0.338	1.081	1.002	0.891	1.042	1.172
1.25	0.64	0.462	1.243	1.344	1.397	1.594	1.778
1.5	0.77	0.584	1.586	1.812	1.964	2.253	2.511
1.75	0.90	0.733	1.922	2.288	2.603	3.065	3.413
2	1.03	0.946	2.350	2.851	3.292	3.856	4.382
2.25	1.16	1.127	2.860	3.579	4.212	4.962	5.652
2.5	1.29	1.357	3.402	4.366	5.233	6.192	7.117
2.75	1.41	1.638	3.959	5.079	6.121	7.256	8.396
3	1.54	1.872	4.702	6.107	7.552	9.316	11.167
3.25	1.67	2.175	5.395	6.979	8.501	10.247	12.081
3.5	1.80	2.579	6.115	7.850	9.623	11.696	13.948
3.75	1.93	3.032	7.127	8.961	10.995	13.623	16.661
4	2.06	3.495	8.446	10.370	12.359	15.049	18.228
4.25	2.19	3.927	9.905	12.151	14.145	16.737	19.751
4.5	2.31	4.355	11.408	14.260	16.633	19.531	22.774
4.75	2.44	4.786	12.880	16.541	19.687	23.424	27.539
5	2.57	5.228	14.294	18.863	23.043	27.997	33.470
5.25	2.70	5.672	15.679	21.156	26.442	32.765	39.819
5.5	2.83	6.130	17.037	23.361	29.722	37.411	46.060
5.75	2.96	6.614	18.408	25.497	32.835	41.783	51.916
6	3.09	7.110	19.781	27.573	35.790	45.865	57.304
6.25	3.22	7.612	21.174	29.605	38.595	49.668	62.250
6.5	3.34	8.137	22.598	31.626	41.306	53.251	66.823
6.75	3.47	8.691	24.063	33.656	43.962	56.679	71.104
7	3.60	9.245	25.537	35.692	46.588	60.009	75.194
7.25	3.73	9.832	27.082	37.772	49.215	63.288	79.147
7.5	3.86	10.410	28.654	39.892	51.860	66.544	83.023
7.75	3.99	11.024	30.268	42.051	54.537	69.804	86.868
8	4.12	11.642	31.911	44.251	57.255	73.097	90.721

