

All values are pound force (lbf)

Fz = Lift Fx = Drag L/D = Lift/Drag ratio

Positive Fz values are downforce

Prepared by: AMB Aero

AOA	Fz	Fx	L/D	Speed
0	132.44	14.88	8.90	80
0	208.07	23.45	8.87	100
0	301.29	34.10	8.84	120
0	540.71	62.11	8.71	160
5	176.15	21.69	8.12	80
5	208.17	23.45	8.88	100
5	301.41	34.11	8.84	120
5	541.03	61.23	8.84	160
10	195.79	28.87	6.78	80
10	317.70	43.46	7.31	100
10	443.65	66.00	6.72	120
10	825.05	115.02	7.17	160
14	202.93	31.40	6.46	80
14	348.38	53.67	6.49	100
14	459.24	71.70	6.41	120
14	818.94	129.75	6.31	160
18	240.79	42.89	5.61	80
18	377.22	67.47	5.59	100
18	544.76	97.94	5.56	120
18	973.43	177.54	5.48	160

Speed tables

80MPH

AOA	0	5	10	14	18
Drag	14.88	21.69	28.87	31.40	42.89
Downforce	132.44	176.15	195.79	202.93	240.79

100MPH

AOA	0	5	10	14	18
Drag	23.45	23.45	43.46	53.67	67.47
Downforce	208.07	208.17	317.70	348.38	377.22

120MPH

AOA	0	5	10	14	18
Drag	34.10	34.11	66.00	71.70	97.94
Downforce	301.29	301.41	443.65	459.24	544.76

160MPH

AOA	0	5	10	14	18
Drag	62.11	61.23	115.02	129.75	177.54
Downforce	540.71	541.03	825.05	818.94	973.43

Efficiency by Speed

AOA		0	5	10	14	18
80 MPH		8.90	8.12	6.78	6.46	5.61
100 MPH		8.87	8.88	7.31	6.49	5.59
120 MPH		8.84	8.84	6.72	6.41	5.56
160 MPH		8.71	8.84	7.17	6.31	5.48

Efficiency by AOA

		80 MPH	100 MPH	120 MPH	160 MPH
0 AOA		8.90	8.87	8.84	8.71
5 AOA		8.12	8.88	8.84	8.84
10 AOA		6.78	7.31	6.72	7.17
14 AOA		6.46	6.49	6.41	6.31
18 AOA		5.61	5.59	5.56	5.48

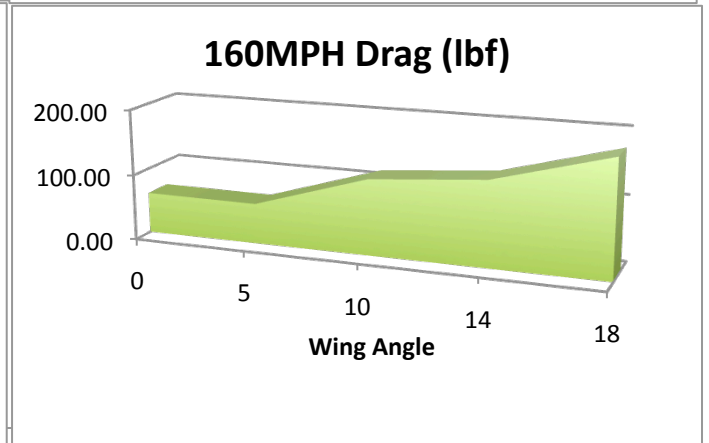
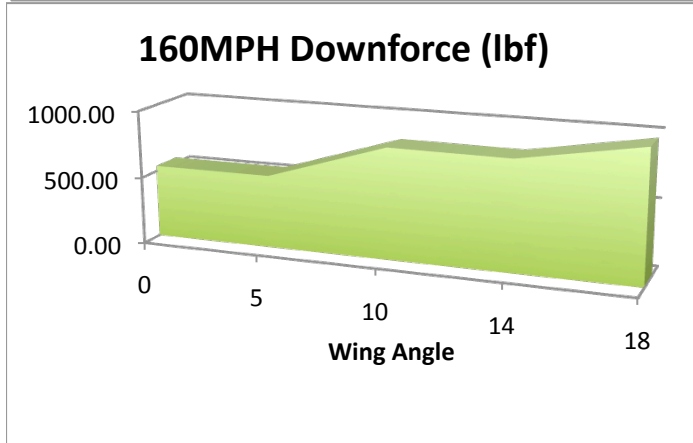
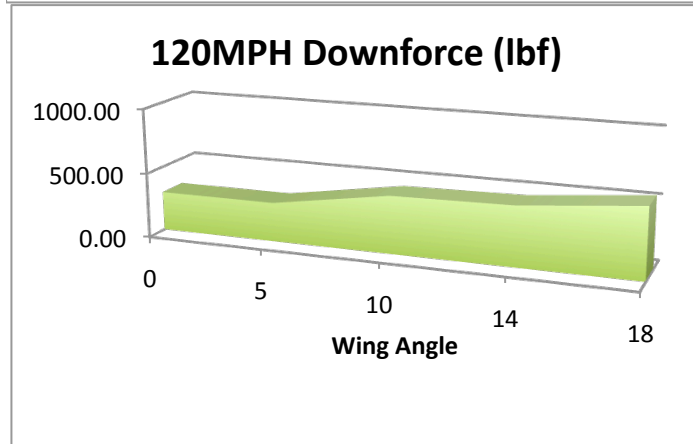
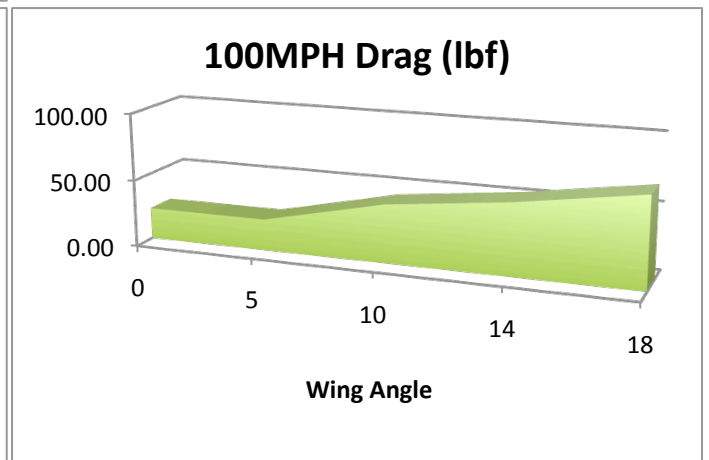
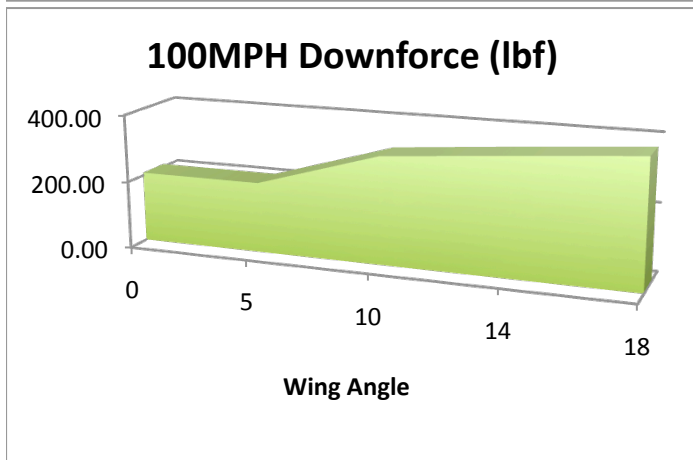
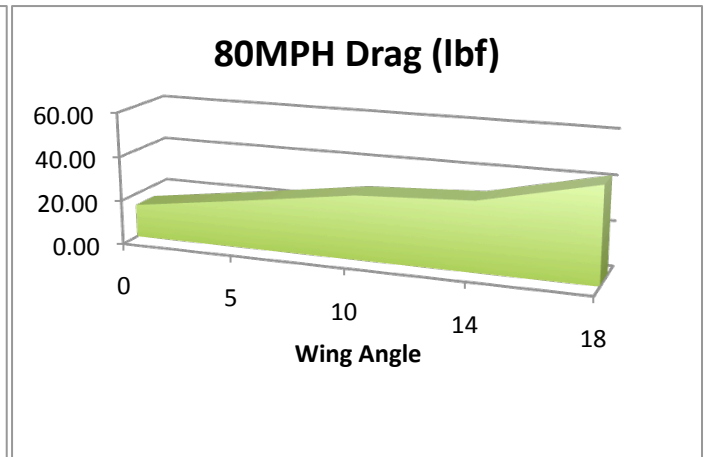
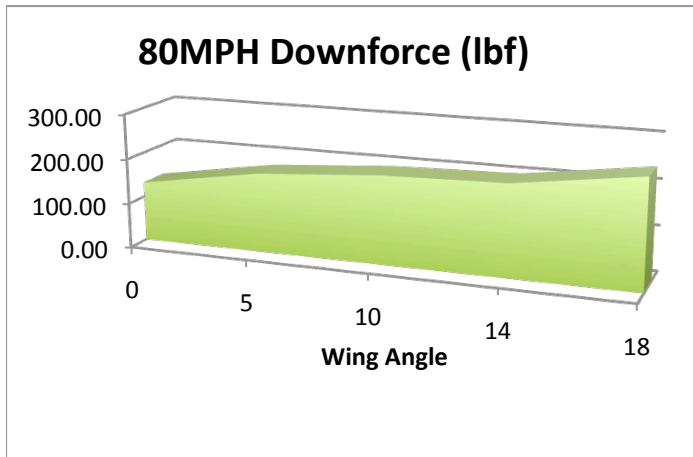
Downforce

		80 MPH	100 MPH	120 MPH	160 MPH
0 AOA		132.44	208.07	301.29	540.71
5 AOA		176.15	208.17	301.41	541.03
10 AOA		195.79	317.70	443.65	825.05
14 AOA		202.93	348.38	459.24	818.94
18 AOA		240.79	377.22	544.76	973.43

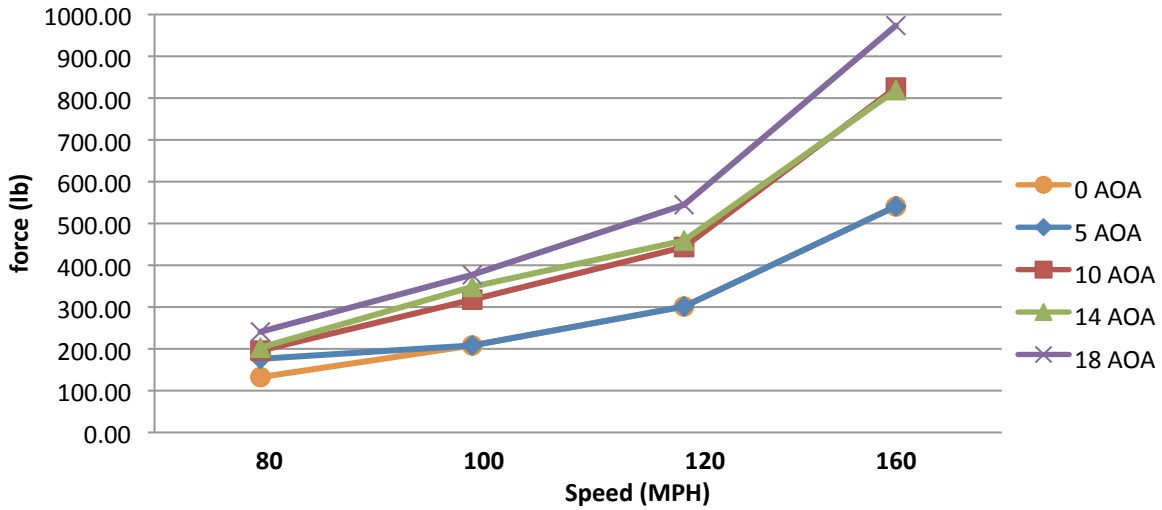
Drag

		80 MPH	100 MPH	120 MPH	160 MPH
0 AOA		14.88	23.45	34.10	62.11
5 AOA		21.69	23.45	34.11	61.23
10 AOA		28.87	43.46	66.00	115.02
14 AOA		31.40	53.67	71.70	129.75
18 AOA		42.89	67.47	97.94	177.54

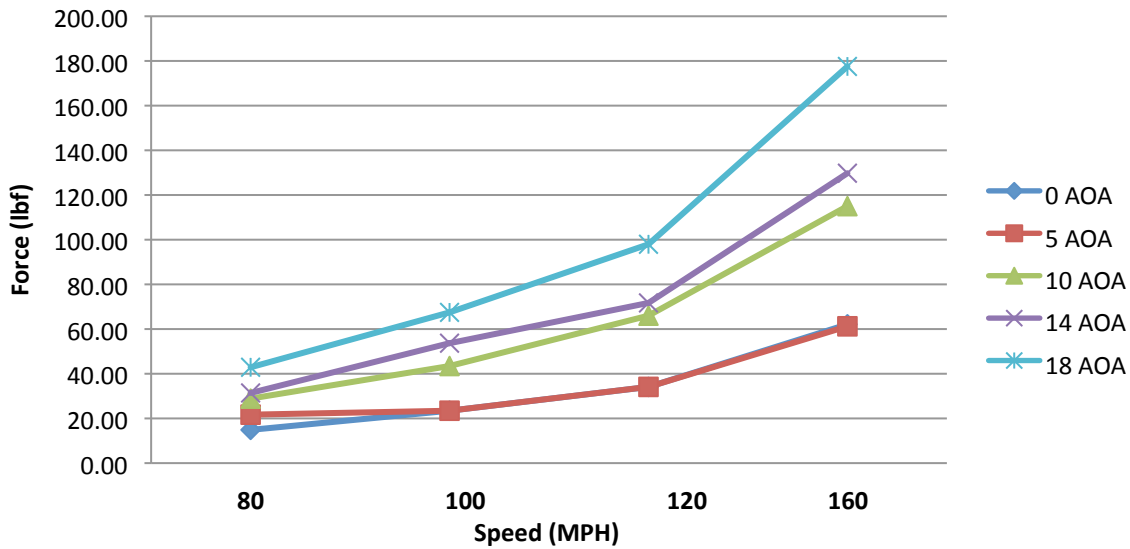
Wing forces



Downforce



Drag



Lift/Drag Ratio

