

APR GTC-200 (no gurney)

AoA	Speed	DF	Drag
0	80	78.5	8.4
	100	123.4	12.5
	120	177.1	18.7
5	80	98.1	10.6
	100	153.1	17.2
	120	220.3	24.5
10	80	115.5	13
	100	179.7	20.3
	120	259.2	28.8
12	80	117.5	14
	100	182.8	21.9
	120	263.5	31.7

APR GTC-200 (w/ gurney)

AoA	Speed	DF	Drag
0	80	141.9	13.8
	100	221.9	21.9
	120	319.7	31.7
4	80	157.9	16.8
	100	246.9	26.6
	120	355.7	38.9
6	80	163.8	18.3
	100	256.3	28.1
	120	368.6	40.3
8	80	167.8	18.9
	100	262.5	29.7
	120	378.7	43.2

APR GTC300			
AoA	Speed	DF	Drag
0	80	151.17	17.12
	100	237.85	26.98
	120	344.83	39.21
5	80	183.58	22.54
	100	289.30	35.58
	120	419.12	51.77
10	80	201.80	28.17
	100	316.53	44.39
	120	457.75	64.51
12	80	203.11	30.20
	100	318.74	47.57
	120	460.73	69.14

APR GT-250			
AoA	Speed	DF	Drag
0	80	43.79	3.63
	120	104.46	14.11
	160	190.15	26.62
5	80	71.81	9.81
	120	166.15	22.22
	160	300.13	39.62
10	80	131.1	19.44
	120	301.15	49.54
	160	540.15	71.86
16	80	171.39	32.44
	120	379.78	71.12
	160	675.16	126.43

AoA	Speed	DF	<u>Kognition</u> Drag
6	80	152	12.8
	100	237.5	19.9
	120	342	28.6
8	80	163.6	14.8
	100	255.5	23.1
	120	368	33.1
10	80	174.9	16.8
	100	273.3	26.2
	120	393.5	37.5
12	80	186	18.9
	100	290.7	29.4
	120	418.5	42.3
16	80	207.6	23.4
	100	324.3	36.5
	120	467.5	52.4

GTC200 w/ Gurney VS GTC300

AoA	Speed	DF %	Drag %
0	80	93.87	80.59
	100	93.29	81.18
	120	92.71	80.85
5	80	86.01	74.52
	100	85.34	74.75
	120	84.87	75.14
10	80	81.17	64.96
	100	80.97	63.31
	120	80.52	62.47
12	80	82.61	62.58
	100	82.36	62.43
	120	82.20	62.48

APR GTC200 Vs. GT250

AoA	Speed	DF	Drag
0	x	93.87	380.17
	x	93.29	155.21
	x	92.71	119.08
	x		
4 vs. 5	x	86.01	74.52
	x	85.34	74.75
	x	84.87	75.14
	x		
8 vs. 10	x	127.99	94.14
	x	87.17	56.72
	x	70.11	56.08
	x		

*****NOTE - Speed left out due to CFD not being done at equivalent speeds/angles. Use this comparison to see a trend in DF an drag ratio wing to wing ONLY**

GTC200 w/ Gurney Vs. Kognition

AoA	Speed	DF	Drag
0	80	x	x
	100	x	x
	120	x	x
4	80	x	x
	100	x	x
	120	x	x
6	80	107.76	142.97
	100	107.92	141.21
	120	107.78	140.91
8	80	102.57	127.70
	100	102.74	128.57
	120	102.91	130.51

GTC300 Vs. Kognition

AoA	Speed	DF	Drag
0	80	x	x
	100	x	x
	120	x	x
5 vs 6	80	120.78	176.12
	100	121.81	178.82
	120	122.55	181.01
10	80	115.38	167.68
	100	115.82	169.42
	120	116.33	172.02
12	80	109.20	159.80
	100	109.65	161.82
	120	110.09	163.45

GT250 Vs. Kognition

AoA	Speed	DF	Drag
0	80	x	x
	100	x	x
	120	x	x
5 vs 6	80	47.24	76.64
	100	69.96	111.66
	120	87.76	138.53
10	80	74.96	115.71
	100	110.19	189.08
	120	137.27	191.63
16	80	82.56	138.63
	100	117.11	194.85
	120	144.42	241.28