



2021 MODEL YEAR 280 VANTAGE

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PRELIMINARY

TEST #1 Test Date:
17-March-2020

MODEL	280 Vantage
HULL #	USBWCE1354L920
ENGINE	Dual Mercury 250 V8 AMS
HORSEPOWER	500
GEAR RATIOS	1.85 : 1
PROP	19P Eco Enertia
FUEL CAPACITY	180 gal.
Notable Options: Joystick piloting, Bow table, Vacu-flush head, Rod storage, Summer kitchen, VHF, 12" Electronics	

WEIGHT SUMMARY

DRY WEIGHT	8,469 lbs
FUEL	180 gal.
WATER	0 gal.
TEST GEAR	25 lbs
PERSONNEL	345 lbs
TEST WEIGHT	9,946 lbs
WATER CONDITIONS	78° F
WEATHER CONDITIONS	64° F

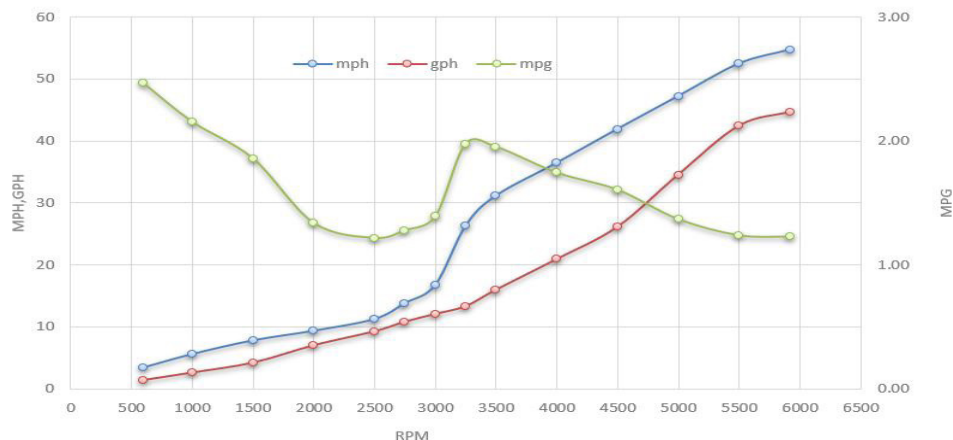


Speed

Fuel Consumption

	RPM	mph	knots	gph	mpg	nmpg	range (mi)
Idle	600	3.5	3.0	1.4	2.46	2.14	399
	1000	5.6	4.9	2.6	2.15	1.87	349
	1500	7.8	6.8	4.2	1.86	1.61	301
	2000	9.4	8.1	7.0	1.34	1.16	216
	2500	11.3	9.8	9.3	1.22	1.06	197
	2750	13.8	12.0	10.8	1.28	1.11	207
	3000	16.8	14.5	12.1	1.39	1.21	225
	3250	26.3	22.8	13.3	1.98	1.72	320
	3500	31.2	27.1	16.0	1.95	1.70	316
	4000	36.5	31.7	20.9	1.74	1.51	283
	4500	41.9	36.4	26.1	1.61	1.39	260
	5000	47.2	41.0	34.5	1.37	1.19	222
	5500	52.5	45.5	42.4	1.24	1.07	200
WOT	5920	54.7	47.5	44.7	1.23	1.06	198

Acceleration: Time to plane 4.1 secs | Idle - 30 mph - 6.1 secs



Notes: 1) Speed determined by GPS. Fuel consumption based on total usage by the engines. MPG computed from MPH & GPH. Range based on 90% of total fuel capacity.
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TEST #2 Test Date:
17-March-2020

MODEL	280 Vantage
HULL #	USBWCE1354L920
ENGINE	Dual Mercury 300 V8 AMS
HORSEPOWER	600
GEAR RATIOS	1.85 : 1
PROP	20P Eco Enertia
FUEL CAPACITY	180 gal.
Notable Options: Joystick piloting, Bow table, Vacu-flush head, Rod storage, Summer kitchen, VHF, 12" Electronics	

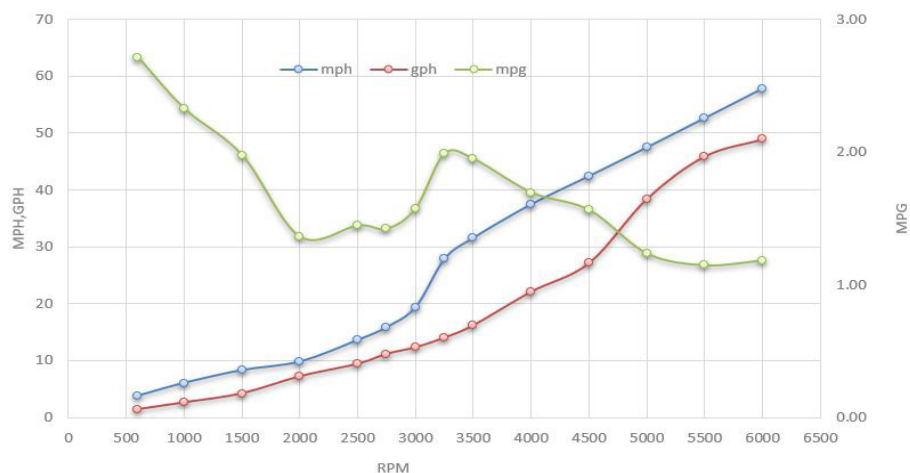
WEIGHT SUMMARY

DRY WEIGHT	8,469 lbs
FUEL	180 gal.
WATER	0 gal.
TEST GEAR	25 lbs
PERSONNEL	345 lbs
TEST WEIGHT	9,946 lbs
WATER CONDITIONS	78° F
WEATHER CONDITIONS	80° F



Speed				Fuel Consumption			
	RPM	mph	knots	gph	mpg	nmpg	range (mi)
Idle	600	3.8	3.3	1.4	2.71	2.36	440
	1000	6.1	5.3	2.6	2.33	2.02	377
	1500	8.3	7.2	4.2	1.98	1.72	320
	2000	9.8	8.5	7.2	1.36	1.18	221
	2500	13.6	11.8	9.4	1.45	1.26	234
	2750	15.9	13.8	11.2	1.42	1.23	230
	3000	19.4	16.8	12.3	1.58	1.37	256
	3250	27.9	24.2	14.0	1.99	1.73	322
	3500	31.6	27.4	16.2	1.95	1.69	316
	4000	37.5	32.5	22.1	1.69	1.47	275
	4500	42.4	36.8	27.2	1.56	1.36	253
	5000	47.5	41.2	38.5	1.23	1.07	200
	5500	52.6	45.7	45.9	1.15	1.00	186
WOT	6000	57.8	50.2	48.9	1.18	1.03	191

Acceleration: Time to plane 4.3 secs | Idle - 30 mph - 6.4 secs



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2021 MODEL YEAR 280 VANTAGE

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TEST #3 Test Date:
10-Sept-2019

MODEL	280 Vantage
HULL #	USBWCE0033F920
ENGINE	Dual Mercury 350 Verado
HORSEPOWER	700
GEAR RATIOS	1.75 : 1
PROP	19P Rev 4
FUEL CAPACITY	180 gal.
Notable Options: Joystick piloting, Bow table, Vacu-flush head, Rod storage, Summer kitchen, Underwater lights, Sunshade, 4KW radome, VHF, 12" Electronics	

WEIGHT SUMMARY

DRY WEIGHT	9,179 lbs
FUEL	83 gal.
WATER	10 gal.
TEST GEAR	25 lbs
PERSONNEL	395 lbs
TEST WEIGHT	10,193 lbs
WATER CONDITIONS	85° F
WEATHER CONDITIONS	78° F

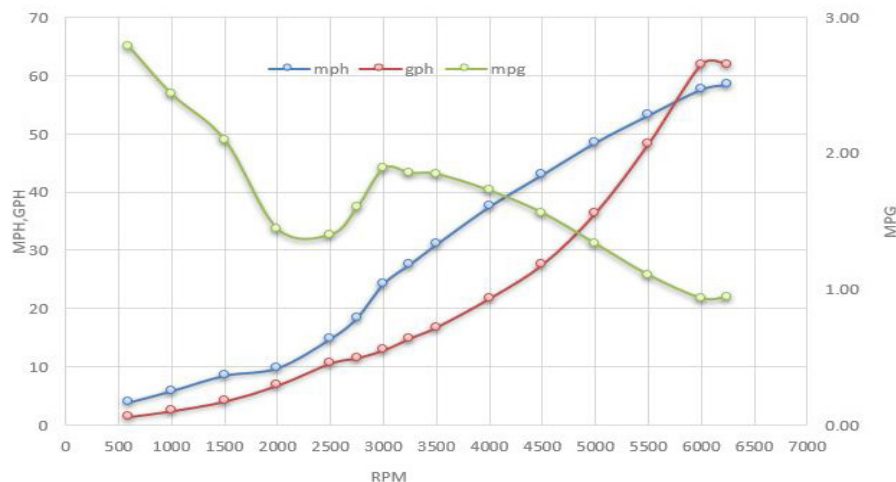


Speed

Fuel Consumption

	RPM	mph	knots	gph	mpg	nmpg	range (mi)
Idle	600	3.9	3.4	1.4	2.79	2.42	464
	1000	5.9	5.1	2.4	2.44	2.12	406
	1500	8.5	7.4	4.1	2.10	1.82	349
	2000	9.8	8.5	6.8	1.44	1.25	240
	2500	14.9	12.9	10.6	1.40	1.22	233
	2750	18.5	16.0	11.5	1.60	1.39	267
	3000	24.3	21.1	12.9	1.89	1.64	315
	3250	27.7	24.0	14.9	1.86	1.61	309
	3500	31.1	27.0	16.8	1.85	1.60	308
	4000	37.6	32.6	21.8	1.73	1.50	287
	4500	43.1	37.4	27.6	1.56	1.35	260
	5000	48.6	42.2	36.5	1.33	1.16	222
	5500	53.3	46.2	48.4	1.10	0.96	183
	6000	57.7	50.1	62.0	0.93	0.81	155
WOT	6250	58.5	50.8	62.0	0.94	0.82	157

Acceleration: Time to plane 5.8 secs | Idle - 30 mph - 6.8 secs



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TEST #4 Test Date:
15-Jan-2020

MODEL	280 Vantage
HULL #	USBWCE0033F920
ENGINE	Dual Mercury 400 Verado
HORSEPOWER	800
GEAR RATIOS	1.75 : 1
PROP	19P Rev 4
FUEL CAPACITY	180 gal.
<i>Notable Options: Joystick piloting, Bow table, Vacu-flush head, Rod storage, Summer kitchen, Underwater lights, Sunshade, 4KW radome, VHF, 12" Electronics</i>	

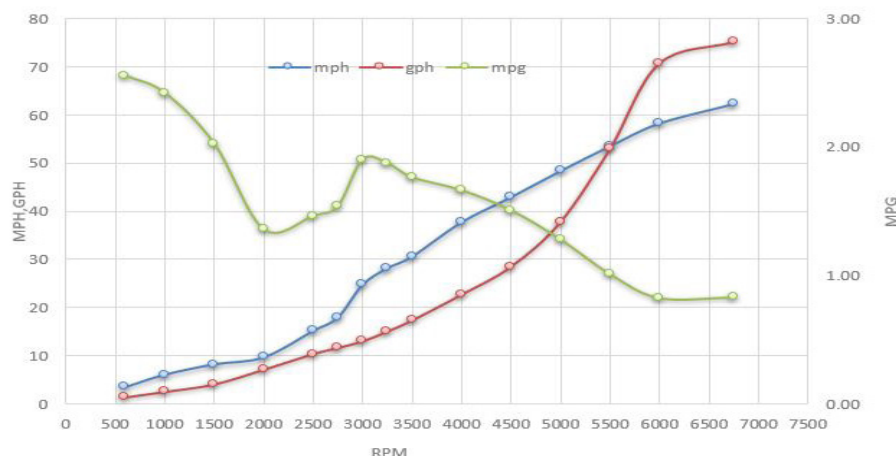
WEIGHT SUMMARY

DRY WEIGHT	9,179 lbs
FUEL	96 gal.
WATER	0 gal.
TEST GEAR	25 lbs
PERSONNEL	345 lbs
TEST WEIGHT	10,139 lbs
WATER CONDITIONS	73° F
WEATHER CONDITIONS	66° F



	Speed			Fuel Consumption			
	RPM	mph	knots	gph	mpg	nmpg	range (mi)
Idle	600	3.5	3.0	1.4	2.56	2.22	426
	1000	6.1	5.3	2.5	2.42	2.10	403
	1500	8.2	7.1	4.1	2.02	1.76	337
	2000	9.7	8.4	7.1	1.36	1.18	226
	2500	15.2	13.2	10.4	1.46	1.27	244
	2750	18.0	15.6	11.7	1.54	1.34	257
	3000	24.8	21.5	13.0	1.90	1.65	317
	3250	28.2	24.5	15.1	1.87	1.63	312
	3500	30.6	26.6	17.4	1.76	1.53	294
	4000	37.8	32.8	22.7	1.66	1.44	277
	4500	43.0	37.3	28.5	1.51	1.31	251
	5000	48.4	42.0	37.8	1.28	1.11	213
	5500	53.6	46.5	53.0	1.01	0.88	168
	6000	58.3	50.6	70.8	0.82	0.72	137
WOT	6750	62.4	54.1	75.3	0.83	0.72	138

Acceleration: Time to plane 5.7 secs | Idle - 30 mph - 7.0 secs

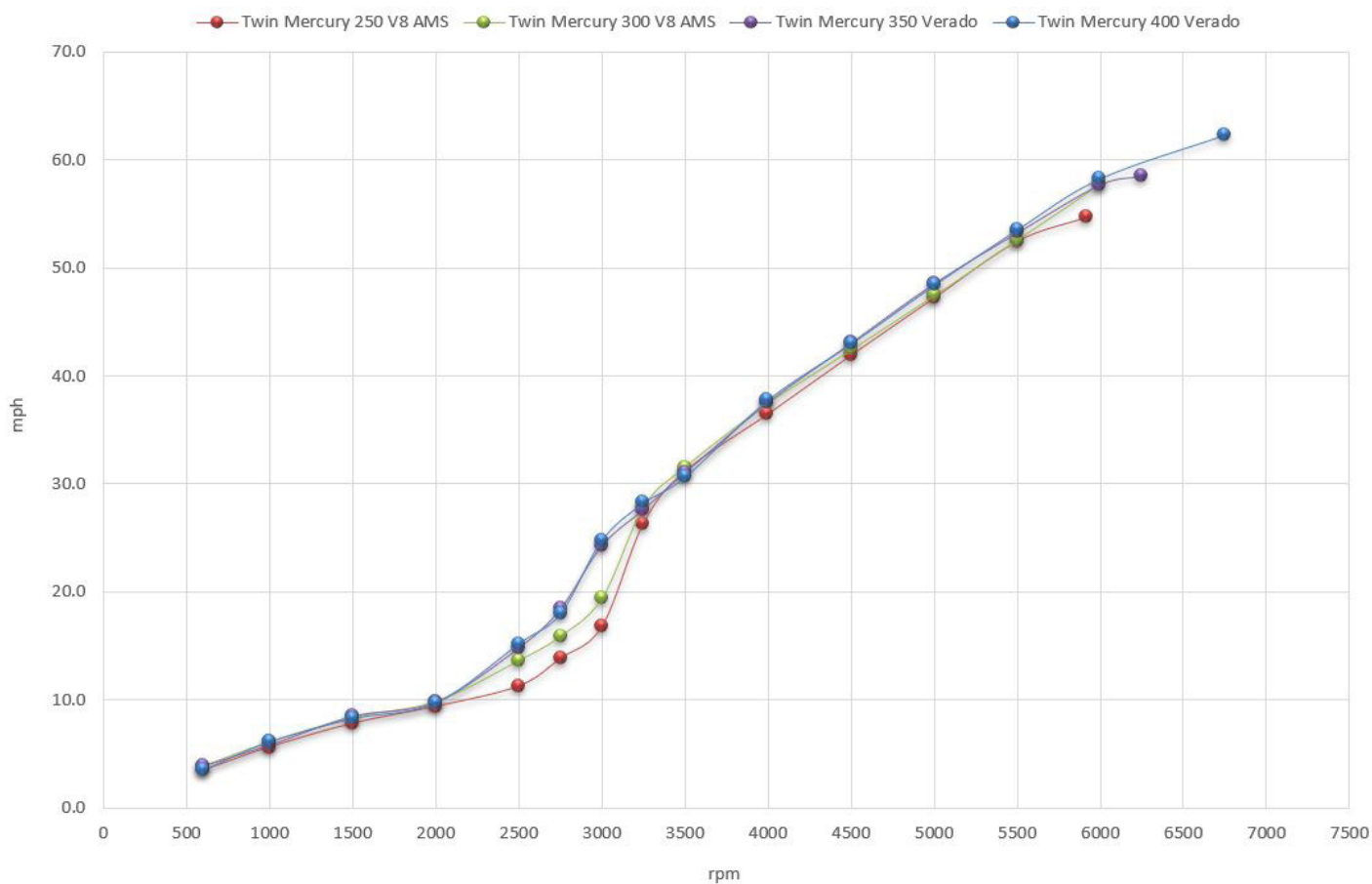


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280 Vantage Engine Comparison Graph



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