



2020 MODEL YEAR 380 REALM

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TEST #1 Test Date:
08-February-2019

MODEL	380 Realm
HULL #	USBWCE00031819
ENGINE	Quad Mercury 300 V8 AMS (with gyro)
HORSEPOWER	1200
GEAR RATIOS	1.85 : 1
PROP	14 5/8" x 20" Rev 4
FUEL CAPACITY	450 gal.

Notable Options: Joystick piloting, Chain rode, Bow table, Sunshade at bow, Sunshade at cockpit, Cockpit table, Refrigerated cooler bucket, Seakeeper Gyro, 16" electronics

WEIGHT SUMMARY

DRY WEIGHT	N/A
FUEL	220 gal.
WATER	0 gal.
TEST GEAR	25 lbs
PERSONNEL	410 lbs
TEST WEIGHT	N/A
WATER CONDITIONS	61° F
WEATHER CONDITIONS	72° F

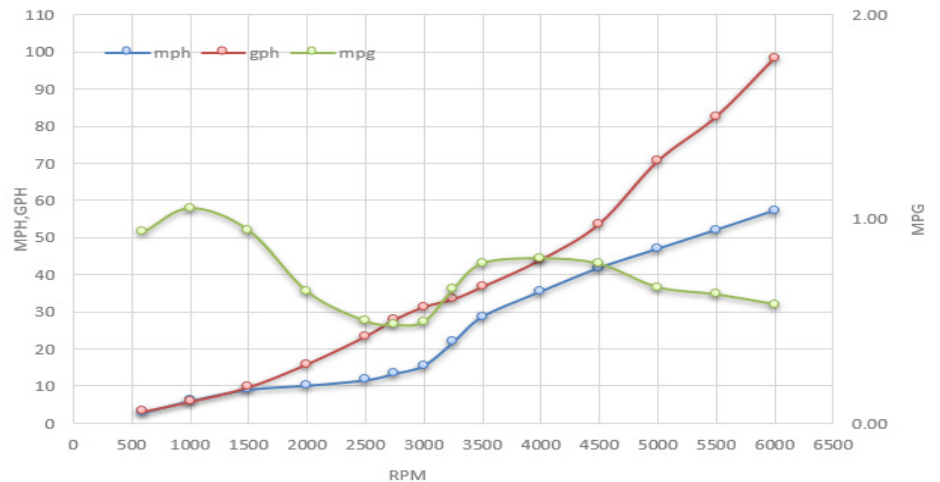


Speed

Fuel Consumption

	RPM	mph	knots	gph	mpg	nmpg	range (mi)
Idle	600	2.9	2.5	3.1	0.94	0.81	379
	1000	6.1	5.3	5.8	1.05	0.91	426
	1500	9.1	7.9	9.7	0.94	0.82	382
	2000	10.2	8.9	15.9	0.64	0.56	261
	2500	11.7	10.1	23.4	0.50	0.43	202
	2750	13.4	11.6	27.9	0.48	0.42	195
	3000	15.6	13.5	31.3	0.50	0.43	201
	3250	21.9	19.0	33.4	0.66	0.57	265
	3500	28.7	24.9	36.7	0.78	0.68	317
	4000	35.5	30.8	44.0	0.81	0.70	327
	4500	41.9	36.3	53.7	0.78	0.68	316
	5000	47.0	40.8	70.6	0.67	0.58	269
	5500	52.1	45.2	82.6	0.63	0.55	255
WOT	6000	57.3	49.7	98.4	0.58	0.51	236

Acceleration: Time to plane 8.0 secs | Idle - 30 mph - 8.3 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.
2) The performance data shown should be considered valid only for the specific boat whose serial number is shown and on the date this test was performed. Many factors may affect the actual performance of this boat or of similar boats. Such factors include, but are not limited to, installation of certain options such as towers and hard tops, vessel loading and trim, weather and sea conditions, engines condition, propeller condition and hull bottom condition. Boston Whaler makes no guarantee whatsoever that this performance will be repeated on this boat at a later date or at any time on a similarly equipped boat.





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TEST #2 Test Date: 28-February-2018

MODEL	380 Realm
HULL #	USBWCE1176J718
ENGINE	Quad Mercury 350 Verado (with gyro)
HORSEPOWER	1400
GEAR RATIOS	1.75 : 1
PROP	16" x 18" Enertia Eco
FUEL CAPACITY	450 gal.

Notable Options: Joystick piloting, Seakeeper 6 Gyro, Freezer plates, Hardtop skylight, Full electronics

WEIGHT SUMMARY

DRY WEIGHT	24,000 lbs
FUEL	215 gal.
WATER	50 gal.
TEST GEAR	25 lbs
PERSONNEL	350 lbs
TEST WEIGHT	26,115 lbs
WATER CONDITIONS	72° F
WEATHER CONDITIONS	75° F

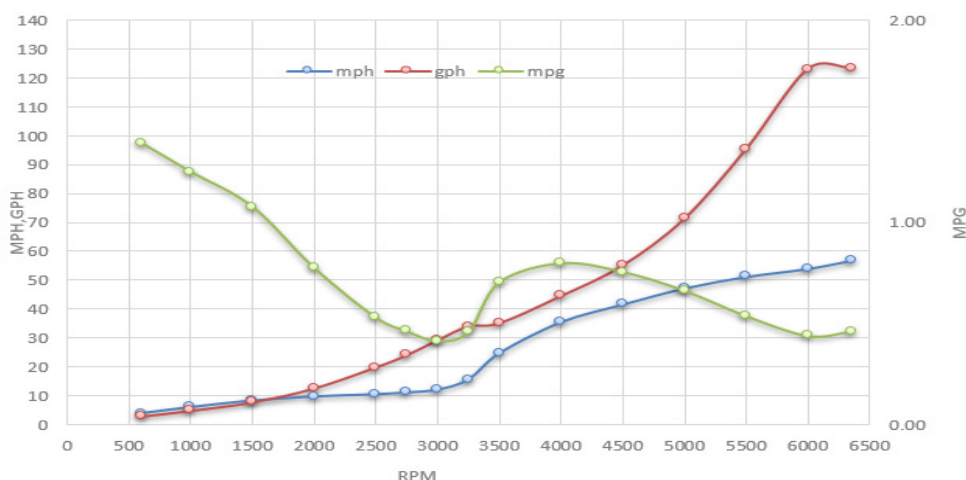


Speed

Fuel Consumption

	RPM	mph	knots	gph	mpg	nmpg	range (mi)
Idle	600	3.9	3.4	2.8	1.39	1.21	564
	1000	6.0	5.2	4.8	1.25	1.09	506
	1500	8.3	7.2	7.7	1.08	0.94	437
	2000	9.7	8.4	12.5	0.78	0.67	314
	2500	10.5	9.1	19.8	0.53	0.46	215
	2750	11.1	9.6	24.0	0.46	0.40	187
	3000	12.1	10.5	29.2	0.41	0.36	168
	3250	15.6	13.5	34.0	0.46	0.40	186
	3500	24.7	21.4	35.1	0.70	0.61	285
	4000	35.5	30.8	44.5	0.80	0.69	323
	4500	41.6	36.1	55.1	0.75	0.66	306
	5000	47.2	41.0	71.3	0.66	0.57	268
	5500	51.2	44.5	95.4	0.54	0.47	217
	6000	54.0	46.9	123.1	0.44	0.38	178
WOT	6350	56.8	49.3	123.4	0.46	0.40	186

Acceleration: Time to plane 7.8 secs | Idle - 30 mph - 9.9 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 #3 Test Date: 23-July-2019

MODEL	380 Realm
HULL #	USBWCE0013F920
ENGINE	Quad Mercury 400 Verado (with gyro)
HORSEPOWER	1600
GEAR RATIOS	1.75 : 1
PROP	16" x 18" Enertia Eco
FUEL CAPACITY	450 gal.

Notable Options: Joystick piloting, Seakeeper 6 Gyro, Refrigerated cooler bucket, Diesel generator, Dual 16" electronics, Radar, Cockpit sunshade

WEIGHT SUMMARY

DRY WEIGHT	20,670 lbs
FUEL	209 gal.
WATER	0 gal.
TEST GEAR	25 lbs
PERSONNEL	360 lbs
TEST WEIGHT	22,340 lbs
WATER CONDITIONS	84° F
WEATHER CONDITIONS	85° F

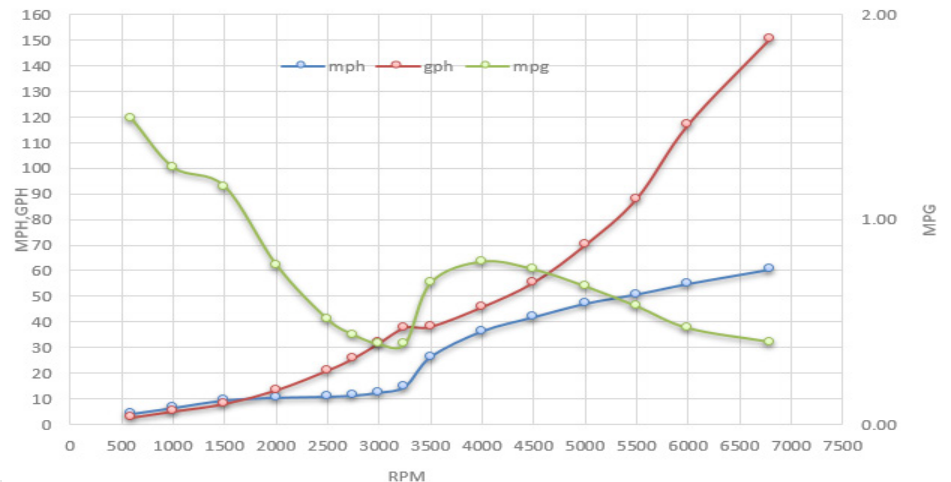


Speed

Fuel Consumption

	RPM	mph	knots	gph	mpg	nmpg	range (mi)
Idle	600	4.1	3.6	2.8	1.49	1.29	604
	1000	6.4	5.6	5.1	1.25	1.09	508
	1500	9.4	8.1	8.1	1.16	1.01	470
	2000	10.4	9.0	13.4	0.78	0.68	316
	2500	10.8	9.4	21.1	0.51	0.44	207
	2750	11.3	9.8	25.8	0.44	0.38	177
	3000	12.4	10.8	31.8	0.39	0.34	158
	3250	14.8	12.9	37.8	0.39	0.34	159
	3500	26.4	22.9	38.2	0.69	0.60	280
	4000	36.4	31.6	45.8	0.79	0.69	322
	4500	41.9	36.4	55.4	0.76	0.66	306
	5000	47.2	40.9	70.0	0.67	0.58	273
	5500	50.8	44.1	88.2	0.58	0.50	233
	6000	54.9	47.7	117.0	0.47	0.41	190
WOT	6800	60.6	52.6	150.7	0.40	0.35	163

Acceleration: Time to plane 9.4 secs | Idle - 30 mph - 10.2 secs



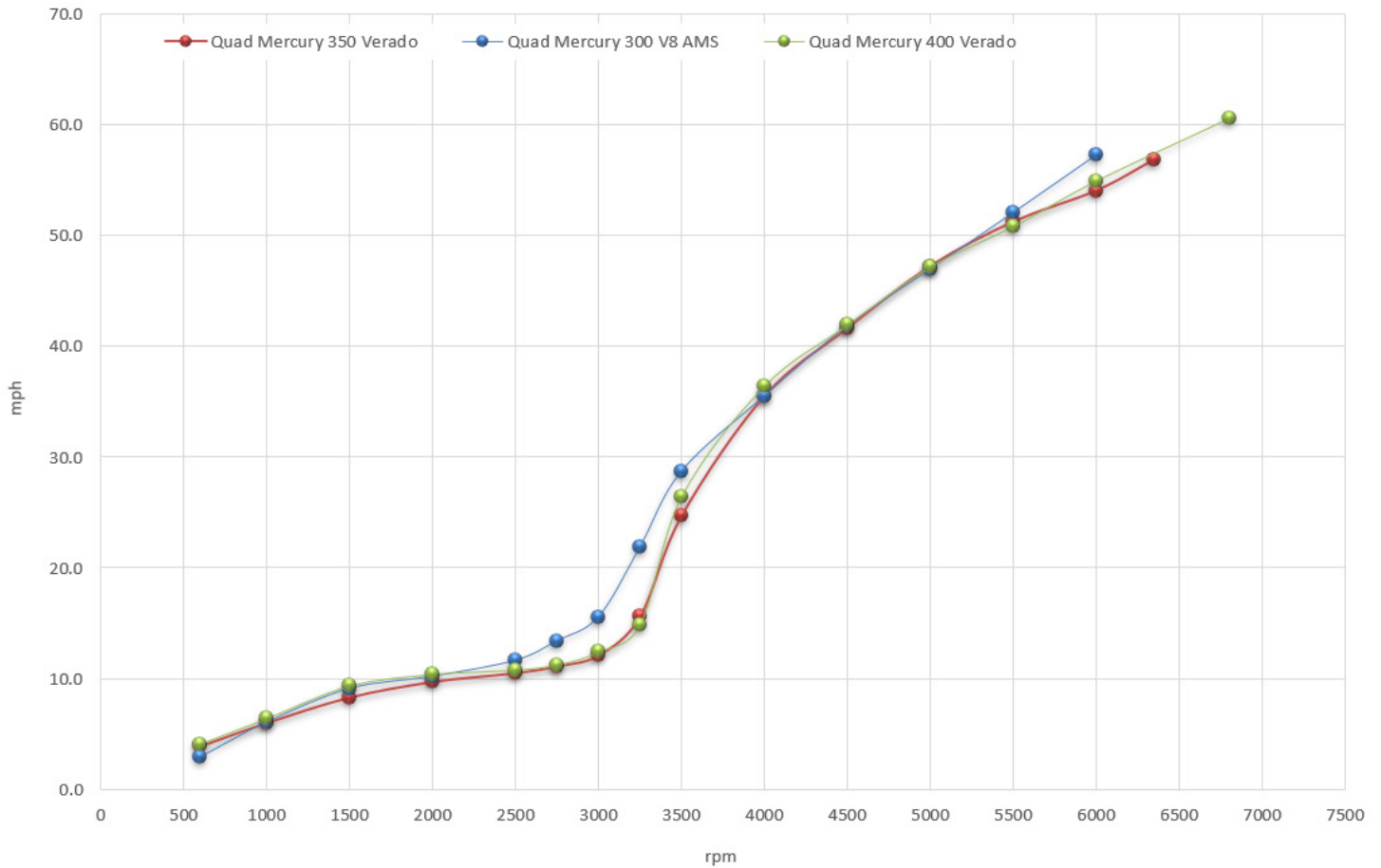
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380 Realm Engine Comparison Graph



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