



# 405 CONQUEST

## TEST #1

Test Date: 28-July-2020

MODEL	405 Conquest
HULL #	USBWCE0001F021
ENGINE	Quad Mercury® 300 V8 AMS
HORSEPOWER	1200
GEAR RATIOS	1.85 : 1
PROP	18/19/19/18 Enertia Eco
FUEL CAPACITY	620 gallons

Notable options: Gyro, full side glass with opening windows, premium audio, 15 kW diesel generator, 19" electronics

### SPEED

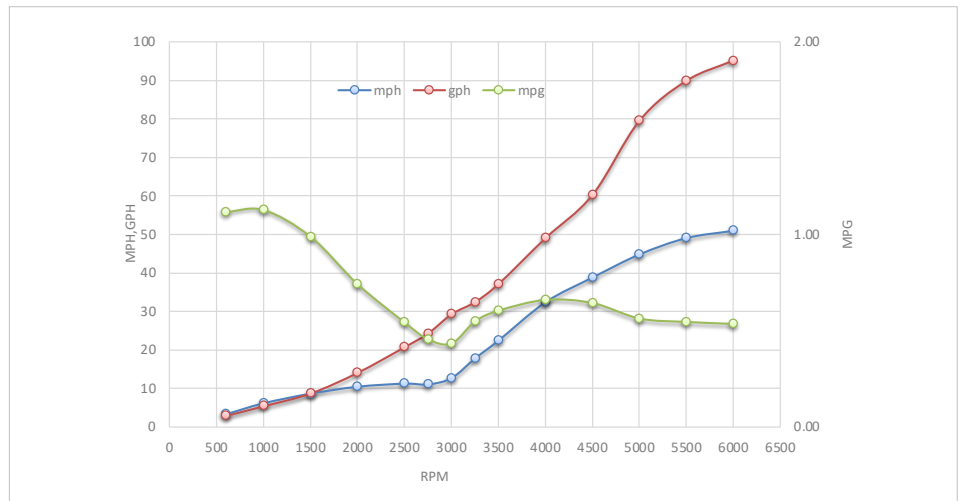
### FUEL CONSUMPTION

	RPM	mph	knots	gph	mpg	nmpg	range (mi)
Idle	600	3.4	2.9	3.0	1.12	0.97	623
	1000	6.2	5.4	5.5	1.13	0.98	629
	1500	8.7	7.6	8.8	0.99	0.86	552
	2000	10.5	9.1	14.2	0.74	0.64	414
	2500	11.3	9.8	20.8	0.54	0.47	303
	2750	11.1	9.6	24.4	0.46	0.40	254
	3000	12.8	11.1	29.4	0.43	0.38	242
	3250	17.9	15.5	32.5	0.55	0.48	306
	3500	22.5	19.5	37.2	0.60	0.53	338
	4000	32.5	28.2	49.1	0.66	0.57	369
	4500	38.9	33.7	60.3	0.64	0.56	360
	5000	44.9	38.9	79.6	0.56	0.49	315
	5500	49.1	42.6	89.9	0.55	0.47	305
WOT	6000	51.0	44.3	95.2	0.54	0.47	299

ACCELERATION: TIME TO PLANE 9.1 SECS | IDLE - 30 MPH - 10.3 SECS

## WEIGHT SUMMARY

DRY WEIGHT	27,268 lbs
FUEL	266 gallons
DIESEL	0 gallons
WATER	63 gallons
TEST GEAR	25 lbs
PERSONNEL	390 lbs
TEST WEIGHT	29,845 lbs
WATER CONDITIONS	85° F
WEATHER CONDITIONS	87° F



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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# 405 CONQUEST

## TEST #2

Test Date: 14-January-2020

MODEL	405 Conquest
HULL #	USBWCE0001F920
ENGINE	Quad Mercury® 400 Verado®
HORSEPOWER	1600
GEAR RATIOS	1.75 : 1
PROP	17/18/18/17 Rev 4
FUEL CAPACITY	620 gallons

Notable options: Gyro, skylight glass, top loading freezer, summer kitchen, full side glass with opening windows, premium audio, 15 kW diesel generator, water maker, 24" passenger MFD

## WEIGHT SUMMARY

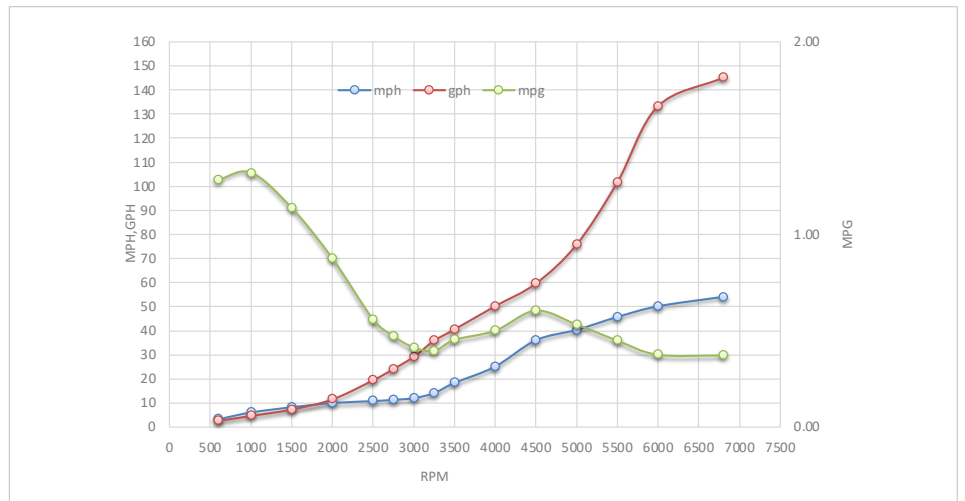
DRY WEIGHT	27,923 lbs
FUEL	440 gallons
DIESEL	35 gallons
WATER	0 gallons
TEST GEAR	25 lbs
PERSONNEL	340 lbs
TEST WEIGHT	31,244 lbs
WATER CONDITIONS	73° F
WEATHER CONDITIONS	72° F

## SPEED

## FUEL CONSUMPTION

	RPM	mph	knots	gph	mpg	nmpg	range (mi)
Idle	600	3.4	3.0	2.7	1.28	1.11	716
	1000	6.2	5.4	4.7	1.32	1.15	736
	1500	8.4	7.3	7.4	1.14	0.99	634
	2000	10.1	8.8	11.6	0.87	0.76	488
	2500	10.9	9.5	19.5	0.56	0.49	312
	2750	11.4	9.9	24.2	0.47	0.41	263
	3000	12.1	10.5	29.3	0.41	0.36	231
	3250	14.2	12.3	35.9	0.40	0.34	221
	3500	18.4	16.0	40.6	0.45	0.39	253
	4000	25.2	21.8	50.3	0.50	0.43	279
	4500	36.1	31.3	59.7	0.60	0.52	337
	5000	40.4	35.0	75.8	0.53	0.46	297
	5500	45.7	39.6	101.5	0.45	0.39	251
	6000	50.1	43.5	133.2	0.38	0.33	210
WOT	6800	54.0	46.9	145.1	0.37	0.32	208

ACCELERATION: TIME TO PLANE 12.1 SECS | IDLE - 30 MPH - 10.7 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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# 405 CONQUEST

## TEST #3

Test Date: 18-August-2021

MODEL	405 Conquest
HULL #	USBWCE2014C121
ENGINE	Triple Mercury® 600 Verado® V12
HORSEPOWER	1800
GEAR RATIOS	2.50 :1
PROP	27.5P V12
FUEL CAPACITY	620 gallons

Notable options: Cockpit Refrigerator, Fish Box Chiller, Top Loading Freezer, Hardtop Sunroof, Full Side Glass, Bow Sunshade, Gyro Stabilizer, Premium Audio, Dual 19" Electronics, 24" Add'l Display, Sat TV, 4 kW Radar

## WEIGHT SUMMARY

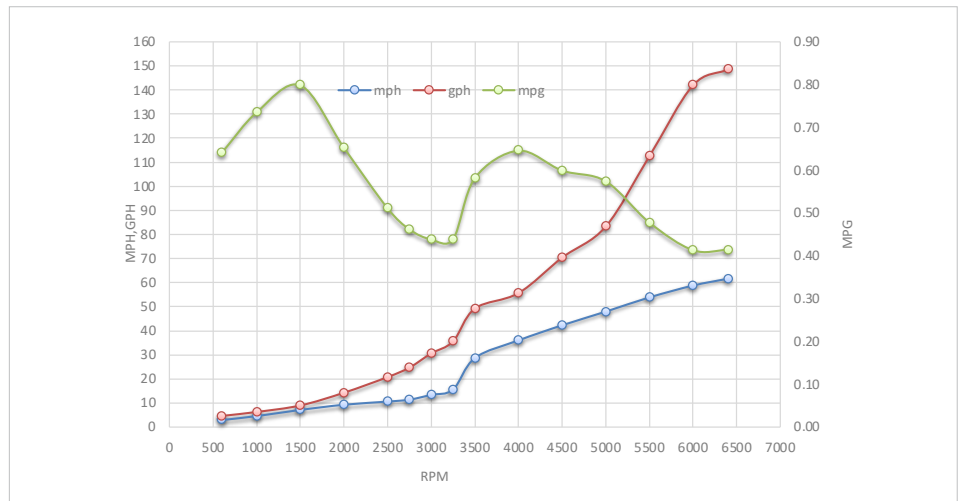
DRY WEIGHT	N/A
FUEL	260 gallons
DIESEL	0 gallons
WATER	7 gallons
TEST GEAR	25 lbs
PERSONNEL	360 lbs
TEST WEIGHT	N/A
WATER CONDITIONS	87° F
WEATHER CONDITIONS	87° F

### SPEED

### FUEL CONSUMPTION

	RPM	mph	knots	gph	mpg	nmpg	range (mi)
Idle	600	3.0	2.6	4.6	0.64	0.56	358
	1000	4.6	4.0	6.3	0.74	0.64	411
	1500	7.2	6.2	9.0	0.80	0.69	446
	2000	9.3	8.1	14.3	0.65	0.57	364
	2500	10.6	9.2	20.8	0.51	0.44	285
	2750	11.4	9.9	24.7	0.46	0.40	258
	3000	13.4	11.6	30.6	0.44	0.38	244
	3250	15.6	13.5	35.6	0.44	0.38	245
	3500	28.7	24.9	49.3	0.58	0.51	325
	4000	36.0	31.2	55.7	0.65	0.56	360
	4500	42.2	36.6	70.4	0.60	0.52	334
	5000	47.9	41.6	83.3	0.57	0.50	321
	5500	53.8	46.7	112.5	0.48	0.41	267
	6000	58.7	50.9	142.0	0.41	0.36	230
WOT	6400	61.5	53.4	148.6	0.41	0.36	231

ACCELERATION: TIME TO PLANE 6.9 SECS | IDLE - 30 MPH - 7.5 SECS



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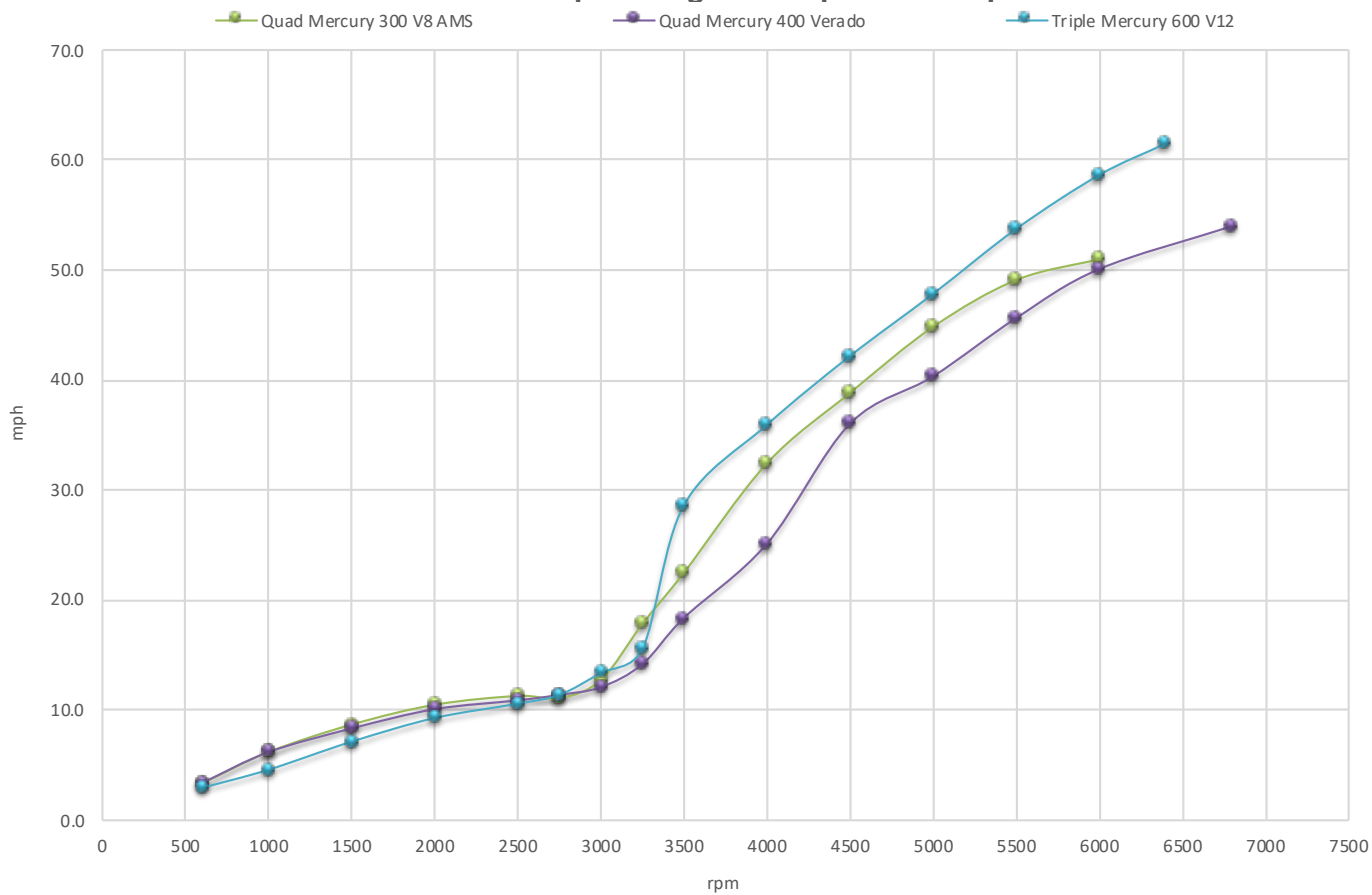


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# 405 CONQUEST

### 405 Conquest Engine Comparison Graph



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