



345 CONQUEST

2016 MODEL YEAR | PERFORMANCE DATA SHEET

TESTING INFORMATION

Model: 345 Conquest
 Hull #: USBWCE0001F314
 Engine: Triple Mercury 300 Verados
 Horsepower: 900
 Gear Ratio: 1.85:1
 Prop: 14 5/8" x 17" Rev 4
 Fuel Capacity: 421 gallons
 Notable Options: Upper Station, Joystick Piloting, Electric Cockpit Sun-Shade, Starboard Cockpit Bench Seat
 Test Date: 10-January-2014

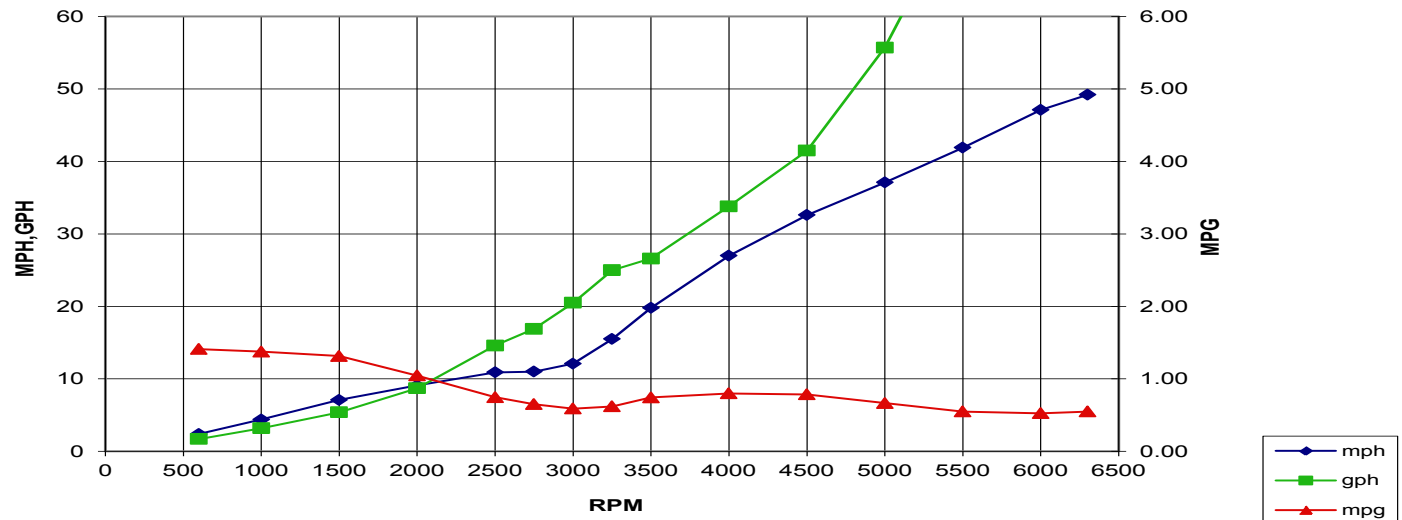
WEIGHT SUMMARY

Dry Weight: 18,000 lbs
 Fuel: 190 gallons
 Water: 20 gallons
 Test Gear: 45 lbs
 Personnel: 360 lbs
 Test Weight: 19,888 lbs
 Water Conditions: 65° F
 Weather Conditions: 68° F

	Speed			Fuel Consumption			
	RPM	mph	knots	gph	mpg	nmpg	range (mi)
Idle	600	2.4	2.1	1.7	1.41	1.23	535
	1000	4.4	3.8	3.2	1.38	1.19	521
	1500	7.1	6.2	5.4	1.31	1.14	498
	2000	9.1	7.9	8.7	1.05	0.91	396
	2500	10.9	9.5	14.6	0.75	0.65	283
	2750	11.0	9.6	16.9	0.65	0.57	247
	3000	12.1	10.5	20.5	0.59	0.51	224
	3250	15.5	13.5	25.0	0.62	0.54	235
	3500	19.8	17.2	26.6	0.74	0.65	282
	4000	27.0	23.4	33.8	0.80	0.69	303
	4500	32.6	28.3	41.5	0.79	0.68	298
WOT	5000	37.1	32.2	55.7	0.67	0.58	252
	5500	41.9	36.4	76.3	0.55	0.48	208
	6000	47.1	40.9	89.7	0.53	0.46	199
6300	49.2	42.7	89.7	0.55	0.48	208	



Acceleration: Time to plane 9.9 secs
 Idle - 30 mph 10.9 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. 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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TESTING INFORMATION

Model: 345 Conquest
 Hull #: USBWCE1875D515
 Engine: Triple Mercury 350 Verados
 Horsepower: 1050
 Gear Ratio: 1.75 :1
 Prop: 16" x 17" Enertia Eco
 Fuel Capacity: 421 gallons
 Notable Options: Joystick Piloting, Windlass Chain, Electric SunShade, Starboard Cockpit Bench Seat
 Test Date: 02-June-2015

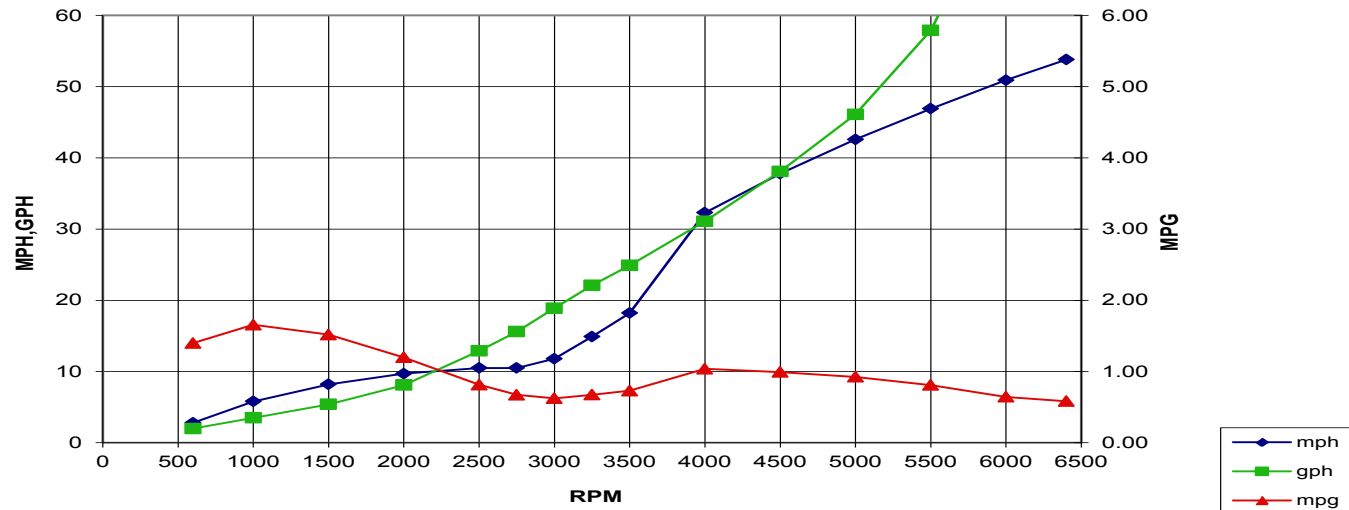
WEIGHT SUMMARY

Dry Weight: lbs
 Fuel: 200 gallons
 Water: 40 gallons
 Test Gear: 25 lbs
 Personnel: 350 lbs
 Test Weight: 19,390lbs
 Water Conditions: 65° F
 Weather Conditions: 68° F

	RPM	Speed		Fuel Consumption			range (mi)
		mph	knots	gph	mpg	nmpg	
Idle	600	2.8	2.4	2.0	1.40	1.22	530
	1000	5.8	5.0	3.5	1.66	1.44	628
	1500	8.2	7.1	5.4	1.52	1.32	575
	2000	9.7	8.4	8.1	1.20	1.04	454
	2500	10.5	9.1	12.9	0.81	0.71	308
	2750	10.5	9.1	15.6	0.67	0.58	255
	3000	11.8	10.2	18.9	0.62	0.54	237
	3250	14.9	12.9	22.1	0.67	0.59	255
	3500	18.2	15.8	24.9	0.73	0.63	277
	4000	32.3	28.0	31.1	1.04	0.90	394
	4500	37.8	32.8	38.1	0.99	0.86	376
WOT	5000	42.6	37.0	46.1	0.92	0.80	350
	5500	46.9	40.7	57.9	0.81	0.70	307
	6000	50.9	44.2	79.1	0.64	0.56	244
	6400	53.8	46.7	92.2	0.58	0.51	221



Acceleration: Time to plane 7.7 secs
 Idle - 30 mph 9.7 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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345 Conquest Engine Comparison Graph

