

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

SunShade, 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

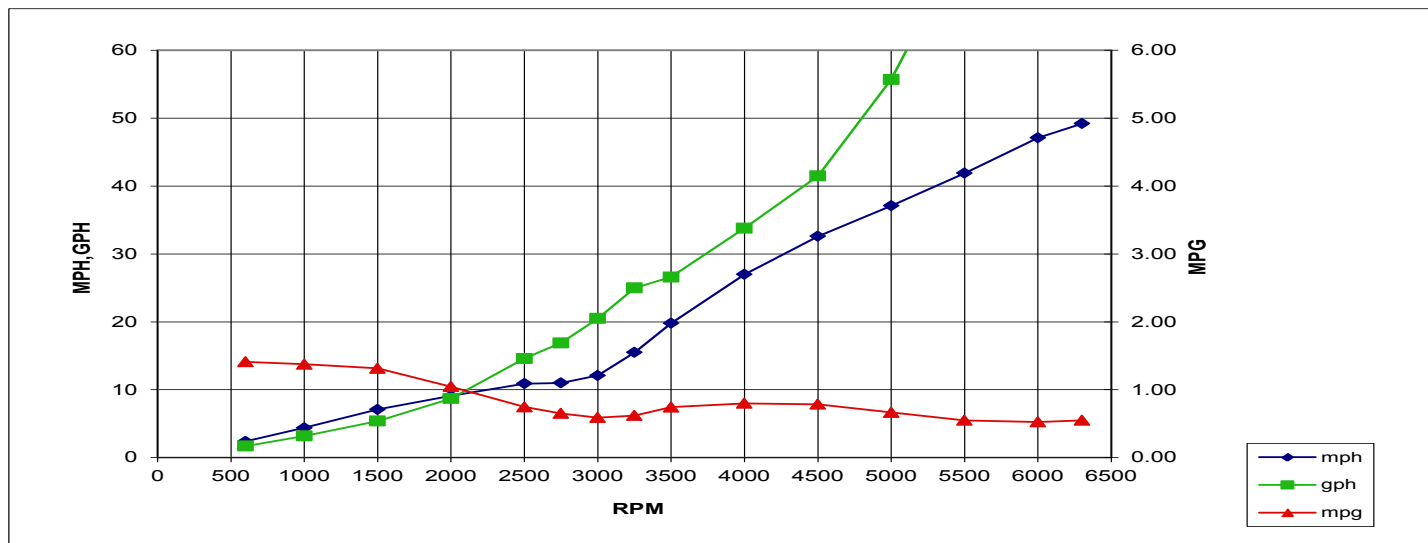
Test Weight: 19,888 lbs

Water Conditions: 65° F

Weather Conditions: 68° F

	RPM	Speed		Fuel Consumption			
		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



345 Conquest Engine Comparison Graph

