

TEST #1

Model: 230 Outrage Hull #: USBWCE1660A616 Engine: Mercury 350 Verado Horsepower: 350 Gear Ratio: 1.75:1 Prop: 141/2" x18" Enertia Fuel Capacity: 107 gallons Notable Options: Hardtop, Premium Package, Windlass, Aft Livewell Test Date: 23-March-2016

WEIGHT SUMMARY

Dry Weight: 4,979 lbs Fuel: 35 gallons Water: 20 gallons Test Gear: 25 lbs Personnel: 375 lbs Test Weight: 5,761 lbs Water Conditions: 70° F Weather Conditions: 50° F

		Speed		Fuel Consumption				
[RPM	mph	knots	gph	mpg	nmpg	range (mi)	
Idle	600	2.6	2.3	0.7	3.71	3.23	358	
	1000	4.6	4.0	1.2	3.83	3.33	369	
	1500	6.2	5.4	1.9	3.35	2.91	323	
	2000	7.9	6.9	2.9	2.72	2.37	262	
	2500	8.7	7.6	5.0	1.74	1.51	168	
	2750	9.2	8.0	6.2	1.50	1.30	144	
	3000	10.8	9.4	7.3	1.48	1.28	142	
	3250	12.5	10.9	8.7	1.45	1.25	139	
	3500	19.7	17.1	8.6	2.30	2.00	222	
	4000	27.4	23.8	10.3	2.67	2.32	257	
	4500	34.7	30.1	13.0	2.67	2.32	257	
	5000	39.5	34.3	16.7	2.37	2.06	228	
	5500	44.6	38.7	21.7	2.06	1.78	198	
	6000	49.2	42.7	30.9	1.59	1.38	153	
woт	6350	54.3	47.2	31.0	1.75	1.52	169	

Acceleration: time to plane

time to plane 5.8 secs Idle - 30 mph 9.6 secs







TEST #2

Model: 230 Outrage Hull #: USBWCE2261C818 Engine: Mercury 250 V8 AMS Horsepower: 250 Gear Ratio: 1.85 : 1 Prop: 14 1/2" x 18" Enertia Fuel Capacity: 110 gallons Notable Options: Hardtop, Anchor Windlass, Portable Head, Stereo Test Date: 18-April-2018

WEIGHT SUMMARY

Dry Weight: N/A Fuel: 42 gallons Water: 0 gallons Test Gear: 20 lbs Personnel: 405 lbs Test Weight: N/A Water Conditions: 70° F Weather Conditions: 69° F

		Spe	eed		Fuel Consumption		
	RPM	mph	knots	gph	mpg	nmpg	range (mi)
Idle	600	2.6	2.3	0.7	3.71	3.23	368
	1000	4.4	3.8	1.3	3.48	3.02	345
	1500	6.7	5.8	2.1	3.24	2.82	321
	2000	8.1	7.0	3.2	2.56	2.22	253
	2500	8.9	7.7	4.5	1.99	1.73	197
	2750	10.1	8.8	5.6	1.82	1.58	180
	3000	11.7	10.2	6.5	1.80	1.56	178
	3250	14.5	12.6	7.5	1.95	1.69	193
	3500	19.9	17.2	7.4	2.70	2.35	267
	4000	27.4	23.8	9.4	2.91	2.53	289
	4500	33.4	29.0	11.7	2.86	2.49	283
	5000	38.4	33.3	14.3	2.68	2.33	266
	5500	43.5	37.8	19.5	2.24	1.94	221
WOT	6000	48.9	42.4	23.5	2.08	1.81	206

Acceleration: time to plane 4.9 secs Idle - 30 mph 8.8 secs







TEST #3

Model: 230 Outrage Hull #: USBWCE2261C818 Engine: Mercury 300 V8 AMS Horsepower: 300 Gear Ratio: 1.85 : 1 Prop: 16" x 18" Enertia Fuel Capacity: 110 gallons Notable Options: Hardtop, Anchor Windlass, Portable Head, Stereo Test Date: 17-April-2018

WEIGHT SUMMARY

Dry Weight: N/A Fuel: 48 gallons Water: 0 gallons Test Gear: 20 lbs Personnel: 405 lbs Test Weight: N/A Water Conditions: 70° F Weather Conditions: 60° F

		Spe	eed		Fuel Con	sumption	
	RPM	mph	knots	gph	mpg	nmpg	range (mi)
Idle	600	3.6	3.1	0.9	4.18	3.63	413
	1000	5.5	4.7	1.4	3.89	3.38	385
	1500	7.4	6.4	2.4	3.15	2.73	312
	2000	8.8	7.6	3.8	2.30	2.00	228
	2500	10.4	9.0	5.3	1.98	1.72	196
	2750	11.1	9.6	6.1	1.83	1.59	182
	3000	12.5	10.9	7.2	1.75	1.52	173
	3250	14.6	12.7	8.0	1.84	1.59	182
	3500	22.9	19.9	8.0	2.86	2.49	283
	4000	32.6	28.3	11.3	2.89	2.51	286
	4500	37.5	32.5	13.8	2.72	2.37	270
	5000	42.1	36.5	15.8	2.67	2.32	264
	5500	47.2	40.9	23.0	2.05	1.78	203
WOT	6000	52.5	45.6	25.7	2.05	1.78	203

Acceleration: time to plane 4.9 secs Idle - 30 mph 7.6 secs







TEST #4

Model: 230 Outrage Hull #: USBWCE0013F617 Engine: Mercury Twin 150 Four Stroke Horsepower: 300 Gear Ratio: 1.92 : 1 Prop: 14 3/8" x 19" Enertia Fuel Capacity: 107 gallons Notable Options: Hardtop, Freshwater, Aft Sunshade Test Date: 11-July-2016

WEIGHT SUMMARY

Dry Weight: 5,010 lbs Fuel: 56 gallons Water: 0 gallons Test Gear: 25 lbs Personnel: 370 lbs Test Weight: 5,749 lbs Water Conditions: 87° F Weather Conditions: 92° F

		Spee	d		F	uel Consumption	ion
	RPM	mph	knots	gph	mpg	nmpg	range (mi)
dle	600	3.8	3.3	1.2	3.17	2.75	314
	1000	6.2	5.4	1.9	3.26	2.83	323
	1500	8.1	7.0	3.2	2.53	2.20	251
	2000	9.0	7.8	5.0	1.80	1.56	178
	2500	12.3	10.7	7.5	1.64	1.42	162
	2750	18.8	16.3	7.6	2.47	2.15	245
	3000	23.1	20.1	8.0	2.89	2.51	286
	3250	25.9	22.5	8.9	2.91	2.53	288
	3500	29.9	26.0	10.4	2.88	2.50	285
	4000	35.3	30.7	13.8	2.56	2.22	253
	4500	40.4	35.1	17.2	2.35	2.04	233
	5000	44.8	38.9	22.3	2.01	1.74	199
	5500	49.5	43.0	28.6	1.73	1.50	171
от	5700	50.7	44.0	28.6	1.77	1.54	176

Acceleration:

time to plane 4.8 secs Idle - 30 mph 8.8 secs







TEST #5

Model: 230 Outrage Hull #: USBWCE1133L617 Engine: Mercury Twin 115 Four Stroke Horsepower: 230 Gear Ratio: 2.38:1 Prop: 14 1/8" x 21" Enertia Fuel Capacity: 110 gallons Notable Options: Sun Top, Windlass, Split Bow Rail, Portable Head Test Date: 3-Jan-2017

WEIGHT SUMMARY

Dry Weight: 4,470 lbs Fuel: 60 gallons Water: 0 gallons Test Gear: 20 lbs Personnel: 350 lbs Test Weight: NA Water Conditions: NA Weather Conditions: 82° F

		Speed			Fuel Consumption				
	RPM	mph	knots	gph	mpg	nmpg	range (mi)		
Idle	600	3.2	2.8	1.0	3.37	2.93	333		
	1000	4.3	3.7	1.3	3.27	2.84	324		
	1500	6.5	5.6	2.2	2.93	2.55	290		
	2000	7.7	6.7	3.5	2.20	1.91	218		
	2500	8.9	7.7	5.0	1.77	1.54	175		
	2750	10.7	9.2	5.8	1.84	1.59	182		
	3000	14.0	12.1	6.5	2.16	1.88	214		
	3250	17.6	15.2	6.7	2.62	2.27	259		
	3500	21.3	18.5	7.5	2.85	2.48	282		
	4000	27.3	23.7	10.1	2.70	2.34	267		
	4500	32.6	28.3	12.9	2.53	2.19	250		
	5000	37.6	32.6	15.5	2.43	2.11	241		
	5500	41.5	36.0	19.5	2.13	1.85	211		
wot	6100	46.0	39.9	22.9	2.01	1.75	199		

Acceleration: time to plane 7.0 secs Idle - 30 mph 11.0 secs







230 Outrage Engine Comparison Graph



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