



The Unsinkable Legend™



ENGINE PERFORMANCE TEST

305 CONQUEST®: Twin Mercury® 225 Verado®

Testing Information

Model: 305 Conquest

Hull #: BWCE4457F304

Engine: Twin Mercury 225 Verado

Horsepower: 450

Gear Ratio: 1.85 : 1

Prop: 15 3/4" x 15" Mirage

Fuel Capacity: 300 gallons

Notable Options: None

Test Date: 26-Jul-2004

	RPM	Speed		gph	Fuel Consumption		range (mi)	Noise dB(A)
		mph	knots		mpg	nmpg		
Idle	600	3.8	3.3	0.6	6.33	5.50	1710	64
	1000	5.7	4.9	1.5	3.80	3.30	1026	75
	1500	7.8	6.8	2.9	2.69	2.34	726	78
	2000	9.4	8.2	4.7	2.00	1.74	540	78
	2500	10.1	8.8	8.0	1.26	1.10	341	79
	2750	11.3	9.8	9.9	1.14	0.99	308	83
	3000	15.0	13.0	12.0	1.25	1.09	338	85
	3250	17.9	15.5	14.1	1.27	1.10	343	85
	3500	21.4	18.6	16.1	1.33	1.15	359	84
	4000	26.6	23.1	19.0	1.40	1.22	378	87
	4500	31.0	26.9	25.4	1.22	1.06	330	88
WOT	5000	35.1	30.5	33.4	1.05	0.91	284	89
	5500	39.4	34.2	43.1	0.91	0.79	247	91
	6050	42.0	36.5	49.7	0.85	0.73	228	95

Acceleration: time to plane 5.9 secs
Idle - 30 mph 9.0 secs

Weight Summary

Dry Weight: 10700 lbs

Fuel: 150 gallons

Water: 40 gallons

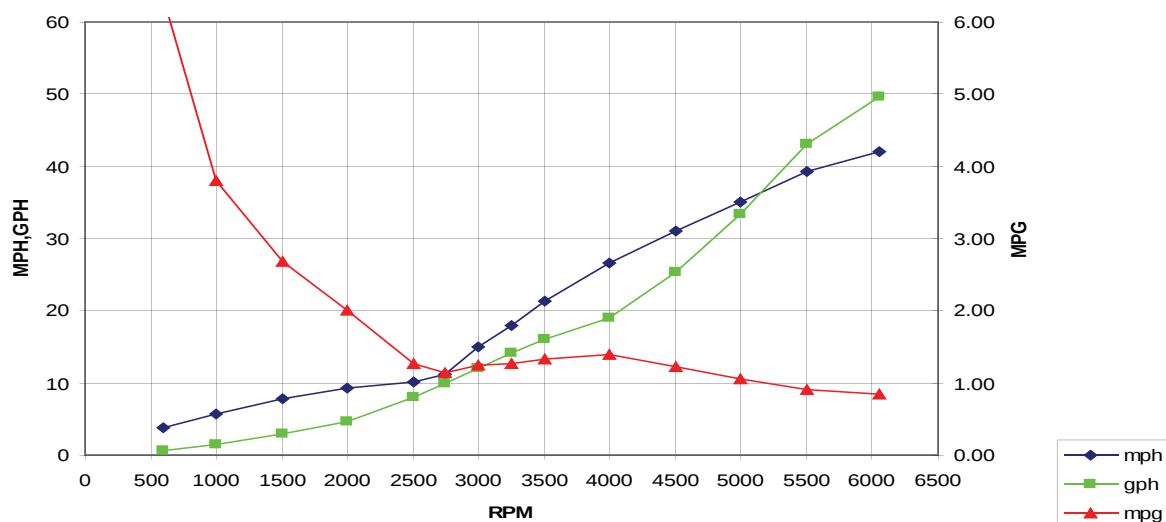
Test Gear: 0 lbs

Personnel: 335 lbs

Test Weight: 12292 lbs

Water Conditions: 87° F

Weather Conditions: 89° 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, engine 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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ENGINE PERFORMANCE TEST

305 CONQUEST®: Twin Mercury® 250 Verado®

Testing Information

Model: 305 Conquest

Hull #: BWCE4457F304

Engine: Twin Mercury 250 Verado

Horsepower: 500

Gear Ratio: 1.85 : 1

Prop: 15 3/4" x 15" Mirage

Fuel Capacity: 300 gallons

Notable Options: None

Test Date: 6-May-2004

	RPM	Speed		gph	Fuel Consumption		range (mi)	Noise dB(A)
		mph	knots		mpg	nmpg		
Idle	600	3.1	2.7	0.6	5.17	4.49	1395	50
	1000	5.4	4.7	1.6	3.38	2.93	911	61
	1500	7.5	6.5	3.0	2.50	2.17	675	64
	2000	8.9	7.7	4.8	1.85	1.61	501	68
	2500	10.0	8.7	7.8	1.28	1.11	346	70
	2750	11.2	9.7	9.6	1.17	1.01	315	74
	3000	13.9	12.1	11.6	1.20	1.04	324	78
	3250	16.6	14.4	13.8	1.20	1.04	325	79
	3500	20.9	18.1	16.4	1.27	1.11	344	78
	4000	26.4	22.9	19.6	1.35	1.17	364	78
	4500	31.1	27.0	23.8	1.31	1.13	353	80
WOT	5000	35.3	30.7	33.0	1.07	0.93	289	81
	5500	39.4	34.2	42.6	0.92	0.80	250	81
	6000	43.0	37.3	53.5	0.80	0.70	217	83
	6200	44.9	39.0	57.8	0.78	0.67	210	85

Acceleration: time to plane 5.7 secs
Idle - 30 mph 9.5 secs

Weight Summary

Dry Weight: 10700 lbs

Fuel: 150 gallons

Water: 40 gallons

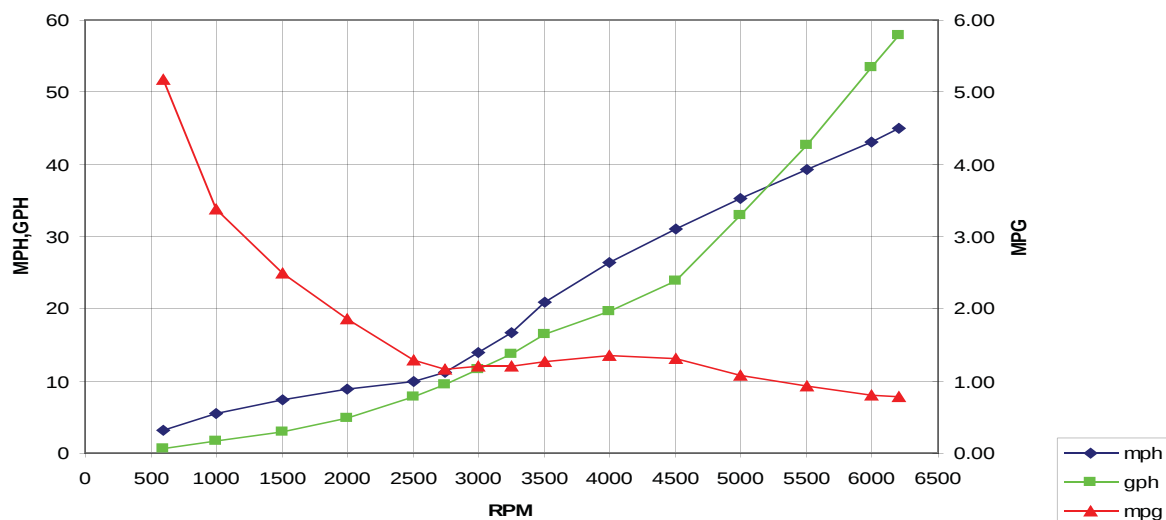
Test Gear: 0 lbs

Personnel: 355 lbs

Test Weight: 12312 lbs

Water Conditions: 78° F

Weather Conditions: 89° F



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ENGINE PERFORMANCE TEST

305 CONQUEST®: Twin Mercury® 300 Verado®

Testing Information

Model: 305 Conquest

Hull #: BWCE1968L708

Engine: Twin Mercury 300 Verado

Horsepower: 600

Gear Ratio: 1.75 : 1

Prop: 14 1/2" x 17" Enertia

Fuel Capacity: 300 gallons

Notable Options: Cruising Package, A/C,

Cockpit Table, Weather Curtains

Test Date: 1-Feb-2008

Weight Summary

Dry Weight: 10969 lbs

Fuel: 150 gallons

Water: 0 gallons

Test Gear: 0 lbs

Personnel: 380 lbs

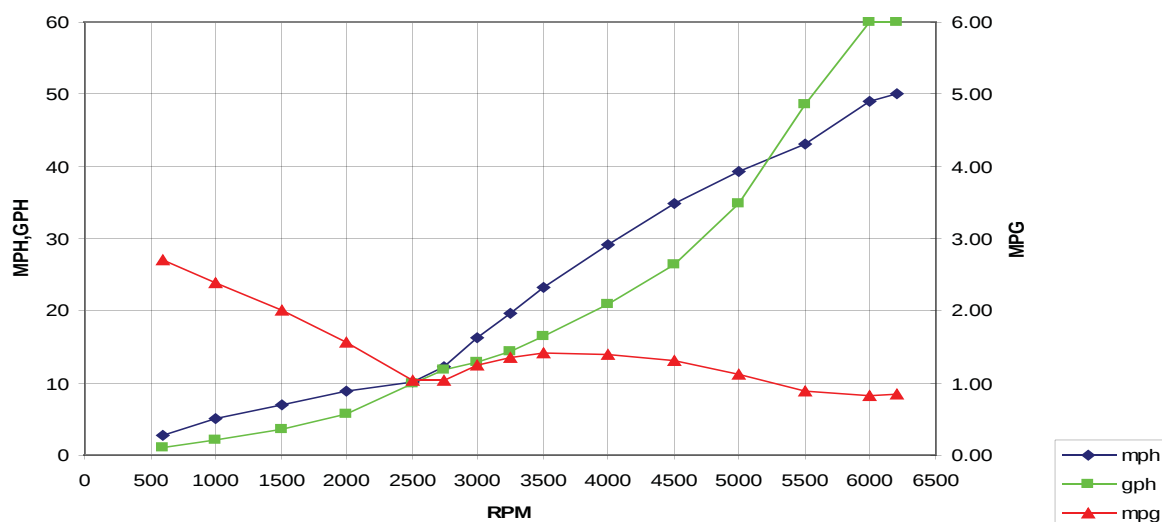
Test Weight: 12272 lbs

Water Conditions: 63° F

Weather Conditions: 71° F

	RPM	Speed		gph	Fuel Consumption		range (mi)	Noise dB(A)
		mph	knots		mpg	nmpg		
Idle	600	2.7	2.3	1.0	2.70	2.34	729	N/A
	1000	5.0	4.3	2.1	2.38	2.07	643	N/A
	1500	7.0	6.1	3.5	2.00	1.74	540	N/A
	2000	8.9	7.7	5.7	1.56	1.36	422	N/A
	2500	10.2	8.9	9.9	1.03	0.89	278	N/A
	2750	12.3	10.7	11.8	1.04	0.91	281	N/A
	3000	16.2	14.1	12.9	1.26	1.09	339	N/A
	3250	19.6	17.0	14.4	1.36	1.18	368	N/A
	3500	23.2	20.1	16.5	1.41	1.22	380	N/A
	4000	29.2	25.4	21.0	1.39	1.21	375	N/A
	4500	34.9	30.3	26.5	1.32	1.14	356	N/A
WOT	5000	39.4	34.2	34.9	1.13	0.98	305	N/A
	5500	43.2	37.5	48.5	0.89	0.77	240	N/A
	6000	49.1	42.6	60.0	0.82	0.71	221	N/A
	6200	50.1	43.5	60.0	0.84	0.73	225	N/A

Acceleration: time to plane 7.6 secs
Idle - 30 mph 9.3 secs



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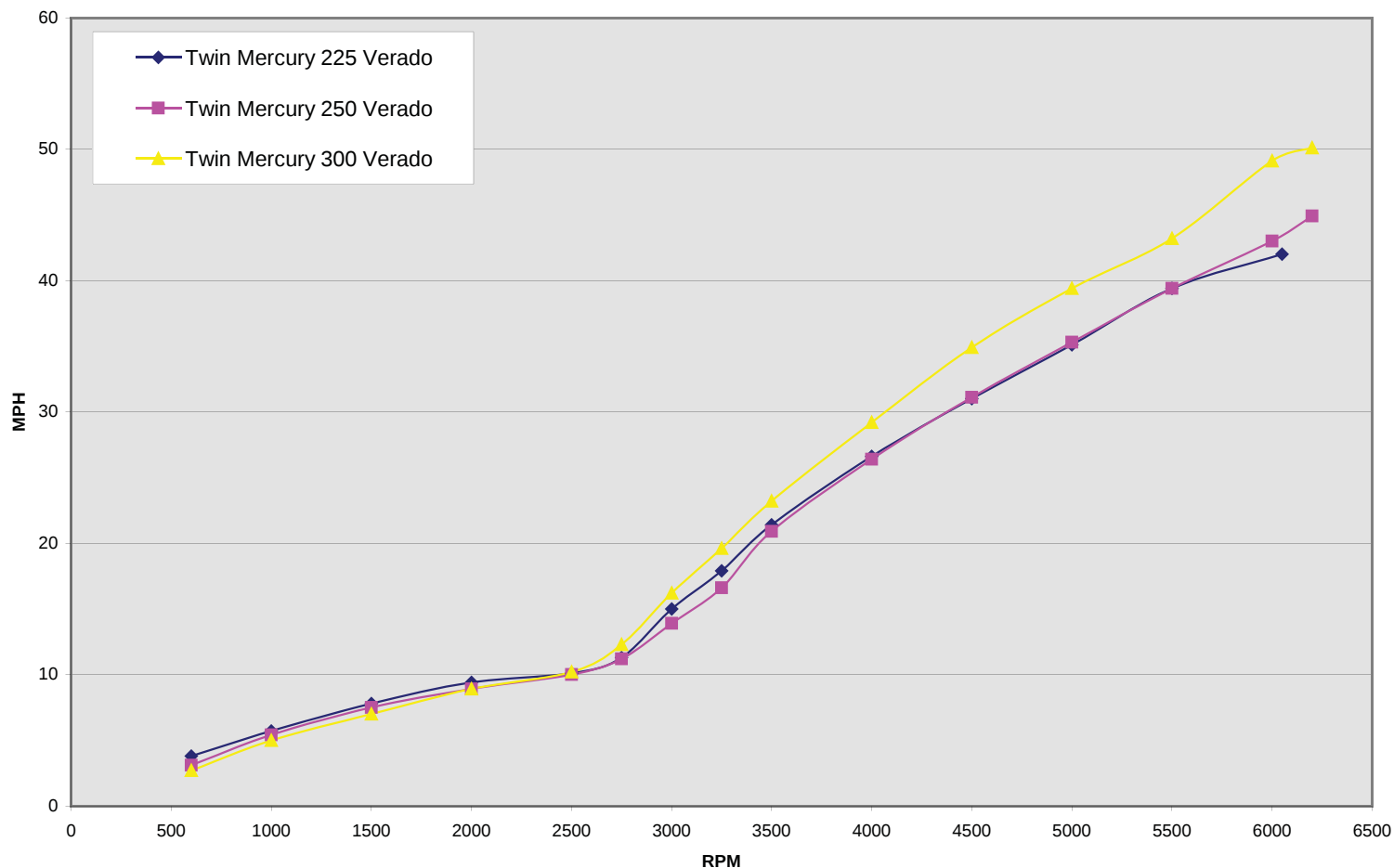
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305 CONQUEST®: Engine Comparison Graph



305 Conquest Engine Comparison Graph



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