



PURSUIT ENGINEERING

Boat Performance Test

Test Title: L6 w/Twin Yamaha 225 four-strokes

Boat Model: 2670 Denali LS

Hull #: L6183

Engine Model/HP: F225TXRC / 225hp

Propeller: 15-1/4" x 19" Saltwater Series

Gear Ratio: 2

Weight as Tested: Dry=7355, Fuel=1062, Water=150,
Gear=100, Persons=375, **Total=9042lbs.**

Load: 170 gal. Fuel, 18 gal. Water, 2 man,
Hardtop, No bottom paint

Test Date: June 28, 2004

Tested By: Eric Hess, Cliff Coleman - Q.A.

Test Location: S. Indian River, Ft. Pierce, FL

Air Temp: 91.5°

Water Temp: 87

Wind MPH/Direction: 5-10/SE

Water Cond: Calm

Fuel Capacity: 188 Gallons

Operating range: 5000-6000 rpm

RPM	TRIM °	Direction: N				Direction: S				Averages			
		MPH	GPH	dB	RUN °	MPH	GPH	dB	RUN °	MPH	GPH	dB	RUN °
600	-4.5°	4.3	2.4	58	0	2.3	2.2	55	0	3.3	2.3	56.5	0
1000	-4.5°	6.4	3.2	66.5	0	4.3	3.0	66	0	5.4	3.1	66.3	0
1500	-4.5°	8.6	4.4	68	1	6.7	4.4	68	1	7.7	4.4	68	1
2000	-4.5°	9.9	5.6	73	3	8.0	5.7	73	3	9.0	5.7	73	3
2500	-4.5°	11.3	9.1	76.5	6	10.6	9.7	77	6	11.0	9.4	76.8	6
3000	-4.5°	16.9	11.7	81	6	14.8	11.7	81.5	6	15.9	11.7	81.3	6
3500	-4.5°	27.2	13.6	82.5	5	25.1	14.5	82	5	26.2	14.1	82.3	5
4000	0°	32.5	17.6	83	5	31.2	17.8	83	5	31.9	17.7	83	5
4500	+2°	38.1	23.2	84.5	4.5	36.7	22.3	85	4.5	37.4	22.8	84.8	4.5
5000	+4°	43.3	26.8	87	4	41.5	26.5	86	4	42.4	26.7	86.5	4
5500	+6°	47.5	33.0	87	3.5	45.7	32.7	86.5	3.5	46.6	32.9	86.8	3.5
6000	+8°	51.0	38.5	87.5	3.5	49.0	37.3	88	3.5	50.0	37.9	87.8	3.5

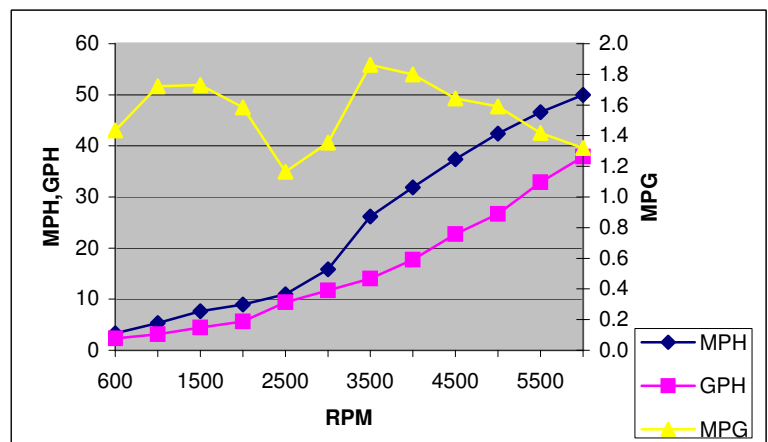
0 to 30 mph Acceleration = N/ 8.14 N/ 8.03 S/ 7.97 S/ 8.12 --- Avg. 8.1sec.

Single Engine Performance (Heavy Load)* = 26.0 mph @ 4700 rpm

*For emergency return to port ONLY.

Fuel Economy Data

RPM	MPH	MPG	RANGE*
600	3.3	1.43	243
1000	5.4	1.72	292
1500	7.7	1.73	293
2000	9.0	1.58	268
2500	11.0	1.16	197
3000	15.9	1.35	229
3500	26.2	1.86	315
4000	31.9	1.80	304
4500	37.4	1.64	278
5000	42.4	1.59	269
5500	46.6	1.42	240
6000	50.0	1.32	223



*Range based on 90% of total fuel capacity