

## Arthur Barbeito & Asso Sea Trial

**April 21, 1999**

### Northbound Trial

Desired RPM	Actual RPM		Fuel Consumption		GPS Speed	Depth	Trim	Compass	Run Time
	Port	Stbd	Port	Stbd	Knots	Feet	Degrees	Degrees	Minutes
1050	1100	1080	11.5	10.8	11.2	67	na	5	8
1250	1250	1225	17.4	17.5	12.9	69	na	5	8
1500	1510	1475	31.4	30.6	15.9	90	1.5	2	6
1850	1840	1805	53.4	52.8	21.2	322	2.5	14	9
2000	2060	2010	74.5	72.0	25.2	398	2.5	18	10
2150	2150	2100	82.0	79.9	26.1	410	2	14	9
2250	2270	2230	96.8	95.0	28.0	428	2	10	7
WOT	2275	2235	95.3	92.6	28.0	438	na	18	11

### Southbound Trial

Desired RPM	Actual RPM		Fuel Consumption		GPS Speed	Depth	Trim	Compass	Run Time
	Port	Stbd	Port	Stbd	Knots	Feet	Degrees	Degrees	Minutes
1250	1250	1215	17.0	15.0	10.6	138	na	201	na
1500	1510	1480	33.5	28.5	12.9	155	na	191	na
1850	1850	1810	55.0	50.0	17.6	211	na	195	na
2000	1990	1950	66.0	62.0	20.0	240	1.75	190	na
2150	2130	2090	82.0	77.9	23.0	292	1.75	192	5
2250	2250	2200	92.8	88.6	24.0	300	2	197	5
WOT	2280	2250	96.0	91.5	24.2	223	na	197	8

#### Calculated Average Speed

Avg RPM	AVG Speed
1235	11.75
1494	14.4
1827	19.4
2003	22.6
2123	24.5
2238	26
WOT	26.1

#### Other Notes:

Props: Michigan 38"X51"X5 Blade (Original was 54")