

2900 Coronet Twin Crusader® 6.0L MPI Gas, 375hp




PERFORMANCE REPORT


Date tested: 9/26/2005 Test Engineer: Mike Ward

Hull Number: SSUT9373H506
Location: Lake Macatawa, Holland, MI
Weather: Cloudy, Wind North @ 15-20 mph
Water / Air Temp: 64 / 72

Propeller: EPX-300 19 x 24 #7 cup .60 DAR Nibral
Gear Ratio: ZF63A 2.52 / 2.54:1
Fuel Capacity: 200 gallons
Fuel/Water/Waste: 100%/100%/100%
People on Board: 4 people
Gear on Board: 200 lbs.

PERFORMANCE:	
Acceleration:	6 seconds to 4000 RPM / 12 seconds to 5000 RPM 16 seconds to 40 mph
Optimum Cruise Speed:	25.9 mph @ 3417 RPM / 31.7 mph @ 3979 RPM
Range at Optimum Cruise:	226 miles @ 3417 RPM / 216 miles @ 3979 RPM

RPM	MPH	Knots	GPH	MPG	dB,A	Trim Angle (degrees)	Estimated Range (Statute Miles)
647	4.0	3.5	1.6	2.53	62	0.0	455
984	6.1	5.3	2.4	2.48	64	0.3	447
1525	8.3	7.2	4.4	1.89	71	1.0	340
1986	9.7	8.4	7.3	1.33	78	3.5	239
2521	12.7	11.0	12.9	0.98	79	7.3	177
3006	20.2	17.5	17.4	1.16	82	8.0	209
3417	25.9	22.5	20.6	1.25	82	7.3	226
3567	27.7	24.1	22.0	1.26	83	6.8	227 
3782	30.0	26.1	23.9	1.25	84	6.3	226
3979	31.7	27.5	26.3	1.20	86	6.0	216
4197	33.4	29.0	30.1	1.11	87	6.0	200
4375	35.0	30.4	34.8	1.01	89	5.5	181
4603	36.7	31.9	39.4	0.93	90	5.5	168
4811	38.2	33.1	43.5	0.88	91	5.0	158
5014	39.7	34.5	47.0	0.84	92	5.0	152
5232	41.2	35.0	53.9	0.76	93	5.0	138

Comments: Factory canvas top with front & side isinglass fillers installed
All data is the average of two direction runs (East & West)
 Estimated range data point

Note:

Speed determined by GPS, GPH based on the total usage for the engines. MPG computed from MPH and GPH figures shown.

Range based on calculated MPG and 90% of total fuel capacity. The Performance data shown above 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 actual performance obtained on this boat or on similar boats. These include but are not limited to, installation of certain options such as tuna towers, hard tops, vessel loading and trim, weather and sea conditions, engine and boat condition, propeller condition, water temperature, altitude, manufacturing tolerances, etc. Tiara Yachts make no guarantees

whatsoever that this performance will be repeated on this boat at a later date or at any time on a similarly equipped boat.

Horsepower ratings are determined using the Society of Automotive Engineers (SAE) method of calibration.