

All American Marine

Project:	32' Top House Stern picker	Date:	11/11/2010
Weather:	Clear	Fuel Port:	200 Gallons
Sea state:	Light Chop	Fuel Stbd:	200 Gallons
Temperature:	50° F	Fresh Water:	55 Gallons
Wind speed:	5 + MPH	Black Water:	Empty
Static Trim angle:	See below	Extra weight on board:	See Below
Persons on Board:	2	Location:	See Below

Full Depart Sea trial #1 (23,900 lbs displacement)			
RPM	SPEED (knots)	% Power	Fuel flow (GPH)
650	4.7	26.5	1.3
1000	7.3	53.0	3.6
1200	8.2	60.0	5.1
1400	8.9	72.5	8.6
1500	9.5	73.0	10.7
1600	9.9	75.5	12.5
1700	10.9	71.0	14.7
1800	14.8	69.0	17.6
1900	19.3	70.0	20.2
2000	22.5	78.0	24.0
2100	25.1	85.0	27.6
WOT 2220	27.0	100.0	32.3

Draft 21"

10,000 lbs Sea trial #2 (33,900 lbs displacement)			
RPM	SPEED (knots)	% Power	Fuel flow (GPH)
650	3.7	28.0	1.3
1000	5.8	53.0	3.5
1400	7.8	74.0	8.6
1600	8.6	76.0	12.8
1800	9.2	70.5	17.8
2000	9.6	82.0	24.8
2100	10.4	88.5	28.9
WOT 2210	11.3	100.0	33.5

Draft 31-3/4"

20,000 lbs Sea trial #3 (43,900 lbs displacement)			
RPM	SPEED (knots)	% Power	Fuel flow (GPH)
650	3.2	29.0	1.4
1000	5.1	55.5	3.7
1400	6.9	74.0	8.8
1600	7.6	77.0	12.7
1800	8.3	71.0	17.9
2000	8.8	81.0	24.5
2100	9.1	88.0	28.5
WOT 2215	9.4	100.0	33.3

Draft 40"

10,000 lbs Sea trial #4 (33,900 lbs displacement) (moved weight fwd 1 fish hold)			
RPM	SPEED (knots)	% Power	Fuel flow (GPH)
WOT 2215	12.0	100.0	33.3

25-1/2"

5,000 lbs Sea trial #5 (28,900 lbs displacement)			
RPM	SPEED (knots)	% Power	Fuel flow (GPH)
WOT 2215	25.0	100.0	33.3