



SEATRIAL REPORT

Hull No.	Model:	Date:	Performed By:
45-	EXPRESS		

Engine MFG:	Model:	Rated HP: (BHP)	Gear MFG:	Model:	Ratio:
MAN	V-8	900	ZF	350A	2.077 : 1

Prop MFG.	Prop ID	No. of Blades:	Cupped:	Serial No.
ACME		4		

Air Temp: (Deg. Fahrenheit)	Water Temp: (Deg. Fahrenheit)	Sea Condition: (Feet)	Wind Speed/ Direction: (MPH)	Weather Condition:	Tide: (Incoming - Outgoing)
50	50	0	0-5 N/E	RAINY	OUTGOING

Water Depth:	Test Location:	No. of Passengers:	Hull Weight:	Measurements Waterline to Rubrail Center (in)				
35 Ft. +		4		Port Aft Corner		Bow		Stbd Aft Corner

Aft Main Fuel: (673 Gal.)	Aux 1 Fuel: (180 Gal.)	Aux 2 Fuel: (Gal.)	Water Tank: (200 Gal.)	Holding Tank: (50 Gal.)
711	179		FULL	EMPTY

Hull Bottom:	Hardtop:	Enclosure:	Furniture:	Customer Equipment:	Tower:
Painted, Clean	NO	NO	YES	NO	NO

RPM	In (Knots)	Out (Knots)	Average (Knots)	Fuel GPH				Avg Total GPH	Range (Nautical)	% Engine Load			
				In		Out				In		Out	
				Port	Stbd	Port	Stbd	Port	Stbd	Port	Stbd	Port	Stbd
1500	17.2	18.9	18.1	17	17	16	16	33	443.0	56	56	56	56
1600	19.4	20.8	20.1	19	19	19	18	38	434.2	63	60	63	60
1700	21.7	23.8	22.8	22	22	22	21	44	423.6	67	65	66	66
1800	23.6	25.1	24.4	23	23	24	24	47	419.6	71	69	66	67
2000	28.2	29.2	28.7	31	31	30	31	62	378.0	77	74	76	76
2050	28.9	30.0	29.5	32	31	33	32	64	372.7	80	80	83	80
2100	29.1	30.5	29.8	34	34	35	33	68	355.0	84	80	84	82
2200	32.1	32.2	32.2	38	36	38	36	74	351.9	89	86	89	87
2300	33.0	34.0	33.5	41	43	42	41	84	325.0	93	93	92	93
MTU Series 2000													
2350													
2400													
2450													
F/L	34.2	34.3	34.3	43	43	43	43	86	322.6	100	100	100	100
F/L RPM Port:	2364	2364	N/L RPM Port:	2600		Acceleration Time In: (Idle to 2100 RPM)				21			
F/L RPM Stbd:	2374	2379	N/L RPM Stbd:	2600		Acceleration Time Out: (Idle to 2100 RPM)				20			

Disclaimer: Speed will vary depending on cleanliness of hull, conditions of propeller, vessel loading, water & air temperatures, sea conditions & other factors. Speeds shown above were achieved under controlled test conditions. Speed estimates are not guaranteed or warranted in any manner by Viking Yacht.