

PERFORMANCE DATA

SABRE 51SE, II-001 - Twin Volvo-Penta IPS15-800 (D8-600mHp @ 3000rpm)

	RPM	Speed (kts.)	Fuel Consumption (gph)	Economy (nm/gal.)	Range (nm)	Sound Level (dBA)		
						Helm	Owner's S/R	Aft Cockpit
Idle	600	4.7	1.5	3.10	1674	63	-	-
	800	6.1	2.6	2.33	1257	71	-	-
	1000	7.2	4.1	1.74	942	65	-	-
	1200	8.6	6.4	1.34	726	65	-	-
	1400	9.7	10.0	0.97	524	69	-	-
	1600	10.9	15	0.72	391	71	-	-
	1800	12.9	19	0.68	367	73	-	-
	2000	16.3	25	0.65	351	72	-	-
	2200	19.0	31	0.61	331	72	-	-
	2400	22.2	36	0.62	333	74	-	-
	2600	25.2	43	0.58	316	76	-	-
Cont.	2800	28.2	51	0.55	299	77	-	-
Rated	3000	31.3	58	0.54	291	79	-	-
WOT	3090	32.4	64	0.51	273	79	-	-

Notes: Based on performance measured 11/4/2025 w/ 9 crew (~1600 lbs.), 94% fuel (565 gal.), 100% (180 gal.) water, 0% black water. with ~200 lbs. of tools & gear, fixed swim platform with no tender, and SeaKeeper 10 gyro.

Location: Casco Bay, Maine - Average of reciprocal runs paralleling Falmouth Foreside & Diamond Islands.

Seas: Flat Calm <1 ft. Water temp.: 53° F.

Ambient air temp.: 48° F. Winds: West @ 5-6kts. Skies: Overcast.

Speed measured by GPS. Average of reciprocal runs with **Volvo Interceptor trim system optimized**.

Engines: 2/ea. Volvo-Penta D8 (7.7L, 600-mHp @ 3000 rpm, in-line 6 cyl.) with Volvo-Penta IPS15 pod drives.

Propellers: Volvo-Penta 'N3' propeller set (dual, counter-rotating) Fwd. prop = 3-blade, LH; Aft prop = 4-blade, RH.

Fuel Consumption calculated by Volvo-Penta engine software.

Range based on 90% of 600gal. fuel capacity.

Recommended maximum continuous cruise speed is @ 10% below WOT or ~ 2800 rpm. (28.2 kts, consuming 51 gph)

Performance data is subject to change depending on tankage, temperature and other factors.

