

PERFORMANCE DATA

SABRE 48SE, CC-102 - Twin Volvo-Penta IPS15-800 (D8-6000mHp @ 3000rpm)

	RPM	Speed (kts.)	Fuel Consumption (gph)	Economy (nm/gal.)	Range (nm)	Approx. Sound Level (dBA)		
						Helm / Main Salon	Owner's S/R	Aft Cockpit
Idle	600	5.2	1.5	3.47	1638	-	-	64
	800	6.6	2.7	2.43	1146	62	64	67
	1000	8.1	4.5	1.79	845	63	62	71
	1200	9.0	7.3	1.23	579	65	65	73
	1400	10.2	11.0	0.92	436	68	68	75
	1600	12.0	17.0	0.71	334	69	71	77
	1800	16.6	19.0	0.87	413	70	71	77
	2000	20.0	24.0	0.83	394	70	72	78
	2200	23.8	30.0	0.79	375	72	75	79
	2400	27.1	34.0	0.80	376	74	77	80
	2600	30.1	42.0	0.72	339	75	78	81
	2750	32.5	48.0	0.68	320	75	78	82
WOT	2800	33.3	50.0	0.67	315	75	78	85
	3080	37.7	66.0	0.57	270	77	79	86

Notes: Based on performance measured 6/29/2017 w/ 2 crew (~360 lbs.), 70% fuel (500 gal.), 90% water, minimal waste.

Location: Portland, ME Casco Bay

Seas: <1 ft.. - Flat Calm. Sea water temp.: 55° F.

Ambient air temp.: 74° F. Winds: SW @ ~0-2kts. Skies: Clear & Sunny

Speed measured by GPS. Average of reciprocal runs with 900mm **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 'N5' 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 525gal. fuel capacity.

Recommended maximum continuous cruise speed is @ 10% below WOT or ~ 2750 rpm. (32.5 kts, consuming ~48 gph)

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

