

PERFORMANCE DATA

SABRE 58SE, GG-001 - Twin Volvo-Penta IPS2-950 (D11-725mHp @ 2500rpm)

	RPM	Speed (kts.)	Fuel Consumption (gph)	Economy (nm/gal.)	Range (nm)	Sound Level (dBA)		
						Helm / Main Salon	Owner's S/R	Aft Cockpit
<i>Idle</i>	600	5.7	2.4	2.35	1695	55	-	-
	800	7.4	4.2	1.76	1269	54	-	-
	1000	8.9	7.4	1.20	866	55	-	-
	1500	12.7	22	0.58	416	56	-	-
	2000	21.4	41	0.52	376	-	-	-
	2250	25.9	54	0.48	345	59	-	-
<i>Cont.</i>	2300	26.7	57	0.47	337	60	-	-
	2400	28.5	63	0.45	326	59	-	-
<i>Rated</i>	2500	30.2	70	0.43	311	-	-	-
<i>WOT</i>	2570	31.1	75	0.41	299	64	-	-

Notes: Based on performance measured 1/8/2020 w/ 5 crew (~1000 lbs.), 90% fuel (720 gal.), 0% (230 gal.) water, 0% waste. with ~200 lbs. of tools & gear, hydraulic swim platform with no tender, SeaKeeper 16 gyro, & 200 ft. of anchor chain. Location: Casco Bay, Maine - Average of reciprocal runs paralleling Falmouth Foreside & Diamond Islands. Seas: Flat Calm <1 ft. Water temp.: 40° F. Ambient air temp.: 30° F. Winds: WSW @ 5-6kts. Skies: mostly cloudy with snow flurries. Speed measured by GPS. Average of reciprocal runs with **Volvo Interceptor trim system optimized**. Engines: 2/ea. Volvo-Penta D11 (10.8L, 725-mHp @ 2500 rpm, in-line 6 cyl.) with Volvo-Penta IPS2 pod drives. Propellers: Volvo-Penta 'P3' 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 800gal. fuel capacity. Recommended maximum continuous cruise speed is @ 10% below WOT or ~ 2300 rpm. (26.7 kts, consuming 57 gph) Performance data is subject to change depending on tankage, temperature and other factors.

