

PERFORMANCE DATA

SABRE 45SE, FF-001 - Twin Volvo-Penta IPS10-600 (D6-435mHp @ 3500rpm)

	RPM	Speed (kts.)	Fuel Consumption (gph)	Economy (nm/gal.)	Range (nm)	Sound Level (dBA)		
						Helm / Main Salon	Owner's S/R	Aft Cockpit
Idle	600	3.5	0.8	4.60	1863	50	-	-
	800	4.7	1.4	3.36	1360		-	-
	1000	6.0	1.7	3.61	1460		-	-
	1200	7.3	2.7	2.69	1088		-	-
	1400	8.7	4.9	1.79	726		-	-
	1600	9.4	7.0	1.34	544		-	-
	1800	10.5	9.5	1.11	450		-	-
	2000	12.1	12.0	1.01	408		-	-
	2200	13.9	14.8	0.94	382		-	-
	2400	16.9	18.0	0.94	379		-	-
	2600	18.7	22.5	0.83	336		-	-
	2800	21.9	25.0	0.88	355		-	-
	3000	25.0	28.0	0.89	362		-	-
	3200	26.8	33.0	0.81	328		-	-
		3250	27.6	34.5	0.80	323	73	-
	3400	29.2	40.5	0.72	292		-	-
	3500	30.0	43.0	0.70	283		-	-
WOT	3600	32.0	44.0	0.73	295	75	-	-

Notes: Based on performance measured 3/16/2017 w/ 5 crew (~960 lbs.), 100% fuel (450 gal.), 100% (150 gal.) water, 0% waste.
 Location: Jupiter, FL (reciprocal runs at 0° & 180°M)
 Seas: 4 ft.+ Sea water temp.: 70° F.
 Ambient air temp.: 68° F. Winds: NNE @ 10-12kts. Skies: Mostly Clear & Sunny
 Speed measured by GPS. Average of reciprocal runs with **Volvo Interceptor trim system optimized.**
 Engines: 2/ea. Volvo-Penta D6 (5.5L, 435-mhp @ 3500 rpm, in-line 6 cyl.) with Volvo-Penta IPS10 pod drives.
 Propellers: Volvo-Penta 'T3' 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 450gal. fuel capacity.
 Recommended maximum continuous cruise speed is @ 10% below WOT or ~ 3250 rpm. (27.6 kts, consuming 34.5 gph)
 Performance data is subject to change depending on tankage, temperature and other factors.

