

## PERFORMANCE DATA

### SABRE 43SE, HH-002 - Twin Volvo-Penta IPS10-650 (D6-480mHp @ 3700rpm)

	RPM	Speed (kts.)	Fuel Consumption (gph)	Economy (nm/gal.)	Range (nm)	Sound Level (dBA)		
						Helm / Salon	Main Owner's S/R	Aft Cockpit
Idle	600	4.2	0.7	5.93	2305	61	-	-
	800	5.5	1.2	4.54	1766	62	-	-
	1000	6.7	2.2	3.02	1175	65	-	-
	1500	9.1	6.1	1.49	580	67	-	-
	2000	11.9	14.0	0.85	329	72	-	-
	2500	18.7	21.0	0.89	345	74	-	-
	3000	25.8	30.0	0.86	334	74	-	-
Cont.	3300	29.8	37.0	0.80	313	76	-	-
	3400	31.0	40.0	0.78	301	76	-	-
	3500	32.1	42.0	0.76	297	78	-	-
	3600	33.4	45.0	0.74	288	77	-	-
Rated	3700	34.4	49.0	0.70	273	78	-	-
WOT	3740	35.0	50.0	0.70	272	78	-	-

**Notes:** Based on performance measured 8/10/2022 w/ 7 crew (~1400 lbs.), 96% fuel (415 gal.), 100% (150 gal.) water, 0% waste.  
 Location: Casco Bay, Maine - Average of reciprocal runs paralleling Falmouth Foreside & Diamond Islands.  
 Seas: 1 ft. or less. Sea water temp.: 65° F.  
 Ambient air temp.: 67° F. Winds: NNE @ 3kts.  
 Speed measured by GPS. Average of reciprocal runs with **Volvo Interceptor trim system optimized**.  
 Engines: 2/ea. Volvo-Penta D6 (5.5L, 480-mhp @ 3700 rpm, in-line 6 cyl.) with Volvo-Penta IPS10 pod drives.  
 Propellers: Volvo-Penta 'T4' 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 432gal. fuel capacity.  
 Recommended maximum continuous cruise speed is @ 10% below WOT or ~ 3400 rpm. (31 kts, consuming 40 gph)  
 Performance data is subject to change depending on tankage, temperature and other factors.

**Sabre 43SE w/ Volvo Penta IPS10-650 (HH-002)**  
**SPEED & FUEL CONSUMPTION**

