

PERFORMANCE DATA

SABRE 38SE, DD-177 - Twin Volvo-Penta IPS10-450 (D6-340mHp @ 3400rpm)

	RPM	Speed (kts.)	Fuel Consumption (gph)	Economy (nm/gal.)	Range (nm)	Sound Level (dBA)		
						Helm	Owner's S/R	Aft Cockpit
<i>Idle</i>	600	3.8	0.6	6.25	1766	52	-	-
	800	5.3	1.1	4.79	1353	53	-	-
	1000	6.4	1.9	3.37	952	57	-	-
	1500	8.6	5	1.61	456	56	-	-
	2000	11.6	12	0.96	272	60	-	-
	2500	18.5	18	1.03	290	66	-	-
	2800	22.8	22	1.04	293	65	-	-
	3000	25.5	25	1.02	288	64	-	-
	3250	28.7	30	0.96	270	65	-	-
<i>Rated</i>	3400	30.6	34	0.91	258	68	-	-
<i>WOT</i>	3540	32.2	36	0.89	252	69	-	-

Notes: Based on performance measured 2/5/2020 w/ 5 crew (~1,000 lbs.), 100% fuel (300gal.), 100% (100 gal.) water, 0% waste.
 Location: The mouth of the Ashley River, Charleston, SC (average of reciprocal runs)
 Seas: ~1 ft. & Choppy, Water temp.: 54° F.
 Ambient air temp.: 71° F. Winds: SSW @ 8-12kts. Skies: Partly Sunny.
 Speed measured by GPS. Average of reciprocal runs with **Volvo Interceptor trim system optimized**.
 Engines: 2/ea. Volvo-Penta D6 (5.5L, 340-mhp @ 3400 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 314gal. fuel capacity.
 Recommended maximum continuous cruise speed is @ 10% below WOT or ~ 3200 rpm. (28 kts, consuming 29 gph)
 Performance data is subject to change depending on tankage, temperature, loading and other factors.

**Sabre 38SE w/ Volvo Penta IPS10-450 (DD-177)
SPEED & FUEL CONSUMPTION**

