

PERFORMANCE DATA

SABRE 45SE, FF-044 - 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	4.1	0.8	5.13	2076	45	-	-	-
	1000	6.3	2.2	2.86	1160	51	-	-	-
	1600	9.3	7.0	1.33	538	55	-	-	-
	2000	11.4	12	0.95	383	57	-	-	-
	2400	15.6	18	0.86	350	57	-	-	-
	2800	20.9	24	0.87	352	60	-	-	-
	3000	23.6	28	0.84	341	60	-	-	-
	3200	26.3	32	0.82	333	62	-	-	-
	3400	28.7	37	0.78	314	63	-	-	-
Rated	3600	31.1	42	0.74	300	63	-	-	-
	3700	32.1	46	0.70	283	63	-	-	-
	3820	33.5	50	0.67	271	64	-	-	-

Time -to- Plane: 6sec.

Time -to- Rated RPM: 18sec.

Notes: Based on performance measured 10/22/2019 w/ 7 crew (~1400 lbs.), 96% fuel (430 gal.), 100% (150 gal.) water, 0% waste.
 Location: The mouth of the Ashley River, Charleston, SC (average of reciprocal runs)
 Seas: <1 ft.+ Water temp.: 72° F.
 Ambient air temp.: 79° F. Winds: WSW @ 6kts. Skies: mostly cloudy.
 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 '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 ~ 3400 rpm. (28.7 kts, consuming 37 gph)
 Performance data is subject to change depending on tankage, temperature and other factors

