

PERFORMANCE DATA

SABRE 54SE, AA-0021 - Twin Volvo-Penta IPS2-950 (D11-725mHp)

	RPM	Speed (kts.)	Fuel Consumption (gph)	Economy (nm/gal.)	Range (nm)	Engine Load %	Sound Level (dBA)	
							Helm	Aft Cockpit
Idle	600	6.8	2.4	2.83	1780	30		
	1000	10.3	8.7	1.19	749	39		
	1200	11.6	15.0	0.77	488	45		
	1400	14.5	22.0	0.66	415	51		
	1600	18.2	28.0	0.65	409	57		
	1800	22.0	35.0	0.63	397	62		
	2000	26.3	43.0	0.61	385	70		
	2200	30.3	52.5	0.58	364	76		
	2250	31.0	55.0	0.56	355	78		
	2300	31.9	58.0	0.55	346	80		
WOT	2400	33.7	62.0	0.54	343	86		
	2500	35.5	70.0	0.51	320	93		
	2560	36.5	74.0	0.49	311	99		

Notes: Based on performance measured 2/6/2014 w/ 4 crew (~900lbs.), 100% fuel (700gal.), 100% water (200gal.), 0% waste. with ~100lbs. of tools., no owner's gear, no tender, FreedomLift, & 60lbs. anchor & rope/chain rode.

Seas: 1-3ft.. Sea water temp.: ~78deg. F.

Ambient air temp.: 80deg. F. Winds: NNE, light ~5 kts or less, under sunny skies.

Speed measured by GPS. Average of reciprocal runs outside Jupiter Inlet, Jupiter, FL. **with Lenco trim system optimized.**

Engines: 2/ea. Volvo-Penta D11B2-A MP (725-mhp @ 2500 rpm) with Volvo-Penta IPS2 pod drives.

Propellers: Volvo-Penta P5 propeller set (dual, counter-rotating) / Pod Gear Ratio: 1.70:1

Fuel Consumption calculated by Volvo-Penta engine software.

Range based on 90% of 700gal. fuel capacity.

Recommended maximum continuous cruise speed is @ 10% below WOT rpm or ~ 2300rpm. (31.9kts, burning 58gph)

Performance data is subject to change depending on tankage, temperature and other factors.

