

PERFORMANCE DATA

SABRE 54-FBS, AA-0022 - 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	6.3	2.5	2.52	1588	32	66	
	1000	9.6	9.0	1.07	672	42	67	
	1400	13.1	24.5	0.53	337	54	71	
	1800	21.9	35.5	0.62	389	66	71	
	2000	26.0	45.0	0.58	364	71	73	
	2200	30.2	55.5	0.54	343	80	75	81
	2300	31.6	60.0	0.53	332	84	76	82
	2400	33.3	67.0	0.50	313	92	77	83
	2500	35.6	75.0	0.47	299	99	77	
WOT	2530	36.0	76.0	0.47	298	100	77	

Time to plane = 8 seconds

Time to achieve 30 kts. = 14 seconds

Notes: Based on performance measured 7/25/2014 w/ 4 crew (~800 lbs.), 100% fuel (700 gal.), 100% water (200 gal.), 0% waste. with ~100 lbs. of tools., no owner's gear, Freedomlift with no tender, Bimini top, & 200 ft. of anchor chain.

Seas: calm <1 ft.. Sea water temp.: 65 deg. F.

Ambient air temp.: 79 deg. F. Winds: W-SW < 2kts.

Speed measured by GPS. Average of reciprocal runs in Casco Bay, Portland, ME. **with Volvo Interceptor trim system optimized.**

Engines: 2/ea. Volvo-Penta D11 (725-mhp @ 2500 rpm) with Volvo-Penta IPS2 pod drives.

Propellers: Volvo-Penta P3 propeller set (dual, counter-rotating)

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 or ~ 2200 rpm. (30.2 kts, consuming 55.5 gph)

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

**Sabre 54-FBS w/ Volvo Penta IPS2-950 (AA-0022)
SPEED & FUEL CONSUMPTION**

