

PERFORMANCE DATA

SABRE 54-FBS, AA-0020 - Twin Volvo-Penta IPS2-900 (D11-700mHp)

	RPM	Speed (kts.)	Fuel Consumption (gph)	Economy (nm/gal.)	Range (nm)	Engine Load %	Sound Level (dBA)	
							Helm	Aft Cockpit
Idle	600	5.7	2.2	2.59	1632			
	1000	9.7	8.1	1.20	754			
	1400	13.2	21.4	0.62	389			
	1800	21.3	35.5	0.60	378			
	2000	24.7	44.0	0.56	354			
	2200	28.4	54.1	0.52	331			
	2300	30.4	59.4	0.51	322			
WOT	2370	31.6	63.5	0.50	314	94		
	2410	32.7	65.6	0.50	314			

Notes: Based on performance measured 6/21/2011 w/ 3 crew (~600lbs.), 100% fuel (700gal.), 100% water (120gal.), 0% waste.

with ~100lbs. of tools, no owner's gear, no tender, & 250ft. of 5/16" ISO G40 anchor chain.

Seas: calm <1ft.. Sea water temp.: 58deg. F.

Ambient air temp.: 63deg. F. Winds: NNE, light ~4 kts or less, under sunny skies.

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

Engines: 2/ea. Volvo-Penta D11 (700-mhp @ 2350 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 ~ 2150rpm. (27.9kts, burning 48gph)

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

