

PERFORMANCE DATA

SABRE 38 SALON EXPRESS, DD-107 - Volvo-Penta D4-300mHp & IPS1-400

	RPM	SPEED (kts.)	GPH	NM/G	RANGE (nm)	dBA Helm	dBA Aft Cockpit
Idle	700	3.9	0.8	4.88	1378	65	67
	1000	5.7	2.2	2.59	732	64	65
	1500	8.1	5.3	1.53	432	64	74
	2000	11.2	9.9	1.13	320	67	74
	2200	14.1	12.0	1.18	332	68	74
	2400	16.9	14.0	1.21	341	68	75
	2600	19.5	16.0	1.22	344	72	76
	2800	22.7	18.0	1.26	356	72	77
	3000	25.0	20.0	1.25	353	73	77
	3250	28.1	24.0	1.17	330	73	77
3400	30.2	26.0	1.16	328	72	77	
WOT	3630	32.8	31.0	1.06	299	72	78

Notes: Based on performance measured 11/16/2012 w/ 2 crew (~400lbs.), 90% full fuel (280gal.), 100% water (100gal.), 0% waste. with ~100lbs. of tools., no owner's gear.

Clear Skies, Winds - N @ <5kts, Ambient Air Temp.: 42deg.F.

Seas ~ 1ft. very light chop, Sea Water Temp.: 50deg.F.

Speed measured by GPS. Average of reciprocal runs in Casco Bay, Portland, ME.

Engines: 2/ea. Volvo-Penta D4 (300-mhp @ 3500 rpm) with Volvo-Penta IPS1 400 POD propulsion drives.

Propellers: Volvo-Penta - 'T5' propeller set.

Fuel Consumption calculated by integral Volvo-Penta engine fuel flow measuring equipment.

Range based on 90% of 314gal. fuel capacity.

Recommended maximum continuous cruise speed is @ 3,250rpm (28.1kts, burning 24gph)

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

38' Salon Express (DD-107) SPEED & FUEL CONSUMPTION

