

PERFORMANCE DATA

SABRE 38 SALON EXPRESS, DD124 - Volvo-Penta IPS1-500 w/D6-370mHp

	RPM	KNOTS	% Engine Load	GPH	NM/G	RANGE (nm)	Helm dBA	Aft Cockpit dBA
Idle	600	4.4		0.6	7.33	1,980	59	
	1000	6.7		2.2	3.05	822	60	
	1500	9.1		6.7	1.36	367	68	
	2000	13.5		13.0	1.04	280	67	
	2200	16.6		15.0	1.11	299	74	
	2400	20.0		18.0	1.11	300	72	
	2600	22.6		21.0	1.08	291	73	
	2800	25.7		24.0	1.07	289	73	78
	3000	28.5		27.0	1.06	285	73	
	3150	30.5		29.0	1.05	284	72	
	3200	31.4	82	31.0	1.01	273	73	78
	3400	34.3	90	37.0	0.93	250	76	
	3500	35.8	95	39.0	0.92	248	77	
WOT	3540	36.0	100	41.0	0.88	237	78	82

Time-to-Plane: 5 s.
 Time-to-Rated 3,500 RPM: 15 s.

Notes: Based on performance measured 6/07/2014 with 3 crew (~600 lbs.), 100% fuel (300 gal.), full water (100 gal.), No owner's gear, some electronics. Includes 100lbs of tools/test equip., Kohler 6kW generator, & A/C.
 Sea Trial Location: Casco Bay, ME.
 Conditions: 1-2 ft. Seas - light chop; Winds: NW, 5-10kts. & gusting to 15kts.; Air Temp.: 68 deg.F.; Sea Water Temp.: 52 deg.F.
 Speed measured by GPS with Lenco AutoGlide trim system optimized.
 Engines: 2/ea. Volvo-Penta D6 (370-mHp @ 3500rpm) w/ Volvo-Penta IPS1-500 POD drives.
 Propellers: Volvo-Penta T6 propeller set (dual, counter-rotating)
 Fuel Consumption calculated by Volvo-Penta engine software.
 Range based on 90% of 300 gal. fuel capacity.
 Recommended max continuous cruise speed is @ 10% below WOT rpm or 3150 RPM. (30 kts, burning 29 gph)
 Performance data is subject to change depending on tankage, temperature and other factors.

