

PERFORMANCE DATA

SABRE 42 SALON EXPRESS, BB089 - Volvo-Penta IPS1-600 w/D6-435mHp

	RPM	KNOTS	% Engine Load	GPH	NM/G	RANGE (nm)	Helm dBA	Aft Cockpit dBA
Idle	600	4.7	18	0.7	6.71	2,320	58	60
	1000	7.2	22	1.7	4.24	1,464	63	68
	1500	9.5	51	6.3	1.51	521	67	74
	2000	14.0	73	13.0	1.08	372	70	76
	2200	17.0	73	16.0	1.06	367	71	77
	2400	20.0	72	19.0	1.05	364	73	78
	2600	23.2	72	22.0	1.05	364	72	78
	2800	26.0	65	25.0	1.04	359	74	80
	3000	28.7	74	29.0	0.99	342	74	81
	3150	31.3	75	32.0	0.98	338	75	80
	3200	31.7	81	33.0	0.96	332	77	82
	3400	34.3	89	39.0	0.88	304	77	82
	3500	35.8	95	42.0	0.85	295	77	82
WOT	3570	36.5	100	44.0	0.83	287	78	82

Time-to-Plane: 5 s.
 Time-to-30 kts.: 13 s.

Notes: Based on performance measured 6/17/2014 with 4 crew (~800 lbs.), 90% fuel (345 gal.), full water (140 gal.), No owner's gear, nor electronics. Includes 100lbs of tools/test equip., Onan 7.0kW generator, & full A/C.
 Sea Trial Location: Casco Bay, ME - Flanked by Falmouth Foreside (mainland) & Great Diamond Island.
 Conditions: Calm seas - very light chop; Winds: SE, 4-8kts. & gusting to 10kts.; Air Temp.: 73 deg.F.; Sea Water Temp.: 52 deg.F.
 Speed measured by GPS with Volvo Interceptor trim system optimized.
 Engines: 2/ea. Volvo-Penta D6 (435-mHp @ 3500rpm) w/ Volvo-Penta IPS1-600 POD drives.
 Propellers: Volvo-Penta T5 propeller set (dual, counter-rotating)
 Fuel Consumption calculated by Volvo-Penta engine software.
 Range based on 90% of 384 gal. fuel capacity.
 Recommended max continuous cruise speed is @ 10% below WOT rpm or 3150 RPM. (approx. 31.3kts, burning 32gph)
 Performance data is subject to change depending on tankage, temperature and other factors.

