

PERFORMANCE DATA

SABRE 66SE, EE-001 - Twin Volvo-Penta IPS3-1200 (D13-900mHp)

	RPM	Speed (kts.)	Fuel Consumption (gph)	Economy (nm/gal.)	Range (nm)	Engine Load (%)	Sound Level (dBA)		
							Helm	Owner's S/R	Aft Cockpit
Idle	600	6.7	3.0	2.22	1945	28	62		
	1000	10.4	11.0	0.95	830	28	62		
	1200	12.1	18.0	0.67	587	38	63		
	1400	14.1	28.0	0.50	440	53	65		
	1600	18.0	37.0	0.49	426	61	68		
	1800	21.4	47.0	0.46	400	67	68		
	2000	25.3	60.0	0.42	370	75	68		
	2100	27.5	67.0	0.41	360	80	68	72	79
	2200	29.8	75.0	0.40	348	88	69		
	2300	31.3	81.0	0.39	339	93	74		
WOT	2350	32.5	88.0	0.37	324	100	75		

Time to plane = 11.5 seconds

Time to achieve 30 kts. = 29 seconds

Notes: Based on performance measured 1/22/2016 w/ 15 crew (~3,000 lbs.), 100% fuel (975 gal.), 100% water (300 gal.), 0% waste.

Location: Owls Head Bay, Owls Head, ME (reciprocal runs at 45° & 225°M)

Seas: calm <1 ft.. Sea water temp.: 39.6° F. Salinity: 31.3psu

Ambient air temp.: 22.5° F. Winds: NW @ 19.4kts. Skies: Clear & Sunny

Speed measured by GPS. Average of reciprocal runs with **Volvo Interceptor trim system optimized.**

Engines: 2/ea. Volvo-Penta D13 (12.8L, 900-mhp @ 2300 rpm, in-line 6 cyl.) with Volvo-Penta IPS3 pod drives.

Propellers: Volvo-Penta 'Q4' propeller set (dual, counter-rotating) Fwd. prop = 3-blade, LH; Aft prop = 4-bade, RH.

Fuel Consumption calculated by Volvo-Penta engine software.

Range based on 90% of 975gal. fuel capacity.

Recommended maximum continuous cruise speed is @ 10% below WOT or ~ 2100 rpm. (27.5 kts, consuming 67 gph)

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

