

## PERFORMANCE DATA

### SABRE 66FBS, 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
Idle	600	5.5	3.1	1.77	1557	31	62	60
	1000	9.9	10.0	0.99	869	27	64	66
	1200	11.3	16.0	0.70	617	35	64	65
	1400	12.6	24.0	0.53	461	45	65	67
	1600	15.2	35.0	0.43	380	56	68	68
	1800	18.4	44.0	0.42	367	63	66	70
	2000	21.9	54.0	0.41	356	71	68	70
	2100	23.9	60.0	0.40	350	76	68	72
	2150	24.6	63.0	0.39	343	79	68	72
	2200	25.5	66.0	0.39	338	82	68	71
WOT	2300	27.7	76.0	0.36	319	89	70	74
	2370	29.2	84.0	0.35	305	100	70	74

Notes: Based on performance measured 4/6/2017 w/ 11 crew (~ 2,200lbs.), 100% fuel (975 gal.), 0% water (0 gal.), 0% waste.

Location: West Penobscot Bay, Rockland, ME (reciprocal runs at 16° & 196°M)

Seas: 3-4 ft. with larger, rolling swells. Sea water temp.: 37° F. Salinity: 30.8psu

Ambient air temp.: 38° F. Winds: E @ 12kts. Gusting to 15kts. Skies: Overcast, fog, & rain.

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 'Q2' 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 ~ 2150 rpm. (24.6 kts, consuming 63 gph)

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

