

PERFORMANCE DATA

SABRE 48FBS, CC-096 - Twin Volvo-Penta IPS15-700 (D8-550mHp @ 2900rpm)

| | RPM | Speed (kts.) | Fuel Consumption (gph) | Economy (nm/gal.) | Range (nm) | Sound Level (dBA) | | |
|------|-------------|-----------------|---------------------------|----------------------|---------------|----------------------|-------------|-------------|
| | | | | | | Helm / Main Salon | Owner's S/R | Aft Cockpit |
| Idle | 600 | 5.5 | 1.5 | 3.67 | 1733 | 63 | - | - |
| | 800 | 6.2 | 2.5 | 2.48 | 1172 | 61 | - | - |
| | 1000 | 7.5 | 4.4 | 1.70 | 805 | 61 | - | - |
| | 1200 | 8.9 | 7.1 | 1.25 | 589 | 65 | - | - |
| | 1400 | 10.0 | 11.0 | 0.90 | 427 | 66 | - | - |
| | 1600 | 11.1 | 16.0 | 0.69 | 328 | 70 | - | - |
| | 1800 | 13.2 | 22.0 | 0.60 | 284 | 68 | - | - |
| | 2000 | 17.4 | 25.0 | 0.70 | 329 | 69 | - | - |
| | 2200 | 21.3 | 30.0 | 0.71 | 335 | 70 | - | - |
| | 2400 | 24.4 | 36.0 | 0.68 | 320 | 72 | - | - |
| | 2600 | 28.0 | 42.0 | 0.67 | 315 | 71 | - | - |
| | 2700 | 29.5 | 46.0 | 0.64 | 303 | 73 | - | - |
| | 2800 | 31.2 | 49.0 | 0.64 | 300 | 74 | - | - |
| | 2900 | 32.8 | 53.0 | 0.62 | 292 | 75 | - | - |
| WOT | 2990 | 33.8 | 58.0 | 0.58 | 275 | 75 | - | - |

Time to plane = 6 seconds

Time to achieve rated 2900rpm. = 11.5 seconds

Notes: Based on performance measured 1/13/2017 w/ 3 crew (~600 lbs.), 95% fuel (500 gal.), 0% water, 0% waste.
 Location: Diamond Island Pass, Casco Bay, ME (reciprocal runs at 60° & 240°M)
 Seas: sheltered calm <1 ft.. Sea water temp.: 40° F.
 Ambient air temp.: 41° F. Winds: NW @ 15kts. Skies: Mostly Clear & Sunny
 Speed measured by GPS. Average of reciprocal runs with **Volvo Interceptor trim system optimized.**
 Engines: 2/ea. Volvo-Penta D8 (7.7L, 550-mhp @ 2900 rpm, in-line 6 cyl.) with Volvo-Penta IPS15 pod drives.
 Propellers: Volvo-Penta 'N4' propeller set (dual, counter-rotating) Fwd. prop = 3-blade, LH; Aft prop = 4-blade, RH.
 Fuel Consumption calculated by Volvo-Penta engine software.
 Range based on 90% of 525gal. fuel capacity.
 Recommended maximum continuous cruise speed is @ 10% below WOT or ~ 2700 rpm. (29.5 kts, consuming 46 gph)
 Performance data is subject to change depending on tankage, temperature and other factors.

