

PERFORMANCE DATA

Back Cove 37', D-084 Cummins QSB 6.7 (480-mHp)

| | RPM | SPEED (kts.) | GPH | NM/G | RANGE (nm) | Engine Load % | dBA at Helm |
|------|------|--------------|------|------|------------|---------------|-------------|
| Idle | 600 | 3.7 | 2.1 | 1.76 | 476 | 6 | 61 |
| | 800 | 4.5 | 2.5 | 1.80 | 486 | 15 | 60 |
| | 1000 | 5.8 | 3.2 | 1.81 | 489 | 18 | 70 |
| | 1200 | 6.6 | 4.2 | 1.57 | 424 | 30 | 67 |
| | 1400 | 7.8 | 4.9 | 1.59 | 430 | 34 | 67 |
| | 1600 | 8.9 | 6.1 | 1.46 | 394 | 31 | 69 |
| | 1800 | 9.9 | 7.9 | 1.25 | 338 | 30 | 71 |
| | 2000 | 10.7 | 9.6 | 1.11 | 301 | 32 | 72 |
| | 2200 | 12.1 | 11.1 | 1.09 | 294 | 38 | 74 |
| | 2400 | 14.4 | 12.2 | 1.18 | 319 | 45 | 76 |
| | 2600 | 15.3 | 14.9 | 1.03 | 277 | 55 | 76 |
| | 2800 | 18.1 | 16.2 | 1.12 | 302 | 65 | 77 |
| | 3000 | 20.0 | 18.3 | 1.09 | 295 | 68 | 79 |
| | 3200 | 23.1 | 21.2 | 1.09 | 294 | 81 | 83 |
| WOT | 3300 | 24.6 | 23.8 | 1.03 | 279 | 92 | 83 |
| | 3350 | 25.1 | 24.1 | 1.04 | 281 | 98 | 83 |

Notes: Based on performance measured 07/30/2014 with 7 crew (~1000lbs.), 90% fuel (255gal.), full water (120gal.).

Estimated displacement at trial: 21000 lbs

Clear, Wind - S light at 4-5kts., Ambient Air Temp.: 75-80 deg.F.

Seas calm, waves < 2ft, Sea Water Temp.: 65deg.F.

Speed measured by GPS. Single run in West Penobscot Bay, Rockland, ME.

Engine: Cummins QSB 6.7 (480-mhp @ 3300 rpm) with 2.5:1 ZF 85A reduction gear.

Propeller: 24" X 31.5", (0.85 DAR) x 2.25" bore, 4-blade, NiBrAl, with #3 cup.

Fuel Consumption calculated by integral Cummins-Mercruiser engine fuel flow gauging equipment.

Range based on 90% of 300gal. fuel capacity.

Recommended max. continuous cruise speed is @ 3300 RPM.

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

