

PERFORMANCE DATA

Back Cove 33, C-002, Cummins QSB 5.9 425HP

RPM	SPEED (kts.)	GPH	NM/G	RANGE (nm)
600	4.4	0.6	7.3	1221
810	5.7	0.9	6.3	1055
990	6.6	1.4	4.7	785
1200	7.7	2.1	3.7	611
1400	8.7	3.0	2.9	483
1600	9.7	4.2	2.3	385
1815	11.8	5.7	2.1	345
2000	13.8	7.1	1.9	324
2200	16.4	8.7	1.9	314
2410	19.0	11.2	1.7	282
2600	21.4	12.6	1.7	283
2800	24.2	15.6	1.6	258
3000	26.5	19.7	1.3	224
3060	27.0	20.9	1.3	215

Notes: Based on performance measured 02/13/07 with 4 crew (800 lbs.), 50% fuel (100 gal.), 100% water (60 gal.) with no aft enclosure, 100 lbs tools, no Owner's gear or soft goods.
 Speed measured by GPS. Average of reciprocal runs off Rockland Harbor, ME
 Engines: Single Cummins QSB (425-hp @ 3000 rpm) with ZF 85-A transmissions (1.96:1 reduction ratio)
 Major options included: Generator, 9kBtu single air conditioner
 Climate: FEB 13, 2007 Rockland. Approx 19deg, sunny, light chop and swells
 Propeller: Hy-Torque 23x26, 4 blade NiBrAl, with #3 light cup
 Range based on 90% of 185 gal. fuel capacity.
 Fuel consumption calculated by integral CMD engine fuel flow gauging equipment
 Sound Levels not shown, no upholstery at time of trial
 Performance data is subject to change depending on tankage, temperature and other factors.

