

PERFORMANCE DATA

Back Cove 37', D-008 Cummins QSB 5.9 (480-mHp)

	RPM	SPEED (kts.)	GPH	NM/G	RANGE (nm)	Engine Load %	dBA at Helm
Idle	600	4.0	0.6	6.67	1800	24	61
	800	5.0	0.9	5.56	1500	27	60
	1000	6.1	1.3	4.69	1267	28	70
	1200	7.0	1.8	3.89	1050	29	67
	1400	7.8	2.4	3.25	878	30	67
	1600	8.8	3.2	2.75	743	32	69
	1800	9.5	5.1	1.86	503	39	71
	2000	10.7	6.1	1.75	474	43	72
	2200	12.4	8.2	1.51	408	47	74
	2400	14.5	9.5	1.53	412	46	76
	2600	16.4	11.3	1.45	392	56	76
	2800	18.4	13.6	1.35	365	62	77
	3000	20.4	15.2	1.34	362	75	79
	3200	22.6	18.6	1.22	328	80	83
WOT	3450	24.8	22.3	1.11	300	88	83

Notes: Based on performance measured 08/27/2009 with 3 crew (~600lbs.), 85% fuel (255gal.), full water (120gal.).

Estimated displacement at trial: 21000 lbs

Clear, Wind - SW light at 5-8kts., Ambient Air Temp.: 70-75deg.F.

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

Speed measured by GPS. Average of reciprocal runs in West Penobscot Bay, Rockland, ME.

Engine: Cummins QSB 5.9 (480-mhp @ 3400 rpm) with 2.5:1 ZF 85A reduction gear.

Propeller: 26" X 26", (0.75 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 @ 3200 RPM.

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

