

PERFORMANCE DATA

Back Cove 34', C-126 - Cummins QSB 6.7 (480-mHp)

	RPM	SPEED (kts.)	GPH	NM/G	RANGE (nm)	dBA Helm Deck
Idle	690	5.2	0.4	13.00	2165	69
	800	5.7	0.7	8.14	1356	68
	1000	6.8	1.5	4.53	755	72
	1200	7.7	2.1	3.67	611	80
	1400	8.5	3.1	2.74	457	81
	1600	9.2	4.7	1.96	326	77
	1800	10.6	6.9	1.54	256	77
	2000	12.9	8.1	1.59	265	76
	2200	15.3	10.1	1.51	252	78
	2400	17.5	11.5	1.52	253	80
	2600	20.1	13.9	1.45	241	82
	2800	22.6	16.0	1.41	235	82
Cruise	3000	25.1	18.4	1.36	227	84
	3200	27.3	21.8	1.25	209	82
WOT	3350	28.7	24.6	1.17	194	83

Notes: Based on performance measured 12/13/2012 with 5 crew (~800lbs.), ~ 3/4 fuel (135gal.), full water (80gal.) with no aft enclosure*, 100lbs. of tools., no owner's gear; optional 5kW Genset
 Clear, Wind - SSE at 0-5kts., Ambient Air Temp.: 35-40deg.F.
 Seas 0-1ft, Sea Water Temp.: 48deg.F.
 Speed measured by GPS. Average of reciprocal runs in Rockland Harbor, Rockland, ME.
 Engine: Cummins QSB 6.7 (480-mhp @ 3350 rpm) with 2.5:1 ZF 85A reduction gear.
 Propeller: 24" X 31.5", ZF FPS (0.85 DAR) x 2" bore, 4-blade, NiBrAl, with #5 cup.
 Fuel Consumption calculated by integral Cummins-Mercruiser engine fuel flow gauging equipment.
 Range based on 90% of 185gal. fuel capacity.
 Recommended max. continuous cruise speed is @ 3000 RPM.
 Performance data is subject to change depending on tankage, temperature and other factors.

Back Cove 34' (C-126) SPEED & FUEL CONSUMPTION

