

PERFORMANCE DATA

Back Cove 33', C-019 - Cummins QSB 5.9 (480-mHp)

	RPM	SPEED (kts.)	GPH	NM/G	RANGE (nm)	Engine Load %	dBA Helm Deck	dBA w/opt Hardback*
Idle	600	4.1	0.5	8.20	1365	22	72	60
	800	5.2	0.8	6.50	1082	26	72	63
	1000	6.4	1.3	4.92	820	30	74	66
	1200	7.2	1.9	3.79	631	35	77	68
	1400	8.0	2.8	2.86	476	36	79	70
	1600	9.1	4.1	2.22	370	40	80	72
	1800	10.4	5.6	1.86	309	43	79	74
	2000	12.4	7.2	1.72	287	46	82	75
	2300	16.2	9.3	1.74	290	52	81	77
	2600	20.4	11.7	1.74	290	60	87	78
	2900	24.4	14.5	1.68	280	70	86	80
WOT	3200	27.5	18.6	1.48	246	82	87	82
	3450	29.8	24.5	1.22	203	98	88	84

Notes: Based on performance measured 08/23/2007 with 4 crew (~700lbs.), full fuel (185gal.), full water (60gal.) with no aft enclosure*, 100lbs. of tools., no owner's gear; optional 5kW Genset
 Cloudy, Wind - SW light at 5-8kts., Ambient Air Temp.: 60-65deg.F.
 Seas < 2ft chop, Sea Water Temp.: 60deg.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: 24" X 31.5", ZF FPS (0.85 DAR) x 2" bore, 4-blade, NiBrAl, with #3 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 @ 3200 RPM.
 Performance data is subject to change depending on tankage, temperature and other factors.
 * Hardback sound levels recorded 11/08/07 aboard C-028 w/optional hardback enclosure

Back Cove 33' (C-004) SPEED & FUEL CONSUMPTION

