

PERFORMANCE DATA

Back Cove 41', F001 - Volvo D11 (725-mHp)

	RPM	SPEED (kts.)	GPH	NM/G	RANGE (nm)	dBA Helm Deck
Idle	600	6.0	1.1	5.41	1947	66
	800	7.4	2.0	3.68	1323	68
	1000	8.4	3.9	2.18	785	68
	1200	9.8	6.8	1.44	520	70
	1400	11.0	9.6	1.15	415	69
	1600	15.5	11.5	1.34	484	71
	1800	18.1	15.5	1.16	419	73
	2000	20.8	20.5	1.01	365	75
(Cruise)	2200	24.0	25.0	0.96	345	77
	2300	26.1	28.6	0.91	329	77
	2400	27.3	30.5	0.90	322	77
	2500	28.5	34.0	0.84	302	79
(WOT)	2550	29.5	35.5	0.83	299	79

Notes: Based on performance measured 3/16/14 with 3.5 crew (~625lbs.), 88% fuel (350gal.), 5% water (7gal.).
 Clear, Wind - Moderate, Ambient Air Temp.: 25 deg.F.
 Seas <1ft, Sea Water Temp.: 36 deg.F.
 Speed measured by GPS. Average of reciprocal runs near Portland, ME.
 Engine: Volvo D11 (725-mhp @ 2500 rpm) with 2:1 ZF 305A reduction gear.
 Propeller: 28" X 34.5" #5 Cup, ZF (0.90 DAR) x 2-1/4" bore, 4-blade, NiBrAl.
 Fuel Consumption data collected from Volvo engine display.
 Range based on 90% of 400gal. fuel capacity.
 Recommended max. continuous cruise speed is @ 2300 RPM.
 Performance data is subject to change depending on tankage, temperature and other factors.

