

PERFORMANCE DATA

SABRE 34 EXPRESS, Z-009 - Yanmar 6LP-STP (315-mHp) HARD AFT ENCLOSURE

	RPM	SPEED (kts.)	** GPH	NM/G	RANGE (nm)	dBA Salon	dBA Helm Deck	dBA Aft Cockpit
Idle	700	4.3	-	-	-	66	65	68
	1000	5.5	-	-	-	61	57	71
	1500	7.7	3.0	2.57	578	66	66	76
	2000	9.8	6.8	1.44	324	72	74	84
	2500	14.5	11.1	1.31	294	72	74	83
	2800	16.5	14.3	1.15	260	75	73	84
	3000	19.9	16.7	1.19	268	76	76	86
	3200	22.3	19.7	1.13	255	78	76	87
	3400	25.0	23.3	1.07	241	78	78	89
	3600	26.3	28.7	0.92	206	81	79	90
WOT	3900	28.6	33.4	0.86	193	82	81	91

Notes: Based on performance measured 10/12/2006 with 3 crew (~575lbs.), full fuel (250gal.), full water (60gal.)
with Hard Aft Enclosure, 100lbs. of tools.

Sunny, Wind - Southerly at < 8kts., Ambient Air Temp.: 58deg.F.

Seas flat with light ripple., Sea Water Temp.: 55deg.F.

Speed measured by GPS. Average of reciprocal runs in Broad Sound, Casco Bay, ME **using some trim tabs.**

Engines: 2/ea. Yanmar 6LP-STP (315-mhp @ 3800 rpm) with 2.522:1 ZF 63A reduction gears.

Propellers: 22" X 25.5", ZF FPS (0.85 DAR) X 1.75"bore, 4-blade, NiBrAl, #3-light cup.

**** Fuel Consumption data is estimated.**

Range based on 90% of 250gal. fuel capacity.

Yanmar recommended max. continuous cruise speed is @ 3600 RPM.

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

S-34 Express (Z-009) SPEED & FUEL CONSUMPTION

