

PERFORMANCE DATA

SABRE 38 EXPRESS, Y-033 - Cummins QSB 5.9 (425-mHp) SOFT AFT ENCLOSURE

	RPM	SPEED (kts.)	GPH	NM/G	RANGE (nm)	dBA Salon	dBA Helm Deck	dBA Aft Cockpit
Idle	600	5.2	1.1	4.73	1489	67	68	66
	800	6.6	2.0	3.30	1040	64	69	69
	1000	7.8	3.2	2.44	768	68	71	76
	1200	8.9	4.8	1.85	584	68	72	78
	1400	9.9	7.0	1.41	446	71	75	80
	1600	11.4	10.5	1.09	342	73	76	80
	1800	14.2	14.2	1.00	315	74	78	80
	2000	16.8	18.4	0.91	288	76	79	83
	2200	20.4	21.4	0.95	300	78	79	84
	2400	24.0	25.5	0.94	296	78	81	85
WOT	2600	26.8	30.3	0.88	279	80	83	87
	2800	29.3	34.9	0.84	264	82	84	87
	3050	32.1	44.9	0.71	225	82	86	89

Notes: Based on performance measured 04/25/2006 with 4 crew (~770lbs.), full fuel (350gal.), full water (100gal.) with Soft Aft Enclosure, 100lbs. of tools., no owner's gear.
 Sunny, Wind - S at 8-10kts., Ambient Air Temp.: 66deg.F.
 Seas < 1ft ripple, Sea Water Temp.: 51deg.F.
 Speed measured by GPS. Average of reciprocal runs in MT. Hope Bay, Somerset, MA.
 Engines: 2/ea. Cummins QSB 5.9 (425-mhp @ 3000 rpm) with 1.962:1 ZF 85A reduction gears.
 Propellers: 24" X 28", ZF FPS (0.85 DAR) X 2" bore, 4-blade, NiBrAl, #2 light cup.
 Fuel Consumption calculated by integral Cummins-Mercruiser engine fuel flow gauging equipment.
 Range based on 90% of 350gal. fuel capacity.
 Recommended max. continuous cruise speed is @ 2800 RPM.
 Performance data is subject to change depending on tankage, temperature and other factors.

