

## PERFORMANCE DATA

### SABRELINE 42 EXPRESS X-036 - Cummins QSC8.3 (490-mHp) HARDBACK ENCLOSURE

	RPM	SPEED (kts.)	GPH	NM/G	RANGE (nm)	dBA Salon	dBA Helm Deck	dBA Aft Cockpit
Low Idle	550	5.0	1.0	5.00	2043	65	71	66
Idle	600	5.4	1.3	4.15	1697	66	65	66
	1000	8.4	5.0	1.68	686	68	69	76
	1200	10.0	9.4	1.06	435	72	73	78
	1400	11.8	15.6	0.76	309	75	74	79
	1600	15.5	20.6	0.75	307	78	77	83
	1800	19.3	25.4	0.76	310	79	77	84
	2000	22.9	30.0	0.76	312	80	78	86
	2100	25.5	32.0	0.80	326	81	78	86
	2200	27.9	37.0	0.75	308	81	81	88
	2400	30.5	42.0	0.73	297	84	81	90
WOT	2570	33.0	50.0	0.66	270	86	84	92

Notes: Based on performance measured 05/03/2005 with 3 crew (~550 lbs.), full fuel (454 gal.), full water (160 gal.).  
 sea water temp.: 46 deg. F., light wind, South at 5 kts., seas ~ 1ft. with light swells.  
 ambient air temperature ~48 deg. F.  
 Speed measured by GPS.  
 Engines: 2/ea. Cummins QSC8.3 (490-mhp @ 2500 rpm) with 1.75:1 ZF IRM 285A reduction gears.  
 Propellers: 25" X 30.5", ZF FPS (0.85 DAR), 4-blade, NiBrAl, #3-light cup.  
 Fuel Consumption measured using Cummins' "Diesel View" instrumentation.  
 Range based on 90% of 454 gal. fuel capacity.  
 Cummins recommended max. continuous cruise speed is @ 2300 RPM.  
 Performance data is subject to change depending on tankage, temperature and other factors.

