

## PERFORMANCE DATA

### SABRE 52 EXPRESS, AA-0017 - Twin CAT C15 (865-mHp)

|      | RPM  | SPEED<br>(kts.) | GPH<br>Flow Meters | NM/G | RANGE<br>(nm) | GPH<br>CAT Power<br>Display |  |  |
|------|------|-----------------|--------------------|------|---------------|-----------------------------|--|--|
| Idle |      |                 |                    |      |               |                             |  |  |
|      |      |                 |                    |      |               |                             |  |  |
|      |      |                 |                    |      |               |                             |  |  |
|      | 1800 | 21.9            | 42.8               | 0.51 | 368           | 45                          |  |  |
|      | 2000 | 24.5            | 52.9               | 0.46 | 333           | 54                          |  |  |
|      | 2100 | 25.6            | 58.4               | 0.44 | 316           | 60                          |  |  |
|      | 2200 | 27.9            | 64.4               | 0.43 | 312           | 66                          |  |  |
|      | 2300 | 29.3            | 71.4               | 0.41 | 295           | 74                          |  |  |
| WOT  | 2370 | 30.6            | 76.7               | 0.40 | 287           | 79                          |  |  |

Notes: Based on performance measured 07/31/2009 w/ 4 crew (~800lbs.), 100% / full fuel (800gal.), 100% water (200gal.), 0% waste. with 100lbs. of tools., no owner's gear.  
 Seas ~ calm, sea water temp.: 60deg.F.  
 Speed measured by GPS. Average of reciprocal runs in Casco Bay, Portland, ME.  
 Engines: 2/ea. CAT C15 (865-mhp @ 2300 rpm) with 2.04:1 Twin Disc MGX5114A reduction gears.  
 Propellers: 32" X 36.5", ZF KCA (0.85 DAR) x 2.75" bore, 4-blade, NiBrAl, with #3 cup.  
**Fuel Consumption recorded by external fuel flow gauging equipment.**  
 Range based on 90% of 800gal. fuel capacity.  
 Recommended maximum continuous cruise speed is @ 80% engine load factor ~ 2100rpm. (26.5kts, burning 71.5gph)  
 Performance data is subject to change depending on tankage, temperature and other factors.

**S52 Salon Express (AA-001) SPEED & FUEL CONSUMPTION**

