

Hamilton Jet Model HJ321
 Application Review

HJ321 Jets Drive 18 Metre Motor Yacht to 34 Knots



The 'Fayerweather' may look like an elegant and sedate pleasure cruiser, but with twin Hamilton Waterjets giving a top speed of over 35 knots, this 60-footer performs like a much smaller, sportier motor yacht.

Fayerweather's outstanding versatility and performance can be attributed to three main factors...

- **Hull design** – Naval architect Penn Edmonds designed the hull using a mix of computer modelling and real-life analysis of similar designs. The lean, deep-V, constant deadrise hull has excellent sea-keeping abilities and is able to maintain a steady 30 knots in most conditions. Fayerweather also maintains a steady trim at all speeds and during acceleration.

- **Lightweight construction** – To keep weight below 25,000lbs, Eric Goetz Custom Sailboats, who specialise in lightweight construction, used a sandwich of glass over Baltek's variable density SuperLight coring material. This core provides excellent strength-to-weight characteristics and requires less resin, which helps to keep weight down.



- **Waterjet propulsion** – Twin Hamilton HJ321 waterjets provide outstanding efficiency, reliability, acceleration, and manoeuvrability, as well as low noise and vibration.

Fayerweather is owned by a retired sailing couple who stay involved with the sport by serving on local race committees, using the vessel to deliver judges and set marks around the course ahead of the fleet.

Along with the spacious pilothouse, with its all-around views, the yacht's interior includes a forward cabin with V-berth and head, an aft cabin with extra-wide twin berths, TV and desk, and a galley/dining nook.

▶ Brief Specifications

- NAME:** Fayerweather
- SERVICE:** Pleasure Cruiser
- LENGTH:** 18.30 metres (60')
- BEAM:** 3.50 metres (11'5")
- DRAUGHT:** 0.56 metres (22")
- CONSTRUCTION:** E-Glass with Baltek SuperLite Core
- DISPLACEMENT:** 25,000lbs
- SPEED:** 37 knots (maximum)
30 knots (cruise)
- WATERJETS:** Twin Hamilton Jet Model HJ321
- WATERJET CONTROLS:** Hamilton Jet Type HYRC
- ENGINES:** Twin Yanmar diesels Model 6LY2-STE, each 313kW (420hp) @ 3400rpm
- DESIGNER:** Penn Edmonds, Boston MA, USA
- BUILDER:** Eric Goetz Custom Sailboats, Rhode Island CT, USA
- Hamilton Jet DISTRIBUTOR:** Atlantis Marine Gear Supply, Topsfield MA, USA

