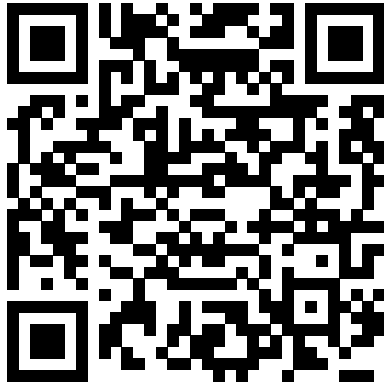


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Emerald - "Round the Word" ocean racing yacht.

by East-RN



29th Jul 2018

Emerald - "Round the Word" ocean racing yacht.

Purchased new in kit form, from Robbe. 1998. Specifications:- Overall length: 1380mm. Overall beam: 360 mm. Draught: 300 mm. Mast height: 1800 mm. Overall height: 2200 mm. Standard sail area: 80 square dm. Sail area with Genoa: 94 square dm. Total displacement: 12 kg. Ballast: 8 kg. Scale: 1:10 Control Robbe Futaba F14 Marine transmitter / receiver. Channel 1 - Rudder servo. Channel 2 - Spare. Channel 3 - Genoa sail servo. Genoa switch module - fitted between the stick potentiometer and the transmitter channel 3 Socket. (Reverses the Genoa sail servo for Port or Starboard tack.) Channel 4 - Main sail servo. Channel 5 - Auxiliary 3 position switch - up position. Channel 6 - Auxiliary 3 position switch - down position. Receiver channel 5 - Mono Memory relay module. To drive the Blister motor out, to raise the Genoa Sail Clew. Receiver channel 6 - Mono Memory relay module. To drive the Blister motor in, to tighten the Genoa Sail Clew. Recently recovered from the back of the shed, where it has been in hibernation. Now I am retired and have some free time, it is under a review and refurbishment. New paint on the deck and upper hull (above the waterline). Solid state relay modules added, to replace the micro switches, operated from a cam on a servo (replacing analogue channel 2 with on/off channels 5 and 6). Pictures show the sea trials after the 10 year hibernation. The Genoa Module had failed in the carbon potentiometers. No replacement available, so found a local electronics repairers, who changed the potentiometers for £10.00. The carrying cradle was designed to hold the sails, and secure the yacht while rigging at the waters edge. Also acts as a dry dock, while working inside the hull. When the repaired module is fitted, and the Genoa sail is operational, I will post detailed video of the Genoa sail winch and Blister motor and their operation while sailing. Genoa Sail Pictures added.

