

Name: Edwin Sudds

Project Name: Recovery boat

Description: The recovery boat was designed to aid in the retrieval of stranded models by using fixed 'forks' to capture the target and maneuver it to shore. The boat is powered by a 35 turn 550 size brushed motor running on 2s lipo driving a 45mm two blade propellor.

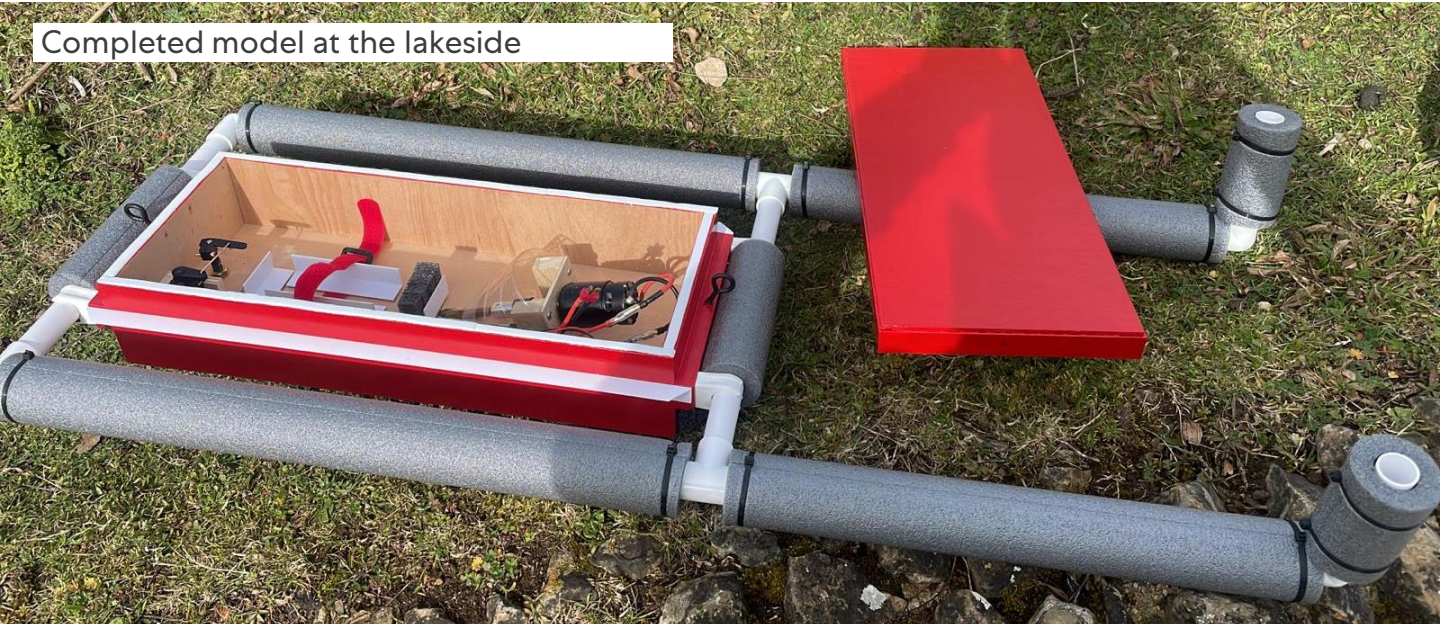
Dimensions: Length 980mm, beam 400mm

Status: Project conceived in mid March 2023 and took 3 days to design and build.

Features:

- The model is effectively a trimaran with the central hull a simple plywood box with a shallow keel to aid directional stability. The outer 'capture forks' are made from 21.5mm plastic overflow pipe and fittings covered with pipe insulation for floatation and padding.
- There is an aluminum guard hoop to protect the propellor and rudder making the model easy to handle and store without a stand etc.
- The boat was designed with a low profile to help make it easier to maneuver in adverse wind conditions.

Completed model at the lakeside



Underside of hull showing detail of propellor protector etc.