

**JAMES BOND  
FAST ATTACK BOAT  
007  
LICENSED TO KILL**



A figment of the imagination a fast attack boat for the 007 hero of many entertaining films, a James Bond Boat, perhaps for inclusion in a future epic.. You never know!

This model was all scratch built apart from the hull which was kindly supplied and donated by Mtroniks and taken from a kit range from Italy that they were going to include in their range of products.

It was derived after a comment by the author that it would never perform with an outboard electric motor for which it was designed, only a Nitro outboard motor would make it perform really well.

The challenge was to convert it to a high powered inboard electric motor with at least two six cell packs supplying the power to give a more satisfactory performance, as an electrically driven model.

Lots of aluminium reinforcement was required to accommodate the removal of the anticipated heat that would be built up when running the 700 Turbo motor that was to be installed along with two six cell packs, in a very confined space.

Water cooling and also an internal cooling fan motor were installed to overcome this predicament. The cooling fan is driven by tapping of power from one of the six cell packs, through an electronic device which brings the voltage down to five volts the fan supplies 140 litres of air per minute and the cooling motor has an inertia switch that starts the fan as soon as forward movement is detected..

The rear of the model had to be re-designed to facilitate a rudder arrangement, because obviously an out board motor that would normally have been used, would also have supplied the means of guidance.

When installing the prop shaft an error occurred as it was not offset by a few degrees to counteract the torque from the motor. So to save ripping it all apart, a giro was installed and has overcome the mistake, counteracting the drift to one side resulting in the craft becoming much more controllable.

The hull is painted 'Sprayed' with Two Pack paint with a polymer added to the paint to make it flexible so it will not crack, especially as the hull mould is made of ABS plastic.

Experiments with various types of propellers have been carried out, with a view to obtaining the best speed from the craft. Finally resulting in a good old fashioned plastic prop giving the best result.

Then of course, as per all my models they have to have a gun on them but on this model there are no sound effects, just one working feature a flashing red warning light. No blooming room left for any other working features.

Hope you enjoy my efforts, she is the only one of her kind!