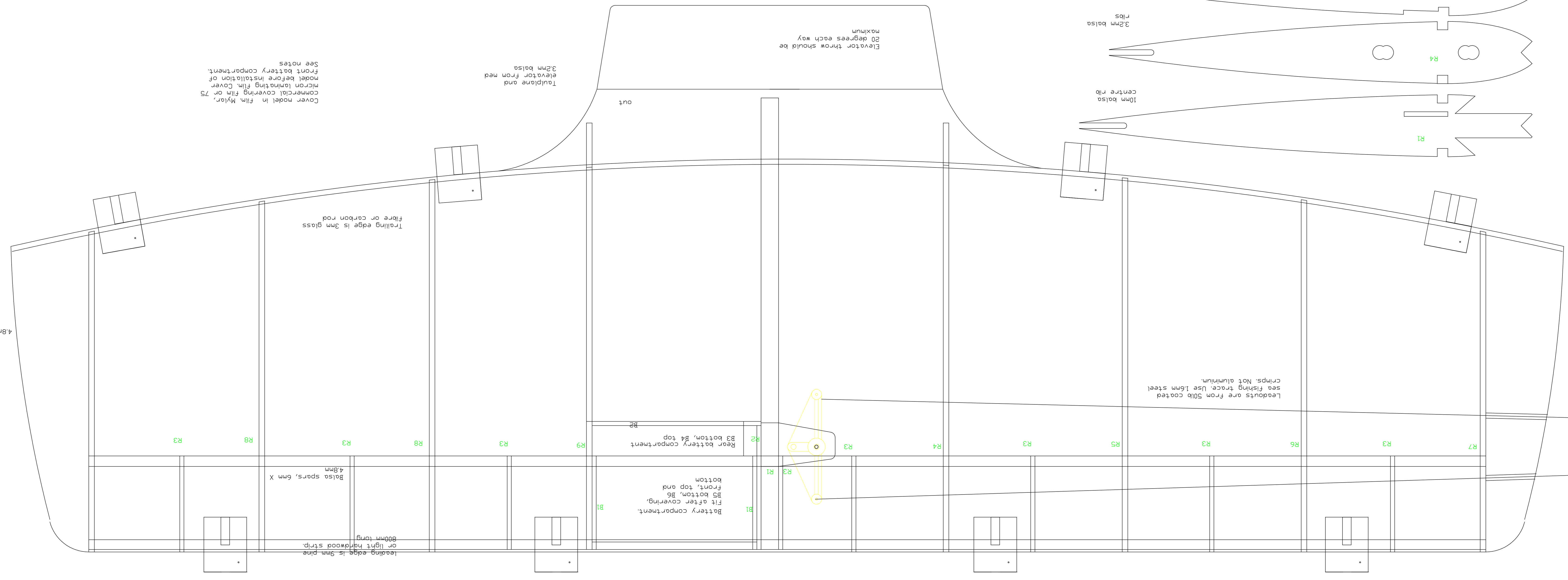
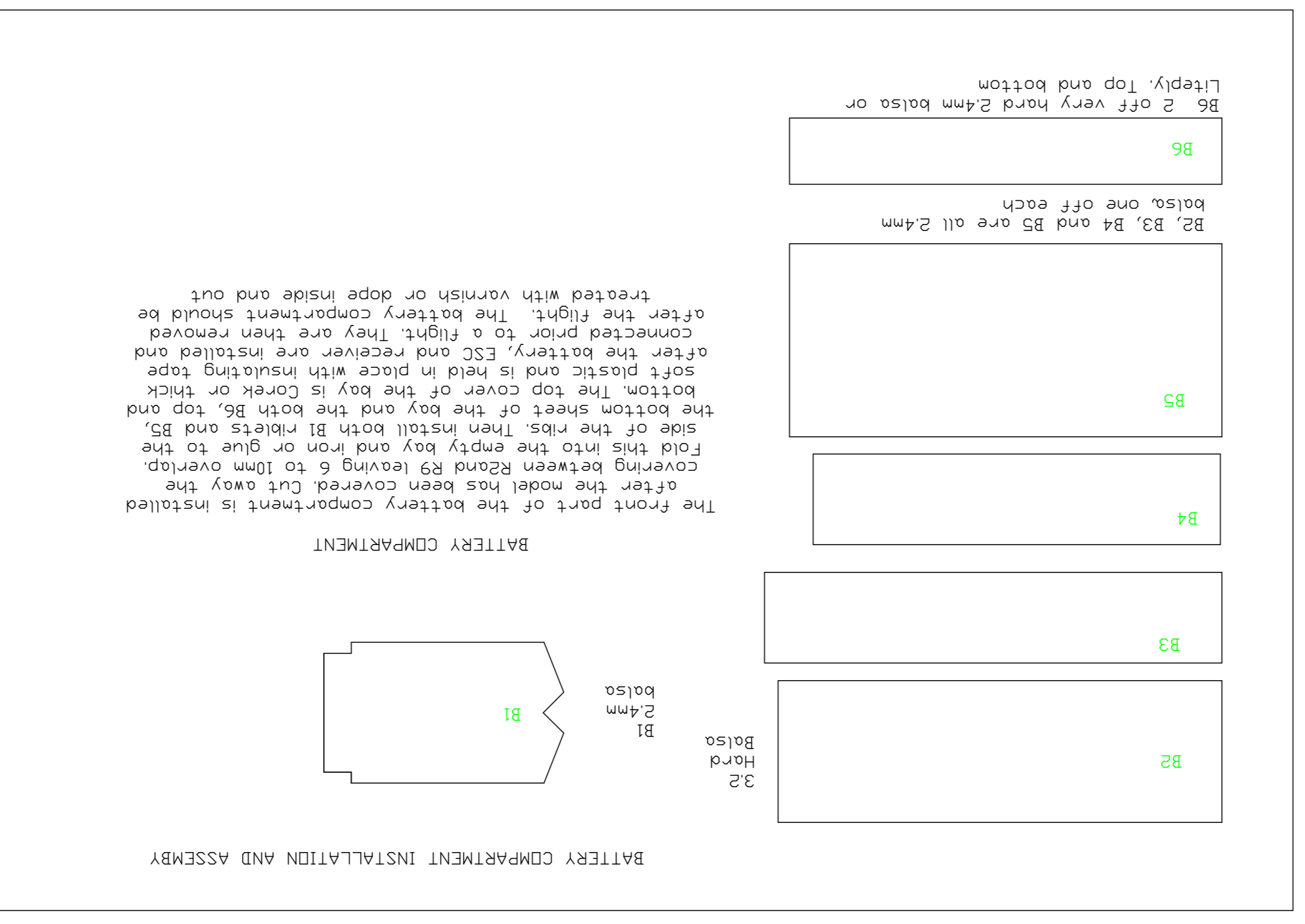
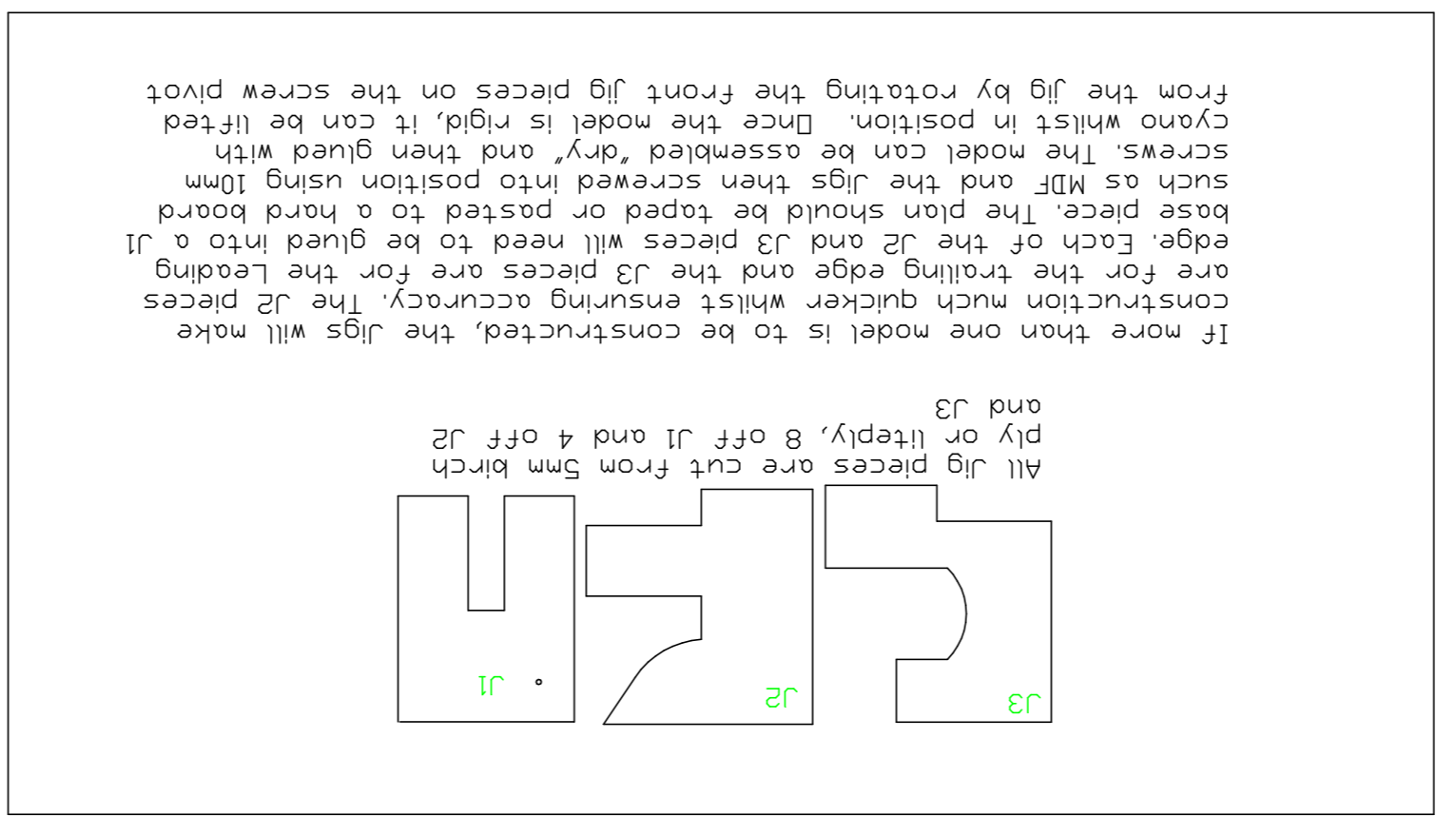


Leadout tubes from 3mm D/I/D plastic tube, do not use brass or aluminum tube is using coated trace leadouts

Leadouts are from 50lb coated crimps. Not aluminium. See fishing trace. Use 16mm steel



Cover model in film Mylar, micron laminating film. Cover model before installation of front battery compartment. See notes

INSTALLING THE BATTERY, ESC AND RECEIVER PRE FLIGHT

The ESC is installed first, push the 3 motor wires and connectors through the gap at B4, and push the ESC against the rear wall of the compartment B2, then plug the compartment with the plug facing rearward against the ESC. The plug will now be facing backward in the rear outboard corner of the bay. Route the antenna through the gap by the ESC wires. The battery should be placed into the bay with the change port and wires against the centre rib. The wires exiting the battery should be at the front. Tuck the change port into the gap by the centre rib. Route the wires around the gap between the ESC and the battery and connect the X160 connectors. The front side of the battery needs to be tight against the back of the leading edge. If there is any movement, use pieces of foam in the gap between the ESC and rear of the battery to push the battery forward. This is important to maintain the correct CG in flight. The cover of the battery compartment can now be fitted and taped into place with strips of insulating tape.

PRE FLIGHT: connect the bullet connectors between the motor and the ESC and CHECK ROTATION. The motor is 2 phase, if it rotates the wrong direction, change two of the connections.

Motor, Battery, ESC and propulsion for Class One Electric Combat

The rules on allowable equipment are strict. Only the specifications stated below are allowed. This is to keep the class fun. If someone uses illegal equipment, everyone will have very similar performance. All the equipment below is available from a good many retailers but Aliexpress is recommended. They sell on Aliexpress for around £4.00 with spinner and mount. Only this motor, only this spec.

Prep: 8/4 plastic or nylon.

Battery: 3 cell 11.1 volt 1300 mAh 'sporty' battery made by Zeez. These are available from a number of outlets but again, Aliexpress price beats all. Around £22 for 2 batteries delivered from a UK warehouse in about 2 days. Excellent battery will give about 5 or 6 minutes at full throttle but we only need 4 minutes of ESC Electronic Speed Controller, 30 amp, any manufacturer, again available on Aliexpress for £3 to £4. Additionally you will need a 2Amp 8/C transmitter and Receiver, 1 recommended to 6 channel boat transmitter switch. Throttle control or timers are not allowed in this class of combat.

A full set of rules and a more detailed list of the equipment can be found on the Combat Flyers Association website under 'Electric' www.combatflyers.co.uk