“THE JUGGERNAUT”
QUADCOPTER INSTRUCTIONS
FLYBRIX STURDY BUILD INSTRUCTIONS

AKA “THE JUGGERNAUT”

This airframe was designed and named by Amir, one of the Flybrix founders. Amir put his MIT engineering skills to the test with the goal of creating a balanced, lightweight quadcopter that can withstand crashing.

Juggernaut Key Design Features:

- **Low center of gravity.** The battery chamber is on the bottom of the quad, so flight balance is enhanced.

- **“Sandwich style” motor arm attachment.** By layering bricks on the top and bottom of the motor arms, there are *more points of contact*. Motor arms stay affixed better than a single layer attachment style.

- **Dual frame construction.** Notice there are two frames on this design creating more strength in the frame.

We’re excited to see how you put these construction ideas to use in your own creations! Share your airframe ideas on:

- Facebook/Flybrix
- @Flybrix
- www.Flybrix/Forum
Your brick color may be different than ours.
Follow directions using **brick shape**.
Phase 1 complete!
Set this airframe aside for a moment.
Phase 2
Battery chamber construction.
attach 1x4 frame to the 2x4 brick
Battery chamber complete!
Next steps:
Attach battery chamber to the bottom of your airframe
We took off the flight control board to give you a top-down view of how the chamber attaches to the underside of the airframe.
CONNECTION KEY
Motor positioning, props, port connection

Prop type (labeled on the prop)

Port connection (ports labeled on the flight control board)

Motor wire colors
Attach motors and props. Connect motors to the motor ports. Add fin, windshield and connect the battery when you’re ready.
**PREFLIGHT CHECKLIST**

- Battery Charged
- Battery Connected
- Motors Placed Properly
- Props Placed Properly
- Motors Connected Properly (matching white ticks on motor connectors with the white ticks on the flight control board).

Need Help? Visit the Flybrix online forum or email support at support@flybrix.com

Happy Flying, Captain!