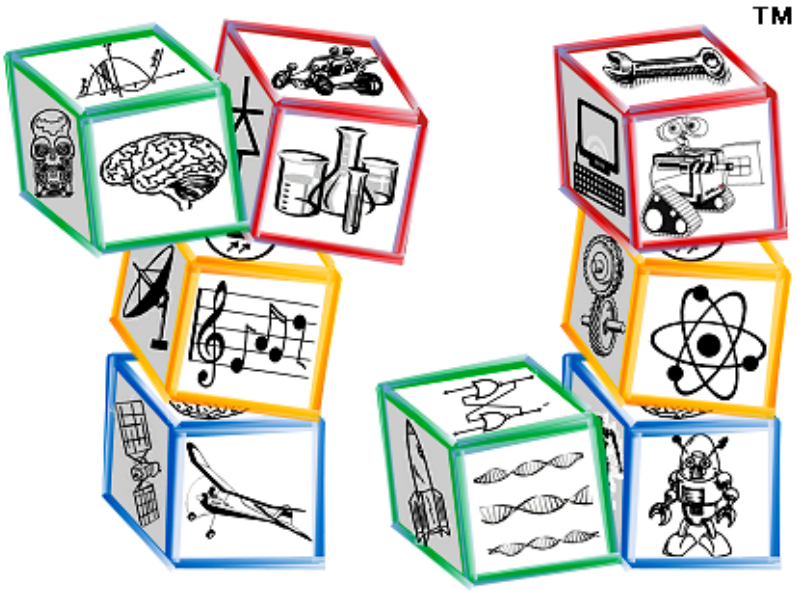

Multiple Discplines under One-Roof. Thats how we like it!

TechJect Inc. is a Robotics Startup from Georgia Tech. The company's vision is to drive the Micro Aerial Vehicle and Robotics markets with high performance, low-energy, high endurance flight systems, software and hardware.

TechJect is a cumulation of all majors of engineering from Electrical, Mechanical, Aerospace to Computer Science, Software Development and more.

TechJect Inc.
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Atlanta, GA - 30318
support@techject.com
(404)312-2644

Products & Services

Dragonfly MAV Platforms

- Dragonfly Base Models
  - Green; Hornet; Georgia Tech; Wood; Sky; Farmer
  - Custom Models (on request)
- Dragonfly (Hovering Priority)
- Dragonfly (Gliding Priority)
- Dragonfly (Balanced)
- Modular Dragonfly (w/custom actuators)

Electronics

- MARC - Basic (Flight Control Board)
- MARC - 2 (Rapid Prototyping Avionics)
- MARC - 3 (High Performance Avionics)
- RC - control system (TX / RX)
- Wireless Data Transmission modules
- Micro Cameras (Computer Vision Modules)
  - Dual (Stereo) 640x480 camera module
  - Dual (3M / 5M Pixel On request)
- Custom Avionics Solutions (on request)

Actuators

- Geared Actuators (Main Drive)
- Servo Mechanisms
- Solenoidal Actuators (Independent Wing Control)

Aerodynamics

- Automated and Parametrized Wing Development Software (TechJect Proprietary Innovation)
- Customizable Wing Forms available in all shapes (User selectable)
- Wing Feathering Mechanisms for higher agility and performance flights.

Very Low Cost Injection Molding

- Gears, structures, Joints, supports, bushings and lots more
- Cheap mold development for quick turn injection molding of quality parts
- We can send you your custom molds or perform limited cycle injection molding of parts for your business.

Flight Controls

- 6DoF Flight Controls and Software
- Custom Flight Control solutions
- Test Benches for training MAVs and gain tuning for various flight controllers