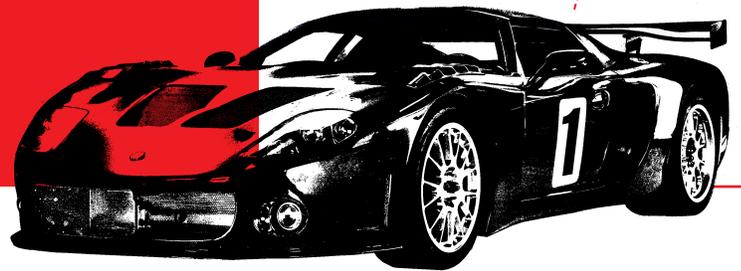




**SUPERCAR VS. JET**  
**THE RACE IS ON.**



## 2013 **SUPERCAR**

0 to 60 2.7 seconds  
Top Speed 200+ mph

Horsepower 525 / 6.2 liter / V8 LS3  
Weight 2,600 lbs

Miles per Gallon 26  
Built by 30 students

SIMILAR TO A PLANE, a car is an airfoil. As part of Experience Aviation's *Build & Soar* program, 30 South Florida students were challenged to build something many adults only dream of: **a Supercar**. In constructing the car, students as young as eight learned to use advance Science, Technology, Engineering and Math (STEM) skills. As head of this program, aviation record holder Captain Barrington Irving will race the student-built car against a 500-mph jet. NASA engineers estimate that the Supercar will reach speeds close to 200 mph covering a distance of 1.5 miles.

### **2008 // EXPERIMENTAL AIRCRAFT**

Experience Aviation's *Build and Soar* program began with a 2008 beta that made history when 60 inner-city students from Miami constructed a single-engine aircraft from scratch. The aircraft was then flown by their mentor Captain Irving for the very first time.

### **SUMMER 2013 // HOVERCRAFT**

In 2013, students will be challenged to build a twin-engine hovercraft during a 10-week summer program. Sponsored by Experience Aviation donors, this program will test our students' ability to apply STEM in the marine world and practice skills used by professional engineers.

### **HANDS-ON LEARNING**

Setting aside their personal differences, students participating in the *Build & Soar* program unite and work together to accomplish a common goal. Ever rivet sheet metal on a plane? What size tires will we need for best traction? These are problems they're able to solve with STEM knowledge and skills.

### **WE BUILD FUTURES**

More than just building planes and cars, we teach students that anything is possible. Look what some of our students are doing now:

- Aaron – U.S. Army, bomb specialist
- BaCarri – Duke University, math major
- Trenton – Air Force Academy cadet
- Carolyn – Florida State University, agriculture major

**EXPERIENCE  
AVIATION**

**Want to become a partner or sponsor for this cutting-edge learning experience? Contact us at [fly@experienceaviation.org](mailto:fly@experienceaviation.org)**

**[experienceaviation.org](http://experienceaviation.org)**