

SAE Aero Design Team

The Kansas State University Society of Automotive Engineers, or SAE, Aero Design Team is made up of 12 mechanical engineering students. From scratch, each year this group designs and builds an electrically powered radio-controlled aircraft. The goal of the team is to design a plane that will lift the most amount of weight.

Two competitions are held each year in locations such as Fort Worth, Texas; Van Nuys, California, and Lakeland, Florida. SAE sets the rules and regulations of these competitions, with each having a similar schedule. On day one, planes are inspected and teams give presentations about their design. A high percentage of the each score is based on the team's written design report and oral presentation.

On days two and three, teams fly their planes, typically doing five to six rounds of competition.

The K-State Aero Design Team competition record for the past two years is as follows:

- SAE Aero East, Fort Worth, Texas, March 2016 – six members placed 23rd overall.
- SAE Aero West, Van Nuys, California, April 2016 – six members placed 31st overall.
- SAE Aero West, Fort Worth, Texas, March 10-12, 2017 – seven members placed 29th overall.
- SAE Aero East, Lakeland, Florida, April 21-23, 2017 – six members placed 11th overall.

Team leaders

Austin Schuberth	President
Cameron Rohleder	Vice President
Kevin Garcia	Vice President/Treasurer
Giselle Gaunes	Secretary
Caden Hilger	Shop Manager
Bryce Zimmerman	Recruitment Chair

Faculty adviser

Terry Beck, MNE professor

