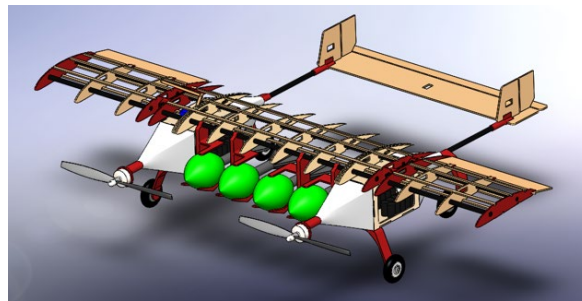
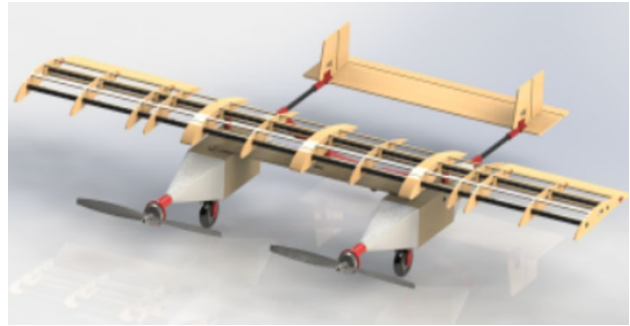
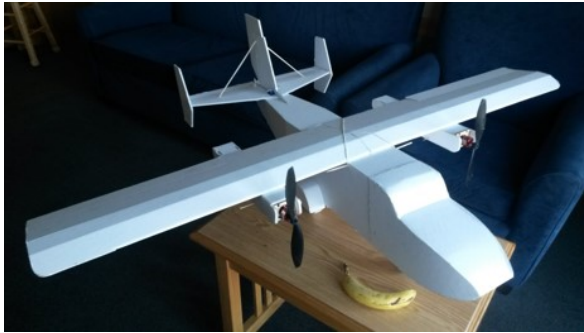


2018-19 DBF TEAM PROGRESS

1. The team build, tested, and *crashed* their first prototypes
 - a. They are working on a new design currently
2. Working on mini-prototypes for controls testing
 1. This year, one of the requirements is to have the wings fold so the team is testing their folding wing prototypes.



SUCCESSFUL TEST FLIGHT

- Take off - <https://youtu.be/kgfhfYSV1YI>
Drop mechanism in action - <https://youtu.be/TBDs9f7cLag>
Landing - https://youtu.be/I_WnCt4pH5M

2018-19 COMPETITION SUMMARY:

There was Designing, there was Building, there was Flying, and there was some Crashing. The 2018-2019 DBF team competed in Tucson, Arizona from April 12th-15th. Following some setbacks in Mission 1, the team went on to finish 32nd out of 104 teams. The design required a plane capable of folding to fit through a box while carrying/rotating a radome and dropping payloads (footballs) in flight. The team looks to build upon the upward trend of success in the club's planes.

Although many hours at competition were spent adjusting the plane, the team was still able to enjoy the beautiful sights. The team hiked around Saguaro National Park and even made a pitstop at Garden of the Gods before returning to Lincoln. Through and through, the competition was a success and the returning members of DBF is excited and ready to take on the next design!

