AIAA Student Design/Build/Fly Competition

AIAA’s Design/Build/Fly (DBF) Competition encourages excellence in aerospace engineering skills at the undergraduate and graduate levels by challenging teams to design and fabricate a radio-controlled aircraft, submit a written report about the aircraft’s design, and fly their aircraft over a defined course while carrying a payload and landing it without damage.

In April, at the 23rd annual DBF, 77 teams comprising 785 students had designed a multi-purpose aircraft to support carrier operations. Ninety-six flights took place at the Tucson International Modelplex Park Association (TIMPA) Airfield and the team representing Slovenia’s University of Ljubljana won the event. The other top scoring teams were from Georgia Tech and Austria’s FH Joanneum of Applied Sciences.

Thank you to our sponsors: Primary: Raytheon and Textron Aviation; Gold: Lockheed Martin, AeroVironment, Aurora Flight Sciences, General Atomics and MathWorks; Silver: Honeywell; and Bronze: FlightStream. Get involved at next year’s DBF in April 2020 in Wichita, KS!

The AIAA Foundation supports DBF in an effort to advance aerospace and to ensure the next generation of aerospace professionals is equipped as they prepare to enter the workforce. More information on DBF can be found at aiaa.org/dbf. For information on how your organization can engage with and sponsor this event, please contact merries@aiaa.org.
AIAA's Design/Build/Fly (DBF) Competition encourages excellence in aerospace engineering skills at the undergraduate and graduate levels by challenging teams to design and fabricate a radio-controlled aircraft, submit a written report about the aircraft's design, and fly their aircraft over a defined course while carrying a payload and landing it without damage.

In April, at the 23rd annual DBF, 77 teams comprising 785 students had designed a multi-purpose aircraft to support carrier operations. Ninety-six flights took place at the Tucson International Modelplex Park Association (TIMPA) Airfield and the team representing Slovenia’s University of Ljubljana won the event. The other top scoring teams were from Georgia Tech and Austria’s FH Joanneum of Applied Sciences.

Thank you to our sponsors: Primary: Raytheon and Textron Aviation; Gold: Lockheed Martin, AeroVironment, Aurora Flight Sciences, General Atomics and MathWorks; Silver: Honeywell; and Bronze: FlightStream. Get involved at next year’s DBF in April 2020 in Wichita, KS!

The AIAA Foundation supports DBF in an effort to advance aerospace and to ensure the next generation of aerospace professionals is equipped as they prepare to enter the workforce. More information on DBF can be found at aiaa.org/dbf. For information on how your organization can engage with and sponsor this event, please contact merries@aiaa.org.