

AIRCRAFT & TRAINING DEVICES

DA-40



The DA-40 is a versatile and modern single-engine aircraft designed for both training and cross-country flights. Known for its sleek composite construction and efficient fuel usage, the DA-40 is equipped with a Garmin G1000 glass cockpit, offering pilots an advanced avionics suite typically found in larger, more complex aircraft. At Tuskegee University, students will benefit from learning in this cutting-edge aircraft, gaining the skills necessary to operate in today's increasingly technology-driven aviation environment.

DA-42



The DA-42 is a state-of-the-art twin-engine aircraft renowned for its performance, safety, and efficiency, making it an excellent choice for advanced flight training. Equipped with a Garmin G1000 glass cockpit, the DA-42 offers students hands-on experience with modern avionics and multi-engine operations. Its fuel-efficient engines and advanced safety systems, including anti-ice technology and exceptional redundancy, provide an ideal platform for developing the skills needed to manage complex aircraft. At Tuskegee University, students will use the DA-42 to gain critical multi-engine experience, preparing them for professional pilot careers in today's competitive aviation industry.

FRASCA AATD



The Frasca Advanced Aviation Training Devices (AATDs) at Tuskegee University, provided through the partnership with LIFT Academy, are cutting-edge flight simulators designed to offer realistic and immersive training experiences. These AATDs replicate the cockpit environment of the DA-40 and DA-42 aircraft, allowing students to practice and master essential flight skills, navigation, and emergency procedures in a highly controlled setting, all while reducing training costs and enhancing safety.



**DEDICATED TO
AVIATION EXCELLENCE.**



STUDENT TECHNOLOGY

GARMIN G1000



All aircraft utilize the revolutionary Garmin G1000 suite, designed to give pilots flight-critical information about weather, terrain, traffic and more. The G1000 is one of the most modern, advanced systems.

BOSE AVIATION



Bose Aviation headsets provide our students with top-of-the-line noise reduction with added comfort specifically made for pilots. All students are provided with Bose headsets in their technology kit.

APPLE IPADS



Students receive their own Apple iPad and Apple Pencil in their technology kit to use during their time in the program. These products provide our students with their own tools for the classroom and research. At the conclusion of the program these headsets will be returned.



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TRAINING LOCATION

MOTON FIELD, TUSKEGEE, AL

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Moton Field is a historic airfield in Tuskegee, Alabama, and the birthplace of the legendary Tuskegee Airmen, the first African American military aviators in U.S. history located a 8 minute drive from the Tuskegee University Campus. Today, it serves as the training ground for the next generation of aviators through Tuskegee University's Aviation Science Program. With modern facilities and a deep connection to aviation history, Moton Field offers students a unique opportunity to learn in the same place where courage and excellence once soared. Here, students can build their skills, honor a rich legacy, and prepare for a future in aviation.

INFRASTRUCTURE INVESTMENTS

Tuskegee University, in partnership with LIFT Academy, is proud to announce significant infrastructure improvements at Moton Field, aimed at enhancing the training experience for our Aviation Science students. These upgrades include the construction of a semi-permanent hangar, a state-of-the-art training facility, and a modular trailer to serve as classrooms and operational space. These new facilities will provide students with the advanced resources and hands-on training they need to excel, continuing the legacy of Moton Field as a premier aviation training ground.

