

Supporting Georgia Today, Enabling Growth Tomorrow



AEROSPACE IS A MAJOR DRIVER OF STATE ECONOMY

\$42.5B

direct output/
business activity

\$9.2B

Aerospace products are
Georgia's No. 1 export,
totaling \$9.2 billion in 2022



AEROSPACE JOBS IMPACT BROAD SPECTRUM OF GEORGIANS

262,975

aerospace jobs make up **5.8%** of the state's total employment (2019), ranging from technician to Ph.D.s



OTHER INDUSTRIES IMPACTED BY AEROSPACE

- Cybersecurity
- Defense + Military
- Education + Training
- Electronics + Communications
- Energy
- Environmental + Sustainability
- Logistics + Supply Chain
- Manufacturing + Materials
- Medicine + Medical Devices
- Research + Development
- Tourism + Entertainment
- Travel + Transportation
- Weather Forecasting + Climate Science



GEORGIA TECH IS AN IMPORTANT ENABLER OF STATE AEROSPACE SECTOR

- **Top ranked** undergraduate aerospace program in the U.S.
- Only college/university in Georgia that offers **three aerospace degrees**: bachelor's, master's, and doctoral.
- **Largest number** of aerospace undergraduate students in United States (10,000th graduate in 2024!)
- Graduates **10%** of the aerospace Ph.D.s in the U.S.

30% AE School graduates are living and working in Georgia



HUGE EMERGING GROWTH AREAS IN AEROSPACE



SPACE ECONOMY

projected to grow to **\$1 trillion by 2040**, much of it from commercial operators



AUTONOMOUS AERIAL VEHICLES

market projected to grow to **\$55B by 2030**



SUSTAINABLE AVIATION/SUSTAINABLE AVIATION FUEL (SAF)

- Airlines have identified SAF as the most promising near-term technology to reduce greenhouse gas emissions.
- Federal SAF Grand Challenge to supply **3B gallons of SAF per year by 2030**.

Georgia has a footprint in all of these areas:
\$270M in UAM economic activity;
\$400M in space economic activity



GEORGIA TECH WILL SUPPORT STATE INITIATIVES TO CAPTURE THESE EMERGING AREAS

AE is making **strategic hires** in all of these emerging areas, that are building differentiating facilities and partnerships, and spinning out successful companies

Significant infrastructure investments in these areas:

- **New electric aviation hangar**
- **New space operations center**



Plans for a \$220M signature facility that will serve as a state-wide resource and convenor for education, research, partnerships, and training.