



Maryland IS An Aerospace State

Overview: Maryland is a hub for aerospace and aviation, boasting a dense concentration of aerospace engineering talent and a growing industry sector with over 9,000 companies. Maryland is unique among all states with more than 60 federal agencies, 20 military installations, and 57 universities and colleges.

Key Contributions:

1. National Security
 - a. **Naval Air Station Patuxent River (Pax River):** A major center for naval aviation and the busiest flight test center in the world, Pax River supports research, development, testing, and evaluation of aircraft and systems.
2. Critical Infrastructure
 - a. **NOAA Satellite Operations Facility (NSOF):** Located in Suitland, this facility manages the command and control of NOAA's environmental satellites.
 - b. **NASA Wallops Flight Facility:** Situated on the Eastern Shore, Wallops supports suborbital and orbital rocket launches, as well as research and development in aeronautics and space science.
3. World-Changing Science
 - a. **NASA Goddard Space Flight Center (GSFC):** Located in Greenbelt, GSFC is the largest earth and space science research organization in the world
 - b. **Johns Hopkins University Applied Physics Laboratory (APL):** In Laurel, APL conducts research and development in various fields, including space science and engineering.

Economic and Educational Impact:

- **Job Creation:** Maryland's aerospace and defense industry supports approximately 140,000+ jobs, including direct employment and supply chain jobs. The state has the highest concentration of aerospace engineers in the nation.
- **Tax Revenue Impact:** The aerospace sector significantly contributes to Maryland's tax base. In FY23, the aerospace and defense industry in Maryland generated approximately \$1B in state and local tax revenue. This includes:
 - Total Wages: Total wages paid out to aerospace employees amount to \$4.5 billion
 - Average Wage: The average wage of an aerospace employee in Maryland is \$127,238.
- **Education and Innovation:** Maryland's aerospace industry fosters a rich ecosystem of innovation and research. The state collaborates with top-rated programs at the University of Maryland, U.S. Naval Academy, and HBCUs like Bowie State University, promoting STEM education and advancing aerospace technologies.

Key Achievements:

- **Hubble Space Telescope and James Webb Space Telescope:** Developed and operated by GSFC, these telescopes have revolutionized our understanding of the universe.
- **Advanced Air Mobility:** Maryland is on the front line of the transition to future uncrewed aviation
- **Environmental Monitoring:** NESDIS and NSOF provide critical data for weather forecasting, climate monitoring, and environmental research.



MARYLAND AEROSPACE ALLIANCE

Key Facilities



Key Statistics

