



AERONAUTICS RESEARCH MISSION DIRECTORATE

Grants and Cooperative Agreements Profile

OVERVIEW

The NASA Mission draws support from NASA's world-class capability for aeronautical research founded on a tradition of expertise in aeronautical engineering and core research areas from within the Aeronautics Research Mission Directorate (ARMD). ARMD maintains and advances U.S. global leadership in aviation through applications of new concepts and technologies pioneered by NASA and developed in partnership with U.S. Industry that lead to transformative improvements in mobility, efficiency, and safety.

AERONAUTICS RESEARCH MISSION DIRECTORATE PROGRAM AREAS:

Advanced Air Vehicles Program (AAVP) – conducts research to meet the Nation's long-term civil aviation needs. The program works in close partnership with academia, industry, and other Government agencies to pioneer fundamental aeronautics research and to mature the most promising technologies and concepts for transition to the user community.

Airspace Operations and Safety Program (AOSP) – partners with the Federal Aviation Administration and the aviation community to modernize and transform the national air traffic management system. The program is on the leading edge of research on increasingly autonomous aviation and advanced National Airspace management systems and pioneers the integration and analysis of data to support in-time-system wide safety assurance.

Integrated Aviation Systems Program (IASP) – explores, assesses, and demonstrates the benefits of the most promising technologies at an integrated system level, including in flight. The program has three major flight projects: Sustainable Flight Demonstrator, Electrified Powertrain Flight Demonstrations, and Low-Boom Flight Demonstrator. The program also funds flight support capabilities and other aeronautics research related flight tests.

Transformative Aeronautics Concepts Program (TACP) – demonstrates initial feasibility of concepts supporting the discovery and development of new transformative solutions supporting the NASA Aeronautics strategy, including exploring opportunities to create a net zero-emissions aviation future.

FAST FACTS

Assistance Listing Number:

43.002

Authorizing Statute:

National Aeronautics and Space Act of 1958

Average Number of Active Awards:

100

Average Funding Per Award:

\$635,116

Applicant Eligibility:

Institutions of Higher Education
Non-Profit Organizations
For-Profit Organizations

IMPORTANT LINKS & RESOURCES

ARMD Funding Opportunities

<https://www.grants.gov>

<https://www.nasa.gov/aeroresearch/solicitations>

Aeronautics Research Mission Directorate

<https://www.nasa.gov/aeroresearch>

NASA Shared Services Center (NSSC)

<https://www.nasa.gov/centers/nssc/grants>

NASA Grants Policy and Compliance

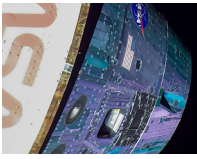
<https://www.nasa.gov/offices/procurement/gpc>

NASA Proposer's Guidebook

https://www.nasa.gov/offices/procurement/gpc/regulations_and_guidance

NASA Grant & Cooperative Agreement Manual

https://www.nasa.gov/offices/procurement/gpc/regulations_and_guidance



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TOTAL AWARD OBLIGATIONS PER FISCAL YEAR

FY 2022 **\$73,738,285**

FY 2021 **\$52,592,769**

FY 2020 **\$40,775,713**

FY 2019 **\$53,168,596**