

National Center for the Advancement of Aviation

Discussion Draft – One Pager

MISSION

The National Center for the Advancement of Aviation would support and promote civil, commercial, and military aviation programs to address the demands and challenges associated with ensuring a safe and vibrant national aviation system through research, education, and training

VISION

As a federally chartered, not-for-profit entity, the center would foster collaboration between private and governmental organizations to ensure the development and sustainability of the aviation workforce, research and development of new aviation materials, products, and procedures, and leverage the knowledge of other organizations and federal agencies.

INITIATIVES

Foster a Diverse and Reinvigorated Aviation Workforce

In order to invest in pilot education and aviation workforce training in the United States, the NCAA will work to ensure the development and sustainability of the civil and military aviation workforce via the promotion of youth aviation programs. The Center will also strive to streamline the process of transitioning members in the Armed Forces into careers in civil aviation.

Facilitate New and Expanded STEM Education Opportunities for High School Students

The NCAA will serve as a forum to leverage expertise from all sectors of the industry and provide resources to high school aviation curriculum developers so educators can take that knowledge back to classrooms across the nation, thereby ensuring that the next generation of pilots and aviation maintenance technicians can attain the knowledge and tools necessary to pursuing a life-fulfilling career.

Serve as a Central Repository of Safety and Economic Data

In response to the current absence of a comprehensive entity responsible for reviewing and analyzing aviation economic data, the NCAA will establish a collaborative forum to facilitate the publishing of data so that we can better analyze and support consensus-based standards and operating procedures that would be difficult to achieve with a bureaucratic approach.

Support Research and Collaborate on Training Methods and New Technologies

Recognizing the hurdles and constraints faced in the aviation research industry today, the NCAA will empower collaborative and cross-disciplinary efforts between private sector organizations, higher education, and other relevant entities to facilitate the testing and experimentation needed to develop cutting-edge aviation materials, technology, and avionics.

(cont.)

National Center for the Advancement of Aviation

Discussion Draft – One Pager

Discussion Draft Text Outline

Section 2:

Subsection (a): Establishes the National Center for the Advancement of Aviation

Subsection (b): Provides for a Board of Governors as the governing body of the Center

- Outlines the powers of the Board, its membership, organization, and meeting structure

Subsection (c): Outlines the purposes of the Center

- Promote civil and military aviation programs to address demands and challenges associated with a safe and vibrant national aviation system
- Ensure collaboration and cooperation between aviation sectors
- Develop and improve aviation education curriculum
- Promote development and sustainability of the aviation workforce
- Support research and development of new aviation materials, products, and procedures
- Leverage the knowledge of other organizations and Federal agencies
- Further collaboration between institutions of higher education or other research institutions engaged in aviation or aviation-related research or technical development

Subsection (d): Establishes the duties of the Center

- Support professional development of educators teaching aviation curriculum
- Support the education and recruitment of aviation maintenance technical professionals
- Establish aviation scholarships for minority students
- Assist members of the Armed Forces transition to careers in civil aviation
- Review and analyze aviation economic and safety data and publicize the results of that analysis
- Host collaborative events to discuss the near-term and long-term future of aviation
- Facilitate engagement between aviation and non-aviation professionals to incubate and develop consensus-based standards
- Coordinate and foster relationships with civil and military aviation
- Engage with aviation youth programs to ensure that young people are aware of aviation career opportunities
- Work with FAA centers to ensure that people are aware of the activities and opportunities there
- Engage with international aviation organizations to foster cooperation
- Ensure that government officials are aware of the activities described above

Subsection (e): Allows the Center to contract with organizations

Subsection (f): Provides for certain administrative matters for the Center

Subsection (g): Provides for certain restrictions for the Center

Subsection (h): Establishes an Advisory Committee for the Center

Subsection (i): Allows for the creation of topic-specific working groups at the Center

Subsection (j): FACA exemption

Subsection (k): Record requirement

Subsection (l): Tax-exempt status

Subsection (m): Annual report requirement