

Air and Space Law

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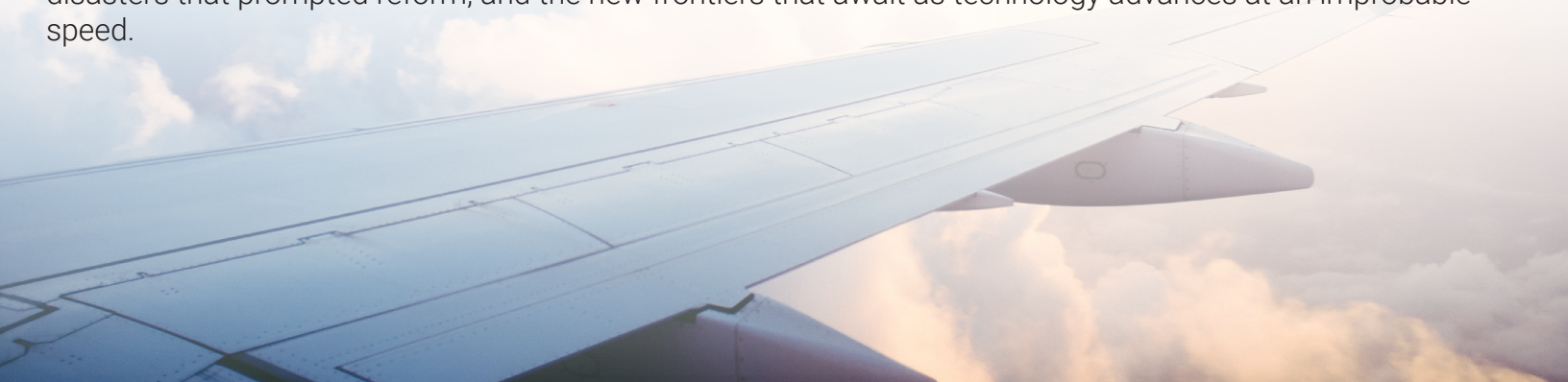
UNDERSTANDING AIR AND SPACE LAW

Air and space law refers to the legislation that regulates flight. Humankind has always dreamed of flying. But it wasn't until 1783, when the French Montgolfier brothers launched the first hot air balloon, that the dream of flight suddenly became a tangible possibility. Hot air balloons led to airships, gliders, and eventually airplanes, with the Wright brothers successfully launching the first plane in 1903. Ever since, the possibilities to travel among the clouds have continuously expanded, and today humans fly around the globe every day.

But what of the stars? While it had taken humans centuries to learn to fly, it would take only decades for them to launch into space. Realistic proposals for methods of spaceflight date back to 1903, while the German V-2 ballistic missile was the first object to travel into space in 1944. The Soviets launched their first satellite, Sputnik 1, in 1957, initiating the Space Race between the United States and the USSR. In 1969, the U.S. successfully landed the first humans on the moon. Today, focus has expanded to exploring other realms of space, with commercial companies complementing government space programs in the hopes of one day making space travel accessible to the paying public.

ABOUT THE DATABASE

HeinOnline's **Air and Space Law** is a collection of books, documents, reports, and more illustrating the history of air and spaceflight through the programs and people that made these dreams possible. Through the collection, users will see how governments and regulators reacted to new technologies, the accidents and disasters that prompted reform, and the new frontiers that await as technology advances at an improbable speed.



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SUBJECT-CODED CONTENT

HeinOnline editors have analyzed and subject-coded every title in this collection, creating and assigning **29 unique subjects** to help users find material most relevant to their research. Further categorizing the content, this entire collection is organized by Outer Space and Suborbital Space, separating titles dealing with matters on celestial bodies (Outer Space) from those concerned with earthbound air travel (Suborbital Space).

Subject areas include:

- Aerospace Technology
- Air Traffic Control
- Aircraft
- Airlines and Air Transport
- Airports
- Airspace Regulations
- Aviation Accidents and Disasters
- Aviation Regulations
- Aviation Safety and Security
- Drones
- Environmental Impact of Aviation
- Federal Aviation Administration
- International Cooperation in Space
- International Regulations of Flight
- Military Aviation
- Military in Space
- NASA
- Pilots, Astronauts, and Aerospace Workforce
- Pioneers in Flight
- Pioneers in Space
- Race to the Moon
- Satellites
- Space and National Security
- Space Commercialization
- Space Exploration
- Space Shuttle Program
- Space Station
- Spaceflight Accidents and Disasters
- Transportation Security Administration

DATABASE ORGANIZATION

While air travel and space exploration share principles of physics, technological advancements, and personnel training, they are ultimately separate spheres with their own unique challenges and concerns. To help users target their research, content in this collection is organized into **19 tabs** to help researchers target their research between *Suborbital Space* and *Orbital Space*.

Introduction	All Titles	Outer Space Books	Outer Space Committee Prints	Outer Space CRS Reports	Outer Space GAO Reports	Outer Space Hearings	Outer Space Legislative Histories	US Code Title 51	Suborbital Space Books
Suborbital Space Committee Prints	Suborbital Space CRS Reports	Suborbital Space GAO Reports	Suborbital Space Hearings	Suborbital Space Legislative Histories	CFR Title 14	Periodicals	Bibliography	Scholarly Articles	LibGuide

FEATURED CONTENT

Suborbital Space is the term HeinOnline is using to refer to all aviation matters below orbit. Under this categorization, users can find titles dealing with:

- Transportation Security Administration and airline safety protocols
- Federal Aviation Administration and Civil Aeronautics Board
- Airline operations
- Pilot regulations
- Air traffic control regulation and technologies
- Technology breakthroughs, such as in-flight deicing systems, radar systems, and other avionics
- Drones
- Helicopters, balloons, and dirigibles

Outer Space refers to all publications dealing with matters above and beyond Earth. Under this categorization, users can find titles dealing with:

- NASA's organization and operations, including budgetary matters
- Space Shuttle Program, including the Challenger and Columbia disasters
- Hubble and James Webb Space Telescopes
- Efforts to go to Mars
- Satellites, including their launch and uses back on earth
- Space debris, including how to manage it and who takes responsibility
- Space stations, including Skylab and the International Space Station
- International treaties and conventions in space

Find documents for both in all of the following categories:

BOOKS

Browse hundreds of books ranging in date from the early 1900s to present day. Find accounts of the Wright Brothers' flights, stories of Russian cosmonauts, treatises on aerial warfare, monographs on the business aspects of aviation, and more.

Some titles you may want to check out include:

- De Forest Billyou, Compiler. *Air Law* (1963).
- Charles D. Lutes; et al., Editors. *Toward a Theory of Spacepower: Selected Essays* (2011).
- Cary Spitzer, Editor. *Viking Orbiter Views of Mars* (1980).
- Betty Peckham. *Women in Aviation* (1945).

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GOVERNMENT DOCUMENTS

Access thousands of government documents covering a diverse range of topics, including FAA spending, TSA screening procedures, NASA, satellites and more! Peruse through committee prints, congressional hearings, CRS and GAO reports, and CFR and U.S. Code references.

LEGISLATIVE HISTORIES

Legislative histories present the journey of a bill as it becomes a law, with all its changes, additions, deletions and various legislative hurdles.

There are more than 50 legislative histories within this database, including:

- *Legislative History of the National Aeronautics and Space Act 1958 : P.L. 85-568 : 72 Stat. 426 : July 29, 1958.*
- *Legislative History of Airliner Cabin Air Quality P.L. 98-466*
- *Legislative History of the Airline Deregulation Act of 1978, P.L. 95-504*

SERIALS AND ARTICLES

Periodicals

Browse serials and periodicals dedicated to aviation and space matters, including:

- *Civil Aeronautics Administration Journal*
- *FAA Safety Briefing*
- *Journal of Air Law and Commerce*
- *Journal of Space Law*

Scholarly Articles

Access hundreds of articles* selected by HeinOnline editors on the Warsaw Convention, agreements in outer space, drones, warfare in space, aviation security in a post-9/11 world, space tourism, airline disasters, and more. Sort articles by **Title**, **Author**, **Most-Cited**, or **Year**, or search the list by **Title** or **Author**.

**In order to access the scholarly article links, you must be subscribed to the appropriate HeinOnline collection(s).*

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