

NASA Scientific and Technical Information (STI) Program



National Aeronautics and
Space Administration
Scientific and Technical
Information Program Office

NASA STI FACT SHEET

The NASA Scientific and Technical Information (STI) Program was established to support the objectives of NASA's missions and research. It is dedicated to the advancement of aeronautics and space science. This program is essential to help NASA avoid duplication of research by sharing information and to ensure that the U.S. maintains its preeminence in aerospace-related industries and education. The NASA STI Program acquires, processes, archives, announces, and disseminates NASA STI and acquires worldwide STI of critical importance to NASA and the Nation.

STI is defined as basic and applied research results from the work of scientists, engineers, and other technical and management personnel. STI is made available in paper, multimedia, and electronic media.

The STI Program is a critical component in the worldwide activity of scientific and technical aerospace research and development. Collected from U.S. and international sources, STI is organized via its content prior to being added to the NASA Aeronautics and Space Database, which is a world-class collection of STI that includes more than 3.5 million bibliographic records and a growing number of full-text documents. A public interface is available through the NASA Technical Reports Server.

The STI Program manages the activities of the NASA Center for AeroSpace Information (CASI) in Maryland. CASI is NASA's archiving and dissemination facility, and provides a wide variety of products and services, in various media and platforms.

For further information

- Visit the STI Program Web site at <http://www.sti.nasa.gov>
- Contact CASI at the NASA STI Help Desk via
E-mail: help@sti.nasa.gov
Fax: 301-621-0134
Telephone: 301-621-0390
- Visit the STI Program Office Web site at <http://stipo.larc.nasa.gov/>
- Contact NASA's Agency-wide program office, the Scientific and Technical Information Program Office, via
E-mail: sti+id@larc.nasa.gov
Fax: 757-864-7484
Telephone: 757-864-3592

NASA STI Program

- Helps provide the widest appropriate dissemination of NASA research results
- Is essential in helping the U.S. maintain leadership in aerospace
- Provides a mechanism to help NASA avoid duplication of research dollars

Components of the STI Program include

- NASA Headquarters STI (responsible for policy and oversight)
- NASA's Agency-wide program office, the Scientific and Technical Information Program Office—located at Langley Research Center, Hampton, Virginia (the STI Program Office is responsible for program implementation)
- Center for AeroSpace Information (CASI) in Maryland
- NASA STI Program at all NASA centers

STI Program as critical component in the aerospace community

- Collects STI from all NASA centers
- Acquires STI from over 50 countries worldwide
- Maintains largest collection of aerospace STI in the world
- Provides worldwide access to STI that increases productivity and minimizes duplication of research

STI Program Mission

- Supports the advancement of aerospace knowledge
- Contributes to U.S. competitiveness in aerospace



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What is the NASA Center for AeroSpace Information (CASI) ?



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The NASA Center for AeroSpace Information (CASI), in Maryland, has been at the core of the NASA Scientific and Technical Information (STI) Program for more than 40 years. Simply stated, CASI is a blend of people and systems that interact to acquire, process, archive, announce, and disseminate STI.

STI is input into the NASA Aeronautics and Space Database—a worldwide database containing more than 3.5 million records. Records are indexed and digitized, which are added to the database in near-real time. Publicly available STI is also input into a public interface, the NASA Technical Reports Server.

CASI offers a wide variety of services and products; NASA, government agencies, and contractors can register free of charge in order to benefit from the extensive worldwide collection of STI. CASI maintains a World Wide Web home page that also allows you to access information and products electronically.

Contact the NASA STI Help Desk at CASI for more information or to register for NASA STI services and products.

CASI

- Acquires STI that is essential to NASA in avoiding duplication of research and maintaining U.S. preeminence in aerospace
- Acquires, processes, archives, announces, and disseminates NASA and worldwide STI
- Maintains the NASA Aeronautics and Space Database of more than 3.5 million bibliographic records
- Offers a wide array of electronic services and products via the Internet
- Provides free registration to NASA, government agencies, and contractors. Others may continue their visit on the STI home page
- Provides the NASA STI Help Desk to help you locate and obtain STI

For further information

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NASA STI Program Products and Services



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The NASA Scientific and Technical Information (STI) Program offers many products and services to the aerospace community and to the public. Free registration with the program is available to NASA, government agencies, and contractors through the NASA Center for Aerospace Information (CASI). Based on organizational affiliation, each registered user has various levels of access to the STI maintained by the program. A network of information specialists at CASI provides value-added STI in a variety of ways. Following is a list of some of the products and services that can be obtained through the STI Program Web site or by contacting CASI. Many of the products and services are free and available at your desktop. The Internet URL and NASA STI Help Desk e-mail address and phone number are listed at the bottom of the page.

Products

NASA STI Report Series including

- Technical, Conference, and Special Publications
- Technical Memoranda
- Contractor Reports
- Technical Translations

Regularly released announcement bibliographies including

- *Scientific and Technical Aerospace Reports (STAR)*
- Selected Current Awareness Notices (SCAN)
- *NATO's Research and Technology Organization (RTO) Reports*
- *NASA Patent Abstracts Bibliography*
- NASA Research on CD-ROM
- *NASA Video Catalog*
- *NATO's Research and Technology Organization (RTO) Index of Publications*

Other regularly released publications including

- *STI Bulletin*
- *NASA Thesauruss*
- *Spinoff*
- University Programs Report

Services

STI Program World Wide Web services

- Internet access to the NASA Aeronautics and Space Database
- Internet access to the Spinoff database
- Online ordering of documents
- Online ordering of NASA videos
- Internet access to the NASA Image eXchange (NIX)

Other services

- Automatic and on-demand document distribution
- Custom bibliographies on demand
- Custom thesauri
- Custom database creation/maintenance
- Specialized indexing
- Database search training and support
- Reference services
- NASA STI Help Desk (STI assistance)
- Archiving of NASA STI Report Series documents

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Benefits of Publishing Through the NASA STI Program



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The benefits of publishing and archiving your NASA scientific and technical information (STI) via the NASA STI Program are important to you as a NASA employee, as an author, and as a user of STI. These advantages include domestic and international announcement of your work and wide dissemination through commercial and government sources such as the Government Printing Office (GPO) and the National Technical Information Service (NTIS). In addition, your work is made available (if appropriate, based on specified limitations) to the public, U.S. business and industry, academia, and to other government agencies. It will be included in the NASA Aeronautics and Space Database, and as appropriate, in the public interface, the NASA Technical Reports Server. This database uses subject classification and NASA Thesaurus standardized terms and indexing for powerful and quick search and retrieval. Your work will also be archived and maintained in a location that allows for managed access and dissemination through registration and exchange agreements.

STI has long been considered a competitive advantage in the international and corporate world, and it is now becoming essential to you within a government environment to stay abreast of technology and to show the benefits of your work.

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Publishing and Archiving via the NASA STI Program

- Increases exposure by announcing NASA STI to a larger population of users (showing evidence of success by citation in journal literature and other STI literature)
- Gives proof of progress by publishing individual program accomplishments, thereby helping gain additional funding
- Enhances and documents individual center's productivity (division/branch/team) through STI
- Announces your document in the NASA Aeronautics and Space Database and makes it available for greater national and international dissemination
- Provides controls for dissemination of NASA STI through export control reviews and subsequent dissemination or restriction based on this review
- Distributes your information beyond NASA and your immediate peer group
- Ensures your document or media is sent to the National Archives and Records Administration, NTIS, and Depository Libraries through GPO, as required by law
- Has an additional benefit by providing a NASA Help Desk so users can find and obtain your NASA STI
- Archives your document to ensure knowledge preservation and longer life. Some of these NASA data collections date back to 1917



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