

AIA/NAS

Publications Collection

Aerospace Industries Association of
America, Inc. / National Aerospace
Standards

Product Code Number: 340



The Source
for Critical Information and Insight™

Tech Spec

The Aerospace Industries Association (AIA) plays a key role in today's aerospace and defense industry. AIA works to solve problems and address issues faced by manufacturers and businesses across the aircraft and space industry. Experts working within AIA's technical departments (including Civil Aviation, Communications and the Aerospace Research Center, National Security, and Space Systems) bring together people from aerospace/defense industries and government agencies to shape public policy and establish goals and strategies related to our national defense, space programs, aviation, and national security.

The AIA acts as the voice of manufacturers and suppliers of civil, military, and business aircraft; helicopters; unmanned aerial vehicles (UAVs); space systems; aircraft engines; missiles; materials; and related components, equipment, services, and information technology.

AIA publications provide engineers, designers and others working for manufacturers and suppliers of aerospace and national defense systems with information designed to ensure product quality and safety.

Types of Data

The AIA Publications Collection includes active NAS, NASM, NA and NAM Standards covering the following areas:

- Aircraft Fuel Tanks
- Airframe Structural Components
- Bearings
- Bolts
- Boring Machines
- Bushings
- Drilling and Tapping Machines
- Electrical Connectors
- Electrical Insulators and Insulating Materials
- Fastening Devices
- Hand Tools
- Hardware
- Hose and Flexible Tubing

- Liquid Propellant Fuels and Oxidizers
- Metal Finishes and Finishing Processes
- Metalworking Machinery
- Nuts and Washers
- Optical Instruments, Test Equipment, Components and Accessories
- Packing and Gasket Materials
- Parachutes; Aerial Pick-up, Delivery and Recovery Systems
- Rivets
- Rubber Fabricated Materials
- Screws
- Studs
- Switches
- Wire
- And More

The following types of publications are not included in the AIA/NAS Publications Collection:

- Historical Documents
- Periodicals
- Books
- Reports
- Milestone of Flight Interactive Database
- E-Business Documents

Indexing

Subscribers to AIA/NAS receive access to the comprehensive IHS Standards Expert index (Internet users) or the Worldwide Specs & Standards index (DVD users). These indexes provide access to bibliographical records of one million standards, codes, and US Military documents. Document indexing includes organization, document number, document title, publication date, revision level, document history, page count, document language indicator, ANSI Approval indicator, DoD Adopted indicator, Federal Supply Class (FSC), International Classification System (ICS) Code, and cross-references (where applicable).

Detailed document summaries give you critical information prior to actually accessing the document. You can quickly navigate between the document summary, document abstract/scope, document history and referenced documents.

Search Methods

Advanced search and navigation technology is provided for increased retrieval speed and the ability to quickly refine search results. A variety of search options ensure you locate the specific document you need:

- Document Number
- Keyword(s) in Title, Abstract, Scope
- Organization
- Document Type/Standard Class
- International Classification System (ICS) Code
- Date Range
- Federal Supply Class (FSC)
- Section/Segment

You can further refine your search by combining any of the above search criteria. Or, filter your search for documents within your subscription, within your favorites, or the most recent revisions. Document Number and Keyword searches support wildcards and Boolean operators.

Internet Special Features

Search Complete Document Text – expand your search beyond titles and abstracts by searching the full text of hundreds of thousands of documents – even if you don't subscribe to the images.

Favorites – manage standards frequently accessed with automatic online and email Alerts for changes. Includes ability to add Notes to documents on your Favorites List for personal viewing, i.e., specific pages referenced in the standards, project/product the standards were required on, etc.

Alert (Revision) Notification – receive email notifications when documents are revised, amended or replaced ensuring compliance with ISO 9000, regulatory agencies, and other quality initiatives. Receive Alerts on documents related to a specific subject, i.e., new or revised documents on “cable assembly”.

Watch Lists (Document List Management) – allows users to create document lists for individual or project team access. Maintain Watch List documents at a specific version or update documents on your list to the most current version. Manage user access, view and edit rights for your lists. Receive Alerts for all or selected documents on your lists.

Last Documents Viewed – quickly navigate back to most recently viewed documents.

FLIS (Federal Logistics Information System) Links – provides valuable links to FLIS data to assist in locating parts that meet specifications. The FLIS cross-references National Stock Numbers (NSNs), manufacturers' part numbers, and CAGE (Commercial and Government Entity) Codes for more

than 12 million items purchased within the Federal Supply System. It includes pricing, stocking data, procurement history, CAGE supplier information, and more.

QPL/QML/QPD Links – provides valuable links to QPL (Qualified Products Lists) data, QML (Qualified Manufacturers Lists) data, and the Haystack Gold QPD (Qualified Products Database). This data lists specific part numbers that the manufacturer has demonstrated a capability to manufacture reliably and in compliance with internal requirements and the military specification's performance quality and reliability requirements.

Slash Links – a Slash Link opens a dedicated window for easy navigation of slash specifications associated with a base Military document.

Save Search – save time, simplify your research and eliminate costly mistakes by using the Save Search feature. Once your strategy is saved, you can recreate your search at any time. Receive Alerts on newly published documents that match your saved search criteria.

Download/Print Search Results – once you have performed a search, up to 1000 results can be downloaded to a Microsoft Excel worksheet. Or, print your search results for inclusion in a project folder.

User Preferences – allows you to personalize settings and the display of your search results. You can select date format, number of results per page, number of recently viewed documents, Search Filter defaults (My Subscription, Active Status and Most Recent Revision), display of DoD Adopted/ANSI Approval indicators, and even select the display language of document titles.

Organization

AIA/NAS publications are full text PDF documents.

Updating

30 Days - DVD

Daily - Internet

Format

DVD

Internet

Intranet

Extranet

Required Equipment/Software

DVD Standalone Delivery

- Windows 98SE/2000/NT/XP
- Microsoft Internet Explorer Version 5.5 or higher
- Adobe Acrobat Reader 5.0 or higher. Adobe Acrobat Reader 6.0 is recommended for improved performance.
- Pentium class processor
- 2.1GB Hard Drive Disc Space (includes space for indexes)
- 50 MB Hard Drive Disc Space (if indexes are left on the DVD)
- 128 MB RAM
- Two DVD Drives - one dedicated to the DVD index disc and one drive for images. Exception: if the indexes are installed to your hard drive, only one DVD drive is required for images.

DVD Network Delivery

- Windows 98SE/2000/NT/XP
- Microsoft Internet Explorer Version 5.5 or higher
- Adobe Acrobat Reader 5.0 or higher. Adobe Acrobat Reader 6.0 is recommended for improved performance.
- Pentium class processor
- 128 MB RAM
- 2.1 GB Hard Drive Disc Space (includes space for indexes)
- Hard Drive Disc Space for PDF Images (amount required depends on subscription collection)
- 128 MB RAM
- One DVD Drive

Internet Delivery

- Connectivity to the Internet (56K minimum if using modem)
- Web Browser such as Internet Explorer (version 5.0 or later) or Netscape Navigator/Communicator (version 5.0 or later)
- Adobe Acrobat Reader 5.0 or higher. Adobe Acrobat Reader 6.0 is recommended for improved performance.
- 128 bit cipher strength; no firewall limitations.

Customer Support

Onsite customer support and training is available using state of the art learning methodologies, educational approaches and tools that focus on improving project implementation.

Customer Support Management team and worldwide dealer network to provide regional language based training and support.

Online customer support and training utilizes WebEx, online IHS View, online help, and Product Tip Sheets.

Extensive staff of Customer Support professionals trained to provide telephone support both for product and technical questions.

Site Management

Site Management includes licensing and digital rights management in support of copyright risk mitigation. Proprietary flexible licensing model allows worldwide access to content, while supporting client budget management of projects.

Related Services

- Aeronautical Radio Inc (ARINC)
- Aerospace Industries Association of America, Inc. (AIA/NAS) Historical Collection
- American Bearing Manufacturers Association (ABMA)
- American Gear Manufacturers Association (AGMA)
- American Institute of Aeronautics and Astronautics (AIAA)
- American National Standards Institute (ANSI)
- American Society for Quality (ASQ)
- Association Connecting Electronics Industries (IPC)
- ASTM International (originally known as American Society for Testing and Materials)
- CENELEC Electronic Components Committee (CECC)

- Custom Collections (CUSTOM)
- CyberRegs: CFR and International Regulations
- Electronic Components, Assemblies & Materials Association (ECA)
- Electronic Industries Alliance (EIA)
- European Association of Aerospace Industries (AECMA)
- Government Electronics and Information Technology Association (GEIA)
- IHS Fasteners eCatalog
- IEC Quality Assessment System for Electronic Components (IECQ)
- The Institute of Electrical and Electronics Engineers, Inc. (IEEE)
- The Instrumentation, Systems and Automation Society (ISA)
- International Civil Aviation Organization (ICAO)
- International Electrotechnical Commission (IEC)
- International Organization for Standardization (ISO)
- Metal Powder Industries Federation (MPIF)
- Military Specifications and Standards
- National Electrical Manufacturer's Association (NEMA)
- Parachute Industry Association (PIA)
- SAE International
- Solid State Technology Association (JEDEC)
- Telecommunications Industry Association (TIA)
- The Society of British Aerospace Companies (SBAC)
- Reference Linking: links directly to PDF standards from your internal documents.
- Usage Reports: client usage reports to assist in charge-backs to specific divisions or departments.



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