

(R) Electronic Engine Control Specifications and Standards

1. SCOPE:

This report lists documents that aid and govern the design, development, and utilization of aerospace electronic engine control systems. The report lists the military and industry specifications and standards that are commonly used in electronic engine control system design. However, this list is not necessarily complete.

The specifications and standards section has been divided into two parts; a master list arranged numerically and a categorized list that provides a functional breakdown and cross-reference of these documents.

For specifications and standards, the issue available during the latest revision to this document is listed. Details of current revisions for many documents are available in the Department of Defense Index of Specifications and Standards (DODISS).

Additionally the list contains, when available, the date of the latest revision of the document reviewed, together with comments from the SAE E-36 committee members who reviewed the document, the intention being to aid the reader to determine the likely relevance or usefulness of the document subject matter.

1.1 Availability of Documents:

The following information pertains to the source and availability of specifications and standards.

- 1.1.1 Aeronautical Radio, Inc. (ARINC): 2551 Riva Road, Annapolis, MD 21401.
- 1.1.2 American National Standards Institute (ANSI): 11 West 42nd Street, New York, NY 10036-8002.
- 1.1.3 American Society for Testing and Materials (ASTM): 100 Barr Harbor, West Conshohocken, PA 19428-2959.

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- 1.1.4 Electronic Industries Association (EIA): 2001 Eye Street NW, Washington, DC 20006.
- 1.1.5 Institute of Electrical and Electronics Engineers (IEEE): 346 East 47th Street, New York, NY 10017.
- 1.1.6 Military Documents: Naval Publications and Forms Center, 5801 Tabor Avenue, Philadelphia, PA 19120-5099. The Department of Defense Index of Specifications and Standards, prepared by Naval Publications and Forms Center (NPFC 103), is published annually with bi-monthly cumulative supplements.
- 1.1.7 National Bureau of Standards (NBS): United States Department of Commerce, Washington, DC 20234.
- 1.1.8 RTCA Inc.: 1140 Connecticut Avenue, Suite 1020, Washington, DC 20036.
- 1.1.9 Society of Automotive Engineers, Inc. (SAE): SAE Aerospace Standards, Recommended Practices, Information Reports (AS, ARP, AIR) Index, published by SAE, Inc., 400 Commonwealth Drive, Warrendale, PA 15096.

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2. MASTER LIST OF DOCUMENTS:

2.1 Society of Automotive Engineers Documents:

TABLE 1

Document	Issue/RA Date When Reviewed	Subject	SAE E36 Member Comments
AE4L-81-2	1981-02	Test Waveforms and Techniques for Assessing the Effects of Lightning Induced Transients	Original test definitions. Superseded by RTCA/DO-160D and ARP5412
AE4L-87-3	1987-03	Recommended Draft Advisory Circular Protection of Aircraft Electrical/Electronic Systems Against the Indirect Effects of Lightning	Original basis for FAA Advisory circular. Superseded by ARP5413
AE4R-91-XX	1991-01	Recommended Draft Certification of Aircraft Electrical/Electronic Systems for Operation in the High Intensity Radiated Fields (HIRF) Environment	Field intensities are no longer up to date. New document is in process (ARP5583 Draft)
AIR64B	1992-09	Electrical and Electronic Cooling in Commercial Aircraft	Guidelines for system cooling
AIR1209	1998-12	Construction and Calibration of Parallel Plate Transmission Line for Electromagnetic Interference Susceptibility Testing	Relevant, detailed design level
AIR1255	1991-12	Spectrum Analyzers for Electromagnetic Interference Measurements	Useful guidelines on use of Spectrum Analysers
AIR1263	1991-05	Tin Plated Solderless Terminal Lugs and Splices on Nickel Coated High Temperature Wire	In use
AIR1277	1991-10	Cooling of Modern Airborne Electronic Equipment	Useful for information only at the early stage of EEC mechanical design
AIR1329A	1991-11	Electrical Connectors and Wiring, Compatibility of	OK but detailed design level

TABLE 1 (Continued)

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Document	Issue/RA Date When Reviewed	Subject	SAE E36 Member Comments
AIR1336A	1996-06	Vehicle Electrical Systems	Good primer on automotive type system considerations. Applicability to engine controls is remote.
AIR1394A	1998-12	Cabling Guidelines for Electromagnetic Compatibility	In use
AIR1402	1991-11	Common Termination Method, Electrical Wiring System, Application of	Still applicable
AIR1404	1998-12	DC Resistivity vs. RF Impedance of EMI Gaskets	Still applicable
AIR1423	1977-08	Electromagnetic Compatibility of Gas Turbine Engines for Aircraft Propulsion	Basic principles still relevant. References are a bit old. MIL-STD-461A, Notice 3 MIL-STD-462, Notice 2
AIR1425A	1998-12	Methods of Achieving Electromagnetic Compatibility of Gas Turbine Engine Accessories, for SelfPropelled Vehicles	General guidelines/system considerations
AIR1662	1998-09	Minimization of Electrostatic Hazards in Aircraft Fuel Systems	Good background material
AIR4366	1996-05	Issues and Concerns Associated with Electronic Propulsion Control System Partitioning	An introduction to system partitioning and the design/development/certification process
AIR 5060	1997-10	Electronic Engine Control Design Guide for Electromagnetic Environmental Effects	Detailed information and guidelines. Some references e.g. HIRF levels, are outdated
AMS 2422	<a href="#">2002-07</a>	Plating, Gold	Replaced MIL-G-45204
AMS-C-8837	1999-06	Coating, Cadmium(Vacuum Deposited)	Replaced MIL-C-8837
AMS-DTL-23053/15	1999-07	Insulation Sleeving, Electrical, Heat Shrinkable Polyolefin, Heavy Wall, Coated, Flexible, Outer Wall Crosslinked	Replaced MIL-I-23053
ARP826	1991-08	Electrical Computing Resolvers	Useful reference for resolver characteristics

TABLE 1 (Continued)

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Document	Issue/RA Date When Reviewed	Subject	SAE E36 Member Comments
ARP914A	1991-11	Glossary of Electrical Connection Terms	A simple glossary not particularly exciting
ARP926B	1997-06	Fault/Failure Analysis Procedure	Use ARP4761 for civil airborne systems
ARP935A	1998-09	Control Plan/Technical Construction File	EMI Control Plan Outline includes a sample plan based on MIL-STD-461D requirements
ARP1172	1991-12	Filters, Conventional, Electromagnetic Interference Reduction, General Specification for	Still applicable where large Emi filters are used
ARP1173	1991-12	Test Procedures to Measure the RF Shielding Characteristics of EMI Gaskets	Still applicable
ARP1308B	1991-11	Preferred Electrical Connectors for Aerospace Vehicles and Associated Equipment	Not very useful. Does not include 38999 type III or IV
ARP1350	1991-11	Procedure for Installation and Mounting of Singlehole Mount, Cylindrical, Electrical Connectors	Still relevant. Somewhat detailed
ARP1481A	1998-09	Corrosion Control and Electrical Conductivity in Enclosure Design	Still applicable but has extensive references to Cadmium plating which is increasingly forbidden
ARP1705	1991-12	Coaxial Test Procedure to Measure the RF Shielding Characteristics of EMI Gasket Materials	Still applicable
ARP1892B	1997-12	Electrical Connectors for Use in Battery Powered Ground Support Equipment	Doesn't seem relevant to Electronic Controls.
ARP4714	1999-10	External Software Loading of Electronic Engine Controls	Guidelines for development of the procedure
ARP4754	1996-11	Certification Considerations for Highly-Integrated or Complex Aircraft Systems	Focuses on overall system safety assurance process

TABLE 1 (Continued)

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Document	Issue/RA Date When Reviewed	Subject	SAE E36 Member Comments
ARP4761	1996-12	Guidelines and Methods for Conducting the Safety Assessment Process on Civil Airborne Systems and equipment	Detailed information on safety assessment process and analysis methods
ARP4874	1995-10	Electronic Propulsion Control/ Aircraft Interface Control Documents	Guidelines for ICD content and document format
ARP5107	1997-06	Guidelines for Time-Limited-Dispatch (TLD) Analysis for Electronic Engine Control Systems	Industry standard for TLD analysis
ARP5412	1999-01	Aircraft Lightning Environment and Related Test Waveforms	Latest, current, industry definition
ARP5413	1999-01	Certification of Aircraft Electrical/ Electronic Systems for the Indirect Effects of Lightning	Latest, current, industry guidelines
ARP5414	1999-12	Aircraft Lightning Zoning	Useful for understanding lightning phenomena
ARP5415A	2002-04	Users Manual for Certification of Aircraft Electrical/Electronic Systems for the Indirect Effects of Lightning	Provides additional guidelines for the tests of ARP5413 and RTCA/DO-160
ARP5583	2003-01	Guide to Certification of Aircraft in a High-Intensity Radiated Field (HIRF) Environment	Latest HIRF Users Guide
AS29	1996-11	Ignition Shielding, Aircraft	Non-current . Not recommended for new designs
AS654	1994-06	Cable, Special Purpose, Electrical: Wire, Electrical (Ignition, high-tension)	Standards for ignition cables of internal combustion engines
AS9000	1997-05	Aerospace Basic Quality System Standard	Aerospace clone of QS9000 applicable to COTS supplier control
AS8700	1999-08	Installation and Test of Electronic Equipment in Aircraft, General Specification for	Replaced MIL-I-8700
AS50881B	2003-08	Wiring, Aerospace Vehicle	Replaced MIL-W-5088

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2.2 Other Documents:

TABLE 2

Document	Date	Subject/Title
ANSI Y32.16	1975	Reference Designators for Electrical and Electronic Parts and Equipment refers to IEEE 200-1975
ARINC 429		Transfer of Digital Data Between All Systems in the Air Transport Industry (Mark 33 Digital Information Transfer System)
ARINC 600-12	1998-11	Air Transport Avionics Equipment Interfaces
ARINC 601	1981-02	Control/Display Interface (Appendix I)
ARINC 604-1	1988-10	Guidance for the Design and Use of BuiltIn Test Equipment (BITE)
ARINC 607-3	1998-08	OnBoard Replaceable Modules
ARINC 613	1988-01	Guidance for Using ADA in Avionics Design
ARINC 615-3	1992-08	Airborne Computer High Speed Data Loader
ARINC 615AP1	1999-12	Software Data Loader Using Ethernet Interfaces, Part 1, Physical Standards and Protocols
ARINC 615AP2	1999-12	Software Data Loader Using Ethernet Interfaces, Part 2, Loadable Software Standards
ARINC 616-3	1985-07	Avionics Subset of Atlas Test Language (Same as IEEE 41684)
ARINC 629	1999-02	MultiTransmitter Data Bus
ASME Y14.24M	1989-01	Types and Application of Engineering Drawings
ASME Y14.34M	2002	Associated Lists
ASME Y14.35M	2003	Revision of Engineering Drawings and Associated Documents
ASTM D 910A	2003	Standard Specification for Aviation Gasolines
ASTM D 5948	1996-04	Standard Specification for Molding Compounds, Thermosetting E1-1996
ASTM SI 10	1997-02	Standard for Use of the International System of Units (SI)
IPC T-50	2003-12	Terms and Definitions for Interconnecting and Packaging Electronic Circuits
IPC D-275	1991-09	Design Standard for Rigid Printed Boards and Rigid Printed Board Assemblies
IPC 2221	2003-05	Generic Standard for Printed Board Design
IPC 2223	1998-11	Sectional Design Standard for Flexible Printed Boards
IEEE C63.14	1998-10	American National Standard Dictionary for Technologies of Electromagnetic Compatibility (EMC), Electromagnetic Pulse (EMP), and Electrostatic Discharge (ESD)
IEEE 200-1975	1975	Electrical and Electronic Parts and Equipment, Reference Designators for
IEEE 416-84	1984	Atlas Test Language (Same as ARINC 616)
IEEE/EIA 12207	1998	Standard for Information Technology – Software Life Cycle Processes
ISO 10012-1	2002	Quality Assurance Requirements for Measuring Equipment

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TABLE 2 (Continued)

Document	Date	Subject/Title
TIA/EIA-232	2002	Interface Between Data Terminal Equipment and Data Circuit Terminating Equipment Employing Serial Binary Data Exchange (RS232)
TIA/EIA-422	2000	Electrical Characteristics of Unbalanced Voltage Digital Interface Circuits (RS422)
J-STD-004,	1995	Requirements for Soldering Fluxes
J-STD-005	1995	Requirements for Soldering Pastes
J-STD-006A	2001	Requirements for Electronic Grade Solder Alloys and Fluxed and Non-Fluxed Solid Solders for Electronic Soldering Applications
RTCA/DO-160D	1997-07	Environmental Conditions and Test Procedures for Airborne Electrical/ Electronic Equipment and Instruments
RTCA/DO-178B	1992-12	Software Considerations in Airborne Systems and Equipment Certification
RTCA/DO-254	2000-04	Design Assurance Guidelines for Airborne Electronic Hardware
WC 27500	2000-01	Standard for Aerospace and Industrial Electrical Cable
Z540.1	2002	Calibration Laboratories and Measuring and Test Equipment - General Requirements

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2.3 Federal and Military Documents:

TABLE 3

Document	Subject/Title
DOD-D-1000	Drawings, Engineering and Associated Lists(inactive for new design as of 1 Jul 90). Refer to MIL-DTL-31000B
MIL-HDBK-263	Electrostatic Discharge Control Handbook for Protection of Electrical and Electronic Parts, Assemblies and Equipment (Excluding Electrically Initiated Explosive Devices) Metric
MIL-HDBK-863	Wiring Data and System Schematic Diagrams, Preparation of
MIL-STD-1686	Electrostatic Discharge Control Program for Protection of Electrical and Electronic Parts, Assemblies and Equipment (Excluding Electrically Initiated Explosive Devices) Metric
DOD-STD-2167	Defense System Software Development – Superseded by IEEE/EIA 12207, 12207.1, 12207.2
MIL-E-5007	Engines, Aircraft, Turbojet and Turbofan, General Specification for
MIL-DTL-5015H Sup 1	Connectors, Electrical, Circular Threaded, AN Type, General Specification for
MIL-B-5087	Bonding, Electrical, and Lighting Protection, for Aerospace Systems Superseded by MIL-STD-464
MIL-W-5088	Wiring, Aerospace Vehicle – Inactive – Use SAE AS50881A
MIL-E-5400	Electronic Equipment, Aerospace, General Specification for
MIL-C-5541	Chemical Conversion Coatings on Aluminum and Aluminum Alloys
MIL-DTL-5624T	Turbo Fuel, Aviation, Grades JP4 and JP5
MIL-PRF-7024E	Calibrating Fluid, Aircraft Fuel System Components
MIL-STD-7179	Finishes and Coatings, Protection of Aerospace Weapons Systems, Structures and Parts, General Specification for
MIL-I-8500	Interchangeability and Replaceability of Component Parts for Aircraft and Missiles
MIL-E-8593	Engines, Aircraft, Turboshaft and Turboprop, General Specification for
MIL-A-8625	Anodic Coatings for Aluminum and Aluminum Alloys
MIL-DTL-16878G	Wire, Electrical, Insulated, General Specification for
MIL-PRF-19500M	Semiconductor Devices, General Specification for
MIL-C-21097	Connector, Electrical Printed Wiring Board, General Purpose, General Specification for
MIL-C-22520	Crimping Tools, Terminal, Hand or Power Actuated, Wire Termination
MIL-I-24768/1	Insulation Plastics, Laminated, Thermosetting, Glass Cloth, Melamine Resin
MIL-DTL-25038	Wire, Electrical, High Temperature and Fire Resistant, General Specification for

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TABLE 3 (Continued)

Document	Subject/Title
MIL-M-38510	Microcircuits, General Specification for (Inactive for new Designs)
MIL-C-38999	Connector, Electrical, Circular, Miniature, High Density, Quick Disconnect (etc.), General Specification for
MIL-I-46058	Insulating Compound, Electrical (for Coating Printed Circuit Assemblies) Inactive for new designs
MIL-P-50884	PrintedWiring, Flexible and RigidFlex
MIL-PRF-55110	Printed Wiring Boards, General Specification for (Inactive for new designs)
MIL-C-55302	Connector, Printed Circuit Subassembly and Accessories
MIL-W-81822	Wire, Electrical, Solderless Wrap, Extruded EthyleneTetrafluorethylene (ETFE) Insulation, Silver Coated Solid Conductor
MIL-C-83723	Connectors, Electrical, (Circular, Environment Resisting) Receptacles and Plugs, General Specification for
MIL-DTL-31000B	Technical Data Packages (14 Dec 2001)
MIL-HDBK-189	Reliability Growth Management
MIL-HDBK-217	Reliability Prediction of Electronic Equipment
MIL-HDBK-237C	Electromagnetic Environmental Effects and Spectrum
MIL-HDBK-338	Electronic Reliability Design Handbook
MIL-HDBK-472	Maintainability Prediction
MIL-HDBK-502	Acquisition Logistics
MIL-HDBK-759	Human Factor Engineering Design for Army Material
MIL-HDBK-781	Reliability Test Methods, Plans and Environments for Engineering Development, Qualification and Production
MIL-PRF-31032	Printed Circuit Board/Printed Wiring Board, General Specification for
MIL-PRF-38534	Hybrid Microcircuits, General Requirements for
MIL-PRF-49506	Logistics Management Information
MIL-STD-129	Marking for Shipment and Storage
MIL-STD-130	Identification Marking of U.S. Military Property
MIL-HDBK-310	Global Climatic Data for Developing Military Products
MIL-HDBK-505	Definitions of Item Levels, Item Exchangeability, Models, and Related Terms
MIL-HDBK-454	Standard General Requirements for Electronic Equipment
MIL-STD-461E	Electromagnetic Emission and Susceptibility Requirements for the Control of Electromagnetic Interference
MIL-STD-464	Electromagnetic Environmental effects Requirements for Systems
MIL-HDBK-470	Designing and Developing Maintainable Products andSystems Vol 1 and Vol 2
MIL-HDBK-471	Maintainability Verification/Demonstration/Evaluation

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TABLE 3 (Continued)

Document	Subject/Title
MIL-STD-961	Defense Specifications
MIL-STD-704	Aircraft Electric Power Characteristics
MIL-STD-750	Test Methods for Semiconductor Devices
MIL-HDBK-781	Reliability Tests, for Engineering, Development, Qualification, and Production
MIL-STD-810	Environmental Test Methods
MIL-STD-882	System Safety Program Requirements
MIL-STD-883	Test Methods and Procedures for Microelectronics
MIL-STD-889	Dissimilar Metals
MIL-HDBK-1250	Corrosion Prevention and Deterioration Control in Electronic Components and Assemblies
MIL-STD-1285	Marking of Electrical and Electronic Parts
MIL-STD-1472	Human Engineering Design Criteria
MIL-STD-1553	Digital Time Division Command/Response Multiplex Data Bus
MIL-HDBK-1568	Materials and Processes for Corrosion Prevention and Control in Aerospace Weapons Systems
MIL-STD-1750	Sixteen Bit Computer Instruction Set Architecture
MIL-STD-1773	Fiber Optics Mechanization of an Aircraft Internal Time Division Command/Response Multiplex Data Bus
MIL-STD-2073	Standard Practice for Military Packaging
MS-25083	Jumper Assembly, Electric, Bonding and Current Return
NBS MONOGRAPH 125	Thermocouple Reference Tables

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3. CATEGORIZED LIST PROVIDING FUNCTIONAL BREAKDOWN:

3.1 Documents Relating to Electromagnetic Compatibility (EMI/HIRF and Lightning):

TABLE 4

Document	Subject
AE4L-81-2	Test Waveforms and Techniques for Assessing the Effects of Lightning Induced Transients
AE4L-87-3	Recommended Draft Advisory Circular Protection of Aircraft Electrical/Electronic Systems Against the Indirect Effects of Lightning
AE4R-91-XX	Recommended Draft Certification of Aircraft Electrical/Electronic Systems for Operation in the High Intensity Radiated Fields (HIRF) Environment
AIR1209	Construction and Calibration of Parallel Plate Transmission Line for Electromagnetic Interference Susceptibility Testing
AIR1255	Spectrum Analyzers for Electromagnetic Interference Measurements
AIR1394A	Cabling Guidelines for Electromagnetic Compatibility
AIR1404	DC Resistivity vs. RF Impedance of EMI Gaskets
AIR1423	Electromagnetic Compatibility of Gas Turbine Engines for Aircraft Propulsion
AIR1425A	Methods of Achieving Electromagnetic Compatibility of Gas Turbine Engine Accessories, for SelfPropelled Vehicles
AIR1662	Minimization of Electrostatic Hazards in Aircraft Fuel Systems
AIR5060	Electronic Engine Control Design Guide for Electromagnetic Environmental Effects
ARP935A	Control Plan/Technical Construction File
ARP1172	Filters, Conventional, Electromagnetic Interference Reduction, General Specification for
ARP1173	Test Procedures to Measure the RF Shielding Characteristics of EMI Gaskets
ARP1705	Coaxial Test Procedure to Measure the RF Shielding Characteristics of EMI Gasket Materials
ARP5412	Aircraft Lightning Environment and Related Test Waveforms
ARP5413	Certification of Aircraft Electrical/Electronic Systems for the Indirect Effects of Lightning
ARP5414	Aircraft Lightning Zoning
ARP5415A	Users Manual for Certification of Aircraft Electrical/Electronic Systems for the Indirect Effects of Lightning
ARP5583	Guide to Certification of Aircraft in a High Intensity Radiated Field (HIRF) Environment
AS29	Ignition Shielding, Aircraft
RTCA/DO-160D	Environmental Conditions and Test Procedures for Airborne Electrical/Electronic Equipment and Instruments

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TABLE 4 (Continued)

Document	Subject
DOD-HDBK-263	Electrostatic Discharge Control Handbook for Protection of Electrical and Electronic Parts, Assemblies and Equipment (Excluding Electrically Initiated Explosive Devices) Metric
DOD-STD-1686	Electrostatic Discharge Control Program for Protection of Electrical and Electronic Parts, Assemblies and Equipment (Excluding Electrically Initiated Explosive Devices) Metric
DOD-STD-1795	Lightning Protection of Aerospace Vehicles and Hardware
MIL-B-5087	Bonding, Electrical, and Lightning Protection, for Aerospace Systems
MIL-E-6051	Electromagnetic Compatibility, Requirements for Systems
MIL-HDBK-237C	Electromagnetic Environmental Effects and Spectrum
MIL-STD-461E	Electromagnetic Emission and Susceptibility Requirements for the Control of Electromagnetic Interference
MIL-STD-464	Electromagnetic Environmental effects Requirements for Systems

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3.2 Documents Relating to Software:

TABLE 5

Document	Subject
AIR4366	Issues and Concerns Associated with Electronic Propulsion Control System Partitioning
ARINC 613	Guidance for Using ADA in Avionics Design
ARINC 615-3	Airborne Computer High Speed Data Loader
ARINC 615AP1	Software Data Loader Using Ethernet Interfaces, Part 1, Physical Standards and Protocols
ARINC 615AP2	Software Data Loader Using Ethernet Interfaces, Part 2, Loadable Software Standards
ARINC 616	Atlas Test Language (Same as IEEE 41684)
ARP4714	External Software Loading of Electronic Engine Controls
IEEE 41684	Atlas Test Language (Same as ARINC 616)
IEEE 12207	Standard for Information Technology – Software Life Cycle Processes
RTCA/DO-178B	Software Considerations in Airborne Systems and Equipment Certification

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3.3 Documents Relating to Communication:

TABLE 6

Document	Subject
ARINC 429	Transfer of Digital Data Between All Systems in the Air Transport Industry (Mark 33 Digital Information Transfer System)
ARINC 600-12	Air Transport Avionics Equipment Interfaces
ARINC 601	Control/Display Interface (Appendix I)
ARINC 629	MultiTransmitter Data Bus
EIA RS-232	Interface Between Data Terminal Equipment and Data Circuit Terminating Equipment Employing Serial Binary Data Exchange
EIA RS-422	Electrical Characteristics of Unbalanced Voltage Digital Interface Circuits
MIL-STD-1553	Digital Time Division Command/Response Multiplex Data Bus
MIL-STD-1773	Fiber Optics Mechanization of an Aircraft Internal Time Division Command/Response Multiplex Data Bus

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3.4 Documents Relating to Documentation or Configuration Control:

TABLE 7

Document	Subject
ARP926B	Fault/Failure Analysis Procedure
ARP935	Suggested EMI Control Plan Outline
ARP4761	Guidelines and Methods for Conducting the Safety Assessment Process on Civil Airborne Systems and equipment
ARP4874	Electronic Propulsion Control/Aircraft Interface Control Documents
ARP5107	Guidelines for Time-Limited-Dispatch (TLD) Analysis for Electronic Engine Control Systems
ASME Y14.24M	Types and Application of Engineering Drawings
ASME Y14.34M	Associated Lists
ASME Y14.35M	Revision of Engineering Drawings and Associated Documents
ASTM SI 10	Standard for Use of the International System of Units (SI).
DOD-D-1000	Drawings, Engineering and Associated Lists
MIL-DTL-31000	Technical Data Packages
MIL-HDBK-863	Wiring Data and System Schematic Diagrams, Preparation of
MIL-STD-129	Marking for Shipment and Storage
MIL-STD-130	Identification Marking of U.S. Military Property
MIL-STD-961	Defense Specifications
MIL-STD-785	Reliability Program for Systems and Equipment Development and Production
MIL-STD-1285	Marking of Electrical and Electronic Parts