

MIL-C-18244A(AS)  
AMENDMENT 1  
18 August 1993

MILITARY SPECIFICATION

CONTROL AND STABILIZATION SYSTEM: AUTOMATIC,  
PILOTED AIRCRAFT, GENERAL SPECIFICATION FOR

This amendment forms a part of MIL-C-18244A(AS), dated 1 December 1962, and is approved for use by the Naval Air Systems Command, Department of the Navy and is available for use by all Departments and Agencies of the Department of Defense.

PAGE 1

2.1: Delete and substitute:

"2.1 Government documents."

"2.1.1 Specifications and standards. The following specifications form a part of this document to the extent specified herein. Unless otherwise specified, the issues of these documents are those listed in the issue of the Department of Defense Index of Specifications and Standards DODISS and supplement thereto, cited in the solicitation (see 6.2)."

2.1: Delete the following cancelled documents:

"JAN-I-225"

"JAN-T-781"

"MIL-E-4682"

"MIL-E-5272"

"MIL-I-6181"

"MIL-L-6880"

Bottom of page: Delete "FSC N/A" and page number "1" and insert below documents list:

Beneficial comments (recommendations, additions, deletions) and any pertinent data which may be of use in improving this document should be addressed to: Commanding Officer, Naval Air Warfare Center Aircraft Division Lakehurst, Systems Requirements Department Code SR3, Lakehurst, NJ 08733-5100, by using the self-address Standardization Improvement Proposal (DD Form 1426) appearing at the end of this document or by letter.

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2.1: Delete the following cancelled documents:

"MIL-D-8706"  
"MIL-E-19600"  
"MIL-R-22256"  
"MIL-R-23094"

Move "MIL-H-7793" to its correct numerical position below "MIL-E-7080".

2.1.1: Add the following superseding documents under "MILITARY" in their correct numerical order:

"MIL-E-1	Electron Tubes, General Specification for"
"MIL-T-781	Terminal; Wire Rope Swaging"
"MIL-T-5422	Testing, Environmental, Airborne Electronic and Associated Equipment"
"MIL-S-8805	Switches and Switch Assemblies, Sensitive and Push (Snap Action), General Specification for"
"MIL-S-8805/1	Switches, Sensitive, SPDT, Unsealed"
"MIL-S-19500	Semiconductor Device, General Specification for"

2.1.1: Add the following superseding documents under "STANDARDS" in their correct numerical order:

"MIL-STD-200	Electron Tubes, Selection of"
"MIL-STD-461	Electromagnetic Emission and Susceptibility Requirements for the Control of Electromagnetic Interference"
"MIL-STD-462	Electromagnetic Interference Characteristics Measurements of"
"MIL-STD-701	Lists of Standard Semiconductor Devices"
"MIL-STD-781	Reliability Testing for Engineering Development Qualification and Production"
"MIL-STD-810	Environmental Test Methods and Engineering Guidelines"
"MIL-STD-838	Lubrication of Military Equipment"

2.1.1: Add the following parenthetical statement below last document listed below "STANDARDS" list:

"(Unless otherwise Indicated, copies of federal and military specifications, standards and handbooks are available from the Standardization Documents Order Desk, Building 4D, 700 Robbins Avenue, Philadelphia, PA 19111-5094)"

2.2: Delete paragraph and substitute:

"2.1.2 Other Government documents. The following other Government document form a part of this document to the extent specified herein. Unless otherwise specified, the issues are those cited in the solicitation.

NAVAL AIR SYSTEMS COMMAND

SD 8706 Design Examination, Engineering, Aircraft Weapons Systems General  
Specification for"

Add paragraph as follows:

"2.2 Order of precedence. In the event of a conflict between the text of this document and the references cited herein (except for related MS standards), the text of this document takes precedence. Nothing in this document, however, supersedes applicable laws and regulations unless a specific exemption has been obtained."

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3.1.1.6.1, line 4, delete "Specification MIL-E-5272" and substitute "MIL-STD-810".

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3.3.1, line 3, delete "MIL-E-4682" and substitute MIL-STD-200, MIL-STD-701, MIL-E-1, MIL-T-19500. Seventh line, delete whole sentence.

3.3.1.3, first sentence, delete "JAN-S-63, or MIL-S-6743" and substitute "MIL-S-8805/1, or MIL-S-8805".

3.3.1.4, delete and substitute:

"3.3.1.4 Electron devices. Electron devices not specifically designated in the equipment detail specification or contract shall be selected and applied from MIL-STD-200, MIL-STD-701, and Navy Supplement to MIL-STD-200, and shall be in accordance with the requirements of the applicable specification (MIL-E-I or MIL-T-19500)."

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3.3.1.7, line 2, delete "conforming to specification MIL-E-19600"

3.3.1.9, line 2, delete "MIL-L-6880" and substitute "MIL-STD-838".

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3.5.1, line 8, delete last sentence.

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Add the following paragraphs and renumber "4.1" to "4.2" and subsequent paragraphs accordingly.

"4.1 Responsibility for inspection. Unless otherwise specified in the contract or purchase order, the contractor is responsible for the performance of all Inspection requirements (examinations and tests) as specified herein. Except as otherwise specified in the contract or purchase order, the contractor may use his own or any other facilities suitable for the performance of the inspection requirements specified herein, unless disapproved by the Government. The Government reserves the right to perform any of the inspections set forth in this specification where such inspections are deemed necessary to ensure supplies and services conform to prescribed requirements."

"4.1.1 Responsibility for compliance. All items shall meet all requirements of section 3 and 5. The Inspection set forth in this specification shall become a part of the contractor's overall inspection system or quality program. The absence of any inspection requirements in the specification shall not relieve the contractor of the responsibility of ensuring that all products or supplies submitted to the Government for acceptance comply with all requirements of the contract. Sampling inspection, as part of manufacturing operations, is an acceptable practice to ascertain conformance to requirements, to requirements, however, this does not authorize submission of known defective material, either indicated or actual, nor does it commit the Government to accept defective material."

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4.3.5, line 4, delete "MIL-E-5272" and substitute "MIL-STD-810".

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4.3.5.3, line 7, delete "Specification MIL-I-6181" and substitute "MIL-STD-461 and MIL-STD-462". Eight line, delete "Specification MIL-I-6181" and substitute "MIL-STD-461 and MIL-STD-462".

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4.4.3, line 3, delete "Specification MIL-R-23094" and substitute "MIL-STD-781."

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Section 6, add the following parenthetical note below the heading "NOTES":

"(This section contains information of a general or explanatory nature that may be helpful but is not mandatory)"

Section 6: add the following paragraph and renumber the subsequent accordingly:

"6.2 Acquisition requirements. Acquisition documents must specify the following:

a. Title, number, and date of the specification.

b. Issue of DODISS to be cited in the solicitation, and if required, the specific issue of individual documents referenced (see 2.1)."

6.3: delete and substitute:

Additional information on "Microelectronic Modular Assemblies" and "Aircraft Electronic Maintainability" will be available upon application to the Commander, Naval Air Systems Command, Air 53014 Washington, D.C. 20361"

Add paragraph as follows:

"6.5 Subject term (key word) listing."

"Automated Flight Equipment"

"Automated Flight Guidance"

"Automated Flight Navigation"

"Automated Flight Systems"

"Microelectronic Modular Assemblies"

MIL-C-18244A(AS)  
AMENDMENT 1

Custodians:  
Navy - AS

Preparing activity  
Navy - AS  
(Project 1680-N612)

Review activities:  
Army - AV