

MIL-E-18927E(AS)
AMENDMENT 2
19 December 1986
SUPERSEDING
AMENDMENT 1
31 May 1985

MILITARY SPECIFICATION
ENVIRONMENTAL CONTROL SYSTEMS, AIRCRAFT,
GENERAL REQUIREMENTS FOR

This amendment forms a part of Military Specification MIL-E-18927E(AS), dated 18 August 1983, and is approved for use within 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

Document identifier, under SUPERSEDING: Add "MIL-H-18325B, 4 May 1959".

1.1, line 4: Delete "mositure" and substitute "moisture".

Beneficial comments note, lines 3 & 4: Delete "Engineering Specifications and Standards Department (ESSD)" and substitute "Systems Engineering and Standardization Department (SESD)".

PAGE 6

3.2.1.3, line 1: Delete "occurence" and substitute "occurrence".

3.2.2, line 2: Delete "are" and substitute "shall be as".

PAGE 8

3.3.2.1, line 3: After "their", add "Government".

PAGE 9

3.4.1.5, line 5: Delete "figure 1" and substitute "figure 2"

3.4.2.1, line 5: Delete "Particular attention shall be given to the design of".

line 6: After "supply", add "shall be designed".

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3.4.2.2, lines 8 and 9: Delete "In addition to the above requirements".

3.4.2.2.2, line 2: Delete "required by" and substitute "specified in". Delete "covering the equipment involved."

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3.4.2.3.1, line 10: Delete "Particular attention shall be given to preventing the".

line 11: After "eyes", add "shall be prevented".

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3.4.3, line 2: Delete "following". After "requirements", add "specified in 3.4.3.1 and 3.4.3.2".

PAGE 15

3.4.4.2.1, line 7: Delete "not exceed" and substitute "be not greater than".

line 13: Delete "exceed" and substitute "are greater than".

line 15: Delete "provided" and substitute "specified".

3.4.4.2.2, line 5: Delete "exceed" and substitute "are greater than".

3.4.4.2.3, line 3: Delete "exceeding" and substitute "greater than".

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Figure 4: Delete "cover #3" and substitute "curve #3".

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3.4.4.3.1, line 17: Delete "exceed" and substitute "are greater than".

3.4.4.4.1, line 2: Delete "be able to provide" and substitute "meet".

line 3: Delete "and subparagraphs" (two places). After "3.4.4.2", add "through 3.4.4.2.3". After "3.4.4.3", add "through 3.4.4.3.3".

PAGE 18

3.4.4.5.2, line 3: Delete "exhanger" and substitute "exchanger".

line 4: Delete "450°F (232°C)" and substitute "350°F (177°C)".

3.4.4.5.4, line 3: After "heater", add "or".

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3.4.8.1.1, line 5: Delete "valve" and substitute "value".

3.4.8.1.1.1, line 7: Delete "3.4.3.3.2" and substitute "3.4.4.5.2".

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3.4.8.1.2, lines 3 and 4: Delete "Avionics requirements are specified in 3.4.4.2.1".

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3.4.9.1, line 7: Delete "be capable of". Delete "preventing" and substitute "prevent".

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3.4.9.5.1, line 5: Delete "valve" and substitute "value".

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3.4.9.7, line 2: Delete "electonics" and substitute "electronics".

PAGE 25

3.5.3.1, line 8: Delete "deactivaated" and substitute "deactivated".

line 16: Delete "shutof" and substitute "shutoff".

PAGE 26

3.5.3.7, lines 2 and 3: Delete "temperatures and pressures" and substitute "temperatures, pressures and operating environments".

PAGE 27

3.5.3.9, line 8: Delete "a minimum of" and substitute "not less than".

3.5.3.10, line 2: Delete "a minimum of" and substitute "not less than".

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3.5.3.13.3, line 2: Delete "(Aer)".

PAGE 31

3.11.1, line 2: Delete "is" and substitute "shall be".

3.11.2, line 1: Delete "The objective of the".

line 2: Delete "is" and substitute "shall be prepared".

PAGE 32

3.11.3, line 1: After "be", add "prepared and".

4.2, lines 1 and 2: Delete "and testing of environmental system and components thereof shall be" and substitute "requirements specified herein are".

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6.2.1g: Delete "required" and substitute "required".

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Preparing activity:
NAVY - AS
(Project 1660-N564)