

NOT MEASUREMENT SENSITIVE
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MIL-PRF-83495B  
AMENDMENT 1  
16 March 1998

**PERFORMANCE SPECIFICATION  
TECHNICAL MANUALS—ON-EQUIPMENT MAINTENANCE  
MANUAL SET**

This amendment forms a part of MIL-PRF-83495B, dated 1 March 1996, and is approved for use by the Department of the Air Force and is available for use by all Departments and Agencies of the Department of Defense.

1. The attached insertable replacement pages listed below are replacements for stipulated pages. When the new pages have been inserted in the document, insert the amendment as the cover sheet to the specification.

NEW PAGE	DATE	SUPERSEDED PAGE	DATE
29	16 March 1998	29	1 March 1996
30	16 March 1998	30	1 March 1996
31	16 March 1998	31	1 March 1996
32	16 March 1998	32	1 March 1996

2. Text substitutions shall be accomplished as follows:

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Paragraph 3.4.2.2: Add to paragraph, "Function and task title text shall not be underlined."

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Paragraph 3.4.2.4: Replace last sentence with, "If the proposed JG manual exceeds these page limitations, it shall be divided at lowest level nearest the complete function. Tasks shall not be divided unless absolutely necessary. The contractor's recommended breakout shall be approved by the acquiring activity on a case-by-case basis."

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Paragraph 3.4.3.1.1:

Add, to the first sentence, between the words "...for the listed LRU or item" and before the comma, "(if a function consists of only one task, only the function shall be listed)".

Add to sentence ending, "...manuals in that series." the words, "...; page numbers shall not be listed for other manuals."

Add to the last sentence, "...; paragraph or task numbers shall not be listed

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Paragraph 3.4.3.2.1.1: Add, before the last sentence, "Optional headings shall not be listed if not used."

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Paragraph 3.4.3.2.1.1.7: After the title, "Checklist requirements." add, "(Optional)."

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Paragraph 3.4.3.2.1.2: Add new first sentence, "Tasks shall begin on a left-hand page."

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Paragraph 3.4.3.2.1.2.1 e: In "Step 7, SPECIAL INSTRUCTION." change the word "insure" to "ensure".

Paragraph 3.4.3.2.1.2.2: Add sentence to the end of the paragraph, "To conserve space, follow-on maintenance reference information may be listed on the same page and immediately following the last task text, space permitting."

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Paragraph 3.4.3.2.1.3 e: Delete and substitute, "Figure numbers shall not be used for JG task illustrations.

Paragraph 3.5.2.3: Change the end of the sentence reading, "... the chapters shall be subsystem oriented." to read, "... the chapters shall be sectionalized by subsystem."

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Paragraph 3.5.5.1: To the sentence ending with, "...contents shall refer to SSSNs" delete the period and add, "or page numbers as required, e.g., single manual: SSSNs; system oriented manuals: page numbers."

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Paragraph 3.5.5.6: Last sentence, delete, "or manual."

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NOTE: Updated standard generalized markup language (SGML) documents supporting this amendment are available from the PA or on the World Wide Web page: <http://wpcds01.wpafb.af.mil>.

CONCLUDING MATERIAL

Custodian:  
Air Force - 16

Preparing Activity:  
Air Force - 16  
(Project No. TMSS-F638)

Review Activities:  
Air Force - 01, 10, 99



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1F-1A-2-21JG20-1

**2-2. ELECTRONIC EQUIPMENT COOLING SET MODULATING VALVE  
ASSEMBLY, 2121FV1, REMOVAL AND INSTALLATION.**

INPUT CONDITIONS

Applicability: All

Required Conditions:

- Aircraft safe for maintenance (JG10-30-01)
- Gun barrels removed (JG94-51-02)
- Gun trough access cover B removed (General Maintenance)
- Cockpit cold air check valve removed (JG21-22-11)
- UHF radio control removed (JG23-22-06)
- Closeout panel A removed (General Maintenance)
- Gun trough access cover A removed (General Maintenance)

Personnel Recommended: Two

- Technician A performs removal and installation of valve.
- Technician B assists in removal and installation of valve (access panel 2405).

**21-21-02**

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FIGURE 2. Example jog guide input conditions page.

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of MIL-PRF-83495B  
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**TO 1F-1A-2-21JG-20-1**

**2-2. (Contd)**

**Support Equipment:**

Adapter Hose, Part No. 16A41006-1  
 Generator Set, Type A/M32A-60A or equivalent  
 Maintenance Platform, Type B-1 or equivalent  
 Torque Wrench (torque range 0-80 inch-pounds)

**Consumables:**

Nomenclature	Specification/ PN	CAGE Code	Use	Reference
Cheesecloth or equivalent	CCC-C-123	20999	AR	2-2-2
Grease, Pneumatic	MIL-G-1234	81349	AR	2-2-2
Leak Detec- tion Compound	MIL-L-12345	81349	AR	2-2-2
Packing	MS1234-04	81352	1	2-2-2
Tape, Elec- trical Lacing	DPS 3CL AR	00768	1	2-2-2

**Safety Conditions:** None

**Additional Data:**

Reference	Purpose
TO 1F-1A-2-00GE-00-1	To prepare surfaces for electrical bonding

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FIGURE 2. Example job guide input condition page - Continued.

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ASSEMBLY, 2121FV1, REMOVAL AND INSTALLATION.**

**INPUT CONDITIONS**

Applicability: All

**Required Conditions:**

- Aircraft safe for maintenance (JG10-30-01)
- Gun barrels removed (JG94-51-02)
- Gun trough access cover B removed (General Maintenance)
- Cockpit cold air check valve removed (JG21-22-11)
- UHF radio control removed (JG23-22-06)
- Closeout panel A removed (General Maintenance)
- Gun trough access cover A removed (General Maintenance)

**Personnel Recommended: Two**

- Technician A performs removal and installation of valve.
- Technician B assists in removal and installation of valve (access panel 2405).

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FIGURE 3. *Example job guide task.*

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of MIL-PRF-83495B  
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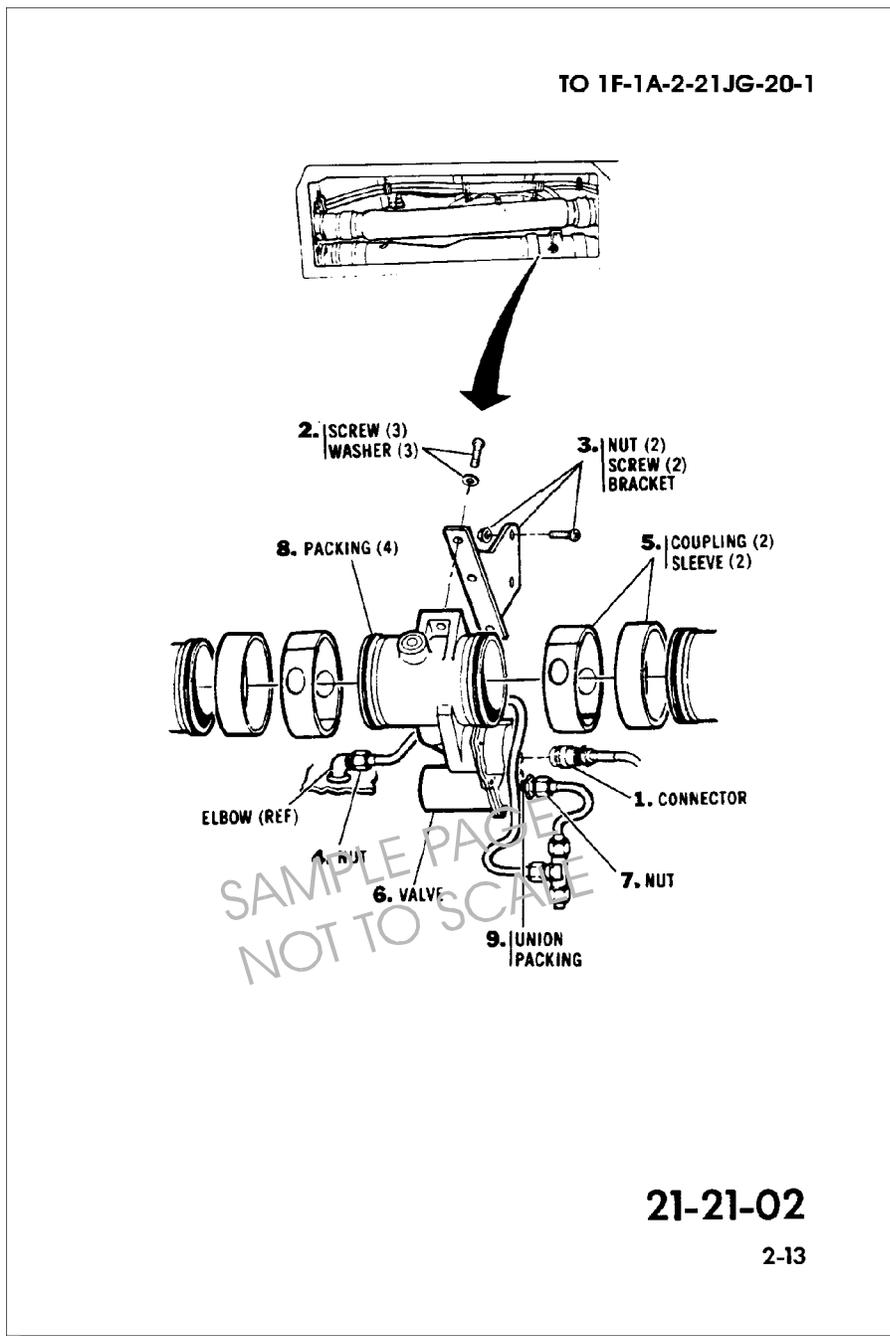


FIGURE 3. Example job guide task - Continued.

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