NOT MEASUREMENT
SENSITIVE

MIL-M-83495A(USAF)
AMENDMENT 2
22 January 1993

Superseding
AMENDMENT 1
28 March 1992

MILITARY SPECIFICATION
MANUALS, TECHNICAL: ON-EQUIPMENT SET, ORGANIZATIONAL MAINTENANCE
MANUALS; DETAILED REQUIREMENTS FOR PREPARATION OF
(FOR USAF EQUIPMENT)

This amendment forms a part of MIL-M-83495A, dated 12
October 1990, and is approved for use by Department of
the Air Force and is available for use by all
Departments and Agencies of the Department of Defense.

FIRST PAGE

Change "HQ AFLC/MMDB" to "HQ AFMC/ENCS" in third line of
DD Form 1426 note

PAGE 7

3.2.3: Add "(For Reference Only)" to "Chapter 8   Leveling and
Weighing" and "Chapter 14   Aircraft Loading and Off-Loading"

3.2.3: Add "Chapter 19   Training Equipment" to end of
arrangement list

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AMSC F5023   AREA TMSS

Distribution Statement A. Approved for public release;
distribution is unlimited.

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PAGE 9

3.2.3.2.3:   Change paragraph to read as follows:

"3.2.3.2.3 <u>Chapters 5, 8, and 14</u>.   These chapters are for reference only and shall reference the -6 inspection manual (both scheduled and unscheduled), -5 series manuals, and cargo/munitions loading manuals."

3.2.3.2.5:   Change paragraph title to read "<u>Chapters 7, 9, 10, and 12</u>."

PAGE 10

3.2.3.2.7:   Delete paragraph

PAGE 13

3.2.3.2.11:   Add the following new paragraph after 3.2.3.2.11:

"3.2.3.2.12 <u>Chapter 19, Training Equipment</u>.   This chapter shall contain the specialized training equipment for the equipment or aircraft systems.   When specified, associated JG manuals shall be prepared."

PAGE 43

6.2 j.:   Add the following new paragraph after 6.2 j.:

"j.l   If Chapter 19, Training Equipment, shall have associated Job Guide manuals prepared (3.2.3.2.12)."

PAGE A-2

30.3, fifth line: Change '<!ENTITY % m83495ge . . . . //EN" >' to '<!ENTITY % m83495ge PUBLIC
     '-//USA-DOD//DTD MIL-M-83495A GE AMEND2//EN" >'

Change '<!ENTITY % shortitleuse "ignore" >' to '<!ENTITY % shortitleuse "IGNORE" >'

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PAGE A-3

Change first "<!ENTITY % bodyele" entry to read as follows:

'<!ENTITY % bodyele " (gendesc, resvchap, resvchap resvchap, resvchap, tlmc, dimarea, lsrt, levweigh, towtaxi, parkmoor, placmark, servicing, equipstor, loadoffl, suppequip, sitinst, useship, weapinst, trainequip, gschap+) " >'

Change '<!ENTITY % geno "ignore" >' to
'<!ENTITY % geno "IGNORE" >'

Delete "%m83495gs;" following
'<!ENTITY % m83495gs PUBLIC '...//EN" >'

Change second "<!ENTITY % bodyele" entry to read as follows:

'<!ENTITY % bodyele " (gendesc, resvchap resvchap, resvchap, resvchap, tlmc, dimarea, lsrt, levweigh, 'towtaxi, parkmoor, placmark, servicing, equipstor, loadoffl, suppequip, sitinst, useship, weapinst, trainequip) " >'

Add the following after "%m38784c;":

'<![%gegs; [
%m83495gs;
]]>'

PAGE A-4

Delete "<!ELEMENT altitem - o ((partno ┊ spec), cage) >"
NOTE: "|" is synonymous with "|" for SGML purposes.

PAGE A-5

Change first line of "<!ELEMENT gendesc" to read as follows:

"<!ELEMENT gendesc - o ((section, section+) ┊ para0+)"
NOTE: "|" is synonymous with "|" for SGML purposes.

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Add the following on a separate line before
"<!ELEMENT gschap . . .":

"<![%gegs; ["

Add the following on a separate line after
"<!ATTLIST gschap . . .%secur;":

"]]>"

PAGE A-7

Delete: "<!ELEMENT spec   - o (%text;) >"

Change second line of "<!ELEMENT sptteqpt" to read as follows:
 "altitem*)+)   +(ftnote) >"

Change "<!ELEMENT sptteqpt...altitem*)+)   +(ftnote) >" tO
read as follows:

"<!ELEMENT sptteqpt - - (nomen, partno, cage, figno)+
                      +(ftnote) >"

Add "<!ELEMENT trainequip" following "towtaxi" to read as
follows:

'<!ELEMENT trainequip - o (para0+) >
 <!ATTLIST trainequip   tocentry %yesorno; "l"
                         shortentry %yesorno;"0"
                         %bodyatt;
                         %secur; >'

PAGE A-8

Delete all in both columns for "<altitem>" in the Tag Description
Table

PAGE A-9

Add new twentieth line to the "Description" column of "<body>" to
read as follows:
"one training equipment (<trainequip>) element."

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Add new second from last line to the "Description" column of
"<body>" to read as follows:

"one training equipment (<trainequip>) element; followed by,"

PAGE A-31

Change fourth paragraph in the "Description" column of "<gendesc"
to read as follows:

"This element contains the following structure:
     a group of elements consisting of:
       one section (<section>) element; followed by,
       one or more section (<section>) elements;
     which may occur once; or,
     one or more primary paragraph (<para0>) elements."

PAGE A-80

Delete all in both columns for "<spec>" from the Tag Description
Table (pages A-80 and A-81)

PAGE A-81

Change fourth paragraph in the "Description" column of
"<sptteqpt>" to read as follows:

"This element contains the following structure:
   a group of elements consisting of:
     one equipment nomenclature (<nomen>) element; followed by,
     one equipment part number (<partno>) element; followed by,
     one commercial and government entity code (<cage>)
 element; followed by,
   one figure index number (<figno>) element;
   which may occur one or more times."

PAGE A-92

Add the following new tag in the "Tag" column after the tag
description for "towtaxi":

"<trainequip
 applicrefid=x
 applictype=x
 assem=x
 assocfig=x

```
assoctab=x
compon=x
contype=x
delchlvl=x
esds=x
hcp=x
id=x
inschlvl=x
label=x
lru=x
module=x
partno=x
refdes=x
security=x
shortentry=x
skilltrk=x
sssn=x
ssubassem=x
subassem=x
texttype=x
tocentry=x
unit=x>"
```

Add the following in the "Description" column of "<trainequip":

'Training Equipment

Identifies chapter nineteen in the general equipment manual.
The training equipment element requires a starting tag
(<trainequip>) but does not require an ending tag.

 This element contains the following structure:
    one or more primary paragraph (<para0>) elements.

   The training equipment element may also contain (at any point):
       figure (<figure>) or,
      table (<table>).

The training equipment is part of the body matter (<body>).

Source Paragraph: 3.2.3.2.12 - MIL-M-83495A

 Optional Attribute(s)

APPLICREFID: References unique identifier(s) assigned to
applicability identifier(s) (<applicid id="xxx">). The value of
this attribute consists of a list of references to names
previously entered as unique identifiers of other elements. If

no value is specified for this attribute, one may be implied by
the system.

APPLICTYPE: This attribute references unique identifier(s)
assigned to applicability definitions (<applicdef id="xxx">) .
Although it is possible to derive the applicability type from the
applicability reference identifier, it may be explicitly stated
with this attribute. The value of this attribute consists of a
list of references to names previously entered as unique
identifiers of other elements. If no value is specified for this
attribute, one may be implied by the system.

ASSEM: Specifies the assembly number associated with the
element. The value of this attribute consists of character data.
If no value is specified for this attribute, one may be implied
by the system.

ASSOCFIG: Identifies a figure associated with the element
through the use of the "id" attribute in the figure (<figure>)
element. The value of this attribute consists of a list of
references to names previously entered as unique identifiers of
other elements. If no value is specified for this attribute, one
may be implied by the system.

ASSOCTAB: Identifies a table associated with the element through
the use of the "id" attribute in the table (<table>) element.
The value of this attribute consists of a list of references to
names previously entered as unique identifiers of other elements.
If no value is specified for this attribute, one may be implied
by the system.

COMPON :   Specifies the component number associated with the
element. The value of this attribute consists of character data.
If no value is specified for this attribute, one may be implied
by the system.

CONTYPE: Identifies the content type of the element. When used
with steps, the implied value is procedural. When used with all
other element types, the implied value is descriptive. The value
of this attribute may be set to one of the following values:
"desc" (Descriptive), "proc" (procedural). If no value is
specified for this attribute, one may be implied by the system.

DELCHLVL: Specifies the change level(s) at which information was
deleted. An audit trail can be maintained by listing multiple
change levels separated by commas. The value of this attribute
consists of a name where the first character is numeric. If no
value is specified for this attribute, one may be implied by the
system.

ESDS: Electrostatic Discharge Sensitive parts - If the value is set to zero, the element does not contain information involving ESDS parts, components or circuits. If any other value is given, the element does contain information involving ESDS items. The value of this attribute consists of a number. The default value of this attribute is "0".

HCP: Hardness Critical Process - If the value is set to zero, there is no hardness critical information. If any other value is given, the element contains hardness critical information. The value of this attribute consists of a number. The default value of this attribute is "0".

ID: An identifier of the element which is assigned at origination and which remains unchanged as the document is revised or updated even though the automatically assigned enumeration or manually assigned "labels" change. The value of the "id" is used making references to the element from other portions of a document. If no "id" is given, none will be maintained and the element can then not be cross-referenced to by means of an IDREF on another element or with a cross-reference (<xref>). The value of this attribute defines a unique identifier for the element. If no value is specified for this attribute, one may be implied by the system.

INSCHLVL: Specifies the change level(s) at which information was inserted. An audit trail can be maintained by listing multiple change levels separated by commas. The value of this attribute consists of a name where the first character is numeric. If no value is specified for this attribute, one may be implied by the system.

LABEL: The label associated with the element (i.e. chapter number). This attribute is only appropriate for manually enumerated documents. Typically, the output system will automatically enumerate the elements requiring enumeration, in which case this attribute would be omitted. The value of this attribute consists of a name where the first character is alphanumeric. If no value is specified for this attribute, one may be implied by the system.

LRU: Specifies the line replaceable unit (LRU) number associated with the element. The value of this attribute consists of character data. If no value is specified for this attribute, one may be implied by the system.

MODULE: Specifies the module number associated with the element. The value of this attribute consists of character data. If no

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value is specified for this attribute, one may be implied by the system.

PARTNO: Specifies the equipment part number associated with the element.   The value of this attribute consists of character data. If no value is specified for this attribute, one may be implied by the system.

REFDES: Specifies the appropriate reference designator associated with the information.   The value of this attribute consists of character data.   If no value is specified for this attribute, one may be implied by the system.

SECURITY: Specifies the level of security of the element.   The value of this attribute may be set to one of the following values : "u" (Unclassified), "c" (Confidential), "s" (Secret). The default value of this attribute is "u".

SHORTENTRY: Specifies that the shortened title (<shorttitle>) is used for this element.   If the value is set to zero, the short title is not used.   If any other value is given, the short title will be used.   The value of this attribute consists of a number. The default value of this attribute is "0".

SKILLTRK: Designates the skill level of the user at which the information in this element is aimed.   The value of this attribute consists of a list of names where the first character of each name is alphanumeric.   If no value is specified for this attribute, one may be implied by the system.

SSSN: Specifies the system/subsystem/sub-assembly (SSSN) code associated with the element.   The value of this attribute consists of character data.   If no value is specified for this attribute, one may be implied by the system.

SSUBASSM: Specifies the sub-subassembly number associated with the element.   The value of this attribute consists of character data.   If no value is specified for this attribute, one may be implied by the system.

SUBASSEM: Specifies the subassembly number associated with the element.   The value of this attribute consists of character data. If no value is specified for this attribute, one may be implied by the system.

TEXTTYPE: Specifies a code which further identifies the element. The value of this attribute consists of a number.   If no value is specified for this attribute, one may be implied by the system.

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TOCENTRY: Specifies whether the element will be included in the table of contents for the document. If the value is set to zero, the element will not be included in the table of contents. If any other value is given, the element will be included. The value of this attribute consists of a number. The default value of this attribute is "l".

UNIT: Specifies the unit number associated with the element. The value of this attribute consists of character data. If no value is specified for this attribute, one may be implied by the system.

PAGE   B-2

30.3, fifth line: Change '<!ENTITY % m83495gs ...//EN" >' to
'<!ENTITY % m83495gs PUBLIC
        "-//USA-DOD//DTD MIL-M-83495A GS AMEND2//EN" >'

Change '<!ENTITY % shortitleuse "ignore" >' to
'<!ENTITY % shortitleuse "IGNORE" >'

PAGE B-3

Change '<!ENTITY % geno "include" >' to
'<!ENTITY % geno "INCLUDE" >'

Change '<!ENTITY % gssd "ignore" >' to
'<!ENTITY % gssd "IGNORE" >'

Change '<!ENTITY % gsno "ignore" >' to
'<!ENTITY % gssd "IGNORE" >'

Delete "%m83495sd;"

PAGE B-4

Add the following after "%m38784c;":

"<![%gssd; [
%m83495sd;
]]>"

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Delete the following before "<!ELEMENT spec   - 0 (%text;) >":
"<![%geno; ["

Delete the following after "<!ELEMENT spec - 0 (%text;) >":
"]]>"

PAGE B-5

Change first two lines of "<ELEMENT spectools" to read as
follows:

"<ELEMENT spectools   - - (para0+, (sptteqpt, para0*)?,
                        (consum, para0*)?)   +(figure
                        table) >"

Add "<![%geno; [" before "<!ELEMENT sptteqpt . ..>'

Add "]]>" after "<!ELEMENT sptteqpt ...>"

PAGE B-23

Change the paragraph "This element contains . . . . zero, one,
or multiple times." in the "Description" column of "<spectools"
to read as follows:

"This element contains the following structure:
     a Primary Paragraph <(Para0>) element that may occur one or
 more times; followed by,
     a group of elements consisting of:
      an optional special tools and test equipment list
 (<sptteqpt>) element; followed by,
      zero, one, or more optional primary paragraph (<para0>)
 elements;
     which may occur zero or one times; followed by,
     a group of elements consisting of:

       one consumables (<consum>) element; followed by,
       zero, one, or more optional primary paragraph (<para0>)
 elements;
     which may occur zero or one times."

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PAGE C-2

Change '<!ENTITY % m83495jg PUBLIC "...//EN" >' to
'<!ENTITY % m83495jg PUBLIC
        "-//USA-DOD//DTD MIL-M-83495A JG AMEND2//EN" >'

Change '<!ENTITY % shortitleuse "ignore" >' to
'<!ENTITY % shortitleuse "IGNORE'" >'

PAGE D-2

Change '<!ENTITY % m83495fi PUBLIC "...//EN" >' to
'<!ENTITY % m83495fi PUBLIC
        "-//USA-DOD//DTD MIL-M-83495A FI AMEND2//EN" >'

Change '<!ENTITY % shortitleuse "ignore" >' to
'<!ENTITY % shortitleuse "IGNORE" >'

PAGE E-2

Change '<!ENTITY % m83495fr PUBLIC "...//EN" >' to
'<!ENTITY % m83495fr PUBLIC
        "-//USA-DOD//DTD MIL-M-83495A FR AMEND2//E$_N$" >'

Change '<!ENTITY % shortitleuse "ignore" >' to
'<!ENTITY % shortitleuse "IGNORE" >'

PAGE F-2

Change '<!ENTITY % m83495wd PUBLIC "...//EN" >' to
'<!ENTITY % m83495wd PUBLIC
        "-//USA-DOD//DTD MIL-M-83495A WD AMEND2//EN" >'

Change '<!ENTITY % shortitleuse "ignore" >' to
'<!ENTITY % shortitleuse "IGNORE" >'

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Change '<!ENTITY % wdsd "ignore" >' to
'<!ENTITY % wdsd "IGNORE" >'

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Change '<!ENTITY % wdno "ignore" >' to
 '<!ENTITY % wdno "IGNORE'" >/

Change first "<!ENTITY % bodyele " to read as follows:
 '<!ENTITY % bodyele "((sdintro, (wdeqlist, wireconn, (title
%shortitle;, wirediag+))) & (title %shortitle;, schdiag+))" >'

| Delete "%m83495sd;"

Add the following after "%m38784c;":
 "<![%wdsd; [
 %m83495sd;
 ]]>"

                          PAGE G-2

Change '<ENTITY % m83495sd PUBLIC "...//EN" >' to
 '<!ENTITY % m83495sd PUBLIC
      "-//USA-DOD//DTD MIL-M-83495A SD AMEND2//EN" >'

Change '<ENTITY % shortitleuse "ignore" >' to
 '<ENTITY % shortitleuse "IGNORE" >'

                          PAGE G-3

Change '<ENTITY % wdno "include" >' to
 '<!ENTITY % wdno "INCLUDE" >'

Change '<ENTITY % gsno "include" >' to
 '<!ENTITY % gsno "INCLUDE" >'

Add the following on a separate line before
 '<!ENTITY % 38784c PUBLIC "...//EN" >':
 '<![%gsno; ['

Add the following on a separate line after "%m38784c;":
 "]]>"

Add the following on a separate line before
 '<!ELEMENT cage ...>'.
 '<![%gsno; ['

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Add the following on a separate line after
'<!ELEMENT cage . ..>'.
']]>'

The margins of this amendment are marked with vertical lines to
indicate where changes (additions, modifications, corrections,
deletions) from the previous amendment were made. This was done
as a convenience only and the Government assumes no liability
whatever for any inaccuracies in these notations. Bidders and
contractors are cautioned to evaluate the requirements of this
document based on the entire content irrespective of the marginal
notations and relationship to the last previous amendment.

Custodian: Preparing Activity:
  Air Force – 16   Air Force – 16

Review Activities: (Project TMSS-F606)
  Air Force – 01, 10

User Activities:
  Air Force – 11, 13, 14, 15, 19, 99