



AFCTN Test Report 94-131

AFCTB-ID
94-078



TMSS Parsing Test



MIL-M-87929A, Appendix I,
Specialized Storage & Maintenance
Procedures for Conventional
Components/AUR Munitions &
CMBR Agents



Document Type Definition



MAXIMA Corporation

DISA Contract #DCA100-93-D-0065

Quick Short Test Report

21 June 1994



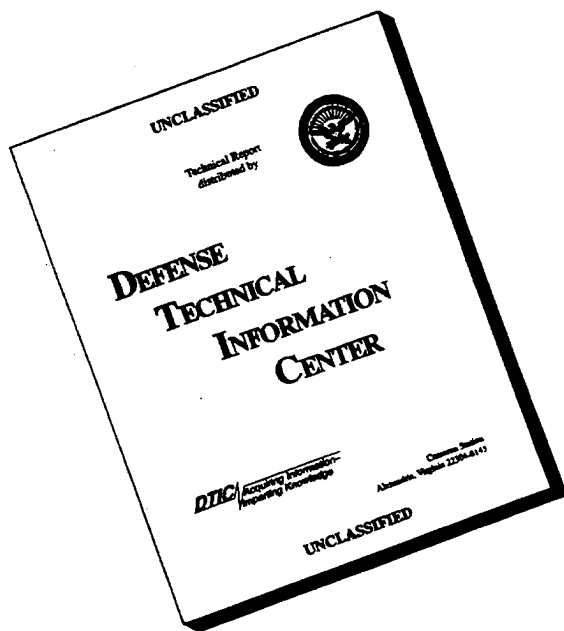
Prepared for
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19960321 112

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for Conventional Components/AUR Munitions & CMBR Agents
Document Type Definition
For:
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Quick Short Test Report

21 June 1994

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Air Force CALS Test Bed

Notification of Test Results

21 June 1994

This notice documents the results of an Air Force CALS Test Bed (AFCTB) Quick Short Test Report (QSTR) evaluation of data submitted by:

MAXIMA Corporation

Identified as follows:

Title:	MIL-M-87929A, Appendix I, Specialized Storage & Maintenance Procedures for Conventional Components/ AUR Munitions & CMBR Agents, DTD Parsing Test
Program:	DISA
Program Office:	DISA
Contract No.:	DCA100-93-D-0065
QSTR No.:	AFCTB-ID 94-078

Received on the following media: **3.5" Diskette**

The results of the QSTR evaluation are as follows:

MIL-STD-1840A Media Format:	N/A
MIL-D-28000A IGES:	N/A
MIL-M-28001B SGML:	Fail
MIL-R-28002A Raster:	N/A
MIL-D-28003 CGM:	N/A

Formal results with associated disclaimer are documented and available from the AFCTB.

**Air Force CALS Test Bed
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1. Introduction

1.1 Background

The Department of Defense (DoD) Air Force Continuous Acquisition and Life-cycle Support (CALS) Test Network (AFCTN) is conducting tests of the military standard for the Automated Interchange of Technical Information, MIL-STD-1840A, and its companion suite of military specifications. The AFCTN is a DoD sponsored confederation of voluntary participants from industry and government managed by the Electronic Systems Center (ESC).

The primary objective of the AFCTN is to evaluate the effectiveness of the CALS standards for technical data interchange and to demonstrate the technical capabilities and operational suitability of those standards. Two general categories of tests are performed to evaluate the standards; formal and informal.

Formal tests are large and comprehensive, which follow a written test plan, require specific authorization from the DoD, and may take months to prepare, execute, and report.

Informal tests are quick and short, used by the AFCTN technical staff, to broaden the testing base. They include representative samples of the many systems and applications used by AFCTN participants. They also allow the AFCTN staff to gain feedback from many industry and government interpretations of the standards, to increase the base of participation in the CALS initiative, and respond to the many requests for help that come from participants. Participants take part voluntarily, benefit by receiving an evaluation of their latest implementation (interpretation) of the standards, interact with the AFCTN technical staff, gain experience using the standards, and develop increased confidence in them. The results of informal tests are reported in Quick Short Test Reports (QSTRs) that briefly summarize the standard(s) tested, the hardware and software used, the nature of the test, and the results.

1.2 Purpose

The purpose of this informal test is to analyze Air Force Document Type Definitions (DTDs) for Standard Generalized Markup Language (SGML) syntax, using several commercial and public domain SGML parsers, prior to placing them in the Defense Information Systems Agency (DISA) Asset Source for Software Engineering Technology (ASSET) repository.

2. Test Parameters

Test Plan: AFCTB 94-078

Date of Evaluation: 21 June 1994

Evaluator: George Elwood
Air Force CALS Test Bed
DET 2 HQ ESC/AV-2P
4027 Colonel Glenn Hwy
Suite 300
Dayton OH 45431-1672

Data Originator: Kay Hill
MAXIMA Corporation
2372 Lakeview Drive
Beavercreek OH 45431
(513) 427-5888

Data Description: Technical Manual Test
1 DTD

Data Source System:

Text/SGML
SOFTWARE
Unknown

Evaluation Tools Used:

MIL-M-28001 (SGML)
PC 486/50
Exoterica XGMLNormalizer v1.2e3.2
Exoterica Validator v2.2 ex1
McAfee & McAdam Sema Mark-it v2.3
Public Domain sgmls 1.1

Standards Tested: MIL-M-28001B

3. 1840A Analysis

3.1 External Packaging

The 3.5" diskette was hand delivered to the Air Force CALS Test Bed (AFCTB). It was not enclosed in any type of container.

The files received by the AFCTB were not MIL-STD-1840A. The files were not named per the standard conventions, as the stated purpose of the evaluation was the basic data structure.

4. SGML Analysis

The AFCTB has several parsers available for evaluating submitted DTD and text files. These tools are not used to generate a pass/fail but to report how commercially available software can handle the files. These products are used in the development of technical publications and are good indicators of usability. The use of these products is not an endorsement nor an indication of CALS capability. All operations were performed using the default settings unless specified in the report.

The goal was to configure the DTD under analysis as it would normally be used. However, for this analysis it was necessary to modify the DTD adding the "DOCTYPE doc [" statement to the start and the companion "]">" to the end of the DTD under evaluation, as stated in the comments of the DTD. If the parser did not support a formal file pointing to the location of the ISO character sets, this was added.

The DTD under evaluation, MIL-M-87929A, Appendix I, Specialized Storage & Maintenance Procedures for Conventional Components/AUR Munitions & CMBR Agents, called a sequence of companion DTDs, each in turn, as illustrated by the diagram below. These DTDs were delivered on the same diskette as the DTD to be evaluated. The DTDs were not changed except to point to the succeeding DTD in the sequence and to insert the location of the ISO character set files in the D784CB0.A3 DTD.

<!-- MIL-M-87929A Specialized Storage & Maintenance Procedures for
Conventional Components/ARU Munitions & CMBR Agents DTD -->

D929AI0.ORG --> D929AA0.ORG —> D807BA0.A1

└─> D784CB0.A3

The following notes apply to the parsing analysis as indicated in the ensuing paragraphs.

Note 1. Entity parameters defined more than once is a valid SGML construct. The duplicate definition errors and/or warnings in this analysis do not indicate any problems.

Note 2. The occurrences of warnings "references defined, but not used," appeared because portions of the called DTD, i.e., MIL-M38784C, were not used. They were not used because the entity definitions of the DTD under analysis altered the execution path in the called DTD. The warnings in this analysis do not indicate any problems.

4.1 Exoterica Validator

The DTD file was evaluated using the Exoterica Validator *exl* parser. The basic DTD was modified by placing the concrete syntax file and "<!DOCTYPE doc [" at the start and the "]">" at the end. No errors were reported by the parser. The TOTAL CAPACITY was increased to 350000 for this set of DTDs after receiving messages about exceeding capacities.

The parser reported 88 total warnings of three types. The first type warning was for a parameter entity declared more than once. See Note 1 above.

```
<!-- **Warning** in "c:\ws\929a.dtd" (entity "%m87929a"), line 83,  
      used in "\xgml\9478.dtd", line 211:  
      A parameter entity name has been declared more than once.  
      The entity is "%list".  
      <!ENTITY % list "(seqlist | randlist | deflist)" >  
      ****  
-->
```

The second type warning related to elements defined but not used in any content model. See Note 2 above.

```
<!-- **Warning** in "\xgml\9478.dtd", line 776:
  An element is not allowed in the document instance because it does not
  appear in any accessible content model or it is completely excluded.
  The element is "AGENTITEM".
-->
```

The third type warning was for an element used but not defined. This warning indicates an error in the DTD syntax.

```
<!-- **Warning** in "\xgml\9478.dtd", line 776:
  An element name specified in a USEMAP declaration, ATTLIST declaration or
  content model is not defined by an ELEMENT declaration.
  The element name is "UNIT".
-->
```

4.2 Exoterica XGML Normalizer

The DTD file was parsed using the Exoterica *XGMLNormalizer* parser. The concrete syntax and "<!DOCTYPE doc [" were added to the start and "]">" to the end of the file. One warning was issued by this utility for an element used but not defined. This warning indicates an error in the DTD syntax.

C:\XGML\XGMLNORM.EXE -- Warning on line 776 in file 9478.dtd: An undeclared element na used in a content model. The element is 'UNIT'.

4.3 Public Domain sgmls

The DTD file was evaluated using the Public Domain *sgmls* v1.1 parser. The file was modified by adding the "<!DOCTYPE doc [" to the start and "]">" to the end of the file as stated in the comments in the DTD. The D929AA0.ORG, D807BA0.A1 and D784CB0.A3 files were used as the point to files. The parser reported one error. The reported error was a TOTCAP exceeded, which was reported as 335526.

sgmls: SGML error:
Capacity limit TOTALCAP exceeded by 135526 points

The parser reported 25 total warnings of two types. The first type warning for was duplicate definitions. See Note 1 above.

sgmls: In file included at \ws\9478.dtd, line 138:
Warning at c:\ws\929a.dtd, line 83 in declaration parameter 4:
Duplicate specification occurred for "%list"; duplicate ignored

The second type warning related to an element used but not defined. This warning indicates an error in the DTD syntax.

sgmls: Warning at \ws\9478.dtd, line 703 at record end:
Element "UNIT" used in DTD but not defined.

4.4 Sema Mark-it

The DTD file was evaluated using McAfee & McAdam's *Sema Mark-it* v2.3 parser. The file was modified by adding the concrete syntax and "<!DOCTYPE doc [" to the start and "]">" to the end of the file. The parser reported errors that did not appear to be consistent with the rest of the parsers. The files used were the exact files parsed by the Exoterica parsers.

```
<!--*** file:\xgml\9478.dtd line:303 pos:10776
Unknown parameter entity name (wp) used in reference.
If name is spelt correctly check that the entity declaration in the
DTD contains a PERO (e.g. %) symbol followed by a space.-->
```

```
<!ELEMENT cleaningwp      - -  (%wp;, wpforewd, safesum?,
                                techinfo, swp*)
                                +(figure | table | foldout) >
<!ATTLIST cleaningwp      chgno NUMBER "0"
                                %bodyatt;
                                %secur; >
```

5. Conclusions and Recommendations

The file D929AI0.ORG, MIL-M-87929A, Appendix I, Specialized Storage & Maintenance Procedures for Conventional Components/AUR Munitions & CMBR Agents, does not conform to the SGML syntax of ISO Standard 8879, as required by the CALS MILM28001B specification. This conclusion is derived from the parser test warnings which indicate elements are used that are not defined.

6. Appendix A - Detailed SGML Analysis

6.1 Exoterica Validator

```
<!-- **Warning** in "c:\ws\929a.dtd" (entity "%m87929a"), line 83,
      used in "\xgml\9478.dtd", line 211:
      A parameter entity name has been declared more than once.
      The entity is "%list".
      <!ENTITY % list "(seqlist | randlist | deflist)" >
      ^^^^^
-->
<!-- **Warning** in "c:\ws\929a.dtd" (entity "%m87929a"), line 85,
      used in "\xgml\9478.dtd", line 211:
      A parameter entity name has been declared more than once.
      The entity is "%spcpara".
      <!ENTITY % spcpara "(warning?, caution?, note?)" >
      ^^^^^^^
-->
The entity is "%fpi".
The entity is "%forwp".
The entity is "%sttec".
The entity is "%frnt".
The entity is "%yesorno".
The entity is "%ipbforwd".
The entity is "%math".
The entity is "%mathtxt".
The entity is "%shorttitleuse".
The entity is "%shorttitle".
The entity is "%yesorno".
The entity is "%itemid".
The entity is "%content".
The entity is "%bodyatt".
The entity is "%list".
The entity is "%spcpara".
The entity is "%frnt".
The entity is "%fpi".
The entity is "%titles".
The entity is "%fig".
The entity is "%bodyele".
The entity is "%graphatt".
The entity is "%entryatt".
The entity is "%lrp".
-->
<!-- **Warning** in "\xgml\9478.dtd", line 776:
      An element is not allowed in the document instance because it does not
      appear in any accessible content model or it is completely excluded.
```

The element is "AGENTITEM".

-->

The element is "AGENTSPIII".

The element is "APPENDIX".

The element is "BODY".

The element is "CHAPTER".

The element is "CHGINSSHT".

The element is "CHGLIST".

The element is "CHGREC".

The element is "CLOTHING".

The element is "CMBRPREP".

The element is "CMBRREM".

The element is "CONTLIST".

The element is "CUBE".

The element is "DATE".

The element is "DATEINC".

The element is "DDCHAPTER".

The element is "DDDESC".

The element is "DDINDEX".

The element is "DDINTRO".

The element is "DDLIST".

The element is "DECONT".

The element is "DESCRIPTION".

The element is "DIM".

The element is "DOC".

The element is "DOCIPB".

The element is "DOCPART".

The element is "DOCWP".

The element is "ECPNO".

The element is "EMPTYWT".

The element is "EQUIP".

The element is "EXTCOMP".

The element is "FILLING".

The element is "FIRSTAID".

The element is "FOREWORD".

The element is "GLOSSARY".

The element is "INDEX".

The element is "INSERTPG".

The element is "INTCOMP".

The element is "INTRO".

The element is "LOADWT".

The element is "MAJORLEAK".

The element is "MINORLEAK".

The element is "PENAPP".

The element is "PERSONNEL".

The element is "PGNO".

The element is "PREFACE".

The element is "RATD".

```
The element is "REAR".
The element is "REINTEST".
The element is "REMOVEPG".
The element is "REPTEST".
The element is "SEAMAREA".
The element is "SECTION".
The element is "SHORTTITLE".
The element is "SOLUTION".
The element is "SWP".
The element is "SYMPTOM".
The element is "TYPENO".
-->
<!-- **Warning** in "\xgml\9478.dtd", line 776:
  An element name specified in a USEMAP declaration, ATTLIST declaration or
  content model is not defined by an ELEMENT declaration.
  The element name is "UNIT".
-->
<!-- **Warning** in "\xgml\9478.dtd", line 776:
  An element is not allowed in the document instance because it does not
  appear in any accessible content model or it is completely excluded.
  The element is "VOLUME".
  The element is "WARNPAGE".
  The element is "WP".
-->
<!-- Capacity points/limits:
  TOTALCAP =341585/350000
  ENTCAP   =14144/200000
  ENTCHCAP =26053/70000
  ELEMCAP  =11712/70000
  GRPCAP   =99456/125000
  EXGRPCAP =2368/70000
  EXNMCAP  =6560/70000
  ATTCAP   =133216/200000
  ATTCHCAP =3081/70000
  AVGRPCAP =44736/70000
  NOTCAP   =96/70000
  NOTCHCAP =163/70000
  IDCAP    =0/70000
  IDREFCAP =0/70000
  MAPCAP   =0/70000
  LKSETCAP =0/70000
  LKNMCAP  =0/70000
-->
<!-- 0 errors and 88 warnings reported. -->
```

6.2 Exoterica XGMLNormalizer Parser

C:\XGML\XGMLNORM.EXE --

Warning on line 776 in file 9478.dtd:

An undeclared element name was used in a content model.

The element is 'UNIT'.

6.3 Public Domain sgmls Log

sgmls: In file included at \ws\9478.dtd, line 138:

Warning at c:\ws\929a.dtd, line 83 in declaration parameter 4:

Duplicate specification occurred for "%list"; duplicate ignored

sgmls: In file included at \ws\9478.dtd, line 138:

Warning at c:\ws\929a.dtd, line 85 in declaration parameter 4:

Duplicate specification occurred for "%spcpara"; duplicate ignored

sgmls: In file included at \ws\9478.dtd, line 138:

Warning at c:\ws\929a.dtd, line 88 in declaration parameter 4:

Duplicate specification occurred for "%fpi"; duplicate ignored

sgmls: In file included at \ws\9478.dtd, line 138:

Warning at c:\ws\929a.dtd, line 92 in declaration parameter 4:

Duplicate specification occurred for "%forwp"; duplicate ignored

sgmls: In file included at \ws\9478.dtd, line 138:

Warning at c:\ws\929a.dtd, line 95 in declaration parameter 4:

Duplicate specification occurred for "%sttec"; duplicate ignored

sgmls: In file included at \ws\9478.dtd, line 138:

In file included at c:\ws\929a.dtd, line 205:

Warning at c:\ws\807b.dtd, line 31 in declaration parameter 4:

Duplicate specification occurred for "%frnt"; duplicate ignored

sgmls: In file included at \ws\9478.dtd, line 138:

In file included at c:\ws\929a.dtd, line 205:

Warning at c:\ws\807b.dtd, line 45 in declaration parameter 4:

Duplicate specification occurred for "%yesorno"; duplicate ignored

sgmls: In file included at \ws\9478.dtd, line 138:

In file included at c:\ws\929a.dtd, line 205:

Warning at c:\ws\807b.dtd, line 90 in declaration parameter 4:

Duplicate specification occurred for "%ipbforwd"; duplicate ignored

sgmls: In file included at \ws\9478.dtd, line 138:

In file included at c:\ws\929a.dtd, line 205:

In file included at c:\ws\807b.dtd, line 103:

Warning at i:\dtd\784c.dtd, line 18 in declaration parameter 4:

Duplicate specification occurred for "%math"; duplicate ignored

sgmls: In file included at \ws\9478.dtd, line 138:
In file included at c:\ws\929a.dtd, line 205:
In file included at c:\ws\807b.dtd, line 103:
Warning at i:\dtd\784c.dtd, line 33 in declaration parameter 4:
Duplicate specification occurred for "%mathtxt"; duplicate ignored

sgmls: In file included at \ws\9478.dtd, line 138:
In file included at c:\ws\929a.dtd, line 205:
In file included at c:\ws\807b.dtd, line 103:
Warning at i:\dtd\784c.dtd, line 37 in declaration parameter 4:
Duplicate specification occurred for "%shorttitleuse"; duplicate ignored

sgmls: In file included at \ws\9478.dtd, line 138:
In file included at c:\ws\929a.dtd, line 205:
In file included at c:\ws\807b.dtd, line 103:
Warning at i:\dtd\784c.dtd, line 45 in declaration parameter 4:
Duplicate specification occurred for "%shorttitle"; duplicate ignored

sgmls: In file included at \ws\9478.dtd, line 138:
In file included at c:\ws\929a.dtd, line 205:
In file included at c:\ws\807b.dtd, line 103:
Warning at i:\dtd\784c.dtd, line 47 in declaration parameter 4:
Duplicate specification occurred for "%yesorno"; duplicate ignored

sgmls: In file included at \ws\9478.dtd, line 138:
In file included at c:\ws\929a.dtd, line 205:
In file included at c:\ws\807b.dtd, line 103:
Warning at i:\dtd\784c.dtd, line 60 in declaration parameter 4:
Duplicate specification occurred for "%itemid"; duplicate ignored

sgmls: In file included at \ws\9478.dtd, line 138:
In file included at c:\ws\929a.dtd, line 205:
In file included at c:\ws\807b.dtd, line 103:
Warning at i:\dtd\784c.dtd, line 69 in declaration parameter 4:
Duplicate specification occurred for "%content"; duplicate ignored

sgmls: In file included at \ws\9478.dtd, line 138:
In file included at c:\ws\929a.dtd, line 205:
In file included at c:\ws\807b.dtd, line 103:
Warning at i:\dtd\784c.dtd, line 80 in declaration parameter 4:
Duplicate specification occurred for "%bodyatt"; duplicate ignored

sgmls: In file included at \ws\9478.dtd, line 138:
In file included at c:\ws\929a.dtd, line 205:
In file included at c:\ws\807b.dtd, line 103:
Warning at i:\dtd\784c.dtd, line 82 in declaration parameter 4:
Duplicate specification occurred for "%list"; duplicate ignored

sgmls: In file included at \ws\9478.dtd, line 138:
In file included at c:\ws\929a.dtd, line 205:
In file included at c:\ws\807b.dtd, line 103:
Warning at i:\dtd\784c.dtd, line 86 in declaration parameter 4:
Duplicate specification occurred for "%spcpara"; duplicate ignored

sgmls: In file included at \ws\9478.dtd, line 138:
In file included at c:\ws\929a.dtd, line 205:
In file included at c:\ws\807b.dtd, line 103:
Warning at i:\dtd\784c.dtd, line 109 in declaration parameter 4:
Duplicate specification occurred for "%frnt"; duplicate ignored

sgmls: In file included at \ws\9478.dtd, line 138:
In file included at c:\ws\929a.dtd, line 205:
In file included at c:\ws\807b.dtd, line 103:
Warning at i:\dtd\784c.dtd, line 118 in declaration parameter 4:
Duplicate specification occurred for "%fpi"; duplicate ignored

sgmls: In file included at \ws\9478.dtd, line 138:
In file included at c:\ws\929a.dtd, line 205:
In file included at c:\ws\807b.dtd, line 103:
Warning at i:\dtd\784c.dtd, line 126 in declaration parameter 4:
Duplicate specification occurred for "%titles"; duplicate ignored

sgmls: In file included at \ws\9478.dtd, line 138:
In file included at c:\ws\929a.dtd, line 205:
In file included at c:\ws\807b.dtd, line 103:
Warning at i:\dtd\784c.dtd, line 134 in declaration parameter 4:
Duplicate specification occurred for "%fig"; duplicate ignored

sgmls: In file included at \ws\9478.dtd, line 138:
In file included at c:\ws\929a.dtd, line 205:
In file included at c:\ws\807b.dtd, line 103:
Warning at i:\dtd\784c.dtd, line 165 in declaration parameter 4:
Duplicate specification occurred for "%bodyele"; duplicate ignored

sgmls: In file included at \ws\9478.dtd, line 138:
In file included at c:\ws\929a.dtd, line 205:
In file included at c:\ws\807b.dtd, line 103:
Warning at i:\dtd\784c.dtd, line 204 in declaration parameter 4:
Duplicate specification occurred for "%graphatt"; duplicate ignored

sgmls: In file included at \ws\9478.dtd, line 138:
In file included at c:\ws\929a.dtd, line 205:
In file included at c:\ws\807b.dtd, line 103:
Warning at i:\dtd\784c.dtd, line 238 in declaration parameter 4:
Duplicate specification occurred for "%entryatt"; duplicate ignored

sgmls: In file included at \ws\9478.dtd, line 138:
In file included at c:\ws\929a.dtd, line 205:
In file included at c:\ws\807b.dtd, line 103:
Warning at i:\dtd\784c.dtd, line 248 in declaration parameter 4:
Duplicate specification occurred for "%lrp"; duplicate ignored

sgmls: Warning at \ws\9478.dtd, line 703 at record end:
Element "UNIT" used in DTD but not defined

sgmls: SGML error:
Capacity limit TOTALCAP exceeded by 135526 points

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TOTALCAP 335526
ENTCAP 14144
ENTCHCAP 19962
ELEMCA 11712
GRPCAP 99456
EXGRPCAP 2400
EXNMCA 6560
ATTCAP 133216
ATTCHCAP 3081
AVGRPCAP 44736
NOTCAP 96
NOTCHCAP 163
IDCAP 0
IDREFCAP 0
MAPCAP 0
LKSETCAP 0
LKNMCA 0

6.4 Sema Mark-it Parser Log

```
<!--*** file:\xgml\9478.dtd line:303 pos:10776
Unknown parameter entity name (wp) used in reference.
If name is spelt correctly check that the entity declaration in the DTD
contains a PERO (e.g. %) symbol followed by a space.-->

<!--*** file:\xgml\9478.dtd line:303 pos:10779
Syntax error. Valid tokens at this point are: Ee s pero dtgo name grpo rniPCDATA .-->

<!--*** file:\xgml\9478.dtd line:303 pos:10810
Syntax error. Valid tokens at this point are: Ee s mdo_mdc mdo_com pio mdo_dso pero ms
dsc mdoNOTATION mdoENTITY mdoELEMENT mdoSHORTREF mdoATTLIST mdoUSEMAP .-->

<!--*** file:\xgml\9478.dtd line:304 pos:10850
Syntax error. Valid tokens at this point are: Ee s mdo_mdc mdo_com pio mdo_dso pero ms
dsc mdoNOTATION mdoENTITY mdoELEMENT mdoSHORTREF mdoATTLIST mdoUSEMAP .-->

<!--*** file:\xgml\9478.dtd line:304 pos:10865
Syntax error. Valid tokens at this point are: Ee s mdo_mdc mdo_com pio mdo_dso pero ms
dsc mdoNOTATION mdoENTITY mdoELEMENT mdoSHORTREF mdoATTLIST mdoUSEMAP .-->

<!--*** file:\xgml\9478.dtd line:304 pos:10874
Syntax error. Valid tokens at this point are: Ee s mdo_mdc mdo_com pio mdo_dso pero ms
dsc mdoNOTATION mdoENTITY mdoELEMENT mdoSHORTREF mdoATTLIST mdoUSEMAP .-->

<!--*** file:\xgml\9478.dtd line:306 pos:10964
Illegal end of entity within a delimited text (e.g. a declaration).
ISO 8879 prohibits declarations that start in one entity and end in another.-->

ATTCNT --100-- 47
ATTSPLEN --960-- 0
BSEQLEN --960-- 0
DTAGLEN --16-- 0
DTEMPLN --16-- 0
ENTLVL --16-- 3
GRPCNT --32-- 22
GRPGTCNT --96-- 27
GRPLVL --16-- 5
LITLEN --3048-- 730
NAMELEN --32-- 13
NORMSEP --2-- 0
PILEN --240-- 0
TAGLEN --960-- 0
TAGLVL --24-- 0
MSDLVL --24-- 1
TOTALCAP --350000-- 174501
```

AFCTN Test Report
94-131

AFCTB Test Report
94-078

ENTCAP --200000-- 16896
ENTCHCAP --70000-- 14902
ELEMCAp --70000-- 6496
GRPCAP --125000-- 47616
EXGRPCAP --70000-- 896
EXNMCAP --70000-- 1472
ATTCAP --200000-- 61568
ATTCHCAP --70000-- 1487
AVGRPCAP --70000-- 22912
NOTCAP --70000-- 96
NOTCHCAP --70000-- 160
IDCAP --70000-- 0
IDREFCAP --70000-- 0
MAPCAP --70000-- 0
LKSETCAP --70000-- 0
LKNMCAP --70000--

6.5 D929AI0.DTD

<!-- ***** START OF FILE ***** -->

<!-- SUPPLEMENT NOTICE: This file is made available to provide the user with a digital representation of the DTD found in Appendix I of MIL-M-87929A. This file is incomplete without MIL-M-87929A. -->

<!-- NOTE: The start and end of this file are marked with a row of asterisks. If these rows are not present the file may not be complete! -->

<!-- MIL-M-87929A Specialized Storage and Maintenance Procedures for Conventional Components/AUR Munitions and CMBR Agents DTD -->

<!-- The following set of declarations may be referred to by using a public entity as follows:

```
<!ENTITY % m87929ssm PUBLIC "-//USA-DOD//DTD MIL-M-87929A SSMP//EN" >
% m87929ssm;
-->
```

<!-- NOTE: In order to parse the following DTD subset alone, append the following statement to the beginning of the file:

```
<!DOCTYPE docssmp [
and the associated "]>" to the end of the file. -->
<!-- ENTITY DECLARATIONS -->
<!ENTITY % m87929a PUBLIC "-//USA-DOD//DTD MIL-M-87929A//EN" >
<!ENTITY % cmbr "ignore" >
<![ %cmbr; [
<!ENTITY % phs "packaging, handling, cmbrprep, stordata, storreq" >
]]>
<!ENTITY % phs "packaging, handling, stordata, storreq" >
<![ %cmbr; [
<!ENTITY % maint "concept, unpack, prepuse, filling, maintinst, prepstor,
repackseal, remark, pgmswp, tpgmswp, depotswp" >
```

```
<!ENTITY % maint "concept, unpack, prepuse, maintinst, prepstor, repackseal,
remark, pgmswp, tpgmswp, depotswp" >

<!ENTITY % sttec "(wpidinfo, para0, (toollist, para0*)?, (eqplist, para0*)?,
(seqplist, para0*)?, (spdlist, para0*)?, (consum, para0*)?)" >

<!ENTITY % list "(seqlist | randlist | deflist)" >

<!ENTITY % spcpara "(warning?, caution?, note?)" >

<!ENTITY % fpi "(para0, (para0 | %list; | symsect | abbrsect | %spcpara;)*,
internatlstd?, lrp?, tctolist?)" >

<!ENTITY % forwp "(wpidinfo, contents, illuslist?, tablelist?, purpose, scope,
%fpi;, manstru, coverage?, indexscheme, locinfo, para0*, leadpartic, (para0 |
(maintcon?, envcont?, warrprov?))* , livemunswp, trainmunswp, tmimprep?)" >

<![ %cmbr; [

<!ENTITY % sswp "(para0+, (precaut | warning | caution)*, decont, fire)" >

]]>

<!ENTITY % sswp "(para0+, (precaut | warning | caution)*, fire)" >

<!ENTITY % insps "sequence, emptycon, teprep, testrec, accinc, dropcomp,
torquereq, configtab?, unpack, inspecttab+, checkout, assembly, ground,
servicing" >

<!ENTITY accincitem "User inserts item here." >

<!ENTITY accincpara "Accidents/incidents involving collision or inadvertent
release of the &accincitem; can cause the &accinsitem; to misfire,
malfunction, or explode. If any doubt exists as to acceptability of the
&accinsitem;, reject it. Report accident/incident and notify EOD if explosive
components are involved." >

<!ENTITY alc "User inserts appropriate ALC here." >

<!ENTITY dropcomppara "Dropped component/AUR processing criteria are contained
in Table 1. If any doubt exists as to acceptability of dropped component/AUR,
reject it. Report dropping incidents in accordance with AFR 127-4 and notify
EOD if explosive components are involved. Request disposition of dropped
components from &alc;." >

<!ENTITY estshelf "When the lot number or date of manufacture cannot be
identified, an item shall not be issued. If the lot number or date of
manufacture is known, the other may be obtained from OO-ALC/LIW." >
```

<!ENTITY handpara "Damaged containers shall be repaired as soon as possible and markings restored to the repaired area. Chemical protection equipment required when handling items covered by the manual shall be in accordance with AFR 127-100." >

<!ENTITY indshelf "When the lot number cannot be identified, an item shall not be issued. Missing date of manufacture is not significant and shall not be cause for classifying the item unserviceable for issue. If only the lot number or date of manufacture is known and the unknown information is needed, it may be obtained from OO-ALC/LIW." >

<!ENTITY inspectitems "User inserts appropriate items here." >

<!ENTITY inspectpara "All repaired or replaced &inspectitems; shall be inspected before and after installation in accordance with the requirements of the TO." >

<!ENTITY shspara "The use of standard nomenclature and lot number/serial number is mandatory for all purposes of storage records, reports and communications concerning munitions. Legible identification markings shall be maintained on munitions in storage." >

<!ENTITY sspara "When an abnormal condition is noted and procedures are not available in this manual, work shall be stopped and qualified guidance obtained. Personnel shall be evacuated to a safe site. EOD or other authorized personnel shall be called for help in eliminating the hazard. Operations shall not be resumed until the hazard has been eliminated." >

<!ENTITY teprepara "Verify all required handling and test equipment (WP 004 00) is available and serviceable." >

<!ENTITY testrepara "After test, record test results in applicable documents." >

<!ENTITY unpackpara "The safety requirements of AFR 127-100 shall be followed when unpackaging. Before opening a container, ensure that all markings are legible. Record markings that may be destroyed by opening the container. Retain serviceable packaging for possible reuse." >

%m87929a;

<!-- ELEMENT and ATTRIBUTE LIST DECLARATIONS -->

```
<!ELEMENT accinc      - o (%parazero;) >
<!ATTLIST accinc      tocentry %yesorno; "1"
                      shortentry %yesorno; "0"
                      verified %yesorno; "0"
                      %bodyatt;
                      %secur; >

<!ELEMENT agentitem    - o (subparal+) >
<!ATTLIST agentitem    %secur; >

<!ELEMENT agentspill   - o (subparal+) >
<!ATTLIST agentspill   %secur; >

<!ELEMENT assembly     - o (%parazero;) >
<!ATTLIST assembly     tocentry %yesorno; "1"
                      shortentry %yesorno; "0"
                      verified %yesorno; "0"
                      %bodyatt;
                      %secur; >

<!ELEMENT aurbreakout  - o (%parazero;) +(mtelist | mconsum) >
<!ATTLIST aurbreakout  tocentry %yesorno; "1"
                      shortentry %yesorno; "0"
                      verified %yesorno; "0"
                      %bodyatt;
                      %secur; >

<!ELEMENT checkout     - o (%parazero;) >
<!ATTLIST checkout     tocentry %yesorno; "1"
                      shortentry %yesorno; "0"
                      verified %yesorno; "0"
                      %bodyatt;
                      %secur; >

<!ELEMENT checkpt      - o (%text;) >
<!ATTLIST checkpt      %secur; >

<!ELEMENT classdef     - - ((nomen, wuc?, checkpt, defect, howmal?,
                           action)+) >
<!ATTLIST classdef     tocentry %yesorno; "1"
                      shortentry %yesorno; "0"
                      verified %yesorno; "0"
                      %bodyatt;
                      %secur; >
```

```

<!ELEMENT cleaning      - o (%parazero;) +(matproc | paintmark) >
<!ATTLIST cleaning      tocentry %yesorno; "1"
                          shortentry %yesorno; "0"
                          verified %yesorno; "0"
                          %bodyatt;
                          %secur; >

<!ELEMENT clothing      - o (subpara1+) >
<!ATTLIST clothing      %secur; >

<!ELEMENT cmbrrprep      - o (intcomp, extcomp, cmbrrrem, seamarea) >
<!ATTLIST cmbrrprep      %secur; >

<!ELEMENT cmbrrrem       - o (%nparcon;, subpara2*) >
<!ATTLIST cmbrrrem       tocentry %yesorno; "1"
                          shortentry %yesorno; "0"
                          verified %yesorno; "0"
                          %bodyatt;
                          %secur; >

<!ELEMENT colornum       - o (%text;) >
<!ATTLIST colornum      %secur; >

<!ELEMENT compunpack     - o (%parazero;) >
<!ATTLIST compunpack     tocentry %yesorno; "1"
                          shortentry %yesorno; "0"
                          verified %yesorno; "0"
                          %bodyatt;
                          %secur; >

<!ELEMENT concept        - o (%parazero;) >
<!ATTLIST concept        tocentry %yesorno; "1"
                          shortentry %yesorno; "0"
                          verified %yesorno; "0"
                          %bodyatt;
                          %secur; >

<!ELEMENT condition      - o (%text;) >
<!ATTLIST condition      %secur; >

<!ELEMENT configtab      - o (para0, table) >
<!ATTLIST configtab      %secur; >

<!ELEMENT contswp        - o (%wp;, wpforewd, safesum?, concept, compunpack,
                          aurbreakout) +(figure | table | ftnote) >
<!ATTLIST contswp        chgno NUMBER "0"
                          %bodyatt;
                          %secur; >

```

```

<!ELEMENT cpiipara      - o (%nparcon;, subpara2*) >
<!ATTLIST cpiipara      tocentry %yesorno; "1"
                        shortentry %yesorno; "0"
                        verified %yesorno; "0"
                        %bodyatt;
                        %secur; >

<!ELEMENT decont        - o (para0, description, symptom, firstaid, personnel,
                        clothing, equip, solution, minorleak, majorleak,
                        agentitem, agentspill) >
<!ATTLIST decont        %secur; >

<!ELEMENT defect        - o (%text;) >
<!ATTLIST defect        %secur; >

<!ELEMENT depotswp      - - (%wp;, wpforewd, safesum?, techinfo)
                        +(figure | table | foldout) >
<!ATTLIST depotswp      chgno NUMBER "0"
                        %bodyatt;
                        %secur; >

<!ELEMENT description    - o (subpara1+) >
<!ATTLIST description    %secur; >

<!ELEMENT disassembly    - o (%parazero;) >
<!ATTLIST disassembly    tocentry %yesorno; "1"
                        shortentry %yesorno; "0"
                        verified %yesorno; "0"
                        %bodyatt;
                        %secur; >

<!ELEMENT discrep        - o (%text;) >
<!ATTLIST discrep        %secur; >

<!ELEMENT docssmp        - - (front, aiwp, forewordwp, safesumwp, sttecwp,
                        phswp, inspreqwp, maintwp, ipbwp?, ddwp?,
                        foldsect?) +(pgbrk | brk) >
<!ATTLIST docssmp        service %service; 'AF'
                        %docatt;
                        %secur; >

<!ELEMENT dropcomp      - - (para0, (nomen, condition, dropdist, action)+)
                        +(ftnote | warning | caution | note) >
<!ATTLIST dropcomp      tocentry %yesorno; "1"
                        shortentry %yesorno; "0"
                        verified %yesorno; "0"
                        %bodyatt;
                        %secur; >

```

```
<!ELEMENT dropdist      - o (%text;) >
<!ATTLIST dropdist      %secur; >

<!ELEMENT emptycon      - o (%parazero;) >
<!ATTLIST emptycon      tocentry %yesorno; "1"
                        shortentry %yesorno; "0"
                        verified %yesorno; "0"
                        %bodyatt;
                        %secur; >

<!ELEMENT equip         - o (subpara1+) >
<!ATTLIST equip         %secur; >

<!ELEMENT extcomp       - o (%nparcon;, subpara2*) >
<!ATTLIST extcomp       tocentry %yesorno; "1"
                        shortentry %yesorno; "0"
                        verified %yesorno; "0"
                        %bodyatt;
                        %secur; >

<!ELEMENT filling       - o (%parazero;) >
<!ATTLIST filling       tocentry %yesorno; "1"
                        shortentry %yesorno; "0"
                        verified %yesorno; "0"
                        %bodyatt;
                        %secur; >

<!ELEMENT fire          - o (%parazero;) >
<!ATTLIST fire          tocentry %yesorno; "1"
                        shortentry %yesorno; "0"
                        verified %yesorno; "0"
                        %bodyatt;
                        %secur; >

<!ELEMENT firstaid      - o (subpara1+) >
<!ATTLIST firstaid      %secur; >

<!ELEMENT ground        - o (%parazero;) >
<!ATTLIST ground        tocentry %yesorno; "1"
                        shortentry %yesorno; "0"
                        verified %yesorno; "0"
                        %bodyatt;
                        %secur; >
```

```

<!ELEMENT handling      - o (%parazero;) >
<!ATTLIST handling      tocentry %yesorno; "1"
                        shortentry %yesorno; "0"
                        verified %yesorno; "0"
                        %bodyatt;
                        %secur; >

<!ELEMENT howmal        - o (%text;) >
<!ATTLIST howmal        %secur; >

<!ELEMENT inspect       - o (%parazero;) >
<!ATTLIST inspect       tocentry %yesorno; "1"
                        shortentry %yesorno; "0"
                        verified %yesorno; "0"
                        %bodyatt;
                        %secur; >

<!ELEMENT inspecttab    - - (para0, ((insp, defect, action)+,
                        subpara1)+) +(ftnote | warning | caution |
                        note) >
<!ATTLIST inspecttab    tocentry %yesorno; "1"
                        shortentry %yesorno; "0"
                        verified %yesorno; "0"
                        %bodyatt;
                        %secur; >

<!ELEMENT inspeval      - o (subpara1+) +(classdef) >
<!ATTLIST inspeval      %secur; >

<!ELEMENT inspproc      - o (ripara?, sipara?, pipara?, piipara?,
                        cpiipara?, smipara?, rmipara?, spipara?,
                        subpara1*, inspeval?) >
<!ATTLIST inspproc      %secur; >

<!ELEMENT inspreqwp     - - (%wp;, wpforewd, safesum?, inspproc,
                        testproc, inspswp?, trainswp?, contswp?)
                        +(figure | table | foldout) >
<!ATTLIST inspreqwp     chgno NUMBER "0"
                        %bodyatt;
                        %secur; >

<!ELEMENT inspswp       - o (%wp;, wpforewd, safesum?, %insps;) +(figure
                        | table | foldout) >
<!ATTLIST inspswp       chgno NUMBER "0"
                        %bodyatt;
                        %secur; >

```



```

<!ELEMENT intcomp      - o (%nparcon;, subpara2*) >
<!ATTLIST intcomp      tocentry %yesorno; "1"
                        shortentry %yesorno; "0"
                        verified %yesorno; "0"
                        %bodyatt;
                        %secur; >

<!ELEMENT itemno       - o (%text;) >
<!ATTLIST itemno       %secur; >

<!ELEMENT livemunswp   - - (%wp;, wpforewd, safesum?, techinfo)
                        +(figure | table | foldout) >
<!ATTLIST livemunswp   chgno NUMBER "0"
                        %bodyatt;
                        %secur; >

<!ELEMENT location     - o (%text;) >
<!ATTLIST location     %secur; >

<!ELEMENT maintinst    - o (%parazero;) >
<!ATTLIST maintinst    tocentry %yesorno; "1"
                        shortentry %yesorno; "0"
                        verified %yesorno; "0"
                        %bodyatt;
                        %secur; >

<!ELEMENT maintwp      - - (%wp;, wpforewd, safesum?, %maint;) +(figure
                        | table | foldout) >
<!ATTLIST maintwp      chgno NUMBER "0"
                        %bodyatt;
                        %secur; >

<!ELEMENT majorleak    - o (subparal+) >
<!ATTLIST majorleak    %secur; >

<!ELEMENT material     - o (%text;) >
<!ATTLIST material     %secur; >

<!ELEMENT matproc      - - ((discrep, material, (spec | (partno, (cage |
                        (name, address))))), step1+)+) +(ftnote |
                        warning | caution | note) >
<!ATTLIST matproc      tocentry %yesorno; "1"
                        shortentry %yesorno; "0"
                        verified %yesorno; "0"
                        %bodyatt;
                        %secur; >

```

```
<!ELEMENT maxtemp      - o (%text;) >
<!ATTLIST maxtemp      %secur; >

<!ELEMENT mconsum      - - ((itemno, partno, (cage | (name, address)),
                             nomen)+)  +(ftnote | warning | caution | note)
                             >
<!ATTLIST mconsum      tocentry %yesorno; "1"
                        shortentry %yesorno; "0"
                        verified %yesorno; "0"
                        %bodyatt;
                        %secur; >

<!ELEMENT minorleak     - o (subparal+) >
<!ATTLIST minorleak     %secur; >

<!ELEMENT mintemp       - o (%text;) >
<!ATTLIST mintemp       %secur; >

<!ELEMENT mtelist       - - ((itemno, partno, (cage | (name, address)),
                             nomen)+)  +(ftnote | warning | caution | note)
                             >
<!ATTLIST mtelist      tocentry %yesorno; "1"
                        shortentry %yesorno; "0"
                        verified %yesorno; "0"
                        %bodyatt;
                        %secur; >

<!ELEMENT packaging     - o (%parazero;) >
<!ATTLIST packaging     tocentry %yesorno; "1"
                        shortentry %yesorno; "0"
                        verified %yesorno; "0"
                        %bodyatt;
                        %secur; >

<!ELEMENT paintmark     - - ((nomen, spec, colornum, step1+)+)  +(ftnote
                        | warning | caution | note) >
<!ATTLIST paintmark     tocentry %yesorno; "1"
                        shortentry %yesorno; "0"
                        verified %yesorno; "0"
                        %bodyatt;
                        %secur; >

<!ELEMENT personnel     - o (subparal+) >
<!ATTLIST personnel     %secur; >
```

```

<!ELEMENT pgmswp      - - (%wp;; wpforewd, concept, inspect, disassembly,
                           reprepl, assembly, servicing, cleaning)
                           +(foldout | table | figure) >
<!ATTLIST pgmswp      chgno NUMBER "0"
                           %bodyatt;
                           %secur; >

<!ELEMENT phswp      - - (%wp;; wpforewd, safesum?, %phs;)  +(figure |
                           table | foldout) >
<!ATTLIST phswp      chgno NUMBER "0"
                           %bodyatt;
                           %secur; >

<!ELEMENT piipara    - o (%nparcon;; subpara2*) >
<!ATTLIST piipara    tocentry %yesorno; "1"
                           shortentry %yesorno; "0"
                           verified %yesorno; "0"
                           %bodyatt;
                           %secur; >

<!ELEMENT pipara     - o (%nparcon;; subpara2*) >
<!ATTLIST pipara     tocentry %yesorno; "1"
                           shortentry %yesorno; "0"
                           verified %yesorno; "0"
                           %bodyatt;
                           %secur; >

<!ELEMENT prepstor   - o (%parazero;) >
<!ATTLIST prepstor   tocentry %yesorno; "1"
                           shortentry %yesorno; "0"
                           verified %yesorno; "0"
                           %bodyatt;
                           %secur; >

<!ELEMENT prepuse    - o (%parazero;) >
<!ATTLIST prepuse    tocentry %yesorno; "1"
                           shortentry %yesorno; "0"
                           verified %yesorno; "0"
                           %bodyatt;
                           %secur; >

<!ELEMENT remark     - o (%parazero;) >
<!ATTLIST remark     tocentry %yesorno; "1"
                           shortentry %yesorno; "0"
                           verified %yesorno; "0"
                           %bodyatt;
                           %secur; >

```

```
<!ELEMENT repackseal      - o (%parazero;) >
<!ATTLIST repackseal      tocentry %yesorno; "1"
                           shortentry %yesorno; "0"
                           verified %yesorno; "0"
                           %bodyatt;
                           %secur; >

<!ELEMENT reprepl         - o (%parazero;) >
<!ATTLIST reprepl         tocentry %yesorno; "1"
                           shortentry %yesorno; "0"
                           verified %yesorno; "0"
                           %bodyatt;
                           %secur; >

<!ELEMENT ripara          - o (%nparcon;, subpara2*) >
<!ATTLIST ripara          tocentry %yesorno; "1"
                           shortentry %yesorno; "0"
                           verified %yesorno; "0"
                           %bodyatt;
                           %secur; >

<!ELEMENT rmipara         - o (%nparcon;, subpara2*) >
<!ATTLIST rmipara         tocentry %yesorno; "1"
                           shortentry %yesorno; "0"
                           verified %yesorno; "0"
                           %bodyatt;
                           %secur; >

<!ELEMENT safesumwp       - - (wpidinfo, lrp?, %sswp;, para0) +(figure |
                           table) >
<!ATTLIST safesumwp       chgno NUMBER "0"
                           %bodyatt;
                           %secur; >

<!ELEMENT seamarea        - o (%nparcon;, subpara2*) >
<!ATTLIST seamarea        tocentry %yesorno; "1"
                           shortentry %yesorno; "0"
                           verified %yesorno; "0"
                           %bodyatt;
                           %secur; >
```

```
<!ELEMENT seqplist      - - ((partno, (cage | (name, address)), figno,
                             nomen, use)+) +(ftnote | warning | caution |
                             note) >
<!ATTLIST seqplist      tocentry %yesorno; "1"
                        shortentry %yesorno; "0"
                        verified %yesorno; "0"
                        %bodyatt;
                        %secur; >

<!ELEMENT sequence      - o (%parazero;) >
<!ATTLIST sequence      tocentry %yesorno; "1"
                        shortentry %yesorno; "0"
                        verified %yesorno; "0"
                        %bodyatt;
                        %secur; >

<!ELEMENT servicing     - o (%parazero;) >
<!ATTLIST servicing     tocentry %yesorno; "1"
                        shortentry %yesorno; "0"
                        verified %yesorno; "0"
                        %bodyatt;
                        %secur; >

<!ELEMENT servlife     - o (%text;) >
<!ATTLIST servlife     %secur; >

<!ELEMENT shelf        - o (%text;) >
<!ATTLIST shelf        %secur; >

<!ELEMENT sipara       - o (%nparcon;, subpara2*) >
<!ATTLIST sipara       tocentry %yesorno; "1"
                        shortentry %yesorno; "0"
                        verified %yesorno; "0"
                        %bodyatt;
                        %secur; >

<!ELEMENT smipara      - o (%nparcon;, subpara2*) >
<!ATTLIST smipara      tocentry %yesorno; "1"
                        shortentry %yesorno; "0"
                        verified %yesorno; "0"
                        %bodyatt;
                        %secur; >

<!ELEMENT solution     - o (subpara1+) >
<!ATTLIST solution     %secur; >
```

```
<!ELEMENT spdlist      - - ((partno, (cage | (name, address)), figno,
                           nomen, use)+) +(ftnote | warning | caution |
                           note) >
<!ATTLIST spdlist      tocentry %yesorno; "1"
                        shortentry %yesorno; "0"
                        verified %yesorno; "0"
                        %bodyatt;
                        %secur; >

<!ELEMENT spipara      - o (%nparcon;, subpara2*) >
<!ATTLIST spipara      tocentry %yesorno; "1"
                        shortentry %yesorno; "0"
                        verified %yesorno; "0"
                        %bodyatt;
                        %secur; >

<!ELEMENT stordata     - - (para0, (storitem, mintemp?, maxtemp?, shelf,
                           servlife)+) +(ftnote | warning | caution |
                           note) >
<!ATTLIST stordata     tocentry %yesorno; "1"
                        shortentry %yesorno; "0"
                        verified %yesorno; "0"
                        %bodyatt;
                        %secur; >

<!ELEMENT storitem     - o (nomen, eqpttype?, modelno?, partno) >
<!ATTLIST storitem     %secur; >

<!ELEMENT storreq      - o (%parazero;) >
<!ATTLIST storreq      tocentry %yesorno; "1"
                        shortentry %yesorno; "0"
                        verified %yesorno; "0"
                        %bodyatt;
                        %secur; >

<!ELEMENT symptom      - o (subparal+) >
<!ATTLIST symptom      %secur; >

<!ELEMENT teprep       - o (%parazero;) >
<!ATTLIST teprep       tocentry %yesorno; "1"
                        shortentry %yesorno; "0"
                        verified %yesorno; "0"
                        %bodyatt;
                        %secur; >
```

```
<!ELEMENT testproc      - o (%parazero;) >
<!ATTLIST testproc      tocentry %yesorno; "1"
                        shortentry %yesorno; "0"
                        verified %yesorno; "0"
                        %bodyatt;
                        %secur; >

<!ELEMENT testrec       - o (%parazero;) >
<!ATTLIST testrec       tocentry %yesorno; "1"
                        shortentry %yesorno; "0"
                        verified %yesorno; "0"
                        %bodyatt;
                        %secur; >

<!ELEMENT torque        - o (%text;) >
<!ATTLIST torque        %secur; >

<!ELEMENT torquereq     - - (para0+, (nomen, location, torque)+
                        +(ftnote | warning | caution | note) >
<!ATTLIST torquereq     tocentry %yesorno; "1"
                        shortentry %yesorno; "0"
                        verified %yesorno; "0"
                        %bodyatt;
                        %secur; >

<!ELEMENT tpgmswp       - - (%wp;, wpforewd, safesum?, concept, inspect,
                        disassembly, reprepl, assembly, servicing,
                        cleaning) +(figure | table | foldout) >
<!ATTLIST tpgmswp       chgno NUMBER "0"
                        %bodyatt;
                        %secur; >

<!ELEMENT trainmunswp   - - (%wp;, wpforewd, safesum?, techinfo)
                        +(figure | table | foldout) >
<!ATTLIST trainmunswp   chgno NUMBER "0"
                        %bodyatt;
                        %secur; >

<!ELEMENT trainswp      - o (%wp;, wpforewd, safesum?, %insps;) +(figure
                        | table | ftnote) >
<!ATTLIST trainswp      chgno NUMBER "0"
                        %bodyatt;
                        %secur; >
```

```
<!ELEMENT unpack      - o (%parazero;) >
<!ATTLIST unpack      tocentry %yesorno; "1"
                      shortentry %yesorno; "0"
                      verified %yesorno; "0"
                      %bodyatt;
                      %secur; >
```

```
<!ELEMENT wuc         - o (%text;) >
<!ATTLIST wuc         %secur; >
```

```
<!-- ***** END OF FILE ***** -->
```