

OTHER 63029 AMCOM SUPPLEMENT
MIL-PRF-63029F AND MIL-PRF-63029G DTD AND FOSI
SUPPLEMENT

HOW TO USE THE

ARMY'S MIL-PRF-63029F and MIL-PRF-63029F DTD AND FOSI(S) version 5.4

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U.S. ARMY AVIATION AND MISSILE COMMAND

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Cover	0	2-1	0
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B Blank	0	2-3	0
i	0	2-4	0
1-1	0	2-5	0
1-2	0		

*Zero in this column indicates an original page.

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**MIL-PRF-63029F and MIL-PRF-63029G DTD and FOSI Supplement
HOW TO USE THE**

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REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

Beneficial comments (recommendations, additions, deletions) and any pertinent data which may be of use in improving this documentation should be addressed to: Commander, U.S. Army Aviation and Missile Command (AMCOM), ATTN: AMSAM-MSS-LP (LEACH), Redstone Arsenal, AL 35898-5000 or e-mail to:Allissa.Leach@us.army.mil.

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CHAPTER 1 GENERAL INFORMATION

SECTION I. SCOPE

This supplement will address the changes to the 3 DTDs, 63029G-Common entities, and 3 FOSIs supplied by AMCOM. The DTD and FOSIs are CL, MTF, and Dash10. Authorization of any suggested changes to the DTD must be authorized by AMCOM, IMMC Publication Services.

SECTION II. APPLICABLE DOCUMENTS

The requirements to develop TMs are to adhere to the standards set forth in MIL-PRF-63029G, AR 25-30, and AR 25-40.

SECTION III. IDENTIFYING ERRORS OR ISSUES

Submission of problems or recommended changes to the DTD and FOSI should use the layout as described below. The more detail and narrative you provide the better we can understand your issues.

Element Name	<inspec-form>
Sample XML	See attached XML file named: problem-inspec-form.xml and sample PDF
Narrative and Description of Problem or Recommended Change	Your name, Your Organization Name and Address, Phone Number and/or DSN Number
POC E-mail Address	Your E-mail Address

SECTION IV. INSTALLING DTD, ENTITIES, FOSI AND FONTS

1-1. FILE LOCATIONS.

a. DTD and FOSI. Arbortext's working structure requires a custom%doctypes folder in which each DTD will have its own folder with the same name as the DTD (without the .dtd extension). In Arbortext's custom directory is also an entities folder. The 63029G-entities and 63029Common.ent file are to be placed in the %custom%entities%63029Gentities folder.

b. Common Graphics. The caution and warning graphics as well as the emergency border graphics are to be placed in the %custom%graphics folder.

1-2. TWEAKING ENTITIES FILE. The 63029GCommon.ent file has a path definition for the in-house server. You will need to open that file in a text editor and edit line 3. The path name for atimath entity should be changed to point directly to the atimathx.dtd file on your system. This issue is being researched and may be resolved in future releases.

1-3. SETTING UP CIRCLE FONTS To install the circle fonts required for co-pilot responsible steps, the following 3 circle font files must be placed in the C:%WINDOWS%fonts directory. Windows will automatically run the install to recognize the font set.

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1. circlealph.ttf
2. circleNum.ttf
3. circlefont.ttf

These files can be downloaded from the pubswab DTD-n-FOSI website.

**CHAPTER 2
CREATING MANUALS**

SECTION I. GRAPHICS

NOTE

As a rule of thumb, make sure the Graphic size for graphics are full page, 1/2 page, 1/4 page, or 1/8 page of at least 600 DPI. Determine the size of the graphic by measuring from the top of the graphic to the bottom. More than one illustration may be placed in the designated graphic area. The illustrator should design the graphic to fit the given dimension. Shrinking and enlarging may lose clarity of the illustration.

Reference the document titled "Printer_Setting_for_CGM_Graphics.PDF. This document illustrates how to verify the settings for your printer to properly output an EPIC generated PDF that has CGM graphics. Contact your System Administrator to modify your printer settings.

SECTION II. TOUCH UP AND PROCESS INSTRUCTIONS

2-1. Touchup (Process instruction or PI) should be used cautiously. Before using PIs in Arbortext, consult Publication Services DTD/FOSI team. Refer to Section III to submit a problem report to the Publication Services DTD/FOSI administrator.

SECTION III. ELEMENTS AND ATTRIBUTES.

2-2. ATTRIBUTES DEFINED.

1. Column 1: DTD — denotes the DTD the element is in.
2. Column 2: Element Name
3. Column 3: Attribute Name. An asterisk (*) denotes the attribute is required.
4. Column 4: Explanation of the content of the attribute and how it is used by the FOSI.

Table 2-1. Element to Attribute Matrix

Table 2-1. Element to Attribute Matrix — Continued

(1) DTD	(2) Element	(3) Attribute Name	(4) Content	
CL, Dash10 and MTF	Conditionnew		Starts a sequence of grouped conditions beginning with a <para> and then step "1".	
	Conditioncont		Allows an introductory <para> and then continues the step numbering of the condition.	
	Designator	desig		Used to provide text that is to be reverse video, i.e. <designator desig="EH"> displays EH in reverse video..
	Emphasis	type		= bold
				= bolditalic
				= boldundl
				= dotfill
				= italic
				= quote
				= subscript
				= superscript
				= undl
		= undlitalic		
	Graphic	Reprowid		Measurement value of the graphic, i.e., 300pt or 4in
		Reprowid		Measurement value of the graphic, i.e., 300pt or 4in
	Figure			Requires <title> tag
		Pgbrk		=1 ,starts a new page
	Foldout	pgstyle		NOTE A foldout in a CI or MTF defaults to 13 x 8
				= 11in x 17in
				= 11in x 20.5in
				=11x24 =11x27.5
				=11x31 =11x34.5
				=11x38 =11x41.5
Para0	pgbrk		=1, Starts a new page	
	pgnumber		New page number	
	chglevel		Change level, i.e. 1 for change level 1	
Parareponse			Groups a <para> tag with a required <response> tag.	
Conditioncont conditionnew Step1 Step2 Step3 Step4 Step5 Step6 Step7 Check Sub-Check	Pgbrk		=1, Starts a new page	
	Circle-CoPilotResponsible		=1 to create circled step number or letter designating the co-pilot as responsible for that step. Refer to chart of symbols for required label entry method	

Table 2-1. Element to Attribute Matrix — Continued

(1) DTD	(2) Element	(3) Attribute Name	(4) Content	
MTF	ListOfCharts		List of Charts	
	ListOfProcedures		List of procedures	
	Special-Procedure specialprocs	Pgbrk		=1 starts a new page
		Pgnumber		New page number
		Chglevel		Change level number
		type		=epg denotes even page
				=opg denotes odd page
		=npg denote next page		
CL	alternatedcl		Output will be a two sided 8.5in x 11in CheckList (CL)	
	standardcl		Output will be 4.5in x 8in standard CheckList (CL)	
	engine bailout electrical emergency fire flightctrls fuel geninfo hydraulic landditch missionequip normal otherprocs perpdata proprotor thruflight	AuthoredTitle		Text entered here will override the standard title.
		Chglevel		Change number
		delchlvl		Not used
		id		Cross reference ID of the element
		Inshcivl		Not used
		Label		Not used
		Pgrk		=0 default
				=1 starts a new page
		pgnumber		Page Number used in concert with the attribute pgbrk
		revchg		=0 Denotes no revision
				=1 Denotes Revision

SECTION IV. SPECIAL TAGGING INSTRUCTIONS

2-3. STEP FORMAT. To indicate a step that the co-pilot is responsible to complete, a circle must be around the step number/letter. The <step> attribute **Circle-CoPilotResponsible** is set to 1 and the **label** is set to the corresponding entry according to . The following diagram is an explanation of how to generate the number or letter with a circle.

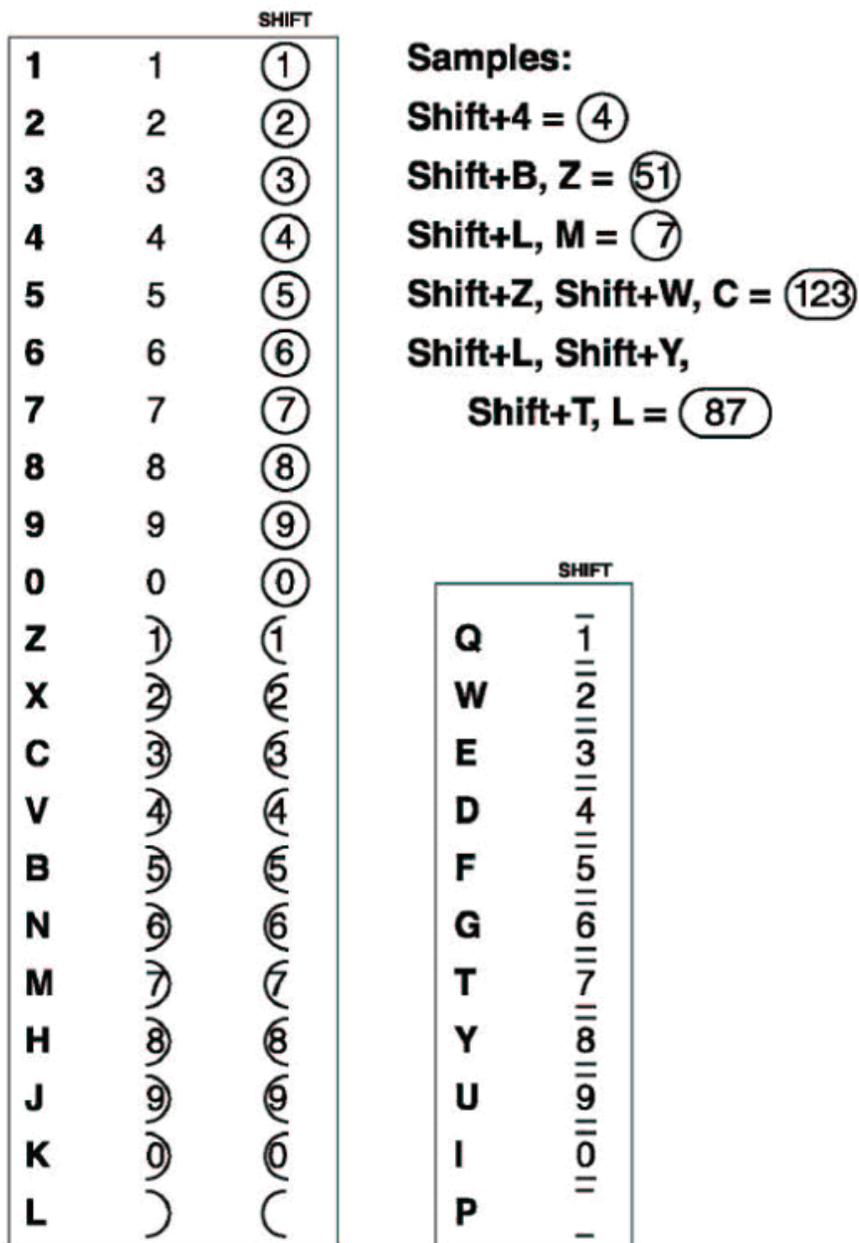


Figure fig1-1. Circle Fonts

SECTION V. MULTI-VOLUME MANUALS (63029G ONLY)

NOTE

Volumes have only been enabled in the Operator's Manual in the 63029G version.

2-4. IDENTIFYING MULTI-VOLUMES. The <volnum> tag immediately follows <tmidno> and shall have the volume number inserted in it if the publication is multi-volume. This field is inserted to identify that the manual is a multivolume book and that particular volume's number. To begin the next volume, the <volumerear> tag is used to indicate the end of one volume and <volumefront> tag indicates the beginning of the next volume.

2-5. FRONT MATTER.

NOTE

When tagged accurately, the autogenerated listings (LEP, TOC, and Index) will display correctly in 2-volume manuals, but are required to be manually tagged in 3-volume manuals.

The first volume of a multi-volume Operator's Manual, will begin with the regular <front> tag. This will signal to the stylesheet that the automatically generated LEP and TOC shall include the entire manual.

The remainder of the volumes will begin with the <volumefront> tag. The <volumefront> tag will indicate to the system that the TOC and LEP will be only for that volume.

a. Table of Contents. The TOC requires an <auto> tag for auto-generated listing.

b. List of Effective Pages. The required tag, <totalpgct> inserts the page count in the standard "Total Number of Pages..." statement. The LEP is auto-generated when the <auto> tag is inserted, or can be manually tagged by choosing <leprent>.

2-6. REAR MATTER. The ending of a volume is identified by inserting the <volumerear> or <rear> tag.

a. Index <index>. The index in the <volumerear> matter shall be the index for that volume. The index in the <rear> matter shall be the entire publication index. Either of these <index> listings may be autogenerated by using the <auto> tag or manually entered by using the <indexhd> for alphabet headers and <indexentry> for each entry. The <indexentry> is broken down into <topic> and <pgreference> with <sub-entry> available for further breakdown.

b. Additional Rear Matter. Each volume is allowed to have foldouts using the <foldsect> tag.