

**OTHER 63029J AMCOM SUPPLEMENT**  
**MIL-PRF-63029J DTD AND FOSI SUPPLEMENT**

**HOW TO USE THE**

**ARMY'S MIL-PRF-63029J DTD AND FOSI(S) Version 6.0**

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**U.S. ARMY AVIATION AND MISSILE COMMAND**

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## LIST OF EFFECTIVE PAGES

Insert the latest changed pages in accordance with the instructions on the transmittal sheet.

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**MIL-PRF-63029J DTD and FOSI Supplement  
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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 (DTD-FOSI ADMIN), Redstone Arsenal, AL 35898-5000 or e-mail [tousarmy.redstone.amcom.list.immc-pub-dtd@mail.mil](mailto:tousarmy.redstone.amcom.list.immc-pub-dtd@mail.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

Submittal 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). The 63029G entity files 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 directly in the custom\graphics folder.

**1-2. 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.

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, ½ page, ¼ 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 generate a 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
ALL: CL, Dash10 and MTF	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.
		O-IfInstalled	=1 to display "O" prefix
		F-FlightEngineer	=1 to display "F" prefix
		G-GPS-installed	=1 to display "G" prefix
		Star-InChecklist	=1 to display a star prefix
		I-MandinstrumFlight	=1 to display "I" prefix
		Asterisk-ThroughFlights	=1 to display "*" prefix
		N-NightFlights	=1 to display "N" prefix
		T-OperatorManual	=1 to display "T" prefix
		Dbl-AsteriskMandTestFlt	=1 to display "***" prefix
		E-EnginePerfChk	=1 to display "E" prefix
		Label	If Circle-CoPilotResponsible = 0, the label is the step number
		<p><b>NOTE</b></p> <p>See MIL-PRF-63029 or the last page of this document for sample list of circle fonts.</p>	
	Subpara1 Subpara2 Subpara3 Subpara4 Subpara5 Subpara6 Subpara7	Pgbrk	=1 starts a new page
		Pgnumber	If needed, new page number
		Chglevel	Change level number, i.e., "5"
		type	=epg denotes even page
			=opg denotes odd page
	=npg denote next page		
conditionnew		Starts a sequence of grouped conditions beginning with a <para> and then step "1".	

Table 2-1. Element to Attribute Matrix — Continued

(1) DTD	(2) Element	(3) Attribute Name	(4) Content
ALL: CL, Dash10 and MTF	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.
		spaceafter	= 1 default to include space after = 0 to omit space after
	emphasis	type	= bold
			= bolditalic
			= boldundl
			= dotfill
			= italic
			= quote
			= subscript
			= superscript
			= undl
	= undlitalic		
	fontsize	Not used	
	graphic	Reprowid	Measurement value of the graphic, ie., 300pt or 4in
Reprowid		Measurement value of the graphic, ie., 300pt or 4in	
figure		Requires <title> tag	
	Pgbrk	=1 ,starts a new page	

Table 2-1. Element to Attribute Matrix — Continued

(1) DTD	(2) Element	(3) Attribute Name	(4) Content
ALL: CL, Dash10 and MTF	<p><b>NOTE</b></p> <p>A foldout in a CI or MTF defaults to 13 x 8</p> <p><b>NOTE</b></p> <p>All operator's manual foldouts are output with 8.5" apron.</p>		
	foldout	pgstyle	=11x17 =11x25 =11x35 =11x45 =8x13 = 8x25 =8x35 =8x45
	para0	pgbrk	=1, starts a new page
		pgnumber	new page number
		chglevel	Change level, i.e. 1 for change level 1
	pararesponse	Groups a <para> tag with a required <response> tag.	
		pgbrk	=1 starts on a new page
	Stndtitle	Displays standard titles per the standard or the AuthoredTitle attribute value from the parent tag	
	Subfig	Allows for an optional title tag	
	Table	=0 is the default numbers and displays the table title	
		=1 does not number the table	
	NotApplicable	Generates the text "Not Applicable" and will not require the inclusion of the sections.	

Table 2-1. Element to Attribute Matrix — Continued

(1) DTD	(2) Element	(3) Attribute Name	(4) Content
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 perfddata proprtor thruflight check subcheck	AuthoredTitle	Text entered here will override the standard title.
		blankpgchglvl	= change level
		blankpgnum	= change level
		Chglevel	Change number
		delchlvl	Not used
		id	Cross reference ID of the element
		Inshclvl	Not used
		Label	Not used
		Pgrk	=0 default =1 starts a new page
		pgnumber	Page Number used in concert with the attribute pgbrk
		pagetype	= select the page type from this list: bodypg, n-bodypg, body-landpg, emergpg,, perfddata-figpg,, foldout17, foldout25, foldout35, foldout45, or rear
		revchg	=0 Denotes no revision =1 Denotes Revision

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
	DASH10	abbreventry	id	the contents of element abbrev are saved and can be used when the attribute xref on element xref is used

## SECTION IV. DESIGNATOR

**2-3.** Designators placed with a section/paragraph title will apply to all material subordinate to that title. If only portions of a paragraph apply, then designators should be placed immediately before the effective material and effectivity will terminate with the end of the sentence or upon encountering a different designator.

**2-4.** Designators placed at the beginning of a check will apply to all steps within the check.

**2-5.** Designators placed at the beginning of a step will only apply to that step.

**2-6.** To reduce confusion in rare cases, brackets may surround material effective to the designator (e.g., -1 [effective text here]).

**2-7.** Designators should be used with figure titles when the designator effectivity applies to the whole figure. If only parts of a figure apply, the designators shall be placed prior to the index numbers/markers/pointers on the figure.

**2-8.** Designators should be used with table titles when the designator effectivity applies to the whole table.

- a. If only parts of a table apply, the designators shall be placed at the beginning of the effective row/column/cell as appropriate.
- b. A designator placed in the first cell of a row or column will apply to the whole row or column unless a note states otherwise.
- c. A designator placed in a cell within a table will apply only to that cell unless a note states otherwise.

## SECTION V. SPECIAL TAGGING INSTRUCTIONS

**2-9. 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 corre-

spending entry according to . The following diagram is an explanation of how to generate the number or letter with a circle.

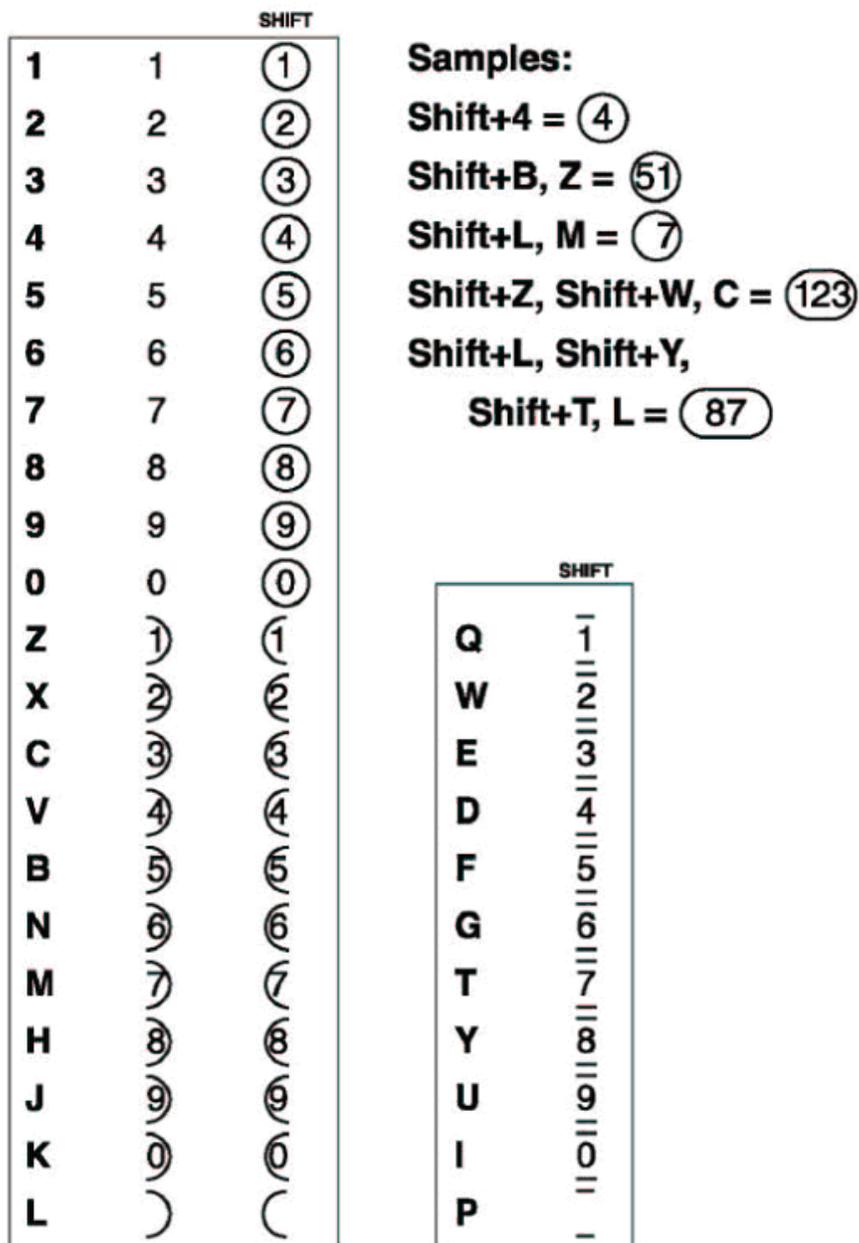


Figure . Circle Fonts

## SECTION VI. MULTI-VOLUME MANUALS (63029J ONLY)

### NOTE

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

**2-10. IDENTIFYING MULTI-VOLUMES.** The <volnum> tag immediately follows <dash10>. To begin the next volume, insert <volume> after the </volume> tag.

**2-11. VOLUMES.** Only volume 1 will have <chapter1>. Chapters must be in the order as specified in the standard. Each Volume will have its own front matter. Volume 1 front matter will include all volumes front matter (TOC, LEP, Change Insert Sheet, etc.) and a complete index..

**2-12. 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 multi-volume manuals.**

Each 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.

**2-13. REAR MATTER.** Each volume may have an index (<index>)and foldouts (<foldsect>). The last volume will have the references (<references>), abbreviations (<abbreviations>), appendices (<appendix>), , a full index (<index>) of all volumes, foldouts (<foldout>), the DA 2028 (<da2028>), authent (<authent>), and metrics (<metric>).

**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.