



XEROX 4045 COMMANDS						
< > Do not type these brackets. Data within these special brackets contain optional information, user selected choices, or variable values. <Esc> & <UDK> = Escape character and User Defined Key. User's choice dependent on preference and capability of host. <LE> = Line-ending sequence. , <comment> is optional for all commands where the option is given.						
Feature	Default	Command	Placement in Job	Cancel or End Command	Notes	
Absolute Text Placement (See instructions on other side of card under Absolute Text Placement)						
Bolding Start	No bold	<Esc>b	Beginning of text to be bolded	Reset, Bold Stop		
Bolding Stop		<Esc>p	End of text to be bolded			
Centering	No centering	<Esc>q	Within line	Line-end		
Character Table	Standard ASCII or EBCDIC Bit Map	<Esc> + T, <comment> <LE>	Before Char. Table	Overwriting or Language command		
Data Monitor Start		<Esc> + D	Anywhere	Reset, Power Off	Prints hexadecimal characters as well as ASCII characters.	
Data Monitor End		<Esc> + X	Data Anywhere			
Drawing Lines Black (See instructions on other side of card under Drawing Horizontal and Vertical Line Commands)						
Font						
Load	Resident, plus any installed cartridge fonts	<Esc> + F, <comment> <LE>	Before font data	Overwrite or Delete Selected Fonts. <Esc>X'1B' aborts download.	Follow label instructions.	
ID Assignments	Default font	<Esc> + <n> <font name> <LE> <n> = 0-9	Anywhere	New assignment or Reset		
Change	Default font	<Esc> <n> <n> = 0-9	Anywhere	New Sequence		
Unload	Downloaded fonts	<Esc> + U, <comment> <LE>	Before job	New font load	Cancels Font ID assignments.	
Add Selected	Resident, plus installed cartridge fonts, or previously downloaded fonts.	<Esc> + A, <comment> <LE>	Before font data	Overwrite Font Load or Delete Selected Font	Unloads a constant page. Loads selected fonts.	
Delete Selected	Downloaded fonts	<Esc> + B, <comment> <LE> <font name,...,font name> <LE>	Before font name data	Overwriting	Unloads a constant page. Deletes selected fonts.	
Graphic Window		<Esc>gw<n <sub>1</sub> >;<n <sub>2</sub> ,n <sub>3</sub> ,n <sub>4</sub> ,n <sub>5</sub> > <LE><graphic data>  <n <sub>1</sub> >= magnification, input 2  <n <sub>2</sub> >= x coordinate  <n <sub>3</sub> >= y coordinate  <n <sub>4</sub> >= length in dots parallel to short edge  <n <sub>5</sub> >= length in dots parallel to long edge		Before graphics data		See the 4045 User Manual, Chapter 3, for options, limitations and constraints.
Horizontal Tab Clear		<Esc>d	Anywhere			
Horizontal Tab Set	See defaults	<Esc>t<n <sub>1</sub> ...,n <sub>160</sub> <LE> <n> = in 1/60" or 1/300"*	Anywhere	Horiz, Tab Clear Reset	Max. 160 per command	
Justification Start	No justification	<Esc>j	Beginning of text	Reset, Justification Stop	Justification has limits according to font size.	
Justification Stop		<Esc>k	End of text			
Language	User selectable	<Esc>z l <c> l = lower case L <c> = 0-9, A-H	Anywhere	Reset	See manuals for ISO fonts.	
Line Spacing (font based)	Single space	<Esc>i <n> <n> = 0 = 1 1 = 1½ 2 = 2 3 = 3 4 = ½	At line immediately prior to where Line Spacing begins	New sequence or Reset		
Margin Setting	See defaults	<Esc>m<S,T,B,L,R> <LE> S = Size of paper T = Top margin B = Bottom margin L = Left margin R = Right margin	Anywhere	New margin or Reset	Units = 1/60th or 1/300th"*	
Merge-Page Load	No constant page in memory	<Esc> + M, <comment> <LE>	Beginning of constant page	Merge Page Unload	End load with Page End, Print Job or Reset.	
Merge-Page Unload		<Esc> + V, <comment> <LE>	Anywhere	None		
Merge Start	No merge	<Esc>ze	Anywhere	Merge Stop	Merged pages may be of different orientations.	
Merge Stop	No default	<Esc>zd	Anywhere			
Overstrike Start	No overstrike	<Esc>z o <c> <c> = overstrike character	Beginning of text to be overstruck	Reset, Overstrike Stop	Spaces not overstruck. If line has multiple fonts, overstrike character changes with new font.	
Overstrike Stop		<Esc>zp	End of text to be overstruck			
Print Job		<Esc> + P, <comment> <LE>	Beginning and end of job.	Reset or new command	Used as job delimiter.	
Relative Text Placement (See instructions on other side of card under Relative Text Placement)						
Reset (End of Job)		<Esc> + X <LE>	End of Job			
Subscript Start	Baseline printing	<Esc>l l = lowercase L	Beginning of text to be sub-scripted.	Page end, Reset Subscript Stop		
Subscript Stop		<Esc>s	End of text to be sub-scripted.			
Superscript Start	Baseline printing	<Esc>h	Beginning of text to be super-scripted.	Page end, Reset, Superscript Stop		
Superscript Stop		<Esc>s	End of text to be super-scripted.			
Underline Start	No underline	<Esc>u	Beginning of text to be underlined	Underline Stop		
Underline Stop		<Esc>w	End of text to be underlined			
Units - 1/60th"	1/60th"	<Esc>zg	Anywhere	<Esc>z f or Reset	Changes units for margins and tabs.	
Units - 1/300th"	1/60th"	<Esc>z f	Anywhere	<Esc>z g, or Reset	Changes units for margins and tabs.	
User-Defined Key	Esc Character	= UDK = <c> <c> = any printable char.	Anywhere	Reset or new UDK	Any printable character except U,D,K, = or Space	
Vertical Tab Set	See defaults	<Esc>v<n <sub>1</sub> ...,n <sub>125</sub> > <LE> <n> = number in 1/60" or 1/300"*	Anywhere	Vertical Tab Clear, Reset	Max. 125 per command	
Vertical Tab Clear		<Esc>e	Anywhere			
VFU Stops Set		<Esc>z v <n> <v <sub>1</sub> ...,v <sub>7</sub> > <LE> <n> = channel 1-12 <v> = ASCII character	Anywhere	Reset	Dataproductions	
VFU Stops Clear		<Esc>zw	Anywhere	Reset		
*Requires Units - 1/60th" or 1/300th" Command						