

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 Change	Default font	<Esc> + <n> <LE> <n> = 0-9	Anywhere	New assignment or Reset	
Unload	Downloaded fonts	<Esc> <n> <n> = 0-9	Anywhere	New Sequence	
Add Selected	Downloaded fonts	<Esc> + U, <comment> <LE>	Before job	New font load	Cancels Font ID assignments.
Delete 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.
	Downloaded fonts	<Esc> + B, <comment> <LE> ,font name> <LE>	Before font name data	Overwriting	Unloads a constant page. Deletes selected fonts.
Graphic Window					
		<Esc> gw <n ₁₂₃ , n ₄ , n ₅ > <LE> <graphic data> <n ₁ > = magnification, input 2 <n ₂ > = x coordinate <n ₃ > = y coordinate <n ₄ > = length in dots parallel to short edge <n ₅ > = 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 ₁₁₆₀ <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 = 1 1/2 2 = 2 3 = 3 4 = 1/2	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> z e	Anywhere	Merge Stop	Merged pages may be of different orientations.
Merge Stop	No default	<Esc> z d	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> z p	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> i l = lowercase L	Beginning of text to be subscripted.	Page end, Reset Subscript Stop	
Subscript Stop		<Esc> s	End of text to be subscripted.		
Superscript Start	Baseline printing	<Esc> h	Beginning of text to be superscripted.	Page end, Reset, Superscript Stop	
Superscript Stop		<Esc> s	End of text to be superscripted.		
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> z g	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 ₁₁₂₅ > <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 ₁₇ > <LE> <n> = channel 1-12 <v> = ASCII character	Anywhere	Reset	Dataproducts
VFU Stops Clear		<Esc> z w	Anywhere	Reset	

*Requires Units - 1/60th" or 1/300th" Command