

MS
 Saiter
 7/14/69

IBM 2741

Terminal Specification
 for
 MIT

<u>Type</u>	<u>Model or Feature</u>	<u>Description</u>	<u>Monthly Rental</u>	<u>Purchase Price</u>
2741	001	Communication Terminal	\$ 98.00	\$4,050.00
	3255	Dial Up	3.00	135.00
	4708	Interrupt	2.50	115.00
	9104	Character Spacing 10/inch	NC	NC
	9114	Data Set Attachment - WE 103A	NC	NC
	9571	Dual Case Print Element - S/360	NC	NC
	9881	115V AC 1 PH 60CY	NC	NC
	9162	Line Space 6 LPI Holes 13 1/8"	NC	NC
	9509	Pin Feed Platen, Regular	--	59.20*
	RPQ	E40681 Trans Intr Ctrl	8.00	280.00
	RPQ	E46148 Auto Add Ans	12.00	375.00
	RPQ	868019 Ribbon Shift	10.00	360.00
	RPQ	E46151 Print Inhibit	10.00	350.00
	RPQ	F20742 Auto EOT Inhibit	10.00	300.00
		TOTAL	\$153.50	\$6,024.20
		Less 20% Educational Allowance	30.70	1,204.84
		Net	\$122.80	\$4,819.36
			-33.60	
			89.20	

\$42
 .8
 \$33.60 (Ed. price)

* Purchase Only

Must also rent 103A dataset

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The five RPQ's of concern are: terminal generated address, transmit interrupt, ribbon shift, print inhibit and inhibit automatic EOT. Specifications for each follow:

(1) Automatic Address Answerback (\$12 monthly rental, \$375 purchase price, \$25 field installation charge, 1.0 hour field installation time): This RPQ enables the 2741, at the central processor's request, to transmit a programmable four character address.

After establishing a dial connection, the operator depresses "Attention." This action places the 2741 in Receive Control. The multiplexor transmits a $\text{\textcircled{D}}$ which places the terminal in Receive Text. A prefix + code sequence transmitted by the multiplexor conditions the terminal's Auto Address Latch. When the terminal is returned to Transmit Text by the multiplexor, the 2741 will automatically transmit a programmable character address, following the normally transmitted $\text{\textcircled{D}}$.

After the fourth Address character, the Auto Address Latch is reset and a $\text{\textcircled{C}}$ is transmitted, again placing the terminal in Receive Control. This is RPQ E46148.

(2) Red Ribbon Control (\$10 monthly rental, \$360 purchase price, \$107 field installation charge, 6.5 hours field installation time): This RPQ provides the 2741 with the ability to shift to and from red printing under the control of a central processor. The 1050 "Punch On" and "Punch Off" characters were selected to control this function. The terminal will shift to red when it receives a "Punch On" character code and to black when it receives a "Punch Off" character code. Whenever power is turned on, the terminal will shift to a black mode. This is RPQ 868019.

(3) - Print Inhibit Control (\$10 monthly rental, \$360 purchase price, \$77 field installation charge, and 3.1 hours field installation time): The CPU can control print suppression by sending the bypass code; the restore code will return the 2741 to the print mode. These codes are recognized by the terminal when in Receive Text. This is RPQ E46151.

(4) Transmit Interrupt Control (\$8 monthly rental, \$280 purchase price, \$75 field installation charge, 4.5 hours field installation time): This device enables the computer to interrupt a transmission from the 2741. A "space" condition on the 2741's receive line, for a minimum of 200 milliseconds, is required to force the terminal from the text transmitting mode to Receive Control. This is RPQ E40681. If an IBM Line Adapter is used it must be a 4 wire version. Valid with 103A, 103F, Western Union 1183A or equivalent full duplex data sets only.

(5) Inhibit Auto EOT (\$10 monthly rental, \$300 purchase price, \$75 field installation charge): the RPQ provides a switch which enables the automatic EOT function. With the switch in the "NORMAL" position, 2741 operation is unchanged. With the switch in the "OFF" position the following occurs:

(a) No EOT is transmitted with a carrier return function or when the attention key is depressed.

(b) A 200 millisecond space is transmitted when the attention key is depressed and the 2741 is forced into receive control mode.

When the 2741 performs an auto address answerback sequence an EOT is transmitted.