

2. A routine was written to cause every pair of digits in a DATATRON 205 word to be printed:

- a. on the Flexowriter, unmodified;
- b. on the Flexowriter, modified to accept Cardatron code; and
- c. on the 407 as Cardatron output.

The table below displays the results with all possible two-digit computer codes shown.

Computer Code	IBM 407	Character printed or action taken by Flexowriter	
		Modified	Unmodified
00	(blank)	(space)	ignores
01	A	ignores	back space
02	9	ignores	ignores
03	.	.	stop
04	H	ignores	tabulate
05	H	ignores	carriage return
06	.	ignores	stop
07	H	ignores	stop
08	8	ignores	ignores
09	I	ignores	stop
10	X &	&	ignores
11	J	ignores	ignores
12	I	ignores	ignores
13	\$	\$	ignores
14	*	&	ignores
15	*	ignores	ignores
16	\$	ignores	ignores
17	*	\$	ignores
18	H	&	ignores
19	R	ignores	ignores
20	-	-	a or A
21	0	/	r or R
22	R	ignores	s or S
23	.	,	t or T
24	\$	%	+ or -
25	\$	ignores	- or
26	\$	ignores	; or ;
27	\$	ignores	lower case
28	Q	ignores	upper case
29	Z	ignores	, or ,

Computer Code	IBM 407	Character printed or action taken by Flexowriter	
		Modified	Unmodified
30	-	ignores	upper case
31	1	ignores	, or ,
32	R	ignores	: or :
33	#	ignores	? or ?
34	@	tabulates	(space)
35	@	carriage return	color shift
36	*	ignores	1 or L
37	@	ignores	ignores
38	Q	ignores	upper case
39	9	ignores	, or ,
40	X	ignores	0 (zero) or )
41	A	A	1 or 1/2
42	B	B	2 or 2
43	C	C	3 or /
44	D	D	4 or \$
45	E	E	5 or \$
46	F	F	6 or ?
47	G	G	7 or !
48	H	H	8 or *
49	I	I	9 or (
50	-	ignores	8 or *
51	J	J	8 or *
52	K	K	u or U
53	L	L	v or V
54	M	M	w or W
55	N	N	x or X
56	O(Oh)	O (Oh)	y or Y
57	P	P	z or Z
58	Q	Q	8 or *
59	R	R	9 or (
60	0 (Zero)	ignores	ignores
61	⌘	ignores	b or B
62	S	S	c or C
63	T	T	d or D
64	U	U	e or E
65	V	V	f or F
66	W	W	g or G
67	X	X	h or H
68	Y	Y	i or I
69	Z	Z	j or J
70	-	0 (Zero)	i or I
71	J	1	j or J
72	K	2	k or K
73	L	3	m or M

Computer Code	IBM 407	Character printed or action taken by Flexowriter	
		Modified	Unmodified
74	M	4	n or N
75	N	5	o or O
76	O (Oh)	6	p or P
77	P	7	q or Q
78	Q	8	i or I
79	R	9	j or J
80	0 (Zero)	0 (Zero)	ignores
81	1	1	back space
82	2	2	ignores
83	3	3	stop
84	4	4	tabulates
85	5	5	carriage return
86	6	6	stop
87	7	7	stop
88	8	8	ignores
89	9	9	stop
90	<del>X</del> X	0 (Zero)	ignores
91	J	1	ignores
92	B	2	ignores
93	L	3	ignores
94	M	4	ignores
95	N	5	ignores
96	O (Oh)	6	ignores
97	P	7	ignores
98	H	8	ignores
99	R	9	ignores

**NOTE:** Please make the following changes in Technical Bulletin No. 5.

Page 1, after Speed, should read "140 steps executed per minute" and "200 steps executed per minute."

Page 3, step 5 under heading Model 500 with Cards, instructions should be "44," not 54.

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RMG:pb