UNIVAC SYSTEM

INSTRUCTIONS

Am (m) → rX; (rX)+(rA) → rA
Bm (m) → rA, rX
Cm (rA) → m; 0 → rA
Dm (m) → rA; (rA)÷(rL) → rA (ROUNDED)
→ rX (UNROUNDED)
Em (rF) EXTRACTS (m) → rA
Fm (m) → rF
Gm (rF) → m; (rF) UNALTERED
Hm (rA) → m; (rA) UNALTERED
Jm (rX) → m; (rX) UNALTERED
Km* (rA) → rL, 0 → rA
Lm (m) → rL, rX
Mm (m) → rX; (rL)x(rX) → rA (ROUNDED)
Nm −(m) → rX; (rL)x(rX) → rA (ROUNDED)
Pm (m) → rX; (rL)x(rX) → rA, rX (22 DIGITS)
Qm IF (rA)=(rL), TRANSFER CONTROL TO m
Rm ON LINE c, RECORD [00 000 U(c+1)] IN m
Sm −(m) → rX; (rX)+(rA) → rA
Tm IF (rA)>(rL), TRANSFER CONTROL TO m
Um TRANSFER CONTROL TO m
Vm (m), (m+1) → rV
Wm (rV) → m, m+1
Xm* (rX)+(rA) → rA
Ym m THRU m+9 → rY
Zm (rY) → m THRU m+9
00m* SKIP
.nm* SHIFT (rA) RIGHT, WITH SIGN, n PLACES
;nm* SHIFT (rA) LEFT, WITH SIGN, n PLACES
−nm* SHIFT (rA) RIGHT, EXC. SIGN, n PLACES
0nm* SHIFT (rA) LEFT, EXC. SIGN, n PLACES
†1nm* 60 WORDS FROM TAPE TO rI, FORWARD
†2nm* 60 WORDS FROM TAPE TO rI, BACKWARD
†3nm (rI) → m THRU m+59; 60 WORDS → rI, FORWARD
†4nm (rI) → m THRU m+59; 60 WORDS → rI, BACKWARD
†5nm m THRU m+59 TO TAPE, 100 PULSES/INCH
†6nm* REWIND TAPE
†7nm m THRU m+59 TO TAPE, 20 PULSES/INCH
†8nm* REWIND TAPE; SET INTERLOCK
10m TYPE ONE WORD INTO m
30m (rI) → m THRU m+59
40m (rI) → m THRU m+59
50m PRINT ONE WORD FROM m
90m* STOP *UNIVAC*
,m* BREAKPOINT STOP
Qnm CONDITIONAL TRANSFER BREAKPOINT STOP
Tnm CONDITIONAL TRANSFER BREAKPOINT STOP

* IGNORE m
† n = UNISERVO INDEX NO. (1, 2, . . . 9, −)

PULSE CODE

EX 3	ZONE			
	00	01	10	11
0000	⊬	⊬	⊬	⊬
0001	△	' ,		⊬
0010	— _	· .		
0011	) 0	: ;	? /	
0100	½ 1	A	J	@ +
0101	" 2	B	K	S
0110	# 3	C	L	T
0111	$ 4	D	M	U
1000	% 5	E	N	V
1001	* 6	F	O	W
1010 & 7		G	P	X
1011 ' 8		H	Q	Y
1100 (9		I	R	Z
1101			⊬	⊬
1110				
1111			⊬	

⊬ = PRINTER IGNORE
△ = PRINTER SPACE
⊬ = CARRIAGE RETURN
⊬ = TABULATOR
⊬ = SHIFT LOCK
⊬ = UNSHIFT
⊬ = ONE CHARACTER SHIFT
⊬ = PRINTER STOP
⊬ = PRINTER BREAKPOINT STOP
BLANK SQUARES NOT USED

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