

1401 DATA PROCESSING SYSTEM
DIAGNOSTIC FUNCTION TEST

584	584	A	400	534	ADD 1 TO A ADDR OF COMP INSTR IN 531
591	591	A	400	676	ADD 1 TO A ADDR OF MOVE INSTR IN 673
598	598	C	676	906	TEST FOR LAST CARD
605	605	B	531	/	BR TO TEST FOR READ ERROR IF NOT LAST
610	610	B	921	D	D ON TO REPEAT TEST
615	615	/	180		PUNCH BLANK CARD TO SELECT LAST
619	619	4			PUNCHED CARD
620	620	B	348		BRANCH TO READ NEXT PROGRAM
630	630	L	/19	285	LOAD WORD ERROR TO PRINT
637	637	B	689	E	E ON TO ERROR STOP
642	642	M	676	912	MOVE CARD NO. TO PRINT AREA
649	649	S	909	912	,,
656	656	,	297		,,
660	660	Z	912	299	,,
667	667	6	R		PRINT AND PUNCH FEED READ
669	669	/	299		CLEAR PRINT AREA
673	673	M	XXX	280	*MOVE TABLE TO PRINT AREA
680	680	2			PRINT TABLE
681	681	/	280		PRINT BLANKS TO SPACE
685	685	2	555		,,
689	689	.			ERROR STOP
690	690	B	549		BR TO PUNCH FEED READ NEXT CARD
701	701	+	AA	BBCCDDEEFFGGHHII	RIPPLE TABLE
721	721	0	0//	SSITUUVVWXXYYZZ	,,
741	741	R	RQQ	PPOONNMLLKKJJ--	,,
761	761	9	988	77665544332211	,,
901	901	7	80		CONSTANTS
904	904	8	60		,,
907	907	7	79		,,
910	910	X	XX		*COUNTER USED TO FIND CARD NUMBER
921	921	M	903	534	SET A FIELD OF COMP IN 531 TO 780
928	928	M	903	676	SET A FIELD OF MOVE IN 673 TO 780
935	935	B	531		BRANCH TO REPEAT PROGRAM
1115	/15	E	RRO	R	CONSTANTS
1120	/20	L	INE	1 - CARD READ	,,
1140	/40				,,
1160	/60	L	INE	2 - TABLE IN ST	,,
1180	/80	O	RAG	E	,,

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