

1401 DATA PROCESSING SYSTEM
DIAGNOSTIC FUNCTION TEST

577	577	M 080 280	MOVE READ AREA TO PRINT AREA
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// SSTTUUVV*WXXYYZZ	,,
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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