PROGRAM LISTING FOR USE WITH FLOW CHART

PUNCH FEED READ 3600E

INSTRUCTION ADDRESS		OP	A	B	REMARKS
377	377	B	400	S721	USE WHEN TESTS ARE RUN FROM TAPE
385	385	B	S88		,,
400	400	/	332		START TEST
404	404	/			
405	405	B	S00	S521	BR TO TITLE PRINT ROUTINE IF 1 IN S52
413	413	¤	721	741	EXPAND RIPPLE TABLE TO 160 CHARACTERS
420	420	¤	761		,,
424	424	L	780	860	,,
431	431	¤	781		,,
435	435	M	903	453	SET A ADDR OF MOVE INSTR IN 450 TO 780
442	442	/	180		CLEAR PUNCH AREA
446	446	,	101		,,
450	450	M	780	180	*MOVE RIPPLE TABLE TO PUNCH AREA
457	457	4			PUNCH
458	458	N	000	0	NOP
463	463	K	4		SELECT 4 IF NO PUNCH ERROR
465	465	A	400	453	ADD 1 TO A ADDR OF MOVE INSTR IN 450
472	472	C	453	906	TEST IF LAST CARD HAS BEEN PUNCHED
479	479	B	442	/	BRANCH TO PUNCH NEXT CARD IF NOT LAST
484	484	B	435	D	D ON TO REPEAT PUNCHING
489	489	/	180		PUNCH BLANK CARD TO SELECT LAST
493	493	4			CARD RIPPLE PUNCHED
494	494	B	499		BRANCH TO STOP
499	499	.			STOP TO RELOAD STACKER 4 CARDS TO PUNCH
500	500	M	909	534	SET A ADDR OF COMP INSTR IN 531 TO 779
507	507	M	909	676	SET A ADDR OF MOVE INSTR IN 673 TO 779
514	514	/	299		CLEAR PRINT, PUNCH + READ AREAS
518	518	/			,,
519	519	/			,,
520	520	,	001	101	SET WORD MARKS TO STOP MOVE INSTR
527	527	B	549		BRANCH TO PUNCH FEED READ
531	531	C	XXX	080	*TEST FOR ERROR IN READING RIPPLE INFO
538	538	1			READ
539	539	B	630	/	BRANCH TO ERROR PRINT ROUTINE IF ERROR
544	544	B	642	C	C ON TO CORRECT PRINT
549	549	4	555	R	PUNCH FEED READ + BRANCH
554	554	.			ERROR STOP IF NO BRANCH
555	555	N	000	0	NOP
560	560	K	4		SELECT STACKER 4 IF NO PUNCH ERROR
562	562	M	040	180	MOVE READ AREA TO PUNCH AREA
569	569	M	080		,,
573	573	/	299		CLEAR PRINT AREA
577	577	M	080	280	MOVE READ AREA TO PRINT AREA

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