

PROGRAM LISTING

RIPPLE PUNCH BLOCK 1030A

.008012,019,026030L0653681001,008012,001100118361080AB421/340080 1 OF 2 1030A 02
 .037044N000,340344,348349,357,361368/333080 PROG. CHAIN. ROUTINE 2 OF 2 1030A 03
 L057S4510012,049L0772772/2772#40/60#780L/892702/2702413 CARD 1 OF 3 1030A 04
 .019026,033,040044,051051/340C01 TITLE PRINT ROUTINE CARD 2 OF 3 1030A 05
 .S01S05,S12,S13S17,S18S25,S29S36,S37S41,S45/333080 CARD 3 OF 3 1030A 06

LOAD	INST	ADDR	ADDR	OP	A	B	REMARKS	
396	377	D	399		S621		USE WHEN TESTS ARE RUN FROM TAPE	07
404	385	D	588				..	08
408	389	V	000				..	09
412	393	A	360		392		..	10
419	400	/	332				START TEST	11
423	404	/						12
424	405	L	604		S22		MODIFY TITLE PRINT TO SKIP HEADINGS	13
431	412	D	500		S521		BR TO TITLE PRINT ROUTINE IF 1 IN S52	14
439	420	D	721		741		EXPAND TABLE FROM 701-760 TO 701-880	15
446	427	L	750		820		..	16
453	434	L	760		830		..	17
460	441	D	761		821		..	18
467	448	/	190				CLEAR PUNCH AREA	19
471	452	.	101				SET WM IN PUNCH AREA	20
475	456	L	607		614		LOAD CARD COUNTER	21
482	463	V	614		473		MOVE CARD COUNTER INTO NEXT INSTRUCTION	22
489	470	V	780		190		MOVE TABLE INTO PUNCH AREA	23
496	477	V	493		1012		BR TO PUNCH AND BRANCH IF NO ZONE IN 101	24
504	485	V					PUNCH	25
505	486	D	485		D		BR ON TO SCOPE	26
510	491	D	503				BRANCH TO TEST FOR LAST CARD	27
514	495	A	500				PUNCH & BRANCH	28
518	499	.					ERROR STOP IF NO BRANCH	29
519	500	D	495		D		BR ON TO SCOPE	30
524	505	C	611		614		COMPARE CARD COUNTER WITH 839	31
531	512	D	525		/		BRANCH TO ADD 1 IF NOT 839	32
536	517	D	456		D		BR ON TO REPEAT TEST	33
541	522	L	345				BRANCH TO READ NEXT RECORD	34
545	526	A	608		614		ADD 1 TO CARD COUNTER	35
552	533	D	463				BRANCH TO PUNCH NEXT CARD	36
619	600	L	420				BRANCH INSTRUCTION TO MODIFY TITLE PRINT	37
624	605	/	30				CONSTANT TO START CARD COUNTER	38
627	608	/					CONSTANT TO INCREMENT CARD COUNTER	39
629	609	B	39				CONSTANT TO STOP CARD COUNTER	40
631	612	X	XX				CARD COUNTER	41
720	701	A	K14		FLU3#CMV6 DNR7Δ		TABLE TO BE RIPPLE PUNCHED	42
740	721	E	0X5		FPY9ACUZO HR*#X		..	43
760	741	I	-1		83818.072 HJS3-		..	44
.019027,031,03804	26031T98#B40CL046352BWD4BS88						RIPPLE PUNCH	1030A 45

1030A-4

DATE							
ENG. CHG. NO.							