IBM® FORM 624-7074-0

PROGRAM LISTING

RIPPLE READ BLOCK 1040A

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,008012,019,026030L0653681001,008012,00110011B361080AB421/340080 1 OF 2 1040A 02
,037044N000,340344,348349,357,361368/333080 PROG. CHAIN. ROUTINE 2 OF 2 1040A 03
L057S4510012,049L0772772/2772□/40/60□/80L/892702/2702413    CARD 1 OF 3 1040A 04
,019026,033,040044,051051/340001        TITLE PRINT ROUTINE  CARD 2 OF 3 1040A 05
,S01S05,S12,S13S17,S18S25,S29S36,S37S41,S45/333080           CARD 3 OF 3 1040A 06
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LOAD ADDR	INST ADDR	OP	A	B	REMARKS	
396	377	B	389	S631	USE WHEN TESTS ARE RUN FROM TAPE	07
404	385	B	S89		,,	08
408	389	N	000		,,	09
412	393	M	360	392	,,	10
419	400	/	332		START TEST	11
423	404	/				12
424	405	B	S00	S521	BR TO TITLE PRINT ROUTINE IF 1 IN S52	13
432	413	□	721	741	EXPAND TABLE FROM 701-760 TO 701-880	14
439	420	L	760	820	,,	15
446	427	L	760	880	,,	16
453	434	□	761	821	,,	17
460	441	L	690	692	SET CARD COUNTER TO ONE	18
467	448	/	080		CLEAR READ AREA	19
471	452	.	001		SET WM IN 001	20
475	456	1			READ	
476	457	L	080	280	LOAD CARD INTO PRINT AREA	22
483	464	L	692	299	LOAD CARD NUMBER INTO PRINT AREA	23
490	471	L	697	700	START RIPPLING COUNTER AT 779	24
497	478	A	692	700	ADD CARD COUNTER TO RIPPLING COUNTER	25
504	485	M	700	495	MOVE RIPPLING COUNTER INTO NEXT INSTRUCT	26
511	492	C	XXX	080	COMPARE TABLE WITH CARD	27
518	499	B	900	/	BRANCH TO ERROR PRINT ROUTINE IF UNEQ	28
523	504	B	912	C	C ON TO CORRECT PRINT	29
528	509	C	692	694	COMPARE CARD COUNTER WITH 60	30
535	516	B	525	/	BR TO ADD 1 TO CARD COUNTER IF NOT 60	31
540	521	B	536		BRANCH TO SENSE D IF 60	32
544	525	A	690	692	ADD 1 TO CARD COUNTER	33
551	532	B	456		BRANCH TO READ NEXT DETAIL CARD	34
555	536	B	441	D	D ON TO REPEAT TEST	35
560	541	B	348		BRANCH TO READ NEXT RECORD	36
708	689	0	1		CONSTANT TO INCREMENT CARD COUNTER	37
710	691	X	X		CARD COUNTER	38
712	693	6	0		CONSTANT TO STOP CARD COUNTER	39
714	695	7	79		CONSTANT TO START RIPPLING COUNTER	40
717	698	X	XX		RIPPLING COUNTER	41
720	701	A	KT4	BLU5≢CMV6 DNW7Δ	TABLE	42
740	721	E	UX8	FPY9ᴹGQZ0 HR+#ᴵᴹ	,,	43
760	741	I	-,a	&$&1&.*/2 □JS3-	,,	44
919	900	L	714	285	BEGIN ERROR PRINT ROUTINE	45
926	907	B	916	E	E ON TO ERROR STOP	46
931	912	2	920		PRINT CARD	

1040A-4

DATE								
ENG. CHG. NO.								