

PROGRAM LISTING

MULTIPLY

BLOCK 3200A

,008012,019,026030L0653681001,008012,001100118361080AB421/340080 1 OF 2 3200A 02  
 ,037044N000,340344,348349,357,361368/333080 PROG. CHAIN. ROUTINE 2 OF 2 3200A 03  
 L057S4510012,C49L0772772/2772□/40/60□/80L/892702/2702413 CARD 1 OF 3 3200A 04  
 ,019026,033,04C044,051051/340001 TITLE PRINT ROUTINE CARD 2 OF 3 3200A 05  
 ,S01S05,S12,S13S17,S18S25,S29S36,S37S41,S45/333080 CARD 3 OF 3 3200A 06

LOAD ADDR	INST ADDR	OP	A	B	REMARKS	
396	377	B	389	S581	USE WHEN TESTS ARE RUN FROM TAPE	07
404	385	B	S88		..	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	/	080		CLEAR READ AREA	14
436	417	B	348		BRANCH TO PROGRAM CHAINING ROUTINE	15
440	421	,	C01	078	LOAD PRINT AREA	16
447	428	L	080	299	..	17
454	435	L	072	272	..	18
461	442	,	221	241	..	19
468	449	B	480	005	BR TO MULT 1 DIGIT FLD IF 005 IS BLANK	20
476	457	L	230	270	LOAD B FIELD	21
483	464	@	205	270	MULTIPLY	22
490	471	B	457	B	B ON TO SCOPE	23
495	476	B	499		BRANCH TO TEST FOR ERROR	24
499	480	L	223	263	LOAD B FIELD	25
506	487	@	201	263	MULTIPLY WITH 1 DIGIT FIELDS	26
513	494	B	480	B	B ON TO SCOPE	27
518	499	C	270	250	TEST FOR ERROR	28
525	506	B	900	/	BRANCH TO ERROR PRINT ROUTINE IF UNEQ	29
530	511	B	950	C	C ON TO CORRECT PRINT ROUTINE	30
535	516	B	958		BRANCH TO SENSE D	31
919	900	L	/14	285	BEGIN ERROR PRINT ROUTINE	32
926	907	B	916	E	E ON TO ERROR STOP	33
931	912	2	958		ERROR PRINT	34
935	916	.	958		ERROR STOP	35
939	920				WORD MARK	36
969	950	L	/19	285	CORRECT PRINT ROUTINE	37
976	957	2			..	38
977	958	B	421	D	D ON TO REPEAT	39
982	963	B	417		BRANCH TO READ NEXT RECORD	40
/29	/10	E	RRC	R	CONSTANTS	41
/34	/15				..	42
/39	/20	A	FI	ELD	..	43
/59	/40	B	FI	ELD	..	44
/79	/60	R	ESU	LT SHOULD BE	..	45
/99	/80	R	ESU	LT IS	..	46
,019027,031,0380428031T98#840CL0463528W04BS88					MULTIPLY	3200A 47

3200A-4

DATE							
ENG. CHG. NO.							