





SEQ	PG	LIN	LABEL	OP	OPERANDS	SFX	CT	LOCN	INSTRUCTION	TYPE	CARD	A-ADDR	B-ADDR
145			JOB		MULTIPLY ROUTINE THAT DOESN'T TEST FOR PLUS ZERO								
146			*										
147			*		THIS WOULDN'T DO SIGNED MULTIPLY CORRECTLY. IT'S POSSIBLE TO WORK								
148			*		OUT THE ZONE FOR THE PRODUCT BEFOREHAND, AND THEN PUT IN PLACE								
149			*		AT THE END. THIS WOULD MAKE THE ROUTINE BIGGER, BUT WOULDN'T								
150			*		INCREASE THE LOOP TIMING.								
151			*										
152				SFX	3								
153				ORG	333					0333			
154			XXX	DCW	#9			9	0341				
155			YYY	DCW	#11			11	0352				
156			ZZZ	EQU	*&1				0353				
157				ORG	900					0900			
158			MPLR	DC	#9			9	0908				
159			MPLZ	DC	0			1	0909				
160			PROD	DC	#20			20	0929				
161				CS	PROD			4	0930	/ 929		929	
162				LCA	XXX,MPLR			7	0934	L 341 908		341	908
163			ZT	BCE	Z,MPLR,0			8	0941	B 967 908 0		967	908
164				A	YYY,PROD-8			7	0949	A 352 921		352	921
165				S	K10,MPLZ			7	0956	S 987 909		987	909
166				B	ZT			4	0963	B 941		941	
167			Z	BW	DONE,MPLR			8	0967	V 988 908 1		988	908
168				LCA	PROD-1,PROD			7	0975	L 928 929		928	929
169				B	ZT			4	0982	B 941		941	
170			K10	DCW	10			2	0987				
171			DONE	B	ZZZ			4	0988	B 353		353	
172				END						/ 353 080		353	

SYMBOL	ADDRESS	SYMBOL	ADDRESS	SYMBOL	ADDRESS	SYMBOL	ADDRESS	SYMBOL	ADDRESS	SYMBOL	ADDRESS
DONE 1	0995: 0	DONE 2	0987: 0	DONE 3	0988: 0	K1 1	0994: 0	K1 2	0986: 0	K10 3	0987: 0
MPLR 1	0909: 0	MPLR 2	0909: 0	MPLR 3	0908: 0	MPLZ 3	0909: 0	PROD 1	0929: 0	PROD 2	0929: 0
PROD 3	0929: 0	XXX 1	0341: 0	XXX 2	0341: 0	XXX 3	0341: 0	YYY 1	0352: 0	YYY 2	0352: 0
YYY 3	0352: 0	Z 1	0975: 0	Z 2	0967: 0	Z 3	0967: 0	ZT 1	0941: 0	ZT 2	0941: 0
ZT 3	0941: 0	ZZZ 1	0353: 0	ZZZ 2	0353: 0	ZZZ 3	0353: 0				