CORE STOR. WORST PATTERN BLOCK 9100C

9100C 02

,0080121001

LOAD ADDR	INST ADDR	OP	A	B	REMARKS	
070	051	X			DIGIT 0-9 IN LOC 112 - PROGRAM STORED	03
071	052	X			DIGIT 0-9 IN LOC 110 - PROGRAM STORED	04
072	053	W			PATTERN CHARACTER - PROGRAM STORED	05
073	054	R			PATTERN CHARACTER - PROGRAM STORED	06
074	055	W			W FOR PATTERN A - CHANGED TO R FOR PAT B	07
075	056	R			R FOR PATTERN A - CHANGED TO W FOR PAT B	08
076	057	X			W OR R FOR START OF 1000 BLOCK PATTERN	09
101	082	M	127	366	SET B LOOP COUNTER TO 1	10
108	089	M			SET A LOOP COUNTER TO 1	11
109	090	L	369	056	SET R IN 056 FOR PATTERN A	12
116	097	L			SET W IN 055 FOR PATTERN A	13
117	098	L	056	054	SET UP PATTERN WHEN COUNTER IS 0-4	14
124	105	L				15
125	106	L	053	370	,, LOAD WORST PATTERN INTO STORAGE	16
132	113	L	054	370		17
139	120	B	237	4	,, BRANCH IF PROCESS ERROR	18
144	125	,	110		SET WM FOR B ADDRESS OF INST IN 106	19
143	129	A	236	112	ADD 1 TO B ADDRESS OF INST IN 106	20
155	136	M	112	119	MOVE B ADDR INST 106 TO B ADDR INST 113	21
162	143	,	110		CLEAR WM FOR B ADDR OF INST IN 106	22
166	147	C	112	364	TEST FOR HIGHEST STORAGE ADDRESS PLUS 1	23
173	154	B	273	/	BRANCH IF NOT HIGHEST ADDRESS PLUS 1	24
178	159	M	071	119	CHANGE LOAD INST IN 106 AND 113 TO MOVE	25
185	166	M			AND RESTORE B ADDRESS TO 370	26
186	167	B	186	3652	BR IF 2ND LOOP FOR PATTERN A IS COMPLETE	27
194	175	A	236	365	ADD 1 TO A LOOP COUNTER	28
201	182	B	090		BRANCH TO REPEAT LOOP FOR PATTERN A	29
205	186	B	216	3663	BR IF 2ND LOOP FOR PATTERN B IS COMPLETE	30
213	194	A	236	366	ADD 1 TO B LOOP COUNTER	31
220	201	M	368	056	SET W IN 056 FOR PATTERN B	32
227	208	M	369		SET R IN 055 FOR PATTERN B	33
231	212	B	098		BRANCH TO REPEAT LOOP FOR PATTERN B	34
235	216	B	082	D	D ON TO REPEAT TEST	35
240	221	N	248		N OP IF RUN FROM CARDS - B IF FROM TAPE	36
244	225	/	080		CLEAR READ AREA FOR NEXT TEST	37
248	229	,	001		SET WORD MARK FOR NEXT TEST	38
252	233	1	001		READ NEXT TEST	39
256	237	M	112	263	MOVE ADDR OF INVALID CHARACTER TO PRINT	40
263	244	2	125		PRINT AND BRANCH	41
267	248	.			STOP - END OF TEST WHEN RUN FROM TAPE	42
268	249	B	082		BRANCH TO REPEAT TEST WHEN RUN FROM TAPE	43
272	253					44
280	261	X	XX		ADDRESS OF INVALID CHARACTER	45
283	264					46
292	273	D	112	051	MOVE DIGIT FROM 112 INTO 051	47

DATE									
ENG CHG. NO									