

	Date//
it mace	He a control 8/9 that indicates-the read operation
	from MAR has been completed, lethen mrc 313
	has been set to 1 it indicates the contents of specified
	location has been read into the data lines of the men.
	bus.
	mrc is used to accommodate the variability in
	sesponse time to cauers the memory.
	51 · · ·
4)	Storing of ca word in memory:
	Address is loaded into MAR
	Data to be written loaded into MPR.
	l'Orite command is issued. Example: More R2 (R1) R2 contents should be
	CHINACAL ON THE CHANGES OF
A-104 3	Re MAR Re
	out wait speration has been completed.
*	Execution of a complete instruction:
	Add (R3), R1
	Fetch the instruct.
(iii	Fetcle the first operand (the coontents of the memory
	loc". Pointed to by R3).
	Derform the add",
Co	Load the sesult into B1.
1	

	Date//
	o drecution et ca complete sinstruction:
	· descurion of a comment
1	Hdd (83), R1
Testing &	Step Action
Charles 12	1. PC out 9 MARin, Read, Select 4, Add , Rin
1	mimon 2. Lout, PCim, Yim, WMFC mached more)
	3. mpR out, IRm
	A. Rout making Read.
	5. Prout, Yim, WMFC.
	c. MDRout, Belecty, Add, Lim
	7. Lout , Rim, End,
	with a cond,
	levaentin al 1 a a a
7	Execution of branch instructions:
(5)	to branch intruction replaces the contents of PC with
	the branch target caddress, which is usually
	sperimed by cadding an offset X given in the banks
100000000000000000000000000000000000000	who can,
(4)	The effect x is usually the diff. blow IR to PC
	the state of the s
1.	PC out, MAR in , Read, Beleet 4, Add, Tim.
2	Lout, Rim, Yim, WMFC
3.	mprout , IRom
4.	Offset-field ob I Rout Add, Tim
5.	Lout, Rim End
	ASSESSMENT OF THE PARTY OF THE



