

ABSOLUTE BINARY LOADER

 5080-6599
D-951-22

2115/2116 (ALL MODELS) TAPE LOADING INSTRUCTIONS

1. TURN LOADER SWITCH TO ENABLE.
2. SET ADDRESS TO $\emptyset M77\emptyset\emptyset$. VALUE OF M DEPENDS ON CORE SIZE:
4K M = \emptyset , 8K M = 1, 12K M = 2, 16K M = 3, 24K M = 5, 32K M = 7.
3. PLACE TAPE IN PHOTO-READER OR TELEPRINTER (TELEPRINTER WITH 12531A SERIAL INTERFACE REQUIRES DIFFERENT LOADER. REFER TO OPERATING MANUAL).
4. SELECT OPTION:

A. LOAD TAPE	SWITCH 0 = 0 AND SWITCH 15 = 0
B. VERIFY CHECKSUM (WITHOUT LOADING)	SWITCH 0 = 0 AND SWITCH 15 = 0
C. COMPARE TAPE WITH CORE (WITHOUT LOADING)	SWITCH 15 = 1
5. RUN. (COMPUTER WILL HALT WITH T-REGISTER CONTAINING ONE OF FOUR VALUES):

A. T = $1\emptyset2\emptyset77$	END OF TAPE
B. T = $1\emptyset2\emptyset11$	CHECKSUM ERROR RETURN TO STEP 2.
C. T = $1\emptyset2\emptyset55$	ADDRESS ERROR RETURN TO STEP 2.
D. T = $1\emptyset2\emptyset\emptyset\emptyset$	THE TAPE BEING READ DOES NOT COMPARE WITH CORE.

ABL CONTENTS

LOCATION $\emptyset M7772$ DEPENDS ON CORE SIZE: 4K N = 7, 8K N = 6, 12K N = 5,
16K N = 4, 24K N = 2, 32K N = \emptyset .

2114 (ALL MODELS) TAPE LOADING INSTRUCTIONS

1. PLACE TAPE IN PHOTO-READER OR TELEPRINTER (TELEPRINTER WITH 12531A SERIAL INTERFACE REQUIRES DIFFERENT LOADER. REFER TO OPERATING MANUAL).
2. PRESS CLEAR REGISTER.
3. SELECT OPTION:

A. LOAD TAPE	SWITCH 0 = 0 AND SWITCH 15 = 0
B. VERIFY CHECKSUM (WITHOUT LOADING)	SWITCH 0 = 1 AND SWITCH 15 = 0
C. COMPARE TAPE WITH CORE (WITHOUT LOADING)	SWITCH 15 = 1
4. SIMULTANEOUSLY PRESS PRESET AND LOAD, THEN RELEASE. COMPUTER WILL READ TAPE AND HALT WITH MEMORY DATA REGISTER CONTAINING ONE OF FOUR VALUES:

A. MEMORY DATA = 102077	END OF TAPE
B. MEMORY DATA = 102011	CHECKSUM ERROR RETURN TO STEP 1.
C. MEMORY DATA = 102055	ADDRESS ERROR RETURN TO STEP 1.
D. MEMORY DATA = 102000	THE TAPE BEING READ DOES NOT COMPARE WITH CORE.

ABL CONTENTS

LOCATION 0M7772 DEPENDS ON CORE SIZE: 4K N = 7, 8K N = 6, 12K N = 5,
 .16K N = 4, 24K N = 2, 32K N = 0.

	0	1	2	3	4	5	6	7
0M7700:	107700	063770	106501	004010	002400	006020	063771	073736
0M7710:	006401	067773	006006	027717	107700	102077	027700	017762
0M7720:	002003	027712	003104	073774	017762	017753	070001	073775
0M7730:	063775	043772	002040	027751	017753	044000	000000	002101
0M7740:	102000	037775	037774	027730	017753	054000	027711	102011
0M7750:	027700	102055	027700	000000	017762	001727	073776	017762
0M7760:	033776	127753	000000	1037XX	1023XX	027764	1025XX	127762
0M7770:	173775	153775	1N0100	177765	000000	000000	000000	000000

XX = I/O LOCATION OF PHOTO-READER OR TELEPRINTER