ACCEPTANCE
TEST
PROCEDURE
(ATP)

ZETACO

DO NOT SCALE DRAWING

DWN	WJM
CKD	
ENG	
MFG	
APPR	RDK

TITLE

ATP,BMX-2 (MEGATAPE)

DOCUMENT NO.

951-470-00

REV.

B

SCALE

SHEET 1 OF 3

ZETACO
ACCEPTANCE TEST PROCEDURE

For: BMX-2 (Megatape)

1. Clean gold board edge connectors.

2. Rap board to remove any foreign substance.

3. Insure that all socketed chips are installed properly. Verify that the PROMS/EEPROMS are of the correct speed per parts list and circuit requirements. Install BMX-2 standard firmware in location N4.

4. Power-up and insure that Self-test runs.

5. Put switch 1 in UP position.

6. Test the Power Fail circuit to insure switch level is between 4.60 - 4.74 volts.

7. Select the desired device code on switch.

8. Load BMX2CF and configure the board for 6026 emulation, and the type of drive you are using. (Must be Dual Density drive with Remote Density Select.)

9. Run BMX2D (set switch "J" for CDC 92185) 3 passes and verify BUSY LED works.

10. Run ZMTRL 3 passes and verify DCH LED works.

11. Reconfigure board for 4307 emulation. BMC; BMC PRIORITY - 2; BURST RATE - 16; Auto Retry enabled.

12. Run BMX2D (set switch "J" for CDC 92185) 3 passes.

13. Run ZMTRL 3 passes and verify BMC LED works. Check pulse at C8-8. Change resistor R22-1 (location P10) as necessary to achieve 45ns to 55ns pulse width.

14. Change burst rate to 256 words.

15.   Run BMX2R... 1 pass. (Shock test board and run margins at 4.75V and 5.25V.)

16.   Boot DTOS and run prior X (run at Device Code 22).

17.   Reconfigure board for 6026 emulation.

18.   Remove BMC board from system.

19.   Boot AOS and perform a DUMP/LOAD at high and low density with an 8K buffer size specified.

20.   Remove standard firmware from location N4 and replace with firmware (custom) specified on the parts list for that location.

21.   Run 1 pass of ZMTR and then configure board per the customer configuration sheet.