

## 11/44 (M7096) MFM-8085 TEST

## ABSTRACT :

*The Multi Function Module (MFM) self test is desined to test hardware assosiated with the 8085 Front-End CPU, handling the concole functions on the 11/44. The T test checks the 8085 subsystem (CPU, ROM's and RAM's). This test does not interfere with the state of the big CPU and memory. After a successful pass it prints "CONSOLE". In addition, a LED on the MFM module will be turned on at the beginning of "T" and extinguished at the successful completion of "T" test. It tests:*

*The "T" sequence :*      ROM checksum test  
                              RAM data test  
                              RAM address test

*The "T/E" sequence :*    all "T" basic tests  
                              halt and continue test  
                              PAX data line test  
                              PAX address line test  
                              Console switch register test

*THIS DIAGNOSTIC IS IN ROM's AND NOT ON DISK OR TAPE*

## OPERATING PROCEDURES :

*> > >T<CR>    this starts the console self test*  
*> > >TIE<CR>  this starts the console extensive test*

*The tests resides in the Console ROM's*

*"CONSOLE TEST" is a progress message and some letters indicate the start of a new subtest.*

*C            0-2K ROM test*  
*O            2-4K ROM test*  
*NSO        console RAM data test*  
*LE         testing done*  
*T            data bus test*  
*E            PAX address test*  
*S            switch register test*  
*T            test complete*