

# TS03/TU10/TE10

# ZTMHFO

## TM,A,B11/TS03/TU10/TE10 DATA RELIABILITY TEST

### ABSTRACT :

*With this program you can verify that the tape drives under test are performing to there data error rate specified. Up to 8 drives (7 or 9 channel) can be tested by a single execution of the program. The program tests writing, reading, rewinding, tape positioning, EOT-BOT sensing.*

### OPERATING PROCEDURES :

#### START ADDRESS

*SA=200 normal startaddress enter all parameters*

*SA=204 restart address (keep parameters, continue data pattern sequence)*

*SA=210 same as above but reset data pattern like start at 200*

*SA=240 special start, special sequence of testing*

*Tape Unit must be online and a tape loaded at BOT and a write enable ring in.*

*Answer the following questions:*

*REGISTER START: 172520*

*VECTOR ADDRESS: 224*

*UNIT NUMBER: 0*

*drive select number*

*DENSITY (0 - 3):*

*0=200, 1=556, 2= 800BPI 7ch, 3= 800BPI 9ch*

*PARITY (0 or 1):*

*0= ODD, 1= EVEN*

*UNIT NUMBER:<CR>*

*<CR> if no more units*

*RECORD COUNT: 100*

*1-177777 gives blocking factor*

*CHARACTER COUNT: 200*

*4-4000 characters per record*

*PATTERN NUMBER : 1*

*0-20 different data patterns*

*TAPE MARK: 0*

*1=one tape mark after each data block*

*SINGLE PASS:0*

*1=stop after one pass*

*STALLS:*

*1-177777 (time delay between functions)*

### SWITCH SETTINGS :

*RECOMMENDED SWITCH SETTING : 000700*

*SW15= 1 halt on error*

*SW14= 1 yozzle on current block*

*SW13= 1 do not check data errors*

*SW12= 1 do not check write status errors*

*SW11= 1 do not check read status errors*

*SW10= 1 do not print any error*

*SW09= 1 rewind all available tapes*

*SW08= 1 generate random data*

*SW07= 1 generate random character count*

*SW06= 1 generate random record count*

*SW05= 1 yozzle on current record*

*SW04= 1 print statistics*

*SW03= 1 do not read*

*SW02= 1*

*SW01= 1 disable retries*

*SW00= 1 do not write*

*use "CONTROL, G" to enter software SWR at loc. 176*