

MAINDEC=11-0000

NEW NUMBER = DZKAP

T19

ABSTRACT

This program is a core expandable interactive bus exerciser for a paper tape oriented PDP-11/20; it performs a test of instructions and concurrent operations of I/O equipment simultaneously; it may also perform the same operation independently; This program is not to be considered a total check of the system; If an error is detected in an I/O device, it will probably be necessary to correct the malfunction with the respective diagnostic for that device.

REQUIREMENTS

PDP=11

OPTIONAL HARDWARE

MM11 = Up to 28KW of Memory
 RC,RF,RK,RP DISK
 TC11 = Decitape-Transport Zero
 KE11 = Extended Arith. Unit
 KW11 = Line Clock
 PC11 = High Speed Reader/Punch
 KL11 = ASR33 or ASR 35 Teleprinter
 LP11 = Line Printer

STORAGE = 0 - 17476

LOADING = Absolute Loader

EXECUTION TIME = 1 - 1.5 min, depending on test for a 4K system;
 Execution time increase with memory size;

STARTING PROCEDURE = Start and Restart at 200
 = If Line Printer is used restart at 400

PRINTOUTS = Yes

SWITCH REGISTER OPTIONS = Yes

SW15 = HALT ON ERROR
 SW14 = SCOPE LOOP
 SW13 = INHIBIT PRINTOUT
 SW12 = INHIBIT TRACE TRAP,
 SW11 = INHIBIT ITERATION LOOP
 SW10 = INHIBIT PROCESSOR TEST
 SW09 = INHIBIT VARIABLE CORE EXPANSION
 SW08 = RESTART ON ERROR
 SW07 = LP11

SW06 ■ TC11
SW05 ■ RC, RF, RK and RP
SW04 ■ KW11L
SW03 ■ PC READER
SW02 ■ PC PUNCH
SW01 ■ TTY IN
SW00 ■ TTY OUT