

NEW NUMBER = DBKEA

ABSTRACT

This program tests the KE11F (PDP-11 Floating Instruction set (FADD, FMUL, and FDIV)) option with fixed number patterns, using each register at least once as the stack pointer. It also checks stack overflow and that the floating instructions can be interrupted (by the console teletype). The program should be run for at least 2 passes with all switches down.

REQUIREMENTS

PDP-11 (KD11A) standard computer with KE11F option

STORAGE = The routines use memory 0 = 17500

LOADING = Absolute Loader

EXECUTION TIME = 15 sec.

STARTING PROCEDURE = start at 200

PRINTOUTS = Yes

SWITCH REGISTER OPTIONS = Yes

SW15 = 1 ... HALT ON ERROR
 SW14 = 1 ... SCOPE LOOP
 SW13 = 1 ... INHIBIT PRINTOUT
 SW12 = 1 ... INHIBIT TRACE TRAPPING
 SW11 = 1 ... INHIBIT ITERATIONS OF SUBTEST
 SW10 = 1 ... BELL ON ERROR
 0 ... BELL ON PASS COMPLETE
 SW09 = 1 ... LOOP ON ERROR
 SW08 = 1 ... LOOP ON TEST IN SW(910)

CAUTION! (SW(910)) are also used for ROM word match with KM11 maintenance card.