The SAMPL517 program uses the additional features of the C517,

C517A and C509 CPU to simulate a Hewlett Packard calculator.

The following calculator features are supported:

+ - \* /

SIN COS TAN SQRT

LOG ASIN ACOS ATAN

EXP LOG10

The following source files provide useful 517 routines.

\* GETKEY.C: This file contains routines to get a char from

the 517's second serial port.

\* PUTCHAR.C: This file contains routines to output a char

to the 517's second serial port.

Note that you need to use the Serial Window #1 since this application

communicates via the serial interface 1 of the device.

The SAMPL517 program is configured for testing with the

uVision simulator.