The purpose of this Guide is to assist you in using the TechStar Computer. Your TechStar Computer is easy to operate because prompt screens show you what values must be entered to solve a particular problem.

**BASIC OPERATION**

**STEP 1:** Press the **O♥** key once to turn the computer ON. A zero should appear in the bottom line of the display which is called the "scratch pad." If "ERROR" should appear in the scratch pad, press **CR** and repeat the step.

**STEP 2:** Press the **Mode** key to access the first menu which lists the five modes of operation. Notice the "Select" prompt to the left of the scratch pad is asking you to access the desired mode.

**STEP 3:** For this example, let's work a time, speed, distance problem. Press the key to the right of the TSD line to select the time-speed-distance mode.

**STEP 4:** This is the TSD menu screen. Notice the "Select" prompt to the left of the scratch pad is asking you to choose the value you want to compute.

**STEP 5:** This is the TSD prompt screen showing that distance (DST) and time (TIM) are needed to solve for speed.

**STEP 6:** Transfer the value from the scratch pad to the DST parameter line by pressing the top key.

**STEP 7:** Assume the time is 1 hour 40 minutes, so enter 1:40 in the scratch pad by pressing 1, 4, 0, **CR**.

**STEP 8:** Transfer the value in the scratch pad to the TIM parameter line by pressing the second key from the top.

**STEP 9:** Once the information is entered, press the **MP** key.

**EXTENDED OUTPUT SCREEN**

To access the extended output screen press the **MP** key a second time. From this screen you can solve for additional values such as fuel flow and fuel required.

**CONVERSIONS**

Your TechStar is also designed so you can access multiple conversion functions at any point during an operation. You can convert most commonly used values for distance, volume, weight, or barometric pressure and temperature. Simply press the **DEP**, **VER**, **HR** or **WT** key, as appropriate, for the type of conversion you desire. Assume you need to convert 150 nautical miles to statute miles.

**MEMORY REGISTERS**

TechStar provides six user memory registers for storage and retrieval of values. To transfer a value to a memory register you must first move it to the scratch pad. To do this, press the **RM** key followed by the parameter line key of the value to be saved.

**TIMER**

To access the timer, press the **Tim** key followed by the parameter line key for TMR and you will access the screen shown above.

**TIMING**

To start the timer, press the **Tim** key after the parameter line key for TMR and you will access the screen shown above.

Refer to the diagrams to see the various screens used in each mode of operation.