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# Chapter 3

## Using the Model 2015 ProBalancer

(Revision 3, April 2006)

### 3.1 – Entering Data

Data is entered into the ProBalancer in one of two ways: directly by typing data using the keypad or indirectly by selecting from preset options. The methods of inputting data are described in the following two sections.

#### 3.1.1 - Using the Keys

The ProBalancer keypad has 25 function keys, 12 of which are multiple-character, alphanumerically labeled. The multiple-character labeled keys, 1ABC through SPACE +/- will generate each of the characters on the label and insert it into the current field position of the ProBalancer screen.

To generate the first character, on an alphanumeric key, press the key one time, then pause for two seconds. The character should appear on the screen. To generate the second character on an alphanumeric key, press the key twice rapidly, then pause for two seconds. The character should appear on the screen. Repeat this process for each letter on the key, with the number of times you press the key equivalent to the character's position on the key.



For example, to type the number “5”, press the key once, wait for two seconds. The number “5” should appear on the screen. To type the letter “N”, press the key three times rapidly, and then wait for two seconds. The letter “N” should appear on the screen.

The insert position of the character being typed is indicated on screen by the cursor. The cursor may be moved to any position in the current field using the left or right arrow keys. If placed in an existing text string, a key stroke of any alpha numeric character key will insert

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the character into the string at the current cursor position and move existing text to the right one character position.

### 3.1.2 - Filling in Fields

Data is entered into areas of the screen called fields.

Some fields are represented by boxes with pointed ends (<>). These fields are called “toggle” fields because you must use the [←] [⇒] keys to toggle, or move, between several preset selections available in the field. After a selection is made, use the [↓] [↑] key to exit the field and any associated changes will take place to the information displayed on the screen.

Some of the fields are represented by boxes that have square-ends ( [ ] ). The square-end boxes are text entry boxes. You must enter or edit text in these boxes using the keys as described in the previous section. If you wish to change text already in place in these fields, place the cursor in the field you wish to change then press the [CLR] key once for each character in the field you wish to remove and replace.

Use the [↑] and [↓] keys to move from field to field.

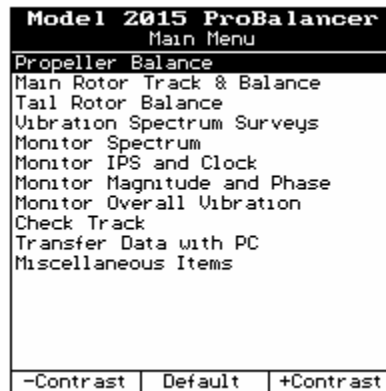
## 3.2 - Loading a Setup

A “Setup” is a group of instructions defined by you, the user, or loaded into the ProBalancer from a predefined setup file and stored in the ProBalancer’s memory for rapid configuration. This group of instructions combined with certain optional information and ProBalancer-calculated data allows the ProBalancer to be custom-configured for virtually any engine/airframe combination in a matter of seconds following initial entry of the information.

Steps in the process of loading and using various setups are explained throughout Chapters 4 through 14 of this manual which address each of the main categories of the ProBalancer’s functions. All of the main categories of the ProBalancer’s functions are accessed from the ProBalancer’s main menu and directly correspond to selections on this menu.

## 3.3 - Main Menu

The main menu is the first menu to be displayed when the ProBalancer is turned on. (See the following figure.) From this menu you may access all functions of the ProBalancer by using the available menu choices. Chapters 4 through 14 of this manual describe each main menu item selection, the function of each item, and the general steps necessary to perform each function.



### 3.3.1 Setting the Screen Contrast

Screen contrast is controlled by pressing one of the function keys ([F1] for less contrast and [F3] for more contrast) on the main menu screen, which is the first menu screen displayed after the ProBalancer is turned on.

#### NOTE

If the ProBalancer is exposed to extremes in temperature, either heat or cold, the LCD may darken or lighten to a point that it cannot be clearly read. If this occurs, press the [MAIN MENU] key and adjust the contrast to compensate for the change by pressing the [F1] key for -Contrast or the [F3] key for +Contrast. If this fails to return the LCD to a viewable state, remove the unit to an ambient room temperature of 65 – 85 degrees F. The LCD should return to its previous state in approximately 30 minutes.