# FLI Instructions

## Powering the PC

Turn on computer

Hit F1 key when the first screen is finished loading (in DOS mode)

Hit "Esc" key when the virus notice is displayed.

Press the "Continue" button on the FLI pop-up box.

You should now see the FLI screen (Blank screen with pull-down menus).

## Initialize Metering Equipment

Turn on all meters, scope, and differential amplifier
DWM Selector switch must be in "Remote."

Click on the word "Initialize**!**"

The following pop-up box says that all test equipment must be on – this should actually say "metering equipment" not "test equipment."

Click the "OK" button on the pop-up box.

You should now see the "Control and Status" Screen.

Click on the purple-colored "Initialize Equipment" button.
Wait about 6-8 seconds for equipment to initialize.

Click on "Close" button if no errors are listed on the "Control and Status" Screen.

Initialization is done.

Notice that all Fluke 45's are set to **_VAC_**.  To measure ohms, amps, or DC quantities you must set the meter(s) to measure that particular quantity.

## Waveform Capture

Click on "DATA" pull-down and select "Capture."

You should now see the "Capture" Screen.

Ignore the meters at the top and bottom of the capture screen

Scope Display section of "Capture" Screen:

"Plot X-Y" button – Scatters selected channels
"HiRes" button – do not use this one.
W1-W4 radio buttons are used to display/hide the 4 channels of the scope
"Trigger" button – do not use this one.

Press the "Capture" button when ready to capture the scope's waveform(s).

Capture is complete.  You must save waveform(s) – see next step

## Save and Preview Raw Data File

Click on "Save to Disk" at bottom left corner of "Capture" screen.
This will save the waveform(s) in a raw data file.

Enter the file name that you want to use, hit enter key, and enter the description in the pop-up box.  This description will show up in the "Capture" screen just above the scope channel displays.

**Pitfalls**

There are no overwrite warnings
There are no full disk or "out of space" warnings

Quit the "Capture" screen (bottom right corner)

Go to "Data" pull-down and pick "view disk data"

Click the "Load From Disk" button and select the file that you just saved.

This is the format of the data that you must use to generate plots for reports.