

## Northeast Diagramming Services [www.forensicdiagram.com](http://www.forensicdiagram.com)

- 1: Pick the appropriate set up location and the operator.**
- 2: Put the entire system together.**
- 3: Loosen all legs and lift so that the site scope is comfortable. Then lock the legs**
- 4: Test the laser**

Power on Impulse laser

( 1<sup>st</sup> button on right side)

Turn filter on if using the prism pole( use the right front button until you see the “SYS”. Then use the fire(power) button to turn the filter on or off.

Then use the back(Right middle) button to access the TT of sight alignment mode.

When done use the forward button to get to the measurement mode.

Make sure the Impulse displays **HD,F,Filter** in top center of LCD display

### LEVELING THE TRIANGLE

Use the tribrack if you have one to level the system.

Turn on the TRIANGLE

Index by spinning 360 degrees

Power on Recon/PocketZone

Tap on START

Programs

PZ / PocketZone

Enter File Name and tap on OK

**Tap on File and then Laser Device**

Tap on Laser Device Window and select LTI Angle Encoder, Enter Instrument Settings if mapping in 3D ( **Instrument and Target Height**)

You are now ready to take the first shot (**Zero reference line**) and plot your instrument point and control point 2. The first shot is best use to establish the “0” point.( Top of page).

You will have to fire the laser **2 times** on the first shot to zero the Angle Encoder. Every point plotted after this, you will only fire the laser 1 time.

Next shoot a distance point that has been measured with a tape and **marked**.

**Shoot reference points, then evidence, then scene.**

**Make sure the last point shot is the distance shot.** Then once done ,save a PZD, TXT, and RAWfile extension.