Performing a Station Setup with One Point and Entering an Azimuth in Trimble Survey Controller

Scenario: The scenario is that we are going to put the instrument on a point with coordinates (known or assumed) and enter an azimuth (known or assumed) for the backsight.

Tap on Survey and then tap on Station Setup.
Verify the Pressure and Temperature is correct. Tap on Accept.

Enter the Instrument point name (number) and tap Enter.
Fill in the following fields.

- Code (Description)
- Instrument Height
- Coordinates for Instrument Point (known or assumed)

Tap on Accept.

Fill in the following fields.

- Backsight point name (number)
- Code (Description)
- Backsight height
- Bearing (keyed in) (known or assumed)

Set the method to Angles and Distances.

**Note:** The method of Angles and Distances will create coordinates for the backsight point when it is measured and stored.

Tap Measure to measure the backsight.

Once the instrument has completed the measurement we see the information about the measurement to the backsight. We do not see any deltas since we did not enter coordinates in for point 2. However, coordinates have been created for point 2 in the job.
Tap Store to complete the Station Setup.

We are now at the main menu of Survey Controller and ready to perform survey operations.