## Trimble Access Base Course

1. From the Main Screen, select General Survey

2. Select Jobs

3. Select New Job


## Trimble Access Base Course

4. Select the Folder Icon

5. Select the New Folder Icon

6. Rename "New Folder" to BASELINE, and select OK

| (2) Select folder |  |  | $\rightarrow$ | 0 | ? | - | $\times$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | OK |  |  | Cancel |  |  |
| Name |  | Type | Size Modified |  |  |  |  |
|  |  |  |  |  |  |  |  |

## Trimble Access Base Course

7. Brings you back to New Job screen

8. Name the job, i.e. A0 for base on A0 point. Select the Coordinate System

## New job: BASELINE $\quad \rightarrow 0$


9. Select No Projection / No Datum


## Trimble Access Base Course

10. Select Grid under Coordinates and input a close estimated Project Height. Click Enter. Click Store

11. Make sure Meters is in the units. Click $1 / 2$ to get to second page


## Trimble Access Base Course

12. Have Cogo Settings as Ground, and select Accept

13. Select Key In

14. Select Points


## Trimble Access Base Course

15. Make sure Northing and Easting is shown, if not, click Options, and select Grid and Accept

16. Enter Point Name, Assumed Northing, Assumed Easting, and Assumed Elevation close to project height. Check Control Point on. Click Store

| (8) Point |  |  | $\rightarrow 0$ | ? $-\times$ |
| :---: | :---: | :---: | :---: | :---: |
| Point name: |  | Code: |  | - 43\% |
| A0 | - | ? | - |  |
| Northing: |  | Easting: |  | 1 |
| 10000.000m | - | 10000.000m | - |  |
| Elevation: |  | Control point: |  |  |
| 700.000 m | - |  |  |  |
|  |  |  |  | Map |
|  |  |  |  | Menu |
|  |  |  |  | Favorites |
|  |  |  |  | Switch to |
| Esc |  |  |  | Store |

17. Click ESC

## Trimble Access Base Course

18. Return to main menu and select Measure

19. Select Start Base Receiver

## Measure $\quad \rightarrow 0] ?-x$

Start base receiver


Continuous topo
Site calibration
End GNSS base survey

20. Input Antenna Height, then click the right arrow next to Point Name. Select Key In


## Trimble Access Base Course

21. Be sure a height is listed on the second GPS Head. Select Options

22. Choose WGS84, click Accept


## Trimble Access Base Course

23. Enter Point Name (use same point name i.e. AO with added GNSS extension to differ from assumed coordinate point). Wait for about a minute for heads to get good coordinates. Select Here a few times to make sure the coordinates don't change much, it may take a minute or two.

24. Click Store

## Trimble Access Base Course


25. Click Start


## Trimble Access Base Course

27. Choose Site Calibration

28. Click Add

29. Enter point number i.e AO, or click the right arrow, and choose point from list in both Grid Point Name, and GNSS Point Name


## Trimble Access Base Course

30. Keep Use as Horizontal \& Vertical. Click Accept

31. Click Apply



## Trimble Access Base Course

33. Choose Measure Points

34. Click Accept

35. Enter Information and Point Name. Be sure Observed Control Point is selected. Input Antennae Height


## Trimble Access Base Course

36. Click Measure. It will take 180 seconds before it will let you finish measuring. Note: Measure To Bottom Of Antenna Mount will be used, not Center Of Bumper.

37. Click Store

38. Continue measure the rest of the points (repeat steps $41-43$ ). When done, click ESC


## Trimble Access Base Course



## Trimble Access Base Course

42. Scroll to the third page to change the Distance display to four decimal places in the drop down and click accept

43. Select COGO

44. Select Compute Inverse

| (3) Cogo |  | 30 | ? | - | $x$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Compute inverse |  | Area calculations |  |  |  |
| Compute point |  | Arc solutions |  |  |  |
| Compute distance |  | Triangle solutions |  |  |  |
| Compute volume |  | Subdivide a line |  |  |  |
| Compute azimuth |  | Subdivide an arc |  |  |  |
| Compute average |  | $1 / 2$ |  |  |  |
| Back | RTK:Fixed H:0.011m V:0.021m RMS:016 |  |  | Next |  |
|  |  |  |  |  |  |

## Trimble Access Base Course

45. Enter Base Point or choose from List, and same with Observed Control Point

46. Inverse calculations figured. Repeat for rest of Observed Control Point. Click Esc when done.

| (*) Compute inverse |  |  | $\times 0$ | ? $-\times$ |
| :---: | :---: | :---: | :---: | :---: |
| From point: |  | To point: |  | $\square 100 \%$ |
| AOGNSS | - | A150 | - |  |
| Azimuth (grid): 227º 53'07" <br> V.Dist: <br> 0.1191 m <br> Grade: <br> 0.0794\% <br> $\Delta$ North (grnd): <br> -100.5945m |  | H. Dist (grnd): 150.0029m <br> Slope dist (grnd): 150.0029 m |  | 1 |
|  |  |  |  |  |
|  |  |  |  | Map |
|  |  |  |  | Menu |
|  |  | $\Delta$ East (grnd): -111.2727m |  | Favorites |
|  |  |  |  | Switch to |
| Esc |  |  |  | Store |

