## Accuracy tests with ShotPlot

To do an accuracy test you need the following Software:

- ShotPlot
- Sius2ShotPlot
- SIUSData

First start SIUSData and open a new Competition, so it will create a new CSV File, e.g. accuracy\_test.csv, and start a competition on all lanes.

Spread some shots on all the targets with control sheets on the back mask.

After the fire, close SIUSData and copy the CSV file to a new directory. e.g. Desktop\Accuracy Test\accuracy\_test.csv

Open Sius2ShotPlot, to convert the SIUS CSV file to ShotPlot files.



Then Open ShotPlot

- 1. Set working directory (e.g. Desktop\Accuracy Test)
- 2. Refresh list
- 3. Select a Firing Point (FP)
- 4. Choose the correct Target Type
- 5. Print the sheet and configure Paper Size

<b>8</b>	ShotPlot 5000 - Version 0.9.8 – 🗖 🗖
20160120_FP_001_P0S_1 20160120_FP_002_P0S_1 20160120_FP_003_POS_1 20160120_FP_004_P0S_1 20160120_FP_005_P0S_1 20160120_FP_005_P0S_1 20160120_FP_007_P0S_1 20160120_FP_009_P0S_1 20160120_FP_011_P0S_1 20160120_FP_013_P0S_1 20160120_FP_014_P0S_1 20160120_FP_015_P0S_1 20160120_FP_018_P0S_1 20160120_FP_018_P0S_1 20160120_FP_018_P0S_1 20160120_FP_018_P0S_1 20160120_FP_018_P0S_1 20160120_FP_018_P0S_1 20160120_FP_021_P0S_1 20160120_FP_021_P0S_1 20160120_FP_022_P0S_1 20160120_FP_023_P0S_1	Bescription         20160120_FP_001_POS_1         Target         10m Air Rifle         Shot being tested
refresh List new set working directory	Normal     7       Strip     7       All Shots     1
Configure Paper Size	PlotCenter Mean of Shots

If you have 10m targets with paper feed, you can print it as a strip.

- 6. Take the paper strip and measure from the center of the first shot to the center of the last (e.g. the fifth) shot, this could be for example 85mm.
- 7. Switch to strip
- 8. Set the shots being tested (e.g. 5)
- 9. Click on calculate, enter from point 1 to point 5 and insert the distance you have measured from shot 1 to 5 (e.g. 85mm), and confirm.
- 10. Click on apply
- 11. Now you can print a sheet in a strip format.

Then overlay the control sheet and the printed sheet to verify the accuracy. The shots must be overlying.

**Note:** It is not given that the target is not accurately, if the shots are not overlying. There is many possible influences, which can cause such a behavior.

For example, the control sheet was not properly attached to the target back mask, or the paper feed was not working properly.