



To start operating the wind tunnel, the user needs only to press the Enter button to start the sequence.



Once calibration has started the user must confirm that there are no objects placed on balance and tunnel. Only the base of the object must be placed.



After confirming, the sequence starts in which the user must wait until the software can store referential values.



Once initial values without fan have been stored the user must close the tunnel such that the air can flow correctly.



The software will then read referential values which will use for deltas in force calculation of drag and lift.



Here these values are being calculated and stored.



Now the object to be measured is placed inside the tunnel.



Initial Values for object and base are stored.



Once all referential initial values for base and base with object are obtained, then the user presses enter which will start the tunnel and the measurements.



Before starting experiment however, the speed must be calibrated by software



After the speed is reached to desired one, the software will then start to reflect those results in the screen.



After obtaining data, the system will calculate the resulting forces and display them to the user. Pressing enter will return the user to the starting sequence.

To configure the software before experiments, the user need only press the Menu button such that parameters for experiment can be entered.

Information will be stored permanently on the Tablet version, and temporarily on the MCU version.

This is the first version of the User Guide.