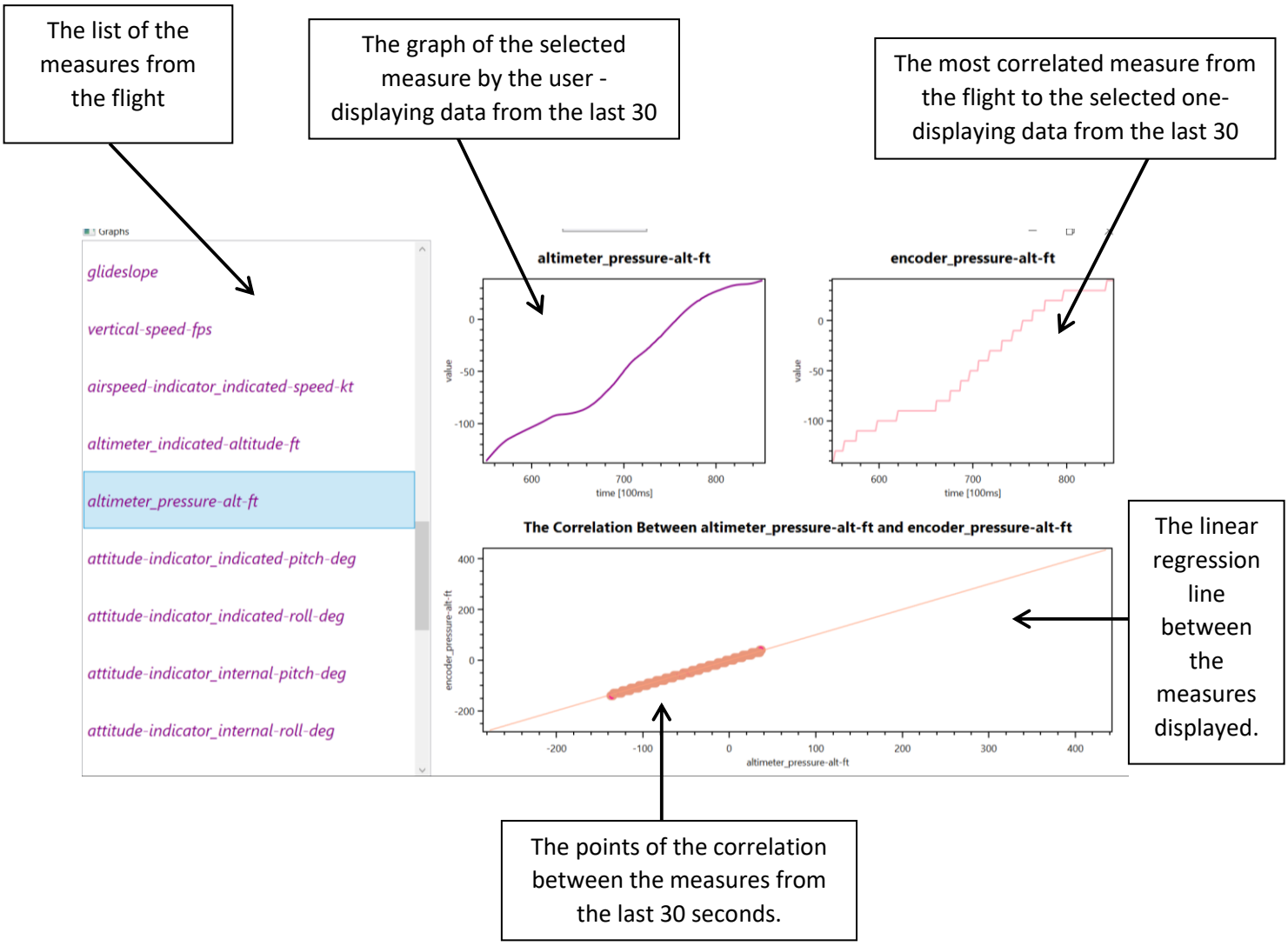
The Graphs classes are also divided to: view, model and viewModel.

The Graphs classes display data from the last 30 seconds of the flight about a selected measure next to the most correlated measure of it. Below, the points of the correlation between them from the last 30 seconds are shown as well as the linear regression line of those measures. The user is able to switch between all the measures of the flight that are found in list next to the graphs.



As for the implementation of the MVVM:

The graphs has a View which holds a field of ViewModel and responsible to display the graphs and the list-box, from which the user should select the wanted measure. Once the user selects a measure it sets the ViewModel property and in his turn sets the Model property. The ViewModel of the graphs hold a field of Model and connects between the Model and the View with binding and matching properties. Also, the ViewModel controls the graphs that are displayed in the View by setting the graphs properties. The graphs (plotView) from the View are binding to the plotModel in the ViewModel that is responsible to give the graphs the information on what should be displays. The ViewModel get this information from the Model. The Model is responsible for the logic part of presenting the data, for example what points should be shown on the screen each time, what

information to read from the csv, who is the correlated measure, and so on. When time is passing the Model updates the information that needs to be displayed and notify the ViewModel that the graphs has changed, and then the ViewModel updates the View.