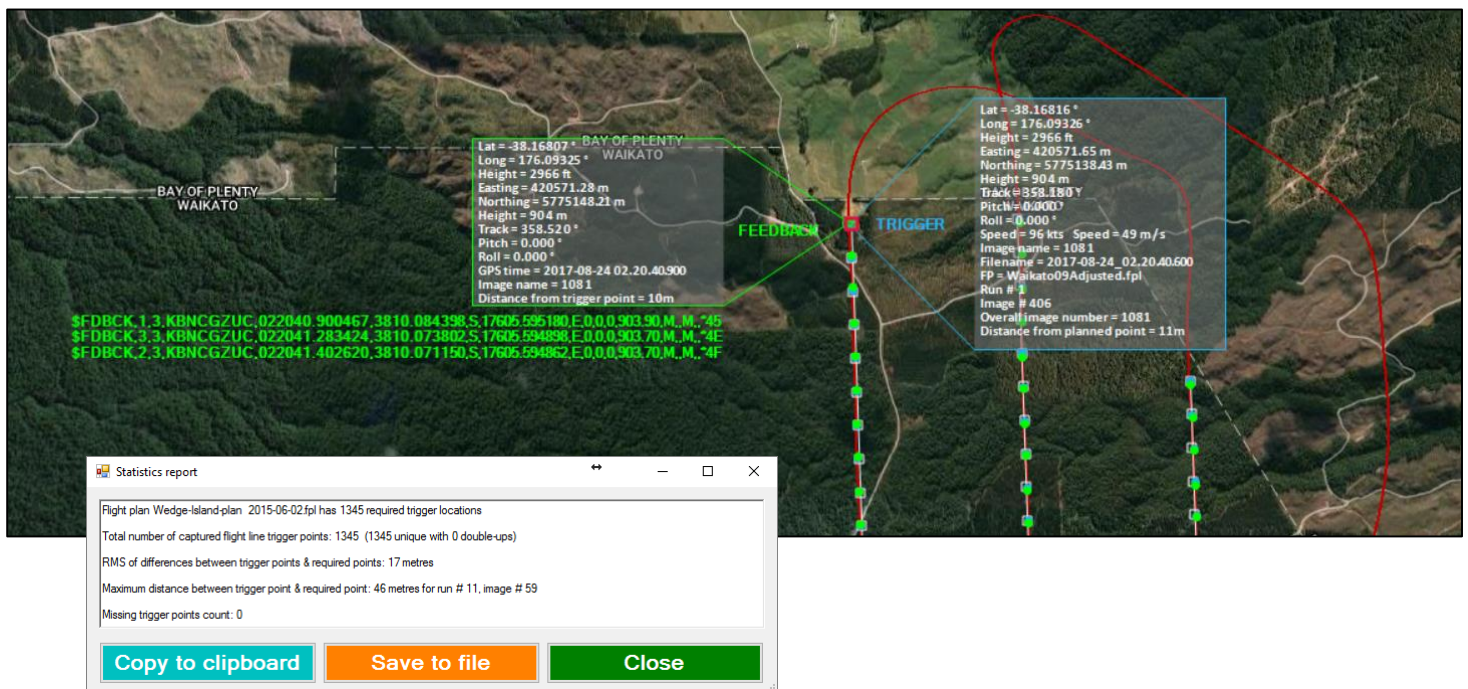# AfterFlight
Post-flight image analysis software

AfterFlight allows the user to quickly and efficiently visualize, analyse and process image and meta data from an aerial survey flight. It can be used in the air immediately after the acquisition, or on the ground. With AfterFlight, you know immediately whether there were any problems with the acquisition. This is why it is so useful: it means that problems can be identified straight away, and fixed while you are still flying in the survey area.

Visualisation
AfterFlight will graphically display the following information:

- The location of all the camera stations
- The footprint of acquired images
- The flight path of the aircraft
- Colour-coded acquisition parameters

This visual information can be displayed on live streaming maps or imported maps.

Analysis
AfterFlight can be used to analyse the meta data from an acquisition flight:

- See detailed data for every image captured
- Create statistics for the whole acquisition flight
- Generate reports to be shared with others
- Compare acquisition data from multiple flights

Quantitatively measure the quality of data acquisition.

Processing
AfterFlight can be used to post-process images:

- Synchronize imagery to meta data
- Write GPS data to image EXIF headers
- Convert NMEA GPS data to a text file
- Export meta data in commonly used GIS formats

These functions can be used to prepare image data for photogrammetric processing.

AfterFlight has been designed to be used with data acquired from the Aviatrix flight management system. It is not compatible with data from other flight management systems.