



January 23, 2007

Experimental Phase 2b – DMC and UltracamD Remarks

- All DMC and Ultracam data is provided in the zipped document <EuroSDR-CamCal-ReflImageCoords-DMC-UCD.zip>.
- After extraction of this document four directories can be found on your disc, each containing one of the four flights, i.e. dmc_high, dmc_low, ucam_high, ucam_low. In each of those directories the flight specific data is provided.
- Image coordinates provided in files <image.dat>, file structure according to PAT-B format, coordinates given in [mikron], no a priori corrections applied
- Coordinates of ground control points given in files <control.dat>, ascii format: UTM coordinates (easting, northing, zone 32) on WGS84 ellipsoid and ellipsoidal heights [m].
- In <check.lst> ascii files the numbers of individual check points are mentioned. Please provide adjusted coordinates of those points back to pilot centre.
- The file <*.ca> includes the main camera parameters, i.e. camera focal length, principal point coordinates and image extensions in [mm]
- The image file <view.jpg> illustrates the image point distribution for each individual image. Note, the images are not plotted in their block structure! Each image number is given.
- The <patb.ori> file contains the results (exterior orientations) of one PAT-B run (in PAT-B format). This for sure is not the final result of the adjustment but might be used as approximation values. Alternatively these orientations can be used to check the correct use of camera parameters and image coordinates before.