

## ES302 – Large-Format Air Photo Scaling Exercise

Use the large format photo provided by the instructor and answer the following questions:

- (1) Which way is north on the photo? How do you know?
- (2) In what year was the photo taken? Provide as accurate a date as possible, bracketing ages are acceptable as needed.
- (3) What is the fractional scale of the photo? Tip: determine the scale at the center of the photo and at least two other locations on the photo.
- (4) What was the camera focal length used to acquire the photo?
- (5) What was the altitude of the aircraft at the time the photo was acquired?
- (6) Determine the total vertical relief on the photo. Answer in feet and meters.
- (7) Question – Is this photo orthorectified? What does “orthorectified mean? (question: is the photo scale constant throughout or scale variable?).