

## **ATSC 5880**

### Mid Semester Homework Project

*Due Date:* 3 PM, Friday March 27

*Scope:* This project should focus on the use airborne measurements from the Univ. of Wyoming King Air collected since 2016. Anyone wishing to use older data sets should seek approval from the course instructor. Students should develop a specific question to guide their project. Questions can be wide-ranging, from investigating the response of a specific instrument to using airborne measurements to interpret characteristics of the atmosphere being sampled. Students should discuss, with the course instructor no later than 5 PM on March 25 the topic of their semester project to ensure the scope fits within the intent of the project assignment.

Students should determine what data will be used for the project. Students will prepare a final report (at least 3 pages, single spaced {no longer than 5!}). Reports must clearly articulate the specific question that is driving their project. Reports should include graphs of data/analyses to support any conclusions.