

# CALIBRATING TEMPERATURE USING LAMS

## Integrating the Hydrostatic Equation

- Assume that the absolute pressure is accurate as calibrated
- GPS provides accurate measurement of geometric altitude
- Consider Integration of the hydrostatic equation between two pressure levels:
  - Predicted altitude change depends on the “mean” temperature.
  - Comparison to a similar “mean” of the measurements checks the accuracy of the temperature measurement.

► Skip Equations