CONCLUSIONS (GV)

Key Results:

1. LAMS provides a direct calibration of airspeed.
   → Longitudinal wind after correction:accuracy <0.2 m/s
2. This calibrates dynamic pressure:
   → q should be increased by about 3.0 mb on average.
3. If total pressure is accurately measured, this calibrates pressure:
   → p should be decreased by about 3.0 mb on average.
4. Accurate pressure supports integration of the hydrostatic equation to calibrate temperature:
   → Results indicate that temperature is accurate to within about 1°C for T<0°C.
5. It is possible to obtain a new temperature measurement solely from p, q, and v_{LAMS}.