Experiment Log

Team: _____ Date: _____ Location: _____

GPS data: Lat _____ Long. _____ Altitude: _____ Page: _____

Event Description	Time of Event mm:ss		Line Length (m)	Temp (°C)	Wind speed (knots)	Angle (deg)	Distance (m)

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Notes:

1. Start chronometer at same time as LabPro. Be sure that LabPro is recording data.
2. Events should be items such as: Rise (start to let out line), Hold (stop letting out line), Descend (start retrieving line), Wind Change, Cloud shadow on Gondola, Sun on Gondola, Rain, etc.
3. Record the temperature and wind speed at the ground station at each event.
4. Record the Angle from horizontal to the balloon at the same time that you use the laser rangefinder to measure the distance to the balloon. Do this at all major holding altitudes.
5. Tie a colored ribbon on the line every 100 ft or 30 m.