Agenda for UAS Weather Forum

- **Matthias Steiner**, NCAR [email: msteiner@ucar.edu]
  - Welcome
- **Louise Fleischer** (& Matt Fay), Zipline [louise@flyzipline.com, matt@flyzipline.com] - provided XPO Hall pass
  - **Weather impacts during medical supply delivery by drone in Rwanda and Ghana**
    Carve out weather experiences, type & frequency of challenges, weather needs
- **Flavio Noca** or Guillaume Catry, WindShape [flavio.noca@windshape.ch, guillaume.catry@windshape.ch]
  - **Creating test environments for assessing UAS performance**
    Artificial & natural testbeds, recreating weather conditions, method for assessing UAS performance
- **Philip Kenul**, Trivector [philip.m.kenul@trivector.us]
  - **Setting an agenda for UAS weather standards and data sharing**
    Today's standards landscape, who should be responsible & potential paths forward
- **Suzanne Weaver Smith** (& Sean C. C. Bailey), University of Kentucky [suzanne.smith@uky.edu]
  - **Obtaining accurate wind and turbulence measurements by small UAS to fill the boundary layer data void**
    Challenges of sensor mounting, calibration & intercomparison in range of environments
- **Remy Parmentier**, Leosphere/Vaisala [rparmentier@leosphere.com]
  - **Atmospheric observations in urban environments**
    Challenges & opportunities for enhancing urban observing networks in support of UAS operations
- **Jim Gregory**, Ohio State University [gregory.234@osu.edu] - provided XPO Hall pass
  - **Safe and efficient navigation of UAS in the urban environment**
    Wind & turbulence challenges around building, routing through urban canyons considering UAS performance limitations
- **James Pinto**, NCAR/RAL [pinto@ucar.edu]
  - **Challenges of micro-weather forecasting for UAS skyways**
    How good are micro weather predictions & how to improve upon that
- **Matthias Steiner**, NCAR
  - Wrapping up