Instructions for Breakout Groups

Operations base; *People+ forecasting folks*

- Determine needs for hotel, rental cars & prepare for those needs

- Conduct advance discussions with vendors to ease interactions during field phase

- Identify emergency numbers in case of accidents

- Identify recreational opportunities, restaurants, and other necessities

Communications ; People: aircraft + ground folks

- Role of website and field catalog in communications
- Backup procedures if primary communication pathway fails
- What are the priorities for limited bandwidth communications other than to and from the aircraft, mobile and fixed assets?

Communications ; *People: forecasting folks*

- Role of website and field catalog in communications
- Backup procedures if primary communication pathway fails
- What are the priorities for limited bandwidth communications

Aircraft Needs ;
People: aircraft folks

- All aircraft
  - Develop methods for communications between ground-based instrument PIs and aircraft instruments
  - Discussion of Flight Patterns
  - Discussion of Decision Making – what aircraft issues force a change in plans
  - Identify measurements to send to ops base
  - Discussion of Decision Making – what aircraft issues force a change in plans

Coordination between the 2-3 Aircraft ;
People: aircraft folks

- Establish protocols for intercomparisons between aircraft
- Identify pre-campaign flight needs
- Optimizing the use of flight hours
- Coordination of flight patterns
- Are their additional education and outreach activities that can be done?

Ground Facilities Needs ; People: ground folks

- Revise maps of each regions that show the facilities in the region

- Identify data format for radar and lightning data, and other data e.g. sondes

- Decision Making – what ground facility issues force a change in plans?

- Are their additional education and outreach activities that can be done?

Forecasting / Modeling Needs ;
People: forecasting folks

- Review & refine the operations of the forecasting
- Identify the lead forecaster
- Describe the role of the website and field catalog for forecasting
- Identify additional products needed in the field catalog
- Identify any needed tools to improve the forecasts
- Are their any education and outreach activities that can be done?

Data management & Field Catalog ;
People: aircraft + forecasting + ground folks

- Role of website and field catalog in data management

- Refine the PECANdata policy, specific for aircraft measurements

- Identify data management conflicts and suggest solutions

- Identify types of data merges for aircraft data

- Note any ideas on ways to use aircraft, ground-based, and satellite data to address PECAN goals?

Decision making ; *People: forecasting folks*

- Refine daily schedule
- Identify methods for disseminating plans in a timely manner