

Instructions for Breakout Groups

Operations base; People: aircraft + forecasting folks

- Poll aircraft instrument PIs about their needs at the ops base
- Determine needs for the ops base meeting rooms
- 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?

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Individual GV and DC-8 Aircraft Needs ;

People: aircraft folks

- GV
 - 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
- DC-8
 - Identify measurements to send to ops base
 - Discussion of Flight Patterns
 - 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 there 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
- Specify types of radar scans
- 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 during DC3
- Identify the lead forecaster, the regional forecasters, the chemical tracer forecasters, and three now-casters for DC3 operations
- 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 there 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 DC3 data 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 DC3 goals?

Decision making ; People: forecasting folks

- Refine daily schedule
- Identify methods for disseminating plans in a timely manner
- Determine ways to choose to fly to storms in one sampling region versus another (based on weather forecasts)