

QUESTIONS & ACTION ITEM ASSIGNMENTS:

1. **Schanot** How many seats on C-130 will be open for students?
2. **Toohey Schanot** Resolve CVI feeds to other instruments = 5 requests (Anderson-2, DeMott, Prather, DMT) but only 4 available.
3. **Schanot** Hudson wants 2 inlets, one of which interstitial.
4. **Schanot** Status of fairing for 3V-CPI probe, which has not flown on C-130 before.
5. **ALL** How should we incorporate instrument intercomparison issues?
  - a) Identify topics & self-form sub-groups (aerosols, thermodynamics, cloud particles, aerosol production mechanisms, cloud structure, entrainment, ..)
  - b) Discuss coordinating comparative variables (CCN @1%, conc > 100nm, ..)
  - c) set up mail sub-groups, wikis for specific topics, advertise on web page, solicit particip.
  - d) suggest devoting analysis day early in deployment to examine performance
6. **side-groups** Discuss options for Lear / C-130 intercomparison flight segments.
7. **Schanot & SteveW** Post on web page the hurricane evacuation plan
8. **Baltzer & SteveW** Want to have Mission Coordinator display available on C-130, at ops center & via internet for remote participants.
9. **Schanot & DeMott** CSU wants to mount additional particle sampler. In which rack? Extra pump?
10. **Leon, Baltzer** What WCL/WCR real-time display products will be available throughout C-130 and transmitted to ops ctr? Post-flight display & analysis products & software?
11. **Snider, Heymsfield, Rogers** Evaluate potential usefulness of SID2H data for clear-air aerosol sampling.
12. **Loehrer, Wang, Field, Williams++** Add to field catalog: satellite imagery, forecast web sites for Caribbean region = NPS Monterrey, CALIPSO, MODIS, MACC, OMI, UK-MetOffice RGB, GERBILS, Puerto Rico NEXRAD, [www.nhc.noaa.gov/](http://www.nhc.noaa.gov/), ..
13. **ALL** Define options for multi-aircraft missions, such as:
  - a) C-130 low ( -5°C), Lear high ( -20°C)
  - b) to study cloud structure with WCR, use C-130 high & Lear mid-cloud
  - c) C-130 crossing a cloud street and Lear higher, punching along the street
14. **Anderson, RAF** Arrange methods for routine rinse-cleaning of UWyo heated inlet in St Croix.
15. **ALL** Plan to execute APIs experiments with high priority early in field project, in order to estimate its impact and potential influence on subsequent flights.
16. **Sonia, Olga, Alexandria, RAF Pilots, Cathy Caesar (CIMH)** – Education/Outreach
  - a) NSF/REU students
  - b) Education/outreach visit to Puerto Rico. Propose landing in Puerto Rico (which airport ?) at the end of a research flight. After showing the aircraft (2 hours?), the C-130 would ferry back to St Croix.
  - c) Univ. Virgin Islands, St Croix
  - d) UCAR/SOARS proteges? Check with Raj Pandya (UCAR SOARS director)
  - e) ICE-T grad students – organize activities, duties, tutorials, exit questionnaire, etc.
  - f) post info on ICE-T web site
17. **ALL** organize daily routine briefing & planning:
  - a) weather forecasting support (dust events, cloud locations, wind shear, tropical storm alerts)
  - b) identify people, assign responsibility & issue calendar
  - c) instrument status
  - d) create reporting forms to post on field catalog
  - e) assign participants at ops ctr to monitor weather & communicate with C-130 during research flights