**27 Aug 2010**

**GRIP (FLL-JSC-DFRC) 14Z Daily Telecon / Webinar**

**Participants**

*FLL Team* – Jeff Halverson, Michael Goodman, John Molinari, Scott Braun, Aaron Bansemer, Steve Durden, Luke Ziemba, Seyed Ismail, Paul Bui

*Telecon*

Tim Miller, Gerry Heymsfield, Michael Black, , Shannon Brown, Gary Wick, , Svetla Hristova-Veleva, , Bob Houze

**Global Hawk Report**

* Aircraft – green
  + Saturday – 18hr science flight into H. Frank in the EPac ; 13Z (6a local) flight
  + HAMSR would like a sonde near water; looking for a flight plan near a 00Z Vandenberg launch
* Droposonde – red
  + 1st sonde launch good; 2nd sonde did not launch because pin release in launch tube stuck (perhaps vacuum pressure against the pin) – might need a redesign of a solenoid. Low altitude test was at 15K ft
  + Engineers understand the cause of the error but still working on the fix
  + Confirmed that the pin will fail with >14 oz of pressure. Ordered a new solenoid with a stronger pull mechanism
  + Re-fly of Low Altitude test flight is tbd
  + COA to drop in the Gulf and Atlantic is approved. Can still drop sondes in Pacific in international waters but seeking COA for Pacific in US territories
* HAMSR – green. Interested in validation data with drops or radiosondes
* LIP - green
* HIWRAP – yellow
  + but can still fly; HIWRAP pulled from Global Hawk today for yesterday but will be reinstalled on Friday for Saturday’s flight.

**WB-57 Report**

* Aircraft – green
* HIRAD - green
  + HIRAD arrived on Tuesday
  + Checkout flight (3hr) on Friday
    - Calm waters over a buoy at different altitudes
  + Decision to suitcase will be made on Saturday; Fly precipitation WB-57 suitcase flights will be out of MacDill AFB, Tampa FL
* NAST-I delayed until next week.
  + NAST-I will not be onboard for the test Friday flight.  The piggybacking ground rules for NAST-I are such that it will not impact HIRAD.  No separate test flights will be done for NAST-I.

**DC8 Report**

* Aircraft– green.
  + Suitcase flight to STX on Saturday
* LASE – green.
* LARGE – green.
* APR2 – green.
* DAWN – yellow.
  + Successfully collected data during the 24Aug flight but the wind retrievals are still being analyzed and processed
  + Found a solution from U,V,W components of the wind
* Microphysics – green
  + PIP installed but comm flights; to be resolved during 28Aug flight. Will confirm
  + CSI cannot fly for the duration of GRIP
* MMS – green.
* Dropsonde – green.

**Science**

* Suitcase flight to STX beginning this Saturday. Targeting now TS Earl which will most likely by H. Earl when we fly on Sun/Mon. Hopeful to catch a sequence of Cat 1 to Cat 2 intensification.
* Planning on a rotated fig-4 with long legs in TS/H Earl
* 10am (14Z) ferry - 2.5 hr flight to STX; For a period during the ferry there will be straight and level flights at 10K altitude for DAWN
* Discussion about night landings at STX and that should can be done but not preferred. Will adjust departures on Sunday and Monday to land before dark.
* GH science flight on Saturday (6a local / 13Z departure) to a weakening H. Frank in the EPac. Concerned that cloud top are to high/vigorous for this first flight. Current GH rule is not to fly over tops < -50K