

HIPPO: Logistics and Ops

- No permanent base, two primary hubs
 - Anchorage FIFO: hangar, shipping, supplies, storage
 - Christchurch Polar Ops: storage, work space, shipping
- Slightly different routes for diff. deployments
 - Alternate contingency route for H-4 is considered
- Shipping support: at the hubs and along route
- Supplies: FPS support at main hubs
- Lodging: varies. OPP in NZ, EOL elsewhere
 - Issues expected for H-4, H-5 in NZ; working on this
- Transportation: varies; mostly rental cars

Flights and Scheduling

- Upload: 3 weeks Ok w/mature payload
- Time zone changes: attention required
- Flight planning: forecast meetings, catalog
- Flight spacing:
 - no consecutive flights
 - generally, no more than two flights btw HD days
 - preferred maint. before flight but possible HD
- Dip clearances – increasing lead time



NCAR

Aircraft data

- GPS position – Omnistar corrected
 - Gaps in data due to ADS issues, H-3; redundant?
- INS Attitude
- Altitude data – pressure and geometric
- Dynamic pressures and winds
- Temperatures
 - Research (Harco)
 - Avionics (reference)
- Dewpoint (water vapor)
 - Buck research chilled mirrors
 - VCSEL
- PLWC, RICE
- FWD video