

Data Management Issues

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Field Catalog

- EOL will provide a Field Catalog for the mission
- Daily Reports
 - HIAPER status and flight summary
 - Operations plan of the day
 - Weather summary
- Operational and research forecast products (graphics)
- FC will go active mid to late March to cover the test flights and allow for modifications/additions
- Planned contents posted on the main START08 web site soon - send feedback/suggestions to Bowman or Williams

Aircraft Data Files

- EOL will produce standard RAF aircraft data files
- Added products (Bowman)
 - Large-scale GFS variables interpolated to aircraft track: PV, u, v, T, θ , RH, tropopause, ... (~1 day)
 - 4-day(?) backward trajectories from the aircraft position (initialized at 1 minute intervals) (~1 day)
 - 4-day(?) forward trajectories from the aircraft position (~5 days)
- Instruments that do not use the aircraft data system
 - If possible, PI should produce data files that are easy to merge with the RAF files (netCDF)
 - Useful for both quick turnaround analysis and long-term data use