

Data Requirements and Sharing with HAIC-HIWC

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HAIC-HIWC Science Team Meeting,
Manhattan, 10-March-2015



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Convair-580 Data Acquisition Systems

1. Convair-580 DAS (state parameters, navigation, flight dynamics, etc.)
2. NAWX DAS (X-,W-band radars)
3. SEA M300 (Ka-band radar)
4. SEA M300 (IKP, Robust probe, Extinction)
5. SEA M300 (CDP, FSSP, PCASP, 2DC, 2DP, Nevzorov, Licor, etc.)
6. DMT PADS (CIP, PIP)
7. 2DS DAS
8. CPI DAS
9. UHSAS DAS
10. Lidar DAS (zenith & nadir)
11. GVR DAS
12. HVPS DAS (TBD?)



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- Primary processing and data quality control of collected data will be done by EC and NRC
 - EC: Particle probes, bulk microphysics, Ka-band radar, lidar
 - NRC: NAWX, GVR, lidar, state parameters, navigation
- The data archive will be maintained by EC
- After sufficient data quality control and processing the data will be freely available for the aviation industry and science community.
- Because of the excessive amount of data and their complexity the data processing may take extended time (~1.5 year).

- Data collected by the NRC Convair-580 will remain intellectual property of the Government of Canada as represented by EC, NRC, and TC
- Publication related to the use of this data require consultation and consideration of co-authorship
- Access to the raw data is the subject of negotiation between major funding agencies

Thank you