

Boeing, Matt Grzych
Jeanne Mason

HAIC-HIWC meeting
March 9-13, 2015

Conference presentations

- **SAE 15ICE-0198 Studies of Cloud Characteristics Related to Jet Engine Ice Crystal Icing Utilizing Infrared Satellite Imagery**
 - Grzych, Mason, Sharpsten, Tritz, Bravin
 - Uses IKP data
 - Comparison of event data and Darwin flights for IR imagery
 - Improving the estimate of HIWC part of cloud from the “enhanced distance” previously reported
 - **Need a reference for IKP data**
- Future: Use the RASTA radar, vertical winds

Collaborations

- Future work with Tom R. comparing Darwin reports of rain on windscreen, vertical G's vs. same information on event data.

Event database update

- Lots of progress organizing and sanitizing – Melissa Bravin
- Initial proposal 30 cases with radar (ground based or TRMM)
- Developed presentation to convince management – propose NDA (meeting March 20, 2015)
 - Collaborator is limited to use the data only for the purposes of validating algorithms for on-board weather radar systems (replace with specific language for each collaborator)
 - Collaborator must not use the data for commercial purposes
 - Collaborator must not publish any of the data without Boeing's permission, and that publication must not display any of the details of the event date or time