Flight Scientist Report
Thursday 03/12/2020 ACTIVATE RF22

Flight Type: Statistical Survey Flight – OXANA then SSW
Flight Route: KLFI - KECG - OXANA - RUNDY - southern point - RUNDY - OXANA - KECG - KLFI

Special Notes: Pilots were concerned with convection along KECG-OXANA flight leg. Called ahead to allow access to warning areas if they need to avoid the convection. Take for both planes were without an issue.

HU25 did cross over the cold pool cloud line on the way out.

**King Air**
- Deviated due to the convective clouds and concerns about icing. The HU25 stayed the course on the way out.

Instruments: All instruments nominal.

**Falcon**
- Instruments: All instruments nominal. No issues on power transition or takeoff.
Rich Moore Quicklook Images:

12 March 2020
Afternoon
ACTIVATE Flight

Visible Image

Cloud Phase
Cloud Liquid Water Path (gm⁻²)

Cloud Droplet Number Concentration (cm⁻³)