

Maintenance of Aggregate-Surfaced Airfields

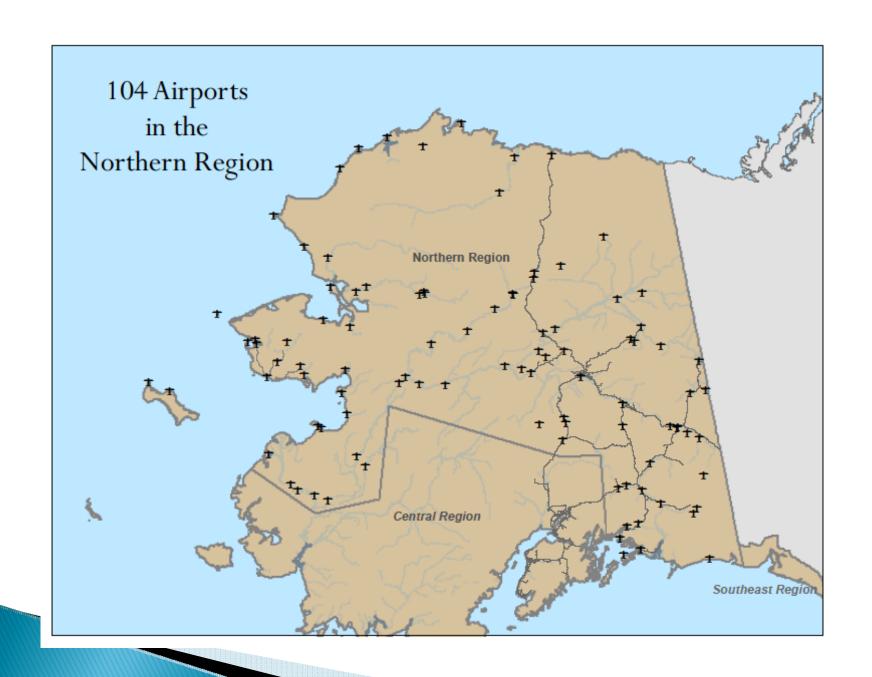
The Alaskan Experience

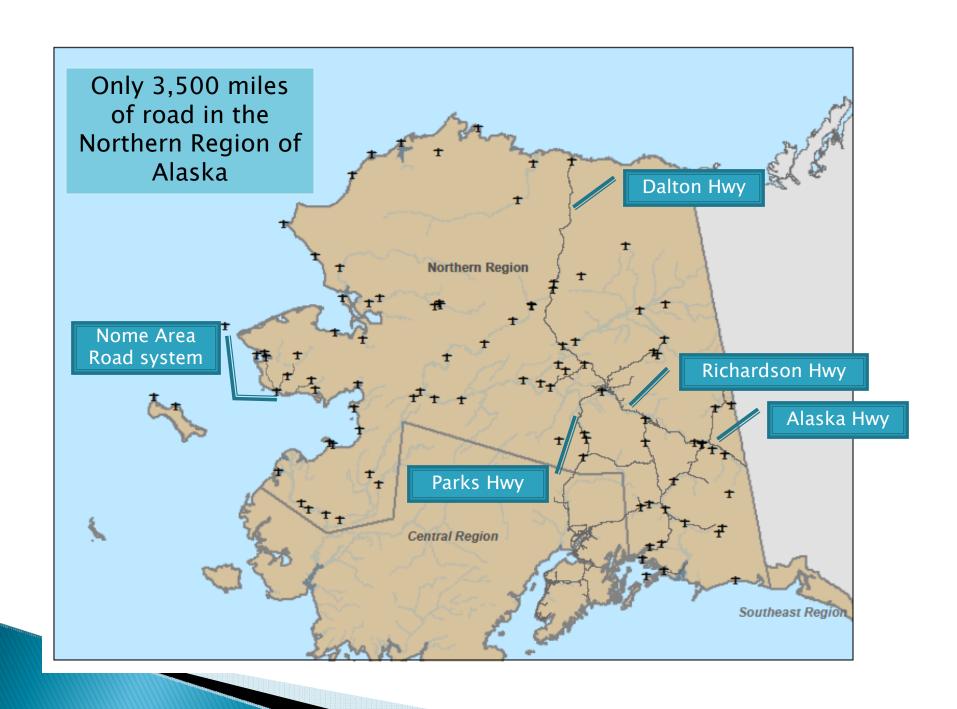
Presented by:
Clark Milne, ADOT&PF, NR Maintenance Engineer
and
Dr. David Barnes, University of Alaska Fairbanks

Canada and Alaska

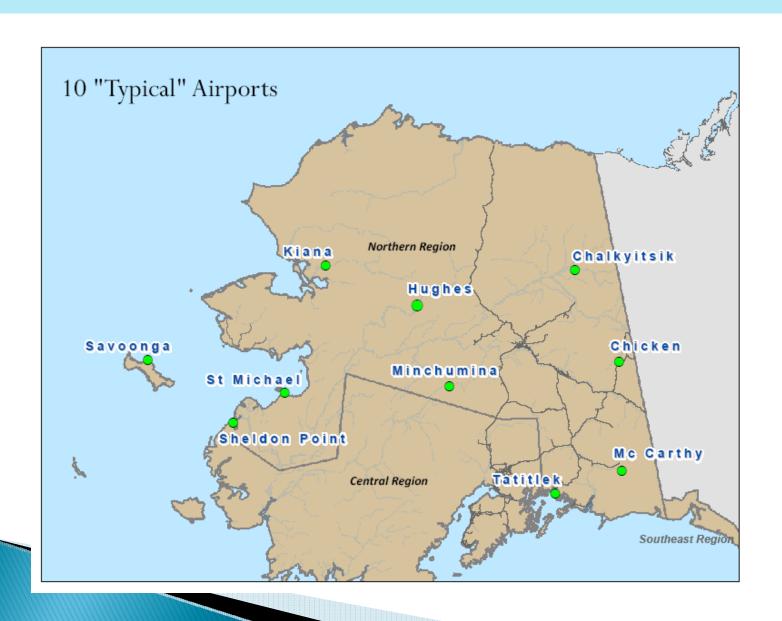








10 "Typical" Northern Region Airports





Chicken Airport



Lake Minchumina with Dust Palliative applied

Sheldon Point Airport at Nunam Iqua





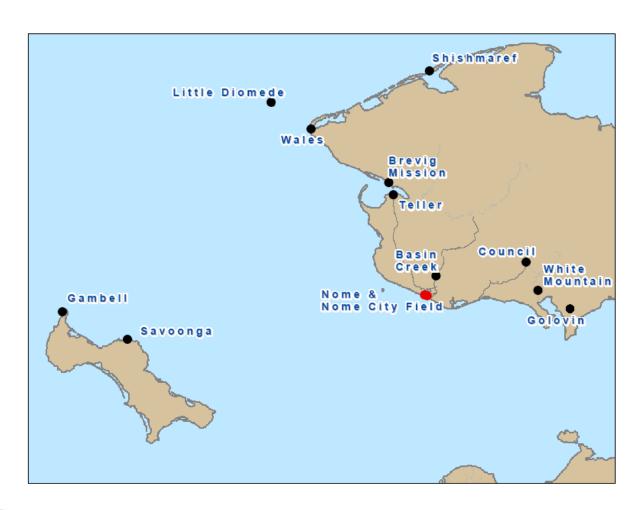
Village of Nunam Iqua





Nome is the "Hub" Airport with 12 "Spoke" Airports

- 12 "Spoke" Airports
- □Basin Creek
- ☐Brevig Mission
- □Council □
- **□**Gambell
- **□**Golovin
- □Little Diomede
- ■Nome City Field
- **□**Savoonga
- **□**Shishmaref
- □Teller
- □Wales
- □White Mountain





SREB @ Wales Airport



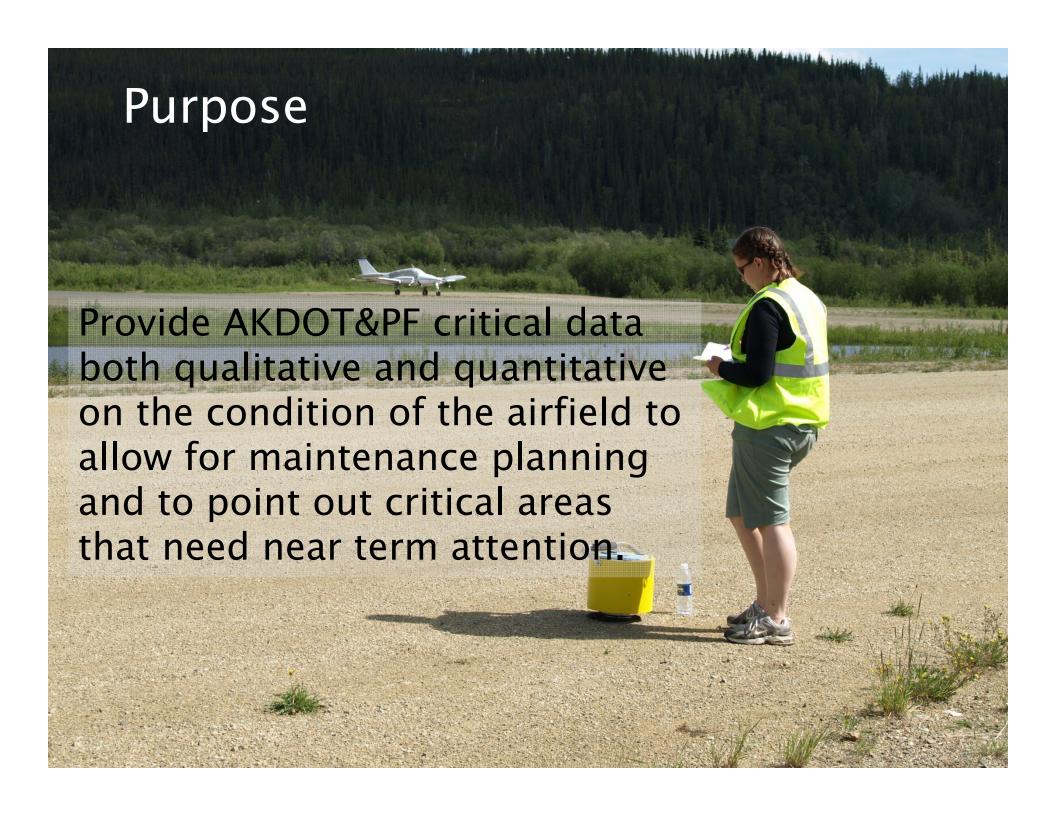
Airport Contractor Paul Manumik,

@ Village of Nunam Iqua



Tetlin Airport - under construction

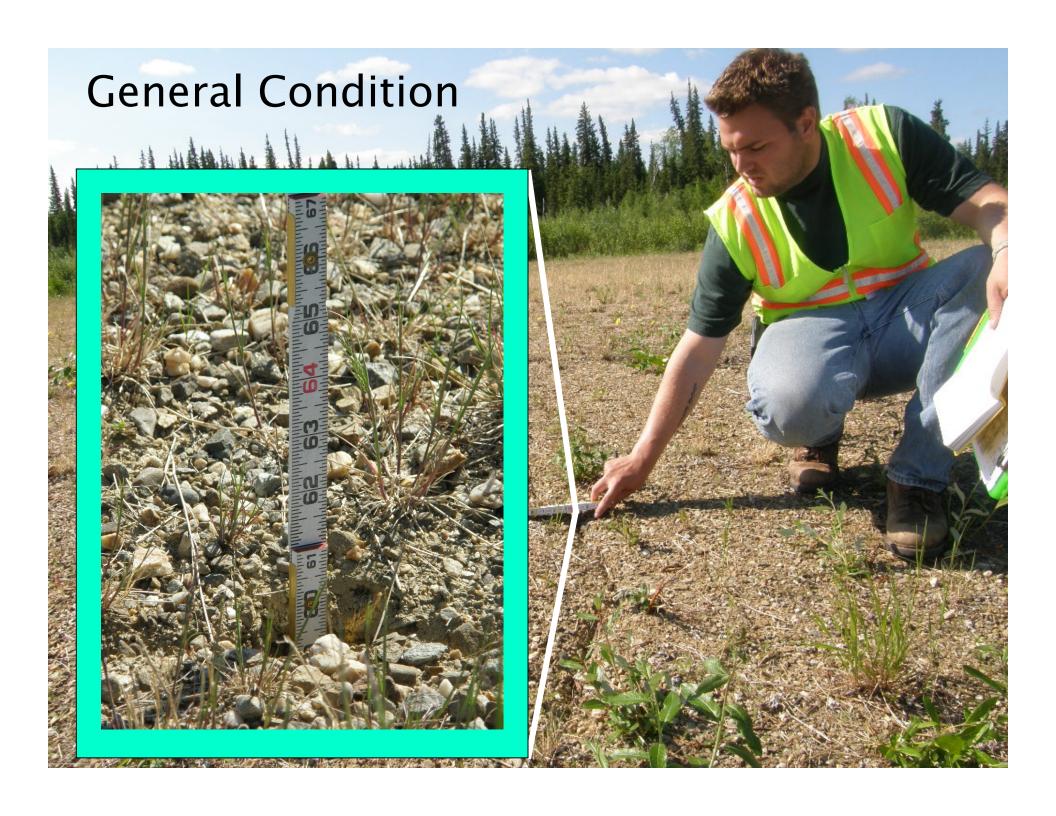






- ·Condition of surface rutting, loose aggregrate, cracking, pot holes.
- Condition of support system lights, segmented circle, wind sock, but
- ·General condition of airfield petroleum spills, sight distances, cleara
- ·Strength of runway surface Geogauge, DCP
- Performance of dust palliative (if present)
- ·Soil properties particle size distribution, compaction, moisture cont



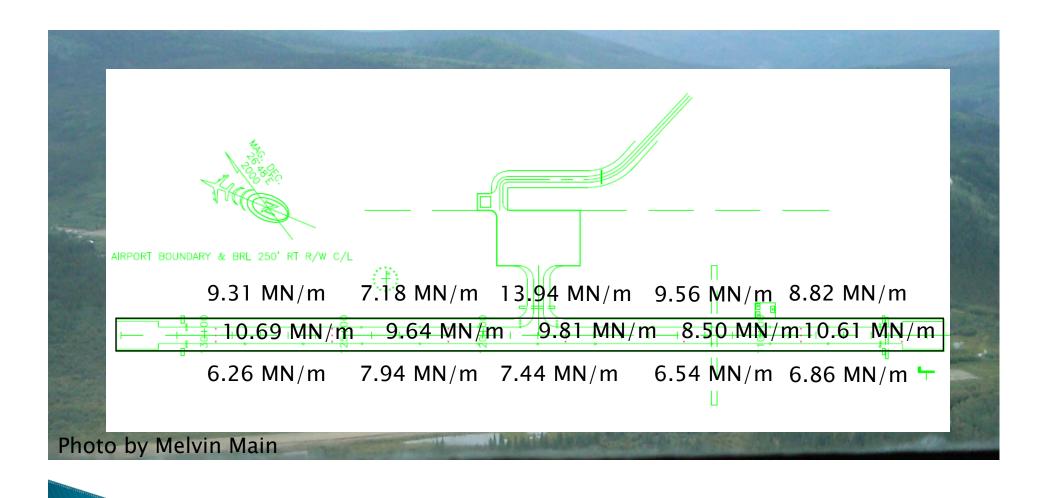








Chicken, Alaska







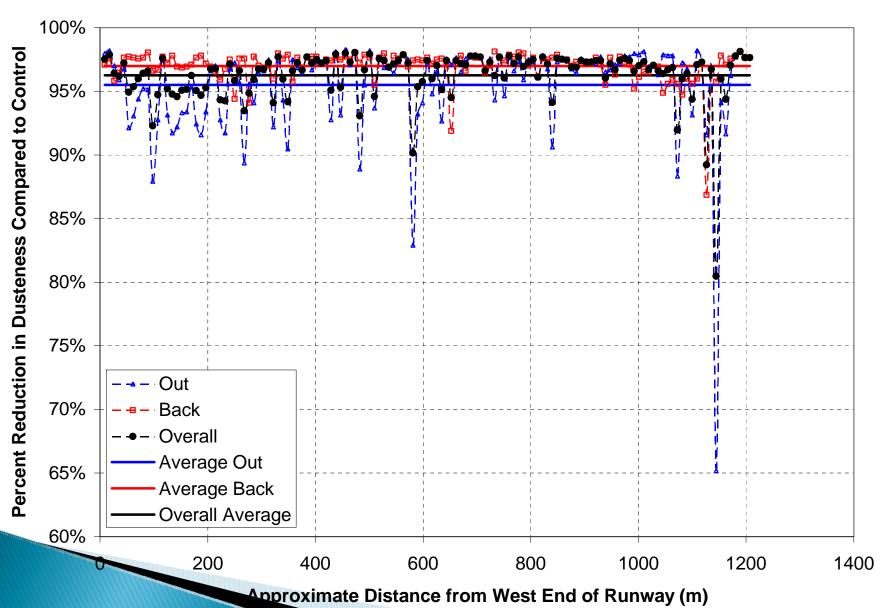
UAF - DUSTM



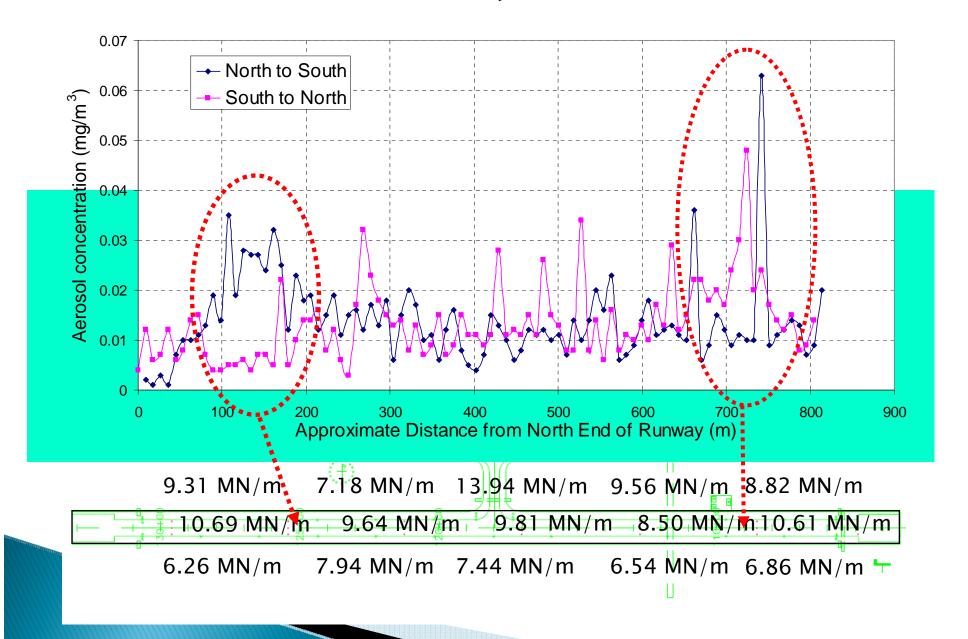
Instrumentation

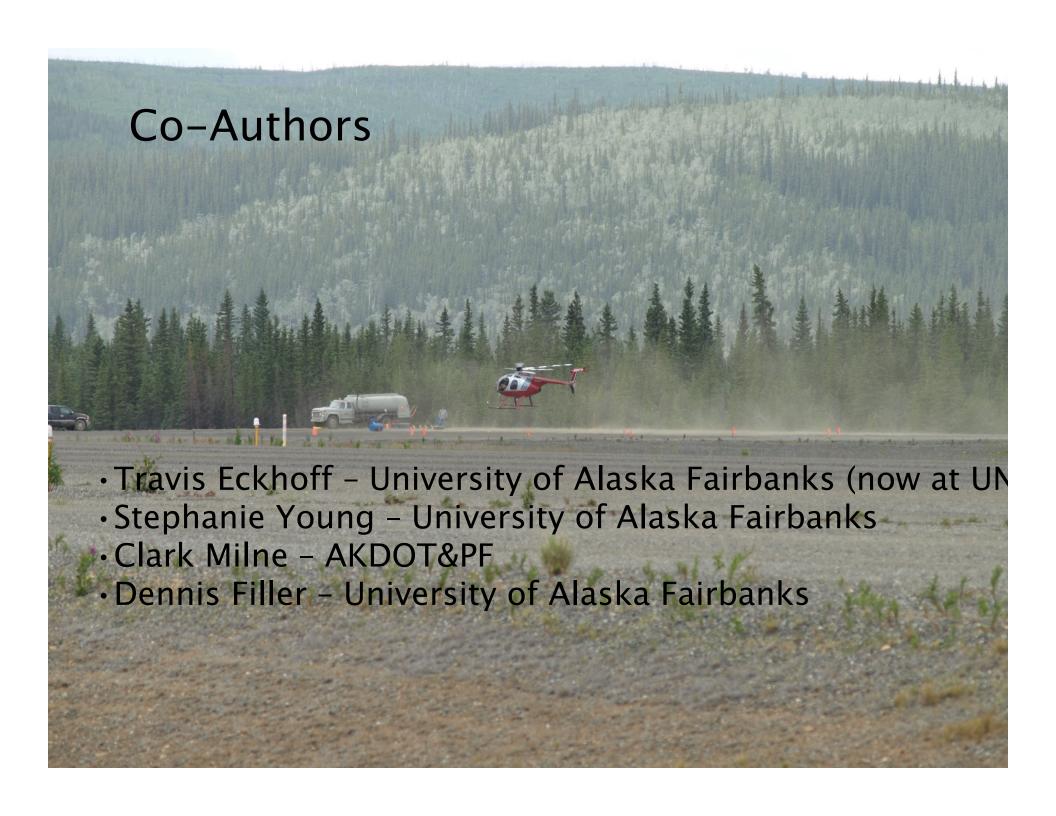
Intake and filter

Circle Hot Springs Runway – June 11, 2009 EK 35



Chicken, Alaska







Contact Information

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