



PRIORITIES, PROGRESS, THE WAY FORWARD

Government of the Northwest
Territories Updates to Northern Air
Transport Association

April 25, 2017



PRIORITIES

- Maximizing Infrastructure Investment
- Quality Assurance, Emergency Planning and Continuous Improvement
- Community Capacity Building
- Regulatory Reform
- Balancing Stakeholder Needs

- While at the same time, faced with hard choices about the way forward in the face of increasing costs and needs



PROGRESS

- TRACR LTE
- New and Improved Infrastructure
- UAV Surveys
- Pavement Management
- Airport Manager Succession Planning



TRACR LTE

- All 21 community airports report via tablets;
- Replaced the traditional faxing to North Bay and increases timely dissemination to under one minute;
- The tablet also used to email Daily Physical Inspection to Airport Manager responsible for that airport;
- Maintainers have easily adapted and are pleased with the system;
- If Air Carriers choose to be on distribution list for any particular airport they can contact :
- Alec Hanna @ alec_hanna@gov.nt.ca



Sample Screenshots

Fort Resolution Airport : staff 19:16 36%

Runway 12-30

Reported Coverage: 100%

Bare & Dry	Frozen Ridges	Compacted Snow Patches
Bare & Damp	Snow Drifts	Compacted Snow Gravel Mix
Bare & Wet	Dry Snow Over Slush	Slush
Dry Snow	Ice	Slush Over Ice
Dry Snow Over Compacted Snow	Ice Patches	Frost
Dry Snow Over Ice	Wet Ice	Standing Water
Wet Snow	Frost Over Ice	Standing Water Over Ice
Wet Snow Over Ice	Compacted Snow	

Next

Previous

Home Review/Send About

Fort Resolution Airport : staff 22:01 32%

Current Report

12-30, Cleared Width 100', 100% Ice

Report Status

Report successfully processed by NAVCanada.

OK

Send

Home Review/Send About

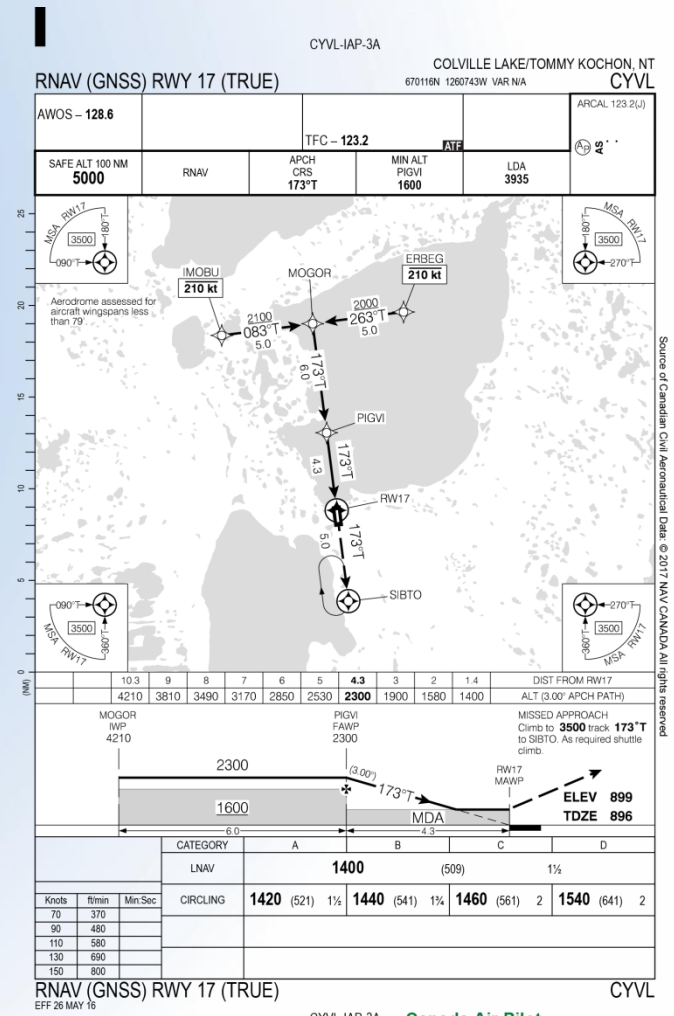


New/Improved Infrastructure





New/Improved Infrastructure





UAV Surveys

- Close coordination with Transport Canada (SFOC)
- Acquisition time and cost low
- Orthophoto and point cloud can be produced within two weeks
- Traditional acquisition of orthophoto and basic line work within one year
- Additional data detail available as needed
- Trees heights behind the tree line definable



Aklavik orthophoto & tree height analysis



ENCROACHMENTS

LEGEND:

- APPROACH SLOPE
- TRANSITIONAL SLOPE
- OLS ACTUAL
- OLS -1m
- OLS -2m



Aklavik orthophoto coverage



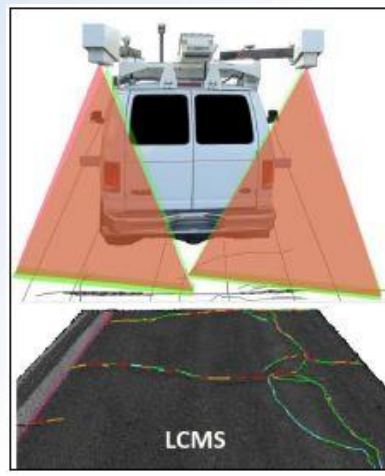


Fort Providence UAV point data





Pavement Management





THE WAY FORWARD

- Exercises
- Projects Planned and In Progress
- Aviation Standing Committee
- Amalgamation/Departmental Reorganization



Emergency Exercises

- The Department of Transportation, with support from Municipal and Community Affairs' (MACA) continues to deliver its emergency exercise approach for small communities which provides critical community-based emergency response training followed immediately by a live exercise.



Emergency Exercises Status

- The training consists of On-Scene Controller, triage, packaging and transport, all of which is tailored to meet the specific needs of our community responders.
- As of January 1st 2017, 19 communities have been taken through the process including the basic first responder training with over 200 people throughout the north.
- This year's exercises in Fort McPherson, Colville Lake, Paulatuk, Tulita, Gameti, and Fort Smith will continue to use this approach



Emergency Exercises





Work on the Horizon





Aviation Standing Committee

- Reinvigorated committee for FTP dialogue
- Opportunity to further CTA review outcomes
- Positive step forward
- Interaction with Industry Organizations –
NATA, CAC



Amalgamation

- April 1, 2017, the Department of Transportation and Public Works and Services combined to become the Department of Infrastructure
- Some resources and areas have been realigned to create greater efficiencies to maintain service delivery and invest in infrastructure
- New Sahtu region
- Air, Marine and Safety Division has increased focus on planning, strategic commercial development and regulatory compliance



QUESTIONS