



The Wildfire Effect

Airport Operational Impacts

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2024

Vantage
GROUP

Overview



Local picture



Heightened Operations



Airfield Operations Management



Communication



Local Picture – YKA

Typical Firefighting Fleet



Heightened Operations Fleet



Out of Province Resources





YKA

Rotary Wing Influx

Heavy Heli and Support Equipment



State of Emergency Ops



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Provincial Base

Commercial Itinerant

General Aviation

Other Impacts of Heightened Ops

- Charter aircraft with firefighting crews (100-200 PAX)
- Aircraft parking fees – airport technicians deployed to off-apron areas to collect billing info.
- PWCC expansion:
 - Rental vehicle fleet for Wildfire Suppression crews – parking
 - Temporary trailers – utility connections and provisions



Airfield Operations Management

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Apron Management

Uncontrolled

Restricted by size of pavement

Aircraft restricted by size/type

Heavy Aircraft

Helis to south side (some off apron).

Large fixed wing – carefully manage, no overnight parking, only 1 TWY can accommodate.

Multiple daily landings – extra rubber deposits on the RWY, reducing friction, obscuring markings.

Surface Closures and Other Uses

Surfaces closed for parking aircraft

Temp TWY closures for off-loading/on-loading

Alternate Parking



TWY Off-Loading / On-Loading



Airfield Operations Management

Staff Productivity

Generally a 50% reduction in airport operations administration staff:

- RAP & AVOP testing
- Setting up lease spaces, coordinating janitorial
- NOTAMs
- Crane Assessments
- Apron monitoring and coordination
- Calls for PPR (apron restrictions)
- General coordination efforts, email & phone
- Taking deliveries and redirecting
- Stakeholder communications and updates
- SMS considerations – HIRAs, safety cases, incident reporting



Airfield Operations Management

Staff Productivity

Field Technicians (AOS):

- AVOP testing
- Entering access codes for gates and doors
- Recording aircraft parking off-apron
- Heavy equipment operations – support military, others

Stakeholder Impacts

- Itinerants restricted, due apron space issues
- Flight schools impacted by restrictive NOTAMs
- Aviation fuel service highly impacted and prioritized. Itinerants and tenants effected.





Communication

Relationships – on airport

Monitoring – fire activity

Communication – affected stakeholders

Media – defer to provincial media liaisons

SMS – data, experience

Debrief – PWCC, NAV



Future Proofing

Thank you

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