

Wildland Fire Operations Research Group Project Proposal Form

This proposal form is designed to encourage innovative ideas directly from wildland fire staff.

Please complete and submit this form to:

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Project Title: Aerial Event Tracking Systems Accuracy

Applicant (*list basic contact information i.e. name, agency, address, email and ph #'s*).

Alberta Sustainable Resource Development
Wildfire Management Branch, Provincial Forest Fire Centre
Wally Born, Manager Aviation and Geomatics (Wally.Born@gov.ab.ca)

Operational Issue (*summarize your issue and, or idea in a few short sentences*).

Event Tacking Systems are marketed as a means to accurately track payload delivery (volumes and delivery points). The question raised in this proposal relates to the accuracy of these tracking systems. How accurate are these devices in terms of payload delivery. What is the error?

Potential Benefits (*expand on the benefits this work could bring to Wildland Fire Operations e.g. improved safety, operational efficiency, cost reduction, etc.*).

Provide agencies with quantitative data on the accuracy of these systems. Provide industry with constructive feedback on agency needs.

Proposed Technology Development (*briefly describe what end products are desired from this research e.g. data, report, handbook, video, poster, new equipment, etc.*).

FPInnovations has been asked to complete a trial which will capture this accuracy. The end product would involve field testing, which would produce film footage, pictures and a final report that would capture quantitative accuracy and error.
