



Helitorch redesign: field test results and modifications

<https://library.fpinnovations.ca/en/permalink/fpipub7721>

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Date: October 2020

Edition: 53070

Material Type: research report

Physical Description: 5 p.

Sector: Forest Operations

Field: Fibre Supply

Research Area: Wildfire Operations

Subject: Wildfires
Forestry
Forest fire

Series Number: InfoNote ; 2020 n. 12

Language: English


Abstract: The Alberta Agriculture and Forestry (AFF) Wildfire Management Branch Ignition Specialists Working Group has endorsed a collaborative project to develop a redesigned helitorch. The goal of this project is to have an acceptable and proven replacement helitorch based on extensive testing.

Documents



InfoNote2020N12.PDF

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Validating the GS-61 on-board mixing system for water-enhancer use with heavy helicopters

<https://library.fpinnovations.ca/en/permalink/fpipub53019>

Author: Refai, Razim
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Date: August 2020

Material Type: research report

Physical Description: 13 p.

Sector: Forest Operations

Field: Fibre Supply

Research Area: Wildfire Operations

Subject: Wildfires
Helicopters
Forestry
Forest fire
FPI TR
Gel

Series Number: Technical Reports ; TR 2020 N 31

Language: English

Abstract: Alberta Agriculture and Forestry (AAF) asked FPInnovations to conduct a field trial of two heavy helicopters that had recently been installed with on-board injection and mixing systems. The study focussed on determining the accuracy and reproducibility of these systems to produce effectively mixed water-enhancers for aerial delivery during wildfire suppression operations. These field trials were conducted north of Slave Lake, Alta. in June 2020. This report discusses the background, methodology, and outcomes of this equipment validation test.

Documents



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