

Burn-Off: Option _

Wildland Fire Ignition Approval Form

Date	08/31/25	Time	1330	Region	North Slave	Fire No.	ZF048-25
Incident Commander	Angel Simon						

Ignition Map	Attached	<input checked="" type="checkbox"/>	To Follow	
Observed Fire Intensity Rank	1	Predicted Intensity Rank During Ignition	2-3	
Proposed Ignition Type	Burning Out	Burning Off	<input checked="" type="checkbox"/>	Back Burning

Background (action to date, consequences of not burning)
 September 1/25 there will be a south/southeast wind event. Fire could potentially run towards Whati with unlimited fuel from fire to the community.

Objective/Desired Results:

Burning of fuel from fire to Whati River, roughly 4500ha of fuel. This will eliminate the flank taking a run towards the community.

Geographic Description (use grid map co-ordinates if applicable)

See map attached

Issues/Problems (size of operation in hectares)

4500 hectares to burn off

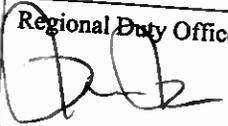
A secondary line is established (cat guard, airport runway), to be used if necessary.

Resource Requirements:
 2 medium helicopters (bucket machines)
 1 intermediate (ignition machine)
 Tanker group on standby if available

Probability of Success/Timing

90% certainty fire will take time to burn off fuel for the next couple of days, but this will stop any threat of fire taking a run towards the community.

Approvals

Regional Duty Officer (or designate)	Comments
	Lawrence Lewis Manager Forest ops.

Appendix 5 Plastic Sphere Go/No-Go Checklist

The helicopter operations on this project require the use of this checklist. If all items are not checked as satisfactory and maintained in that state for the duration of the mission, flying operations will be suspended until the deficiency is mitigated. If the item is not applicable it must be documented in the comments section at the bottom of the form.

Project/Incident		ZK048-25	Location		Whotij, NT
Ignition / Pilot			Date		Aug 31, 25
Ignition Specialist		Ramsay Cook	Date		Aug 31, 25
DAILY INSPECTION					
ORGANIZATION					
GO	NO/GO				
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Ignition organization chart has been prepared and posted in the daily fire operations package showing responsibility for functions by name.			
<input checked="" type="checkbox"/>	<input type="checkbox"/>	All ignition positions are filled by qualified personnel and trainees identified.			
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vendor provided personnel checked by FMD Aviation section.			
HELIBASE OPERATIONS					
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Briefing: to include as a minimum all required Ignition personnel, key-firing personnel, fire protection personnel, and Ignition pilot.			
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Overhead personnel responsibilities and authorities identified and discussed.			
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Area flight hazard map posted in the daily fire operations package, hazards discussed and mitigated with pilot.			
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Personnel assignments/duties/responsibilities known and understood, PPE standards discussed.			
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Establish rendezvous point, escape routes and safety zone for personnel and equipment accountability for Ignition base incidents and escaped fire situation. Radio notification will be made in the event personnel need to evacuate work area.			
<input checked="" type="checkbox"/>	<input type="checkbox"/>	All personnel will be briefed on the hazards associated with the handling of the materials.			
<input checked="" type="checkbox"/>	<input type="checkbox"/>	All loose articles are removed from the aircraft			
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Approved secondary restraint harness and hard-point to attach to.			
CRASH RESCUE PLAN					
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Aviation Safety Plan approved, and posted at heli-base.			
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Heli-base crash rescue personnel assigned, duties discussed and understood.			
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Aircraft Incident Response Plan/Crash Rescue Plan posted at Ignition base and dispatch			
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Map in the daily fire operations package showing flight routes, Ignition area, flight hazards, ground access routes, and alternate landing posted on a bulletin board.			
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Emergency procedures with PSD operations reviewed, duties discussed and understood.			
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Emergency fire suppression and Medivac procedures reviewed, duties discussed and understood. Location of crash rescue, evacuation and first aid equipment discussed with all.			
SUPPORT / EQUIPMENT PERSONNEL					
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Adequate support equipment / trained personnel to compliment the mission			
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Adequate supply of plastic spheres, glycol and water to complete project			
<input checked="" type="checkbox"/>	<input type="checkbox"/>	All personal protective equipment is in place and meets established standards			
PLASTIC SPHERE DISPENSER					
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Installation with correct restraints in place			
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Mechanical operation of equipment is satisfactory			
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Extinguisher (water reserve) system filled and operational – extra water on board			
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Glycol reservoir filled and tightly capped			

The Ignition Operations Go/No GO Checklist is continued on the next page.

PSD Ignition Operations GO/NO GO Checklist (continued)

PLASTIC SPHERE DISPENSER (continued)		
GO	NO GO	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	20 second ignition delay achieved with active sphere
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Intercom and aircraft-to-ground communications confirmed
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Sphere containers secured
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Seat belt cutter available for emergency use
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Trouble shooting / maintenance kit on board
BURNING OPERATIONS		
<input checked="" type="checkbox"/>	<input type="checkbox"/>	All persons briefed and assignments known
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Maps / photos of project area used / posted in the daily fire operations package.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Special weather conditions known / discussed
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Special considerations known and discussed
<input checked="" type="checkbox"/>	<input type="checkbox"/>	All parties briefed as to expected fire behaviour
COMMUNICATIONS		
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Communication Plan completed and posted in the daily fire operations package for all personnel and at Ignition base
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Have established radio frequencies as designated on the Aviation Safety Plan.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Communications tested and operational
ORIENTATION FLIGHT		
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Flight routes include jettisoning machine considerations and alternate landing sites, identified during pilot orientation flight/briefing.
GO/NO GO CHECKLIST		
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Ignition Plan signed-off.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Ignition Operations Go/No Go Checklist Completed. (All items must be checked GO prior to commencing operations.)
Comments (including items that are not applicable)		
Ignition Specialist	Signature: <i>Ramsay Cook</i>	Date: <i>Aug 31, 25</i>
Incident Commander	Signature: <i>[Signature]</i>	Date: <i>31 AUG 25</i>
Support Personnel	Signature: <i>[Signature]</i>	Date: <i>31 AUG 25</i>
Pilot	Signature: <i>[Signature] Devra Beecher</i>	Date: <i>Aug 31/25</i>

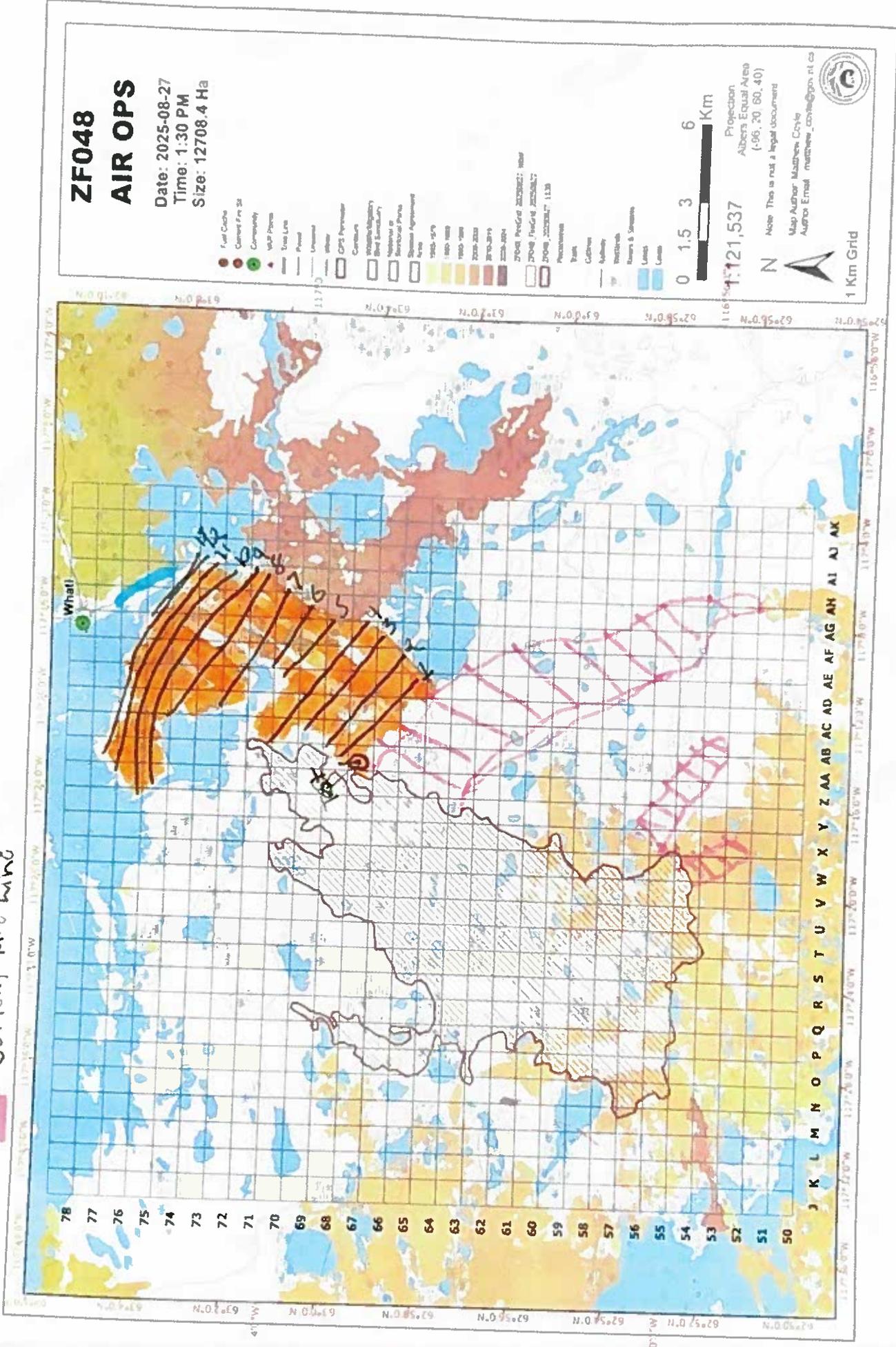
Burn Off

Secondary Line

Current Five Line



— Stone Lines



ZF048 AIR OPS

Date: 2025-08-27
 Time: 1:30 PM
 Size: 12708.4 Ha

- Full Cache
- Current Five 52
- Community
- Map Points
- Time Line
- Project
- Other
- GPS Perimeter
- Cadastral
- Municipality
- Municipal Boundaries
- Municipal ID
- Municipal Parks
- Stations Agreement
- Area
- 1985-1979
- 1975-1984
- 1970-1974
- 1965-1969
- 1960-1964
- 1955-1959
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- 1945-1949
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0 1.5 3 6 Km

1:121,537

Projection
 Alberta Equal Area
 (1-86, 20, 80, 40)

Note: This is not a legal document
 Map Author: Matthew Coyle
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1 Km Grid

