

HAM LAKE INCIDENT

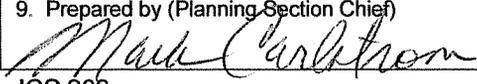
INCIDENT ACTION PLAN



MAY 21, 2007

DAY OPERATIONAL PERIOD

NAD 83
LAT/LONG DEGREES DECIMAL MINUTES

Incident Objectives	1. Incident Name <p style="text-align: center;">HAM LAKE</p>	2. Date Prepared <p style="text-align: center;">05/20/07</p>	3. Time Prepared <p style="text-align: center;">1900</p>															
4. Operational Period <p style="text-align: center;">05/21/07 Monday DAY Shift 0630 - 2000</p>																		
5. General Control Objectives for the incident (include alternatives) <ol style="list-style-type: none"> 1. Ensure the safety of the public and assigned personnel through use of the Incident Safety Analysis (ICS 215A) process and by continually applying the Risk Management Process (IRPG page 1). Ensure appropriate fatigue management. 2. The primary objective is to protect structures, rehabilitate hand and dozer line, and backhaul equipment no longer needed for fire suppression. 3. Minimize impacts on wilderness and historical resources by incorporating wilderness management objectives and appropriate resource concerns. 4. Keep the public and cooperators well informed with daily updates, press releases, display boards and informational meetings. 5. Implement cost effective strategies within the limits determined by the WFSA. 6. Coordinate management actions and administrative reporting with the Ontario Type 1 Incident Management Team (Thunderbird #37). 7. Provide for the safe demobilization of excess resources by providing appropriate communications and coordination. 																		
6. Weather Forecast for Period Refer to the Fire Weather Forecast.																		
7. General Safety Message Refer to the Safety Message.																		
8. Attachments (mark if attached)																		
<table style="width: 100%; border: none;"> <tr> <td><input checked="" type="checkbox"/> Organization List - ICS 203</td> <td><input checked="" type="checkbox"/> Incident Map</td> <td><input checked="" type="checkbox"/> Motorized Use Tracking</td> </tr> <tr> <td><input checked="" type="checkbox"/> Div. Assignment Lists - ICS 204</td> <td><input checked="" type="checkbox"/> Safety Message</td> <td><input type="checkbox"/> Team Welcome Letter</td> </tr> <tr> <td><input checked="" type="checkbox"/> Communications Plan - ICS205</td> <td><input checked="" type="checkbox"/> Traffic Plan</td> <td><input type="checkbox"/> Incident Replacement</td> </tr> <tr> <td><input checked="" type="checkbox"/> Medical Plan - ICS 206</td> <td><input checked="" type="checkbox"/> Fire Behavior</td> <td><input checked="" type="checkbox"/> Aviation Emergency Evacuation</td> </tr> <tr> <td><input checked="" type="checkbox"/> Air Operations Summary - ICS 220</td> <td><input checked="" type="checkbox"/> Human Resource Message</td> <td><input type="checkbox"/> Demob List</td> </tr> </table>				<input checked="" type="checkbox"/> Organization List - ICS 203	<input checked="" type="checkbox"/> Incident Map	<input checked="" type="checkbox"/> Motorized Use Tracking	<input checked="" type="checkbox"/> Div. Assignment Lists - ICS 204	<input checked="" type="checkbox"/> Safety Message	<input type="checkbox"/> Team Welcome Letter	<input checked="" type="checkbox"/> Communications Plan - ICS205	<input checked="" type="checkbox"/> Traffic Plan	<input type="checkbox"/> Incident Replacement	<input checked="" type="checkbox"/> Medical Plan - ICS 206	<input checked="" type="checkbox"/> Fire Behavior	<input checked="" type="checkbox"/> Aviation Emergency Evacuation	<input checked="" type="checkbox"/> Air Operations Summary - ICS 220	<input checked="" type="checkbox"/> Human Resource Message	<input type="checkbox"/> Demob List
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9. Prepared by (Planning Section Chief) 		10. Approved by (Incident Commander) 																

.MONDAY...

SKY/WEATHER.....MOSTLY CLOUDY. A CHANCE OF SHOWERS AND THUNDERSTORMS. CHANCE OF PRECIPITATION 40 PERCENT.
MAX TEMPERATURE.....69-74.
MIN HUMIDITY.....45-50 PERCENT.
20-FOOT WINDS.....SOUTHEAST WINDS 14 TO 19 MPH.
HAINES INDEX.....4 OR LOW.
HOURS OF SUN.....3 HOURS.
PRECIPITATION.....SCATTERED 0.05 TO 0.10 INCH AMOUNTS.

.MONDAY NIGHT...

SKY/WEATHER.....MOSTLY CLOUDY. A CHANCE OF SHOWERS AND THUNDERSTORMS. CHANCE OF PRECIPITATION 50 PERCENT.
MIN TEMPERATURE.....52-57.
MAX HUMIDITY.....95-100 PERCENT.
20-FOOT WINDS.....SOUTH WINDS 12 TO 17 MPH.
PRECIPITATION.....SCATTERED 0.30 TO 0.50 INCH AMOUNTS.

.TUESDAY...

SKY/WEATHER.....MOSTLY CLOUDY. SHOWERS AND THUNDERSTORMS LIKELY. CHANCE OF PRECIPITATION 60 PERCENT.
MAX TEMPERATURE.....71-76.
MIN HUMIDITY.....52-57 PERCENT.
20-FOOT WINDS.....SOUTH WINDS 14 TO 19 MPH.
HAINES INDEX.....4 OR LOW.
HOURS OF SUN.....2 HOURS.
PRECIPITATION.....AREAS OF 0.30 TO 0.50 INCH AMOUNTS.

.FORECAST DAYS 3 THROUGH 7...

.TUESDAY NIGHT...SHOWERS AND THUNDERSTORMS LIKELY. LOWS 50 TO 55. SOUTH WINDS 8 TO 13 MPH. CHANCE OF PRECIPITATION 60 PERCENT.

.WEDNESDAY...CLOUDY. A CHANCE OF SHOWERS AND THUNDERSTORMS. HIGHS 65 TO 70. SOUTHEAST WINDS 8 TO 13 MPH BECOMING SOUTH IN THE AFTERNOON. GUSTS UP TO 21 MPH. CHANCE OF PRECIPITATION 50 PERCENT.

.WEDNESDAY NIGHT...CLOUDY. A CHANCE OF SHOWERS AND THUNDERSTORMS. LOWS 45 TO 50. NORTHWEST WINDS 6 TO 11 MPH. CHANCE OF PRECIPITATION 40 PERCENT.

.THURSDAY...MOSTLY CLOUDY. A CHANCE OF RAIN SHOWERS. HIGHS 55 TO 60. SOUTHWEST WINDS 6 TO 11 MPH. CHANCE OF SHOWERS 40 PERCENT.

.THURSDAY NIGHT...MOSTLY CLOUDY. A CHANCE OF RAIN SHOWERS. LOWS 35 TO 40. WEST WINDS 8 TO 13 MPH. CHANCE OF SHOWERS 40 PERCENT.

.FRIDAY...PARTLY SUNNY. A SLIGHT CHANCE OF RAIN SHOWERS. HIGHS 50 TO 55. NORTHWEST WINDS 6 TO 11 MPH BECOMING NORTH 7 TO 12 MPH IN THE AFTERNOON. GUSTS UP TO 20 MPH. CHANCE OF SHOWERS 20 PERCENT.

.FRIDAY NIGHT...MOSTLY CLOUDY. A CHANCE OF SHOWERS AND THUNDERSTORMS. LOWS 40 TO 45. NORTHEAST WINDS 5 TO 10 MPH. CHANCE OF PRECIPITATION 40 PERCENT.

.SATURDAY...MOSTLY CLOUDY. A CHANCE OF SHOWERS AND THUNDERSTORMS. HIGHS 60 TO 65. NORTHEAST WINDS 3 TO 8 MPH. CHANCE OF PRECIPITATION 30 PERCENT.

.SATURDAY NIGHT...MOSTLY CLOUDY. A CHANCE OF RAIN SHOWERS. LOWS 35 TO 40. NORTHEAST WINDS AROUND 5 MPH. CHANCE OF SHOWERS 40 PERCENT.

.SUNDAY...MOSTLY CLOUDY. A SLIGHT CHANCE OF RAIN SHOWERS. HIGHS 60 TO 65. EAST WINDS 4 TO 9 MPH. CHANCE OF SHOWERS 20 PERCENT.

FIRE BEHAVIOR FORECAST

FORECAST NUMBER: 23	TYPE OF FIRE: Wildfire
FIRE NAME: Ham	OPERATIONAL PERIOD: Day Shifts 05/20-22
DATE ISSUED: 05/19/2007	TIME ISSUED: 1200
UNIT: Superior National Forest	SIGNED: Tom Reid FBAN

PRESCRIPTIONS/ASSUMPTIONS:

Fire was burning in hardwoods intermixed with fir, and jack pine stringers (fuel model 10). All fuels are available for consumption. Fine dead fuel moistures are wet and estimated to be 12-15%. Conifer live fuel moisture readings for this area have been estimated in the 100-110 % range. Predicted 20 foot winds; Sunday-Monday southeast 10 -15 mph, Tuesday south to southeast 15-20 mph. Daytime relative humidity for the period 35-40% with nighttime recovery to 80%.

WEATHER SUMMARY See attached forecast

FIRE BEHAVIOR

GENERAL:

Precipitation received over the fire Saturday and the predicted wet weather pattern Monday through Wednesday will moderate fire behavior. Minimal fire activity is anticipated; expect the fire to spread **less than 1 chain per hour with flame lengths of less than one foot** during the operational periods. Probability of ignition 10 -20 % for the operational periods.

SPECIFIC:

All Divisions:

The fire will smolder and creep throughout the operational periods with the main activity confined to areas of heavy dead and downed jackpots of fuel. Unburned island within the perimeter may still contain hot spots. These spots may be very difficult to detect with the forecasted weather. Surface fire is possible late in the week with warming and drying weather.

AIR OPERATIONS:

Cloud cover may hamper air operations Monday through Tuesday.

SAFETY

Do not become complacent and maintain your situational awareness. Watch your footing, wet conditions can pose a walking hazard. Also watch for falling sags, wet ground can cause trees with compromised root system as the result of the fire to fall as roots to pull out of the soil with the slightest winds.

ORGANIZATION ASSIGNMENT LIST		9. Operations Section	
1. Incident Name HAM LAKE		Operations Section Chief	MICHAEL WURST
2. Date Prepared 05/20/07		Operations Section Chief	
3. Time Prepared 1901		a. Branch I - Division/Groups	
4. Operational Period 05/21/07 Monday DAY Shift 0630 - 2000		Division/Group A / B / W / X / Y / Z	unstaffed
Position	Name	Division/Group	
5. Incident Commander and Staff		Division/Group C / D	ISAAC NAYLOR
Incident Commander / Deputy	GENE MANNELIN	Division/Group	
Canadian Incident Commander	DAVE MANOL	Division/Group B,E	JOHNNY CLEM
Safety Officer	GEORGE POZZUTO	Division/Group	
Information Officer	ANGELA SMITH, ERIN HEEP (t)	Division/Group ENGINE S/T	
Liaison Officer		b. Branch I - Division/Groups (contiued)	
6. Agency Representative		Division/Group REHAB GROUP	AARON HUMPHREY
Agency	Name	Division/Group PUBLIC SAFETY	TOM KAFFINE
USFS Agency Administrator	JIM SANDERS	Division/Group CREWS IN CANADA	DAVE MATIER (LIAISON)
Agency Adm. Rep / Trainee	JOHN WYTANIS / CARLEEN YOCUM	Division/Group BAER TEAM	
Minnesota DNR		Division/Group	
Cook County Sheriff	MARK FALK	Division/Group	
Canadian Liaison	JEFF GAUDRY	Division/Group	
7. Planning Section		c. Branch III - Division/Groups	
Chief	MARK CARLSTROM	Branch Director	
Deputy		Deputy	
Resources Unit		Division/Group	
Situation Unit		Division/Group	
Documentation Unit		Division/Group	
Demobilization Unit		Division/Group	
Fire Behavior Analyst		Division/Group	
Human Resource Specialist		d. Air Operations Branch	
Training Specialist		Air Operations Branch Director	
GIS Specialist		Helibase Manager	
Computer Specialist	ANN SAMPSON	Air Attack Supervisor	
Resource Advisor	TIM ENGRAV	ASGS / HEB1	JOE SUMMERS
Incident Meteorologist		Helicopter Coordinator	
8. Logistics Section		Air Tanker Coordinator	
Chief	DENNIS BROGGER; Jerry Jussila	10. Finance Section	
Deputy		Chief	BRENDA MILES
Supply Unit	WILLIAM LAUER	Deputy	
Facilities Unit		Time Unit	BARB MCELDERRY
Ground Support Unit	KERMIT JOHANSSON(T)	Procurement Unit	
Communications Unit	BYRON VANALSTEIN	Compensation/Claims Unit	
EMTB	ISABELLA IBABAO	Cost Unit	
Security Unit	MIKE WELKER(T)	Prepared by (Resource Unit Leader)	
Food Unit		Gene Mannlin, ICT2 <i>EM</i>	

HEALTH AND SAFETY MESSAGE

SAFETY starts with *YOU*

We are ALL accountable for SAFE behaviors

For Day Operations: May 21, 2007

INCIDENT: Ham Lake

DATE: May 20, 2007

TIME: 1730

Major Hazards and Risks:

- **COMPLACENCY:** The need for adrenaline has lessened. Don't be lulled into an unsafe act.
- **DRIVING:** Residents may be looking at fire effects and not paying attention to their driving.
- **WILDLIFE:** Animals are moving back into the area. Roadsides have more available forage than other areas
- **PORTAGES:** Practice proper lifting of canoe and watch footing

Fire Order of the Day: *Be Alert. Keep Calm. Think Clearly. Act Decisively.*

- **Be alert** for other vehicle operators who may not be paying attention to their driving
- **Keep calm** when animals cross your path
- **Think clearly** before picking up a heavy object
- **Act decisively** when it is time to engage in any task no matter how mundane it may seem

A Reminder from August 2001 (in part)

A number of prescription as well as over-the-counter drugs and treatments contain agents that interfere with the body's ability to maintain normal body temperature during work or under conditions of environmental heat stress. Therapeutic agents include drugs such as: diuretics, laxatives, antihistamines, beta-blockers, tricyclic antidepressants, vasoconstrictors and others. This includes such substances as caffeine, ephedrine and creatine, which are often used as additives in performance enhancing supplements.

Firefighters have been treated for heat related problems after taking over-the-counter performance enhancers. These performance supplements are sold in stores under various names such as yellowjackets, ripped fuel and metabolife (a weight loss supplement). These supplements contain ephedrine or ephedra (ma huang), that react in the body much like amphetamines. Problems with these substances are also being seen in the military and professional sports.

Creatine is a natural substance that is often used by bodybuilders to increase bulk. The downside to this is that it causes the body to retain water in cells so it is not available to dissipate heat.

Caffeine is a diuretic and tends to increase the flow of urine in the body. This increase of fluid output, if not offset with an increased input, can increase dehydration. Coffee, tea, soft drinks and energy drinks contain caffeine, which also serves as a stimulant.

If you or any of your employees are taking any drugs or over-the-counter supplements, please consult a physician or pharmacist about possible side effects while working in hot conditions.

So much for what not to do, firefighters are encouraged to use sport (carbohydrate/ electrolyte) beverages (Gatorade, Powerade, etc.) that enhance fluid intake, help retain fluid, provide energy, and maintain cognitive and immune function during prolonged work in the heat. And don't forget the water, even on cool days.

Thank you for taking care of yourselves and each other!!

George Pozzuto



INCIDENT SAFETY ANALYSIS (215a)

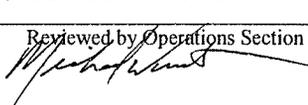
Ham Lake

DIV	HAZARDS	MITIGATIONS	
All	Wildlife	<ul style="list-style-type: none"> • Wildlife are returning to the fire area and most forage is near roads • Keep camp & sleeping area clean of debris, and food • Exercise caution for wildlife crossing roads at dawn & dusk 	
All	Driving & Traffic	<ul style="list-style-type: none"> • Use spotters when backing, and honk horn to alert personnel • Follow 3 second rule when driving on Cook County Road 12 • Always use headlights, wear seatbelts, and use chock blocks • Park in designated areas only • Car Pool to meals, meetings, and fireline when possible • Watch out for Home Owners & Public entering fire area • Don't park in private driveways • Shuttle personnel to limit the number fire vehicles in high use areas 	
All	Local Residents	<ul style="list-style-type: none"> • Property owners are returning to the area • Residents may not be looking at the results of the fire and not the road when they return, be aware of this and pay extra attention to defensive driving habits 	
All	Hazard Trees	<ul style="list-style-type: none"> • Follow "Hazard Tree Safety" guidelines, IRPG pages 80 & 81 • Look up, down around for hazard tree indicators • Only fell trees within your expertise, and training 	
	Water Travel	<ul style="list-style-type: none"> • Follow safety guidelines established in water safety training • Always wear Personal Flotation Devices (PFD) • Paddle near shoreline when white caps are present on water • Secure loads and follow weight restrictions on watercraft • Use good lifting practices when portaging with canoes • Watch for submerged trees when landing in black • Use tool guards or tape in watercraft 	
All	Foot Travel	<ul style="list-style-type: none"> • Watch footing on wet terrain, avoid walking on slick surfaces • Carry tools on downhill side • Use tool guards or tape when traveling to worksite • Maintain 8'-10' spacing 	
ICP Base Camp	ICP Base Camp	<ul style="list-style-type: none"> • Ensure proper footing on wet surfaces • Know locations of fire extinguishers in your work area • Use proper lifting techniques.....lift with legs not back • Get help when lifting heavy items • Assist with backing of vehicles, and forklift operations 	
	Mop Up	<ul style="list-style-type: none"> • Maintain 8'-10' spacing • Wear appropriate PPE such as safety glasses, gloves, etc 	
All	Personal Hygiene	<ul style="list-style-type: none"> • Wash your hands on a regular basis & before each meal • Don't share personal items such as razors, toothbrushes, etc. • Use preventative measures to limit exposure to illness 	
All	Helicopter Operations Fixed Wing Aircraft	<ul style="list-style-type: none"> • Follow "Aviation Watch-Out Situations" on page 46, IRPG • Don't plan on air resources for medical transport 	
INCIDENT NAME Ham Lake		DATE & TIME PREPARED 05/20/2007 1730	OPERATIONAL PERIOD 05/21/2007 Day

Prepared by Safety Officer



Reviewed by Operations Section Chief:



INCIDENT RADIO COMMUNICATIONS PLAN	1. Incident Name	2. Date/Time Prepared	3. Operational Period Date/Time
	Ham Lake	5/20/2007 1900	5/21/2007 DAY

4. Basic Radio Channel Utilization

Radio Type/Cache	Channel	Function	Frequency/Tone	Assignment	Remarks
VHF	1	Tac 1	168.0500 Rx/Tx	Division D	
VHF	2	Tac 2	168.2000 Rx/Tx	Structure Group Rehab Group	Local VFD's may only have this channel in their radios
VHF	3	Tac3	168.6000 Rx/Tx	Division B	
VHF	4	Tac 4	164.1375 Rx/Tx	Division E	
VHF	5	Tac 5	166.7250 Rx/Tx	BAER / ENGINE ST	
VHF	6	Command 6	168.7000 Rx 170.9750 Tx	COMMAND	NIFC "C-1"
VHF	7	Command 7	162.9625 Rx 171.7875 Tx	COMMAND	NIFC "C-7"
VHF	8	Command 8	166.6125 Rx 168.4000 Tx	COMMAND	NIFC "C-4"
VHF	9	SUF Gunflint Repeater	169.9250 Rx 170.5250 Tx 110.9 pl	Forest Net Back Up only	Back-Up
VHF	10	Cook County Sheriff	158.730 Rx D743 155.985 Tx D627	Emergency Contact	WIDEBAND
VHF	11	Tac 11	166.7750 Rx/Tx	Division C	
VHF	12	Air-to-Ground 1	169.2000 Rx/Tx	Primary	
VHF	13	Air-to-Ground 2	166.6875 Rx/Tx	Secondary	
VHF	14/16	Air Guard	168.6250 Rx/Tx 110.9 PL	FOR EMERGENCY USE ONLY	

All frequencies are Analog – Narrowband except as noted

5. Prepared by (Communications Unit)

Byron Van Alstein COML



Logistics Radios: Group 1 Channel 2

Ham Lake Incident PHONE LIST

INCIDENT COMMANDER & STAFF			
		INCIDENT Fax	801-413-0588
IC-US Gene Mannelin	801-413-0586		
GENE CELL#	651-895-5426		
IC-Canada	807-727-0351	MISC.	
Safety	801-413-0566	Duluth Mob Center	218-727-9253
INFO	801-413-0589	MIFC Dispatch	218-327-4558
INFO FAX	801-413-0597	MIFC Dispatch fax	218-327-4528
		MIFC NE Fire Cache	218-327-4578
		MIFC Fire Cache f	218-327-4581
OPERATIONS			
Operations Sec Chief	775-397-0009		
		Cook County Hospital	218-387-3269
AGENCY REPS			
		St Mary's Hospital	218-786-4357
MN DNR	TBD	St Luke's Hospital	218-249-5616
Cook County Sheriff	218-387-3030	Ely-Bloomenson Hospital	218-365-3271
		Gunflint VFD & Ambulance	218-387-3030
PLANS			
	801-413-0586	Gunflint FD	651-895-5427
		Gunflint FD Chief	651-895-5485
PLNS Mark Carlstrom cell	651-895-5424	Luke One Air-Duluth	800-824-5773
		Life Flight-Duluth	800-447-5540
LOGISTICS			
Logistsice Section Chief	801-413-0565	Gunflint Ranger District	218-387-1750
		Sea Gull Guard Station	218-388-2215
DENNIS CELL#	651-895-5473	Gull fax	218-388-2219
Supply/Ordering	801-413-0591	Loon Heli Base	218-365-7565
Ordering fax	801-413-0592	Ely Tanker Base	218-365-4831
		Ely Tanker Base fa	218-365-5420
FINANCE			
	801-413-0590	Heavy Heli Base,GM	218-387-3069
		Larch Helibase	763-257-3646
COMMUNICATION -ICP			
COML - Byron cell	612-741-7716		
CTSP - Ann cell	612-741-7642		
MEDICAL			
IABALO ISBELLE CELL#	651-895-4409		
GAURD STATION	801-413-0583		

MEDICAL PLAN	1 Incident Name	2 Date Prepared	3 Time Prepared	4 Operational Period							
	Ham Lake Fire	5/20/07	1830	5/21/07 0600-2200							
5. Incident Medical Aid Station											
Medical Aid Stations		Location			Paramedics Yes No						
Sea Gull Guard Station		11456 Gunflint Tr. Grand Marais, MN			XX						
6. Transportation											
A. Ambulance Services											
Name		Address		Phone		Paramedics Yes No					
Gunflint VFD Ambulance		Gunflint Lodge Grand Marais, MN		218-387-3030							
Cook Co. Ambulance		Gunflint Tr & 5 th Grand Marais, MN		218-387-3030							
Luke One Air		Duluth, MN		800-824-5773		XX					
Life Flight		Duluth, MN		800-447-5540		XX					
B. Incident Ambulances											
Name		Location			Paramedics Yes No						
Helicopter 863H		Larch Helibase 307-690-2710011881631461330 Satellite					XX				
Beaver Fixed Wing		ELY Sea Plane Base 218-365-7565					XX				
863H											
7. Hospitals											
Name		Address		Travel Time Air Ground		Phone		Helipad Yes No		Burn Center Yes No	
Cook Co. Hospital		515 W 5 th Grand Marais N 47.45.00 W 90.20.00		30min 1hr		218-387-3269		XX			
St. Mary's Hospital		407 E 3 rd Duluth, MN N 46.47.60 W 92.05.90		1hr 3hr		218-786-4357		XX			
St. Luke's Hospital		915 E 1 st Duluth, MN N 46.47.80 W 52.05.40		1hr 3hr		218-249-5616		XX			
Ely-Bloomenson Hospital		328 W Conan Ely, MN N 47.50.00 W 91.52.00		40min 3hr		218-365-3271		XX			
The Miller-Dwan Burn Center		502 East Second Street Duluth, MN 55805		1hr 3hr		(218) 727-5762		X x		XX	
8. Medical Emergency Procedures											
<p>***TENDING TO PERSONAL NEEDS AND KEEPING WARM ARE VITAL WITH THE CHANGE OF WEATHER.</p> <p>***All medical emergencies will be reported to the Divs. The DIVS will notify Ham Lake Communications on the Command Frequency. Communications will clear ALL Radio Traffic, and notify the MEDL. Report should include location, type, and number of injuries, medical, and transportation needs (please include nearest drop point/helispot). Any on-scene EMT's will stabilize the patient.</p> <p>***The term "MEDIVAC" is to be used for life threatening evacuations only.</p>											
Prepared by (Medical Unit Leader)						10. Reviewed by (Safety Officer)					
Isabelle Habar / Med Unit EMT						[Signature]					

AVIATION EMERGENCY EVACUATION PLAN

Ham Lake Incident

Life Flight

Air Rescue: phone 1-800-447-5540

Air/Ground Frequency: 155.340 (State Air Rescue Freq., for use with Life Flight only)

Travel: 60 minute time for aircraft to arrive on scene

Life Flight: Duluth, MN **Night Vision Capable**

Helispot Location:

Ham Lake ICP	Boise Spike	Gunflint Station 1	Sierra Spike
MEDL – Harry Wheeler	Supt: Matt Ziegler		Supt: Kenny Jordan
Lat: N 48° 07' 10.7"	Lat: N 48° 01' 57.9"	Lat: N 48° 02' 36.8"	Lat: N 48° 01' 97.0"
Long: W 090° 50' 24.4"	Long: W 090° 37' 32.6"	Long: W 090° 27' 15.0"	Long: W 090° 37' 44.4"
Elevation: 1509'	Elevation:	Elevation: 1897'	Elevation:

MEDICAL EMERGENCY = LIFE THREATENING INJURY OR ILLNESS

- All **non-Medical emergencies** requiring medical transport only should be clearly stated
- **When requesting medical aid, state:**
 1. Name of On-Scene Incident Commander (DIVS, EMT, etc.)
 2. Location: Drop point, Helispot, road intersection, mile marker, dip site, grid location, lat. X Long., etc. Best reference possible.
 3. Type of injury/illness. Medical Unit Leader will need good set of vitals, A-B-C's for proper assessment.
 4. Number of patients. If helicopter transport required, state number of transport and approximate weight.
 5. Treatment being given.

Helispot Night Marking Procedures:

At ICP: Flashing strobe beacon or Chem lights on corners. *Only used for Medical Emergency*

MEDL Harry Wheeler will be ground contact for night medivacs

**** Keep all non-essential personnel clear of helispot.**

DO NOT use flashlights, headlamps, headlights, etc. to identify Emergency Pad location;

DO NOT shine any lights at the incoming Life Flight helicopter (pilot is wearing night vision goggles!!)

**** All daylight hour non-emergency helicopter transports using incident aircraft will fly in / out of ICP Helispot**

Air/Ground Frequency 169.200 (Channel 12, Ham Lake ICS-205)

Signature:



Meal and Shower Instructions (5/19/2007)

5/20/2007 Sunday

Dinner at Voyageur Lodge from 1830 – 2100

5/21/2007 Monday

Breakfast at Voyageur Lodge from 0530 – 0900

Lunch...Sack lunches, water and Gatorade available at refrigerator van in the Public Boat Launch Parking area next to Voyageur Lodge.

Parking

All vehicles to be parked in the Public Boat Landing parking lot. Access to Voyageur Lodge...walk ¼ mile, follow light sticks

Showers

Showers at Voyageur Lodge.

These arrangements and times will remain in place until further notice.

