

# Anderson Hill

Fire Number PNN51B

Incident Number (MT-SWS-001022)

INCIDENT COMMANDER Erik Newell

OPERATIONS Matt Croswait


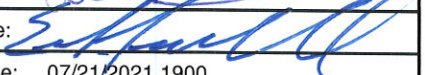
SAFETY Scott Schuster




Operational Period

7/22/2021 0600-2200

## INCIDENT OBJECTIVES (ICS 202)

<b>1. Incident Name:</b>	<b>2. Operational Period:</b> 0600-2200	
ANDERSON HILL	Date/Time From: 07/22/2021 0600 THU	Date/Time To: 07/22/2021 2200 THU
<b>3. Objective(s):</b>		
<p>Firefighter and public safety are priority over all other incident objectives and incident requirements.</p> <p>All operational strategies and tactics should consider associated risk to firefighter/ public safety and utilize the option(s) that have the highest probability of success combined with the least safety risk.</p> <p>Manage risk to responders by ensuring hazards are identified, assessed and where possible mitigated. Accept residual risk when value threatened warrant it and/or the probability of achieving objectives is high.</p> <p>Take necessary precautions to protect nearby private lands and structures and minimize threat to public safety in coordination with responsible protection and jurisdictional agencies.</p> <p>Protect cultural values, namely the Garnet Ghost Town Historic Site as well as other historic mining features in the area.</p> <p>Protect natural values including the Elk Creek and Deep Creek watersheds, and Threatened and Endangered species habitat (grizzly bear, Canada lynx, bull trout, Howell's Gum-weed)</p> <p>Keep the fire south of Centennial road, east of Garnet Ghost Town, North of Deep Gulch road, and west of Reynold's City.</p>		
<b>4. Operational Period Command Emphasis:</b>		
<p>Ensure open communication with local agencies, landowners, and the public to ensure timely and accurate dissemination of fire information. Minimize impacts from suppression activities on cultural resource sites.</p> <p>Minimize or mitigate threats to known cultural resources and utilize trained Resource Advisors/ Archaeologists to avoid sensitive areas when safe to do so.</p>		
<b>General Situational Awareness:</b>		
<p>Suppression and support resource availability is severely constrained due to multiple major incidents in multiple geographic areas. Support resource availability may prevent suppression actions from successful completion.</p> <p>Grizzly bears and black bears are present in the area. All food and attractants must be stored in buildings or vehicles. Absolutely no food can be allowed in tents. Maintain clean camps, staging areas, and other frequented parts of the fire.</p>		
<b>5. Site Safety Plan Required?</b> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		
<b>Approved Site Safety Plan(s) Located</b>		
<b>6. Incident Action Plan</b> (the items checked below are included in this Incident Action Plan):		
<input checked="" type="checkbox"/> ICS 202 <input checked="" type="checkbox"/> ICS 203 <input checked="" type="checkbox"/> ICS 204 <input checked="" type="checkbox"/> ICS 205 <input type="checkbox"/> ICS 205A <input checked="" type="checkbox"/> ICS 206	<input type="checkbox"/> ICS 207 <input type="checkbox"/> ICS 208 <input checked="" type="checkbox"/> ICS 220 <input checked="" type="checkbox"/> Map/Chart <input checked="" type="checkbox"/> Weather Forecast/Tides/Currents	<b>Other Attachments:</b> <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____
<b>7. Prepared by:</b> TERRI MATTHEWS	<b>Position/Title:</b> PSC3	<b>Signature:</b> 
<b>8. Approved by Incident Commander:</b>		<b>Signature:</b> 
<b>ICS 202</b>	<b>IAP Page</b>	<b>Date/Time:</b> 07/21/2021 1900

## ORGANIZATION ASSIGNMENT LIST (ICS 203)

<b>1. Incident Name:</b>		<b>2. Operational Period:</b> 0600-2200	
ANDERSON HILL		Date/Time From: 07/22/2021 0600 THU	Date/Time To: 07/22/2021 2200 THU
<b>3. Incident Commander(s) and Command Staff:</b>			
IC/UC	ERIK NEWELL		
DEPUTY	KELLY HARPER		
SAFETY OFFICER	SCOTT, SCHUSTER		
<b>4. Agency/Organization Representatives:</b>			
<b>Agency/Organization</b>	<b>Name</b>		
<b>5. Planning Section:</b>			
CHIEF	BRIAN LAMPHEAR		
DEPUTY	TERRI MATTHEWS (T)		
SITUATION UNIT	OWENS, RAECHEL F (T)		
<b>6. Logistics Section:</b>			
CHIEF	SCOTTY MASON		
DEPUTY	KELSEY WHITE (T)		
GROUND SUPPORT UNIT	GAPPERT, DWIGHT		
MEDICAL UNIT	ISENBERG, ANDREW MCDONAGH, PENELOPE A (T)		
<b>7. Operations Section:</b>			
OPS SECTION CHIEF	MATT CROSSWAIT		
DIVISION/GROUP	A	JB CLAY	
DIVISION/GROUP	O	GABE MEDINA	
DIVISION/GROUP	R	JACOB KEOGH	
DIVISION/GROUP	Z	DREW BROWN	
<b>7b. Air Operations Branch:</b>			
AIR OPS BRANCH DIRECTOR	MARK INGRAM		
AIR ATTACK SUPERVISOR			
AIR SUPPORT SUPERVISOR			
HELICOPTER COORDINATOR			
AIR TANKER COORDINATOR			
<b>8. Finance/Administration Section:</b>			
CHIEF	CONNIE LANG		
TIME UNIT	TAMRA MARTINEZ		
TIME UNIT	MARK DURHAM (T)		
PROCUREMENT UNIT	THOMAS LAUHLIN		
<b>9. Prepared By:</b>			
<b>Name:</b>	TERRI MATTHEWS	<b>Position/Title:</b>	PSC3 (T)
<b>Signature:</b>			
ICS 203	IAP Page	<b>Date/Time:</b>	07/21/2021 0954

FNUS75 KMSO 211707  
FWSMSO

Spot Forecast for Anderson Hill  
National Weather Service Missoula MT  
1107 AM MDT Wed Jul 21 2021

Forecast is based on forecast start time of 1100 MDT on July 21.  
If conditions become unrepresentative...contact the National  
Weather  
Service.

...FIRE WEATHER WATCH IN EFFECT FROM THURSDAY AFTERNOON THROUGH  
THURSDAY EVENING...

.DISCUSSION...Thunderstorms will redevelop this afternoon  
around/after 1500 and continue through late this evening. Some  
storms could grow to become strong, with strong outflow winds up  
to 40-50 mph being the main threat, along with lightning and  
hail. Thursday continues to look windy and dry, with the threat  
for critical fire conditions to persist.

.REST OF TODAY...

- \* Sky/Weather.....Sunny then becoming mostly cloudy. Chance of  
rain showers and thunderstorms in the afternoon.
- \* CWR (> 0.10 Inch)...30 percent.
- \* LAL.....3.
- \* Max Temperature.....79-84.
- \* Min Humidity.....29-34 percent.
- \* Wind (20 ft).....Variable 2-5 mph becoming southwest 10-17  
mph with gusts to around 30 mph in the afternoon. Gusty erratic  
winds of 40 to 50 mph are possible in areas directly beneath  
thunderstorms.
- \* Mixing Height.....Less than 100 ft agl increasing to 8500 ft  
agl in the afternoon.
- \* Mixing Winds.....Southwest 15 mph.
- \* Haines Index.....3 very low.
- \* Precip Amount.....0.07 inches.

.TONIGHT...

- \* Sky/Weather.....Partly cloudy. Chance of rain showers and  
thunderstorms in the evening.
- \* CWR (> 0.10 Inch)...Less than 10 percent.
- \* LAL.....3.
- \* Min Temperature.....51-56.
- \* Max Humidity.....65-70 percent.
- \* Wind (20 ft).....West-northwest 5-11 mph with gusts to 25

- mph...decreasing to 5-10 mph overnight,  
\* Mixing Height.....8500 ft agl decreasing to less than 100 ft  
agl after sunset.  
\* Mixing Winds.....West 15 mph.  
\* Precip Amount.....0.00 inches.

.THURSDAY...

- \* Sky/Weather.....Mostly sunny.  
\* CWR (> 0.10 Inch)...0 percent.  
\* LAL.....1.  
\* Max Temperature.....76-81.  
\* Min Humidity.....20-26 percent.  
\* Wind (20 ft).....Northwest 5-10 mph increasing to 13-20 mph  
with gusts to around 30 mph in the afternoon.  
\* Mixing Height.....Less than 100 ft agl increasing to 7000 ft  
agl in the afternoon.  
\* Mixing Winds.....West 25 mph.  
\* Haines Index.....4 low.  
\* Precip Amount.....0.00 inches.

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**Division/Group Assignment List (ICS 204 WF)**  
Controlled Unclassified Information//Basic

<b>1. Incident Name:</b>			<b>3.</b>			
ANDERSON HILL			<b>Branch:</b>		<b>Division/Group</b>	
<b>2. Operational Period:</b> 0600-2200					<b>A</b>	
Date/Time From: 07/22/2021 0600 THU	Date/Time To: 07/22/2021 2200 THU					
<b>4. Operations Personnel</b>						
<b>OPERATIONS CHIEF</b> MATT CROSWAIT		<b>DIVISION/GROUP SUPERVISOR</b> JB CLAY				
<b>AIR ATTACK SUPERVISOR</b>						
<b>5. Resources Assigned this Period</b>						
Strike Team / Task Force / Resource Designator		LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time
PHOENIX CREW - AZ-AZS			CLINT KELLY	18		
ROCKY MOUNTAIN FIRE COMPANY - CREW T2IA #1		08/02		20		
FALLER MODULE - TIMBER TRAIL AND SPUR CONTRACTORS L.L.		07/30	R, CHITWOOD	2		
<b>6. Control Operations/Work Assignments:</b>						
<b>7. Special Instructions:</b>						
Grizzly bear and black bears are present in the area. All foo and attractants must be stored in buildings or vehicles. Absolutely no food can be allowed in tents. Maintain clean camps, staging areas, and other frequented parts of the fire.						
<b>8. Division/Group Communication Summary</b>						
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode
TACTICAL	7	168.0500		168.0500		
AIR TO GROUND	12	171.7250		171.7250		
<b>9. Prepared By (Resource Unit Leader)</b>			<b>Approved By (Planning Section Chief)</b>		<b>Date</b>	<b>Time</b>
TERRI MATTHEWS			BRIAN LAMPHEAR		07/21/2021	1900

**Division/Group Assignment List (ICS 204 WF)**  
Controlled Unclassified Information//Basic

<b>1. Incident Name:</b>			<b>3.</b>			
ANDERSON HILL			<b>Branch:</b>		<b>Division/Group</b>	
<b>2. Operational Period:</b> 0600-2200					<b>O</b>	
Date/Time From: 07/22/2021 0600 THU		Date/Time To: 07/22/2021 2200 THU				
<b>4. Operations Personnel</b>						
<b>OPERATIONS CHIEF</b> MATT CROSWAIT		<b>DIVISION/GROUP SUPERVISOR</b> GABE MEDINA				
<b>AIR ATTACK SUPERVISOR</b>						
<b>5. Resources Assigned this Period</b>						
Strike Team / Task Force / Resource Designator		LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time
PIMA T2IA CREW #1		08/05	JUSTIN WEDO	18		
RED RIVER T2IA CREW		08/06		18		
ENGINE - T3 - CAHOON CONSTRUCTION AND FIRE - 1FDNF60J1		08/01	RUSS GODDARD	3		
ENGINE - T6 - HART VENTURES, INC. - 1FD0X4HY3GEA93053		07/31	SCOTT BLACKCROW	3		
ENGINE - T6 - CAHOON, BRIAN - 1FTWX31Y05EA38396		08/01	BRIAN CAHOON	3		
ENGINE - T6 - CAHOON CONSTRUCTION AND FIRE - 1FDAW57R2			FRANCIS CAHOON	3		
ENGINE - T6 - FIRE TRAX LLC - 1FD0W5HT3HEF22898		08/03		3		
TFLD		08/05	SCOTT PINA	1		
<b>6. Control Operations/Work Assignments:</b>						
Secure and mop up around Dandy Mine cabins.						
Continue direct line towards Division A.						
Locate and evaluate contingency lines.						
<b>7. Special Instructions:</b>						
Grizzly bears and black bears are present in the area. All food and attractants must be stored in buildings or vehicles. Absolutely no food can be allowed in tents. Maintain clean camps, staging areas, and other frequented parts of the fire.						
<b>8. Division/Group Communication Summary</b>						
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode
TACTICAL	8	168.2000		168.2000		
AIR TO GROUND	12	171.7250		171.7250		
<b>9. Prepared By (Resource Unit Leader)</b>			<b>Approved By (Planning Section Chief)</b>		<b>Date</b>	<b>Time</b>
TERRI MATTHEWS			BRIAN LAMPHEAR		07/21/2021	1900

**Division/Group Assignment List (ICS 204 WF)**  
Controlled Unclassified Information//Basic

<b>1. Incident Name:</b>			<b>3.</b>			
ANDERSON HILL			<b>Branch:</b>		<b>Division/Group</b>	
<b>2. Operational Period:</b> 0600-2200					<b>R</b>	
Date/Time From: 07/22/2021 0600 THU	Date/Time To: 07/22/2021 2200 THU					
<b>4. Operations Personnel</b>						
<b>OPERATIONS CHIEF</b> MATT CROSWAIT		<b>DIVISION/GROUP SUPERVISOR</b> JACOB KEOGH				
<b>AIR ATTACK SUPERVISOR</b>						
<b>5. Resources Assigned this Period</b>						
Strike Team / Task Force / Resource Designator		LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time
DOZER - T1 - KOMBEREC, CHARLES R - 46A-31806			CHARLES KOMBEREC	2		
DOZER - T3 - 9MILE CONTRACTING LLC - 4JN00370			BILL KREIS	2		
MISC - SKIDGINE, T2 - PITMAN RESOURCES LLC - DW648DS52			CODY HUETT			
GREAT NORTHERN TYPE2IA				20		
ENGINE - T6 - AZ-SJO - LIC# G-110HR - ENG-1972 (ENGINE)		08/01	ROBERT DALLEJOS	4		
ENGINE - T6X - AZ-HBO - LIC# G-893CP - BR-72 (4X4 - CA		08/01	JEFF PURINTON	3		
TFLD(T)			CY HANSEN	1		
HEQB			PICKLES	1		
HEQB (T)			JOHN ELSER	1		
<b>6. Control Operations/Work Assignments:</b>						
Scout Big Creek for contingency line placement						
<b>7. Special Instructions:</b>						
Grizzly bears and black bears are present in the area. All food and attractants must be stored in buildings or vehicles. Absolutely no food can be allowed in tents. Maintain clean camps, staging areas, and other frequented parts of the fire.						
<b>8. Division/Group Communication Summary</b>						
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode
TACTICAL	9	168.6000		168.6000		
AIR TO GROUND	12	171.7250		171.7250		
<b>9. Prepared By (Resource Unit Leader)</b>			<b>Approved By (Planning Section Chief)</b>		<b>Date</b>	<b>Time</b>
TERRI MATTHEWS			BRIAN LAMPHEAR		07/21/2021	1900



**Division/Group Assignment List (ICS 204 WF)**  
Controlled Unclassified Information//Basic

<b>1. Incident Name:</b>			<b>3.</b>			
ANDERSON HILL			<b>Branch:</b>		<b>Division/Group</b>	
<b>2. Operational Period:</b> 0600-2200					<b>Z</b>	
Date/Time From: 07/22/2021 0600 THU		Date/Time To: 07/22/2021 2200 THU				
<b>4. Operations Personnel</b>						
<b>OPERATIONS CHIEF</b> MATT CROSWAIT		<b>DIVISION/GROUP SUPERVISOR</b> DREW BROWN				
<b>AIR ATTACK SUPERVISOR</b>						
<b>5. Resources Assigned this Period</b>						
Strike Team / Task Force / Resource Designator		LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time
MISC - SKIDGINE, T1 - J & E CONTRACTING, LLC - 94U1786			ED JUNGERS	2		
ENGINE - T3 - CAHOON, BRIAN - 1FD0W5HT0DEA97683			TREVOR SCOTT	3		
ENGINE - T3 - HART VENTURES, INC. - 1HTMMAAL07H414253		08/01				
ENGINE - T6 - NMGNF - E-651			NICK CLARK	4		
ENGINE - T6X - AZ-FRY - LIC# G-874FH - BR-365 (4X4) (A)				3		
ENGINE - T6X - AZ-WAL - LIC # G-650DV (4X4) (AZ-ADC)				3		
TFLD			RYAN ELLIOTT	1		
FALLER MODULE - MILLER CREEK REFORESTATION INC - MC2 D		07/30	MARK ALBER	2		
FALLER MODULE - BROTHERS FIRE LLC - BROTHERS-MTMDC FAL		07/31	WADE LONG	2		
<b>6. Control Operations/Work Assignments:</b>						
Improve line from A-Z break towards R. Patrol and grid for spot fires.						
<b>7. Special Instructions:</b>						
Grizzly bears and black bears are present in the area. All food and attractants must be stored in buildings or vehicles. Absolutely no food can be allowed in tents. Maintain clean camps, staging areas, and other frequented parts of the fire.						
<b>8. Division/Group Communication Summary</b>						
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode
TACTICAL	10	166.7250		166.7250		
AIR TO GROUND	12	171.7250		171.7250		
<b>9. Prepared By (Resource Unit Leader)</b>			<b>Approved By (Planning Section Chief)</b>		<b>Date</b>	<b>Time</b>
TERRI MATTHEWS			BRIAN LAMPHEAR		07/21/2021	1900

**Division/Group Assignment List (ICS 204 WF)**  
Controlled Unclassified Information//Basic

<b>1. Incident Name:</b>			<b>3.</b>			
ANDERSON HILL			<b>Branch:</b>		<b>Division/Group</b>	
<b>2. Operational Period:</b> 0600-2200					<b>STAGING</b>	
Date/Time From: 07/22/2021 0600 THU		Date/Time To: 07/22/2021 2200 THU				
<b>4. Operations Personnel</b>						
<b>OPERATIONS CHIEF</b> MATT CROSWAIT		<b>DIVISION/GROUP SUPERVISOR</b>				
<b>AIR ATTACK SUPERVISOR</b>						
<b>5. Resources Assigned this Period</b>						
Strike Team / Task Force / Resource Designator		LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time
WATER TENDER			D. WESSELIUS	1		
KOMBEREC EXCAVATOR			CHARLES KOMBEREC	1		
E-28 TYPE 2 DOZER			POPS	1		
DOZER - T2 - HAYNES EXCAVATION INC - T0850JX140954		08/02		2		
<b>6. Control Operations/Work Assignments:</b>						
Continue dust abatement activities.						
Support other Divisions as needed.						
**Resources will be assigned to specific Divisions at morning briefing.						
<b>7. Special Instructions:</b>						
Grizzly bears and black bears are present in the area. All food and attractants must be stored in buildings or vehicles. Absolutely no food can be allowed in tents. Maintain clean camps, staging areas, and other frequented parts of the fire.						
<b>8. Division/Group Communication Summary</b>						
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode
COMMAND						
TACTICAL						
LOGISTICS						
AIR TO GROUND						
<b>9. Prepared By (Resource Unit Leader)</b>			<b>Approved By (Planning Section Chief)</b>		<b>Date</b>	<b>Time</b>
TERRI MATTHEWS			BRIAN LAMPHEAR		07/21/2021	1900

<b>INCIDENT RADIO COMMUNICATIONS PLAN</b>	<b>Incident Name</b>	<b>Prepared Date / Time</b>		<b>Operational Period Date / Time</b>	
	<i>Fire Name</i>	<i>7/21/21</i>	<i>19:00</i>	<i>7/22/21</i>	<i>06:00 - 22:00</i>

**4. Basic Radio Channel Utilization**

Function	CH.	Frequency/Tone		Assignment	Remarks
Union	1	151.1750 RX CG	151.4750 TX 141.30 CG	Medical	NAC \$455
Elevation	2	169.6750 RX CG	162.1625 TX 110.90 CG		NAC \$455
Belmont	3	169.6750 RX CG	162.1625 TX 131.80 CG		NAC \$526
Command 4	4	170.4250 RX 141.30 CG	168.0750 TX 141.30 CG	Fire to ICP	
Granite	5	171.1375 RX CG	164.1500 TX 167.90 CG		NAC \$68F
Sentinal	6	169.6750 RX CG	162.1625 TX 123.00 CG		NAC \$4CE
Tac 1	7	168.0500 RX 141.30 CG	168.0500 TX 141.30 CG	Div A	
Tac 2	8	169.2000 RX 141.30 CG	168.2000 TX 141.30 CG	Div O	
Tac 3	9	168.6000 RX 141.30 CG	168.6000 TX 141.30 CG	Div R	
Tac 4	10	166.7250 RX 141.30 CG	166.7250 TX 141.30 CG	Div Z	
	11	RX CG	TX CG		
A/G Primary	12	171.7250 RX CG	171.7250 TX CG		
A/G Secondary	13	166.8250 RX CG	166.8250 TX CG		
	14	RX CG	TX CG		
VMED 28	15	155.3400 RX 156.70 CG	155.3400 TX 156.70 CG		
Air Guard	16	168.6250 RX CG	168.6250 TX CG		

5. Prepared by

## INCIDENT ACTION PLAN SAFETY ANALYSIS (ICS 215A)

<b>1. Incident Name:</b> Anderson Hill		<b>2. Incident Number:</b> N51B	
<b>3. Date/Time Prepared:</b> Date: July 21, 2021    Time: 2000		<b>4. Operational Period:</b> Date From: 07/22/2021    Date To: 0600 Time From: 07/22/2021    Time To: 2200	
5. Incident Area	6. Hazards/Risks	7. Mitigations	
Fireline	Stump holes	Burning stump holes, constantly evaluate footing, ground stability and ash holes.	
Fireline	Snags	Identify and flag all high-risk areas / snags. Keep personnel out of the area until the hazard has been removed or mitigated.	
Fireline	Rolling Debris	Rolling debris, all PPE is to be worn when working on any portion of the line.	
Fireline	Aircraft	Aircraft are assigned to the incident, beware of this equipment working above you.	
Fireline	Driving	Drive with due regard. Wildlife, snags, rocks, dust and narrow roads have all been observed.	
Fireline	Hydration	Please stay hydrated, 2 bottles of water to every bottle of gatorade is recommended.	
Fireline	Heavy Equipment	Dozers / heavy equipment are working in the area of crews. Be heads up for heavy equipment.	
ICP / Basecamp	Driving (entering and exiting)	Please keep to speed at a max of 5 mph entering and departing ICP / basecamp. Follow entrance and exit signage.	
ICP / Basecamp	Sleeping	Please only sleep in designated sleeping area free of moving vehicles.	
ICP / Basecamp	Health Hazard	Camp-crud / COVID protocols. Please practice basic hygiene. Wash hands and face prior to entering the kitchen area.	
ICP / Basecamp	Trip hazards	Power cables have been ran through ICP, driving and trips hazards.	
<b>8. Prepared by (Safety Officer):</b> Name: <u>Scott Schuster - SOFR</u> Signature: _____			
<b>Prepared by (Operations Section Chief):</b> Name: <u>Matt Crosswait - OPS</u> Signature: _____			
<b>ICS 215A</b>		Date/Time: <u>July 21, 2021 - 2000 hours</u>	

## MEDICAL PLAN (ICS 206 WF)

1. Incident/Project Name		2. Operational Period			
Anderson Hill Fire		Date/Time 07/21/2021			
Ambulance Services					
Name	Complete Address	Phone/Frequency	Advanced Life Support (ALS) Yes No		
Drummond Volunteer Ambulance	147 East Front St , Drummond MT 59832 (406)239-9690		X		
Greeno-Potomac Volunteer Fire Dept. Chief Ryan Hall	40412 MT State Highway 200 Greenough, MT 59823 (406)544-3034	No transport capabilities	Must Request the Company and specify: Auto Extrication, medical assist, LZ assist. X		
<b>Clinton Fire Dept</b> <b>Bill Tucker</b>	<b>12300 US Highway 10 East</b> <b>Clinton, Montana 59825</b> <b>(406)240-5187</b>		X		
Air Ambulance Services					
Name	Phone/Freq.	Type of Aircraft & Capability			
Life Flight Network		ALS Helicopter with 1 patient capacity			
Hospitals					
Name Complete Address	GPS Datum – WGS 84 Coordinate Standard Degrees Decimal Minutes DD° MM.MMM' N - Lat DD° MM.MMM' W - Long		Note: Travel add approximately 1 hr from fireline Travel Time Air Land Phone/Freq.	Helipad Yes No	Level of Care Facility
	Lat:	Long:			
<b>Community Medical Center</b> 2827 Fort Missoula Rd Missoula, MT 59804	46°50.910 -114° 2.866	24 mins	(406) 728-4100 Helipad (406) 327-4171 x1	X	Level 3 trauma
<b>Providence St Patrick Hospital</b> 500 W. Broadway Missoula, MT	46° 52.551' -113° 59.986'	36 mins 12 mins	(406) 543-7271 Helipad (406) 329-2620	X	Level 2 trauma, Cardiac, Stroke
<b>Harborview Burn Center</b> 325 9 <sup>th</sup> Ave. Seattle, WA 98104	47° 36.188" -122° 19.50'	8hrs - 14 mins 77 min	(206)744-5735	X	Level I Trauma &, Burn Center
	Lat: Long:				
Div. / Branch/ Group / Other	Area Location Capability	EMS Equipment			
Anderson Hill Fire Line (lookout)	ALS / BLS	ALS/ BLS , AED, Transverse Rescue Stretcher Andrew Isenberg MEDL: (775)772-1059			
Base Camp Beavertail Hill	ALS/BLS	Basic fire camp medical supplies, ALS Emergency Kit, AED. Penelope McDonagh MEDL (T) (267)410-7558			
DIV A					
DIV R					
Medical Special Instructions					
Two Bear Air Rescue	Flathead county dispatch center	hoist capabilities			
Prepared By (Medical Unit Leader)	Date/Time	Reviewed By (Safety Officer)	Date/Time		
Andrew Isenberg MEDL					

# Medical Incident Report – 8 Line

**FOR A NON-EMERGENCY INCIDENT, WORK THROUGH CHAIN OF COMMAND TO REPORT AND TRANSPORT INJURED PERSONNEL AS NECESSARY.**

**FOR A MEDICAL EMERGENCY: IDENTIFY ON SCENE INCIDENT COMMANDER BY NAME AND POSITION AND ANNOUNCE "MEDICAL EMERGENCY" TO INITIATE RESPONSE FROM IMT COMMUNICATIONS/DISPATCH.**

**Use the following items to communicate situation to communications/dispatch.**

**1. CONTACT COMMUNICATIONS / DISPATCH** (Verify correct frequency prior to starting report)

*Ex: "Communications, Div. Alpha. Stand-by for Emergency Traffic."*

**2. INCIDENT STATUS:** Provide incident summary (including number of patients) and command structure.

*Ex: "Communications, I have a Red priority patient, unconscious, struck by a falling tree. Requesting air ambulance to Forest Road 1 at (Lat./Long.) This will be the Trout Meadow Medical, IC is TFLD Jones. EMT Smith is providing medical care."*

Severity of Emergency / Transport Priority	<input type="checkbox"/> <b>RED / PRIORITY 1 Life or limb threatening injury or illness. Evacuation need is IMMEDIATE</b> <i>Ex: Unconscious, difficulty breathing, bleeding severely, 2° – 3° burns more than 4 palm sizes, heat stroke, disoriented.</i> <input type="checkbox"/> <b>YELLOW / PRIORITY 2 Serious Injury or illness. Evacuation may be DELAYED if necessary.</b> <i>Ex: Significant trauma, unable to walk, 2° – 3° burns not more than 1-3 palm sizes.</i> <input type="checkbox"/> <b>GREEN / PRIORITY 3 Minor Injury or illness. Non-Emergency transport</b> <i>Ex: Sprains, strains, minor heat-related illness.</i>
Nature of Injury or Illness & Mechanism of Injury	Brief Summary of Injury or Illness <i>(Ex: Unconscious, Struck by Falling Tree)</i>
Transport Request	Air Ambulance / Short Haul/Hoist Ground Ambulance / Other
Patient Location	Descriptive Location & Lat. / Long. (WGS84)
Incident Name	Geographic Name + "Medical" <i>(Ex: Trout Meadow Medical)</i>
On-Scene Incident Commander	Name of on-scene IC of Incident within an Incident <i>(Ex: TFLD Jones)</i>
Patient Care	Name of Care Provider <i>(Ex: EMT Smith)</i>

**3. INITIAL PATIENT ASSESSMENT:** Complete this section for each patient as applicable (start with the most severe patient)

Patient Assessment:  
See IRPG page 106

Treatment:

**4. TRANSPORT PLAN:**

Evacuation Location (if different): (Descriptive Location (drop point, intersection, etc.) or Lat. / Long.) Patient's ETA to Evacuation Location:

Helispot / Extraction Site Size and Hazards:

**5. ADDITIONAL RESOURCES / EQUIPMENT NEEDS:**

*Example: Paramedic/EMT, Crews, Immobilization Devices, AED, Oxygen, Trauma Bag, IV/Fluid(s), Splints, Rope rescue, Wheeled litter, HAZMAT, Extrication*

**6. COMMUNICATIONS: Identify State Air/Ground EMS Frequencies and Hospital Contacts as applicable**

Function	Channel Name/Number	Receive (RX)	Tone/NAC *	Transmit (TX)	Tone/NAC *
COMMAND					
AIR-TO-GRND					
TACTICAL					

**7. CONTINGENCY: Considerations:** If primary options fail, what actions can be implemented in conjunction with primary evacuation method? Be thinking ahead.

**8. ADDITIONAL INFORMATION:** Updates/Changes, etc.

**REMEMBER:** Confirm ETA's of resources ordered. Act according to your level of training. Be Alert. Keep Calm. Think Clearly. Act Decisively.



## Cramer Fire (Idaho) – July 22, 2003

### Category:

This Day in History

This Day in History is a brief summary of a powerful learning opportunity and is not intended to second guess or be judgmental of decisions and actions. Put yourself in the following situation as if you do not know the outcome. What are the conditions? What are you thinking? What are YOU doing?

**May the lessons of the Cramer Fire not be lost on an Idaho ridge.**

### Incident Summary:

Central Idaho, including the Salmon-Challis National Forest (SCNF), had been in a period of drought for four years. In 2003, spring and summer rainfall lagged. At 1630 on July 20, a fire was reported in the area of Cramer Creek. Jumpers were dispatched and sized up the Cramer Fire at three acres with high spread potential. High winds kept them from engaging the fire. Firefighters were flown in to a helispot (H1) on a ridge between Cramer and Cache Bar drainages. Due to fire behavior, they did not engage the fire. The fire burned actively until 0230 July 21. By morning, the fire is over 35 acres.

In addition to other air and ground resources, the Indianola helicopter (H193) and helitack crew reported to the fire at 1515. By 1952, the fire was 200 acres. At 2000, fire intensity was reported to be low due to a thermal belt. The fire burned actively until 0300 on July 22. At approximately 0930, H193 rappelled two rappellers into a new helispot (H2) up the ridge from H1. Air attack reported the fire perimeter was now over the ridge and in the Cache Bar drainage. The fire was on both sides of the ridge that the helispots were on. Fire was active below H1. The rappellers were felling large trees on H2 to clear room for medium helicopters that had been ordered for a crew shuttle. H193 transitioned to bucket work on H1 at 1127, and minutes later the firefighters on H1 pulled back and retreated down the trail toward the river. Twenty minutes later, H1 was burned over. Fire activity was reported as "intense."

By 1430, the fire in the Cache Bar drainage was an active fire front. At 1447, plans were made to remove the rappellers from H2. At 1500, fire on both sides of the ridge began to spread rapidly. Both helicopters assigned to the fire were at the helibase for refueling and maintenance (15 minutes from H2) when the rappellers called for an immediate pickup. At 1505, they called again for immediate pickup. At 1509, they called for immediate pickup and reported that they were fine, just taking a lot of smoke. At 1513, they reported fire and smoke below them and again requested an immediate pickup. At 1519, they contacted helibase regarding status of helicopter. Arriving at the fire, the helicopter

was unable to land due to smoke. Both rappellers leave H2 at 1520. At 1524, the Cache Bar drainage was fully involved in fire. The rappellers made a final call for immediate pickup. Both firefighters died soon after.

**History** – The Salmon River Breaks area of the SCNF has a long history of entrapping firefighters, 161 to date. Steep slopes predispose areas to rollout and rapid uphill fire growth, commonly leading to extreme fire behavior and difficult suppression.

- How can information about an area's fire history help your situational awareness?

**Size up** – Crews are informed at the July 22 morning briefing that conditions will be getting progressively warmer and drier than previous days. Temperatures surpass 100°F and set record highs. RH's are 10-15%. Fuels in the Cache Bar drainage are short grass on the south aspects and nearly continuous fields of ceanothus on the north. Live fuel moistures are critically low and the Burn Index (BI) and Energy Release Component (ERC) indicate dangerous conditions.

- Based on the predicted weather and the fire information above, what are your concerns?
- How could you and your crew safely engage a fire in a similar situation?

**L** – The investigation report states that there were no effective lookouts for the rappellers at H2.

- It is not uncommon to assign small squads to isolated tasks such as cutting helispots, clearing large trees to increase the size of the helispot. How would you and your crew maintain situational awareness of the fire and the felling operation at the same time?

**C** – The rappellers were made aware of the low intensity fire in the Cache Bar drainage as soon as they were dropped off but the development of an active fire front in the Cache Bar drainage was observed by the lead plane and air attack 50 minutes before the fire reached H2. It was never communicated to the rappellers.

- What will you and your crew do during any fire assignment to get accurate information about current fire behavior?

**E and S** – There were no effective safety zones for the rappellers at H2, and once H1 below them burned over, the only way out was a helicopter.

- Helicopters have become a common resource on fires, transporting us to and from remote fireline, delivering food, water, and supplies, and medevac. But what would you do if the helicopter could not come? Discuss why depending on helicopters as an escape route is a bad idea.

**Incident Complexities** – On any incident, we may or may not be aware of problems with incident management effectiveness, adequacy of resources, or other big-picture details.

- Discuss how you and your crew will maintain safety without knowing these things



# AIR OPERATIONS SUMMARY (ICS 220)

<b>1. Incident Name:</b> Anderson Hill		<b>2. Operational Period:</b> Date From: 7/22/21 Time From: 0600		<b>3. Sunrise:</b> 0604		<b>Sunset:</b> 2120	
<b>4. Remarks</b> (safety notes, hazards, air operations special equipment, etc.):  Command 4: 170.425 Rx / 168.075 Tx Tone 141.3 (Tx only)		<b>5. Ready Alert Aircraft:</b> Medivac: TBA Through Dispatch New Incident: N/A		<b>6. Temporary Flight Restriction Number:</b> Altitude: 1/1290 10500' Center Point: 46°48'55"N 113°19'23"W			
		<b>8. Frequencies:</b>		<b>9. Fixed-Wing</b> (category/kind/type, make/model, N#, base): Air Tactical Group Supervisor Aircraft:			
		<b>7. Personnel:</b>		AM		FM	
		Name:		Phone Number:			
Air Operations Branch Director		Mark Ingram		760-616-4293			
Air Support Group Supervisor						171.725P 166.825S	
Air Tactical Group Supervisor						See Remarks	
Helicopter Coordinator						163.1000	
Helibase Manager						168.6250	
<b>10. Helicopters</b> (use additional sheets as necessary):							
FAA N#	Category/Kind/Type	Make/Model	Base	Available	Start	Remarks	
N950CH	T1 Limited	Boeing CH-47D	Missoula	0900	0900	NOT ASSIGNED	
N17FH	T1 Limited	Sikorsky UH-60A	Missoula	0900	0900	NOT ASSIGNED	
N118MB	T3 Standard	AS-350B3e	Beavertail Helibase	0900	0800	COMMITTED	
<b>11. Prepared by:</b> Name: Mark Ingram Position/Title: AOB Signature: _____							
Date/Time: 7/21/21 @ 1600							
ICS 220, Page 1							

## AIR OPERATIONS SUMMARY (ICS 220)

<b>1. Incident Name:</b> Anderson Hill	<b>2. Operational Period:</b> Date From: 7/22/21 Time From: 0600  Date To: 7/22/21 Time To: 2200	<b>3. Sunrise:</b> 0604  <b>Sunset:</b> 2120		
<b>12. Task/Mission/Assignment</b> (category/kind/type and function includes: air tactical, reconnaissance, personnel transport, search and rescue, etc.):				
Category/Kind/Type and Function	Name of Personnel or Cargo (if applicable) or Instructions for Tactical Aircraft	Mission Start	Fly From	Fly To

<b>11. Prepared by:</b> Name: _____	Position/Title: _____	Signature: _____
Date/Time: _____		_____

