



# Anderson Hill

Fire Number PNN51B  
Incident Number (MT-SWS-001022)

INCIDENT COMMANDER Erik Newell  
OPERATIONS Matt Croswait  
SAFETY Scott Schuster



Operational Period

Sunday July 25, 2021 0600-2200



FNUS75 KMSO 241515  
FWSMSO

Spot Forecast for Anderson Hill  
National Weather Service Missoula MT  
915 AM MDT Sat Jul 24 2021

Forecast is based on forecast start time of 1000 MDT on July 24.  
If conditions become unrepresentative...contact the National Weather  
Service.

.DISCUSSION...Warm and dry conditions will remain for today and  
Sunday with poor overnight recoveries on the midslope. Winds will  
have a minor increase this afternoon but smoke and high pressure  
will cause stable conditions. The gradient tightens slightly on  
Sunday with gusts to 20 mph in the afternoon.

.REST OF TODAY...

- \* Sky/Weather.....Sunny.
- \* CWR (> 0.10 Inch)...0 percent.
- \* LAL.....1.
- \* Max Temperature.....76-81.
- \* Min Humidity.....10-15 percent.
- \* Wind (20 ft).....Variable 1-3 mph becoming northwest 3-7 mph  
this afternoon.
- \* Mixing Height.....Less than 100 ft agl increasing to 7000 ft  
agl in the afternoon.
- \* Mixing Winds.....West 5 mph.
- \* Haines Index.....4 low.
- \* Precip Amount.....0.00 inches.

.TONIGHT...


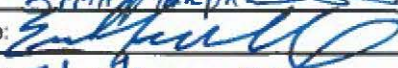
- \* Sky/Weather.....Mostly clear.
- \* CWR (> 0.10 Inch)...0 percent.
- \* LAL.....1.
- \* Min Temperature.....51-56.
- \* Max Humidity.....40-45 percent.
- \* Wind (20 ft).....Variable 1-3 mph.
- \* Mixing Height.....7000 ft agl decreasing to less than 100 ft  
agl after sunset.
- \* Mixing Winds.....West 5 mph.
- \* Precip Amount.....0.00 inches.

.SUNDAY...


- \* Sky/Weather.....Sunny.
- \* CWR (> 0.10 Inch)...0 percent.
- \* LAL.....1.
- \* Max Temperature.....80-85.
- \* Min Humidity.....8-13 percent.
- \* Wind (20 ft).....Variable 4-8 mph becoming west 10-15 mph  
with gusts to around 20 mph in the afternoon.
- \* Mixing Height.....Less than 100 ft agl increasing to 10000 ft  
agl in the afternoon.
- \* Mixing Winds.....West 15 mph.

\* Haines Index.....5 moderate.  
\* Precip Amount.....0.00 inches.

## INCIDENT OBJECTIVES (ICS 202)

<b>1. Incident Name:</b>	<b>2. Operational Period:</b> 0600-2200		
ANDERSON HILL	Date/Time From: 07/25/2021 0600      SUN		Date/Time To: 07/25/2021 2200      SUN
<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 where 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"/>			
Approved Site Safety Plan(s) Located			
<b>6. Incident Action Plan</b> (the items checked below are included in this Incident Action Plan):			
<input checked="" type="checkbox"/> ICS 202	<input type="checkbox"/> ICS 207	Other Attachments:	
<input checked="" type="checkbox"/> ICS 203	<input type="checkbox"/> ICS 208	<input type="checkbox"/>	_____
<input checked="" type="checkbox"/> ICS 204	<input checked="" type="checkbox"/> ICS 220	<input type="checkbox"/>	_____
<input checked="" type="checkbox"/> ICS 205	<input checked="" type="checkbox"/> Map/Chart	<input type="checkbox"/>	_____
<input type="checkbox"/> ICS 205A	<input checked="" type="checkbox"/> Weather Forecast/Tides/Currents	<input type="checkbox"/>	_____
<input checked="" type="checkbox"/> ICS 206		<input type="checkbox"/>	_____
<b>7. Prepared by:</b> BRIAN LAMPHEAR	<b>Position/Title:</b> PSC3	<b>Signature:</b> 	
<b>8. Approved by Incident Commander:</b>		<b>Signature:</b> 	
ICS 202      IAP Page		<b>Date/Time:</b> 7/24/2021 1740	

## ORGANIZATION ASSIGNMENT LIST (ICS 203)

<b>1. Incident Name:</b>		<b>2. Operational Period:</b> 0600-2200	
ANDERSON HILL		Date/Time From: 07/25/2021 0600      SUN	Date/Time To: 07/25/2021 2200      SUN
<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>			
Agency/Organization	Name		
<b>5. Planning Section:</b>			
CHIEF	BRIAN LAMPHEAR		
DEPUTY	TERRI MATTHEWS (T)		
SITUATION UNIT	OWENS, RAEHEL 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	PINA III, SCOTTIE	
DIVISION/GROUP	R	JACOB KEOGH	
DIVISION/GROUP	Z	RYAN ELLIOTT	
<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 LAUCLIN		
<b>9. Prepared By:</b>			
Name:	BRIAN LAMPHEAR	Position/Title:	PSC3
Signature:			
ICS 203			

DRAFT

**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>Date/Time From:</b> 07/25/2021 0600	SUN	<b>Date/Time To:</b> 07/25/2021 2200	SUN

**A**

<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
(C-4) PHOENIX CREW - AZ-AZS	07/30	CLINT KELLY	18		
(C-9) ROCKY MOUNTAIN FIRE COMPANY - CREW T2IA #1	08/02		20		
(O-6) FALLER MODULE - TIMBER TRAIL AND SPUR CONTRACTORS L.L.	07/30	R, CHITWOOD	2		

**6. Control Operations/Work Assignments:**

---

**7. Special Instructions:**

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>
BRIAN LAMMPHIEAR	BRIAN LAMPHIEAR	07/24/2021	1513

**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					O	
Date/Time From: 07/25/2021 0600      SUN		Date/Time To: 07/25/2021 2200      SUN				
<b>4. Operations Personnel</b>						
<b>OPERATIONS CHIEF</b> MATT CROSWAIT		<b>DIVISION/GROUP SUPERVISOR</b> PINA III, SCOTTIE				
<b>AIR ATTACK SUPERVISOR</b>						
<b>5. Resources Assigned this Period</b>						
<b>Strike Team / Task Force / Resource Designator</b>		<b>LWD</b>	<b>Leader</b>	<b>Number Persons</b>	<b>Drop Off PT./Time</b>	<b>Pick Up PT./Time</b>
(C-11) PIMA T2IA CREW #1			JUSTIN WEBO	18		
(E-14) ENGINE - T3 - CAHOON CONSTRUCTION AND FIRE - 1FDNF60J1		08/01	RUSS GODDARD	3		
(E-12) ENGINE - T6 - HART VENTURES, INC. - 1FD0X4HY3GEA93053		07/31	SCOTT BLACKCROW	3		
(E-13) ENGINE - T6 - CAHOON, BRIAN - 1FTWX31Y05EA38396		08/01	BRIAN CAHOON	3		
(E-15) ENGINE - T6 - CAHOON CONSTRUCTION AND FIRE - 1FDAW57R2			BUTCH TAYLOR	3		
(E-18) ENGINE - T6 - FIRE TRAX LLC - 1FD0W5HT3HEF22898		08/03	DAN WOOD	3		
<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>						
<b>Function</b>	<b>Channel</b>	<b>RX Frequency N/W</b>	<b>RX Tone/NAC</b>	<b>TX Frequency N/W</b>	<b>TX Tone/NAC</b>	<b>Mode</b>
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>
BRIAN LAMPHEAR			BRIAN LAMPHEAR		07/24/2021	1513



**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: 07/25/2021 0600	SUN	Date/Time To: 07/25/2021 2200	SUN			
<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>						
<b>Strike Team / Task Force / Resource Designator</b>		<b>LWD</b>	<b>Leader</b>	<b>Number Persons</b>	<b>Drop Off PT./Time</b>	<b>Pick Up PT./Time</b>
(E-2) DOZER - T3 - 9MILE CONTRACTING LLC - 4JN00370			BILL KREIS	2		
(E-4) MISC - SKIDGINE, T2 - PITMAN RESOURCES LLC - DW648DS52			CODY HUETT			
(E-6) WATER TENDER - SUPPORT - T2 - GREENOUGH-POTOMAC VFD - TFLD(T)		07/30	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>						
<b>Function</b>	<b>Channel</b>	<b>RX Frequency N/W</b>	<b>RX Tone/NAC</b>	<b>TX Frequency N/W</b>	<b>TX Tone/NAC</b>	<b>Mode</b>
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>
BRIAN LAMPHEAR			BRIAN LAMPHEAR		07/24/2021	1513

**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>Date/Time From:</b> 07/25/2021 0600 SUN	<b>Date/Time To:</b> 07/25/2021 2200 SUN	<b>Z</b>	

4. Operations Personnel			
<b>OPERATIONS CHIEF</b>	MATT CROSWAIT	<b>DIVISION/GROUP SUPERVISOR</b>	RYAN ELLIOTT
<b>AIR ATTACK SUPERVISOR</b>			

5. Resources Assigned this Period					
Strike Team / Task Force / Resource Designator	LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time
(C-16) DEERLODGE CREW	08/04		20		
(E-5) MISC - SKIDGINE, T1 - J & E CONTRACTING, LLC - 94U1786	07/31	ED JUNGERS	2		
(E-16) ENGINE - T3 - CAHOON, BRIAN - 1FD0W5HT0DEA97683	08/02	TREVOR SCOTT	3		
(E-17) ENGINE - T3 - HART VENTURES, INC. - 1HTMMAAL07H414253	08/02				
(E-20) ENGINE - T6X - AZ-FRY - LIC# G-874FH - BR-365 (4X4) (A)	08/01		3		
(E-23) ENGINE - T6X - AZ-WAL - LIC # G-650DV (4X4) (AZ-ADC)	08/03		3		
(E-32) TENDER, WATER (SUPPORT) - T3 - HIGH SIERRA ENTERPRISE	08/02				

**6. Control Operations/Work Assignments:**  
 Improve line from A-Z break towards R. Patrol and grid for spot fires.

**7. Special Instructions:**  
 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.

8. Division/Group Communication Summary						
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> BRIAN LAMPHEAR	<b>Approved By (Planning Section Chief)</b> BRIAN LAMPHEAR	<b>Date</b> 07/24/2021	<b>Time</b> 1513
--	---	---------------------------	---------------------

**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			
Date/Time From: 07/25/2021 0600	SUN	Date/Time To: 07/25/2021 2200	SUN

**STAGING**

<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		

**6. Control Operations/Work Assignments:**  
 Continue dust abatement activities.  
 Support other Divisions as needed.  
 \*\*Resources will be assigned to specific Divisions at morning briefing.

**7. Special Instructions:**  
 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 NW	RX Tone/NAC	TX Frequency NW	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>
BRIAN LAMPHEAR	BRIAN LAMPHEAR	07/24/2021	1513

# INCIDENT RADIO COMMUNICATIONS PLAN (ICS 205)


Controlled Unclassified Information//Basic

<b>1. Incident Name:</b>	<b>2. Date/Time Prepared:</b>	<b>3. Operational Period:</b> 0600-2200	
ANDERSON HILL	Date: 07/24/2021 Time: 1513	Date/Time From: 07/25/2021 0600      SUN	Date/Time To: 07/25/2021 2200      SUN

**4. Basic Radio Channel Use:**

Zone Group	Ch #	Function	Channel Name/Trunked Radio System Talkgroup	Assignment	RX Freq	RX Tone/NAC	TX Freq	TX Tone/NAC	Mode (A,D, or M)	Remarks
	1	COMMAND	UNION CMD		151.1750		151.4750	141.30		
	2	COMMAND	ELEVATION CMD		169.6750		162.1625			DIGITAL FREQ. NAC \$455
	3	COMMAND	BELMONT CMD		169.6750		162.1625			DIGITAL FREQ. NAC \$526
	4	COMMAND	COMMAND 4		170.425	141.3	168.075	141.3		DIGITAL FREQ. NAC \$68F
	5	COMMAND	GRANITE		171.1375		164.1500			DIGITAL FREQ. NAC \$68F
	6	COMMAND	SENTINEL		169.6750		162.1625			DIGITAL FREQ. NAC \$4CE
	7	TACTICAL	TAC 1		168.0500		168.0500			DIV. A
	8	TACTICAL	TAC 2		168.2000		168.2000			DIV. O
	9	TACTICAL	TAC 3		168.6000		168.6000			DIV. R
	10	TACTICAL	TAC 4		166.7250		166.7250			DIV. Z
	12	AIR TO GROUND	A/G PRIMARY		171.7250		171.7250			
	13	AIR TO GROUND	A/G SECONDARY		166.8250		166.8250			
	15	COMMAND	VMED		155.3400		155.3400	156.70		
	16	AIR GUARD	AIR GUARD		168.6250		168.6250			

**5. Special Instructions:**

<b>6. Prepared By</b>	(Communications Unit Leader)	Name: BRIAN LAMPHEAR	Signature: 
ICS 205	IAP Page	Date/Time: 07/24/2021 1513	

## MEDICAL PLAN (ICS 206 WF)

1. Incident/Project Name			2. Operational Period					
Anderson Hill Fire			Date/Time 07/24/2021					
<b>Ambulance Services</b>								
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			
Clinton Fire Dept Bill Tucker	12300 US Highway 10 East Clinton, Montana 59825 (406)240-6187		BLS Treatment and Transport.		X			
<b>Air Ambulance Services</b>								
Name	Phone/Freq	Type of Aircraft & Capability						
Life Flight Network		ALS Helicopter with 1 patient capacity						
<b>Hospitals</b>								
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
Community Medical Center	2827 Fort Missoula Rd Missoula, MT 59804	Lat: 46°50.910 Long: -114° 2.866		24 mins		(406) 728-4100 Helipad (406) 327-4171 x1	X	Level 3 trauma
Providence St Patrick Hospital	500 W. Broadway Missoula, MT	Lat: 46° 52.551' Long: -113° 59.966'		36 mins	12 mins	(406) 543-7271 Helipad (406) 329-2620	X	Level 2 trauma, Cardiac, Stroke
Harborview Burn Center	325 9 <sup>th</sup> Ave. Seattle, WA 98104	Lat: 47° 36.188" Long: -122° 19.50'		8hrs - 14 mins	77 min	(206)744-5735	X	Level I Trauma &, Burn Center
		Lat: Long:						
<b>Div. / Branch/ Group / Other</b>		<b>Area Location Capability</b>		<b>EMS Equipment</b>				
Summit Medic: Andy DIV R and Z		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				
Alpha Medic : Trenton DIV A and O		ALS/ BLS		ALS kit, AED, Medical supplies				
<b>Medical Special Instructions</b>								
Two Bear Air Rescue		Flathead county dispatch center		hoist capabilities				
<b>Prepared By (Medical Unit Leader)</b>			<b>Date/Time</b>		<b>Reviewed By (Safety Officer)</b>			<b>Date/Time</b>
Andrew Isenberg MEDL								





## Dutch Creek Incident (California) – July 25, 2008

---



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?

### Incident Summary:

Andy Palmer graduated from high school on June 12, 2008. He completed Basic Firefighter training on June 24 and S-212, Wildland Fire Chainsaws on June 28. The next day, he was hired as a seasonal firefighter on an engine crew at Olympic National Park. He completed his A Faller task book on July 4.

On July 22, the engine received a resource order for the Iron Complex in California. The supervision at the park was motivated to see the engine crew obtain an assignment and called them in on their day off. The crew suffered a series of complications en route to the fire, including mechanical problems

with the engine that lead to the eventual separation of the crew and engine captain after arriving at the incident. The crew members were encouraged to pursue a line assignment as a falling team. The Incident Management Team (IMT) personnel assign the crew as a falling module. During that assignment, the crew cuts a tree that is outside their falling qualifications. A class C ponderosa pine is cut, falling downslope into a fire-damaged sugar pine. A portion of the sugar pine breaks off and falls upslope, hitting Andy Palmer, resulting in multiple severe injuries and the loss of a firefighters' life. It was Andy's first fire assignment.

**Zero Hour.** July 25, a radio transmission came in to Iron Complex dispatch: **"Man down, man down. We need help. Medical emergency. Dozer pad. Broken leg. Bleeding. Drop Point 72 and dozer line. Call 911, we need help."**

The local Sheriff's office received a call from incident command and began inquiring about a helicopter. Two air medical services declined the mission due to poor visibility from smoke, California Highway Patrol's helicopter was not available and the US Coast Guard (USCG) had not yet been contacted.

Other firefighters arrived on scene. Nomex® shirts are used as pressure bandages on shoulder and leg injuries. The injured firefighter was reported as having severe bleeding and as conscious. The severity of the injuries and the sense of urgency were *not* communicated to paramedics dispatched in an ambulance to the incident.

As the medics arrived on scene, they realized the injuries were much more serious than they had been told and decided to facilitate a rapid evacuation via carryout.

**55 minutes since the accident.** The patient was prepared to move, and the decision was made to go to the ambulance rather than wait for the helicopter. The ambulance was approximately 2,000 feet down the dozer line.

**1 hour and 25 minutes since the accident.** A third paramedic arrived on scene and the decision was made to wait for the helicopter. Firefighters started clearing a zone for hoist extraction.

**1 hour and 50 minutes since the accident.** Multiple delays of the USCG helicopter are caused by poor communication of patient status, potential use of a Forest Service helicopter assigned to the fire, and method of extraction. Once the USCG is en route, communication about the new extraction location, radio frequencies, and patient status was an issue and slowed the extrication efforts. While being transferred to the hoist basket, personnel on



the ground report profuse bleeding. No patient care can be given during hoist.

**2 hours and 47 minutes since the accident.** During the flight, cardiac arrest treatment protocol was initiated, and the helicopter landed at Redding Municipal Airport with CPR in progress.

**3 hours and 26 minutes since the accident.** An ER physician pronounced time of death, via radio. The coroner later determined that Andy Palmer's death was caused by excessive blood loss.

## Discussion Points:

- Identify and discuss a variety of options for medical evacuation (ATV, wheeled litter, etc.), anticipating that a helicopter will not be available.
- If the crewmember sitting beside you were to be seriously injured on the fireline, what would you and your crew do? How thorough is your unit or IMT's incident emergency medical plan? Consider doing a scenario medical evacuation from start to finish. Utilize the Medical Incident Report (red section) in your [Incident Response Pocket Guide \(IRPG\), PMS 461](#), to effectively communicate emergency information. Conduct an AAR.
- Read Planning for Medical Emergencies under Operational Engagement (green section) in your [IRPG](#).

## We Will Never Forget You: Remembering Andy Palmer

4

=

=

=

=

=

=

=

=

=

=

## AIR OPERATIONS SUMMARY (ICS 220)

<b>1. Incident Name:</b> Anderson Hill		<b>2. Operational Period:</b> Date From: 7/25/21      Date To: 7/25/21 Time From: 0600      Time To: 2200			<b>3. Sunrise:</b> <b>Sunset:</b> 0605      2113		
<b>4. Remarks (safety notes, hazards, air operations special equipment, etc.):</b>  Command: 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>	AM	FM	<b>9. Fixed-Wing (category/kind/type, make/model, N#, base):</b>	
			Air/Air Fixed-Wing	118.0750 (TFR)		Air Tactical Group Supervisor Aircraft:	
<b>7. Personnel:</b>	Name:	Phone Number:	Air/Air Rotary-Wing – Flight Following	128.000			
Air Operations Branch Director	Mark Ingram	760-616-4293	Air/Ground		171.725P 166.825S		
Air Support Group Supervisor			Command		See Remarks	Other Fixed-Wing Aircraft:	
Air Tactical Group Supervisor			Deck Coordinator		163.1000		
Helicopter Coordinator			Take-Off & Landing Coordinator				
Helibase Manager			Air Guard		168.6250		
<b>10. Helicopters (use additional sheets as necessary):</b>							
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-350B3	Bearmouth Helibase	0900	0800	COMMITTED	
<b>11. Prepared by:</b> Name: <u>Mark Ingram</u> Position/Title: <u>AOBD</u> Signature: <u>Max Snydman</u>							
ICS 220, Page 1			Date/Time: <u>7/22/21 @ 1600</u>				



