

Anderson Hill

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

INCIDENT COMMANDER <u>Erik Newell</u> OPERATIONS <u>Matt Croswait</u> SAFETY <u>Scott Schuster</u>



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.
- * 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.
- * 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.
- * 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)

	DENT OBJECTIV	100011111111111111111111111111111111111	*******	
1. Incident Name:	2. Operational Period:	0600-2200		
ANDERSON HILL	Date/Time From: 07/25/2021 0600	SUN	Date/Time To: 07/25/2021 2200	SUN
3. Objective(s):			3446.0	
Firefighter and public safety are priority over all of All operational strategies and tactics should contine highest probability of success combined with Manage risk to responders by ensuring hazards value threatened warrant it and/or the probability. Take necessary precautions to protect nearby provided in the probability with responsible protection and jurisdictional age. Protect cultural values, namely the Garnet Ghos.	sider associated risk to the least safety risk. are identified, assess of achieving objective rivate lands and structure.	o firefighter/ public ed and where poss es is high. tures and minimize	safety and utilize the opsible mitigated. Accept returned the threat to public safety in	esidual risk whe
Protect natural values including the Elk Creek ar	nd Deep Creek waters	heds, and Threate	ned and Endangered sp	oecies habitat
(grizzly bear, Canada lynx, bull trout, Howell's G Keep the fire south of Centennial road, east of G	and Controlled Control	orth of Deep Gulch	road, and west of Reyn	old's City.
4. Operational Period Command Emphasis:				
Ensure open communication with local agencies information. Minimize impacts from suppression Minimize or mitigate threats to known cultural reareas when safe to do so.	activities on cultural r	esource sites.		
31345 Wildi 5415 to 45 55.				
General Situational Awareness:				
Suppression and support resource availability is areas. Support resource availability may prevent	severely constrained suppression actions	due to multiple ma from successful co	jor incidents in multiple mpletion.	geographic
Grizzly bears and black bears are present in the Absolutely no food can be allowed in tents. Main	area. All food and att tain clean camps, sta	ractants must be si ging areas, and oth	tored in buildings or veh ner frequented parts of t	icles. he fire.
5. Site Safety Plan Required? Yes No X		* *		
Approved Site Safety Plan(s) Located				
(the items checked ICS 202	 	ttachments:		
7. Prepared by: BRIAN LAMPHIEAR Position	/Title: PSC3	Isia	nature: 2	
8. Approved by Incident Commander: Name:	ERIK NEWEL		nature:	177
ICS 202 IAP Pa			te/Time: 7 /2 4 /2021	1746
			111711646	1 7 16 7

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ORGANIZATION ASSIGNMENT LIST (ICS 203)

1. Incident Name:		2. Operational Period:	0600-2200		
ANDERSON HILL		Date/Time From: 07/25/2021 0600	SUN	Date/Time To: 07/25/2021 2200	SUN
3. Incident Commande	r(s) and Command Staf	f:			
IC/UC	ERIK NEWELL				
DEPUTY	KELLY HARPER		\neg		
SAFETY OFFICER	SCOTT, SCHUST	ER	_		
4. Agency/Organization	Representatives:				
Agency/Organization	Name				
5. Planning Section:					
CHIEF	BRIAN LAMPHIE	AR			
DEPUTY	TERRI MATTHEW	/S (T)			
SITUATION UNIT	OWENS, RAECHE	LF(T)			
6. Logistics Section:					
	SCOTTY MASON				
DEPUTY	KELSEY WHITE (Γ)			
GROUND SUPPORT UNIT		10.61			
MEDICAL UNIT	ISENBERG, ANDF MCDONAGH, PEN				
7. Operations Section:					
OPS SECTION CHIEF	MATT CROSSWA	IT			
DIVISION/GROUP	72002	B CLAY			
DIVISION/GROUP		NA III, SCOTTIE			
DIVISION/GROUP	0,	ACOB KEOGH			
DIVISION/GROUP	z R	YAN ELLIOTT			
7b. Air Operations Bran					
AIR OPS BRANCH DIRECTOR AIR ATTACK	MARK INGRAM				
SUPERVISOR AIR SUPPORT			_		
SUPERVISOR HELICOPTER					
COORDINATOR AIR TANKER					
COORDINATOR			İ		
8. Finance/Administrati	on Section:				
CHIEF	CONNIE LANG				
TIME UNIT	TAMRA MARTINE	Z			
TIME UNIT	MARK DURHAM (T)			
	THOMAS LAUCHL	**	7		
			_		

9. Prepared By:	Name: BRIAN LAMPHIEAR	Position/Title: PSC3	Signature:
ICS 203	IAP Page	Date/Time: 07/24/2021 1513	BriAN Anghe

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

1. Incident Name:				3.					
ANDERSON HILL			*	Bra	inch:		Division/Group)	*
2. Operational Period:	0600-2200								
Date/Time From: 07/25/2021 0600 SU	N C	Date/Time To		N			A		
4.				222					
OPERATIONS CHIE	FIMATT CROSWA	AIT	Operations P	THE PARTY OF THE P	OUP SUPERV	ISORL	IB CLAY	-0.52	-64
			137						
AIR ATTACK SUPERVISOR	2			-					
5.		Reso	urces Assigne	d this Period			***	_ (
Strike Team / Task F Resource Designa		LWD	L	eader	Number Persons	Drop	Off PT./Time	Pick	Up PT./Time
(C-4) PHOENIX CREW - AZ-AZS		07/30	CLINT KELL	Y	18				
(C-9) ROCKY MOUNTAIN FIRE (T2IA #1	C-9) ROCKY MOUNTAIN FIRE COMPANY - CREW 08/02								
(O-6) FALLER MODULE - TIMBE SPUR CONTRACTORS L.L.	R TRAIL AND)D	2						
				30M 0 T					
									College College
7. Special Instructions: Grizzly bear and black bear no food can be allowed in	irs are present tents. Maintain	in the area. clean camp	All foo and a	attractants reas, and o	must be sto ther frequer	red in nted pa	buildings or ve arts of the fire.	hicles.	Absolutely
		Septil Two or							
8.		750-	/Group Comm			2020-2000-			
Function		RX Frequency	<u> </u>	X Tone/NAC	TX Frequen		TX Tone/NAC	\bot	Mode
TACTICAL	7	168.0500			168.05				
AIR TO GROUND	12	171.7250	2		171.72				-
D	Prepared By (Resource Unit Leader) Approved By (Plannin						ate	Time	1
BRIAN LAMMPHIEAR			AN LAMPHIEA	0207	-115. 1	07	7/24/2021	1513	
ICS 204 WF (1/14)		Controlled	Unclassified	ntormatio	n//Basic				Page 1 of 1

FINAL

	ואום	Controlled 1	Unclassifi	irrierit ied Infoi	mation//	Basic	vvr)		
1. Incident Name:					3.		10.00		
ANDERSON HILL					Branc	h:		Division/Grou	Р
2. Operational Period:	0600-2200								
Date/Time From: 07/25/2021 0600	SUN	Date/Time To: 07/25/2021 2200) s	SUN	ž.			0	
4.		C	perations	Personn	el	240			
OPERATIONS CH	IEF MATT CROS	WAIT	-	DIVISIO	ON/GROU	P SUPERV	SOR	PINA III, SCOTTIE	
AIR ATTACK SUPERVIS	OR	9700 T							
5.		8	4		5 1 1				
Strike Team / Task	r Force /	Kesoui	rces Assig	nea this	Period	Number			
Resource Desig		LWD		Leader		Persons	Drop	Off PT./Time	Pick Up PT./Time
-11) PIMA T2IA CREW #1 JUSTIN WE				EBO	0.0	18			
(E-14) ENGINE - T3 - CAHOON AND FIRE - 1FDNF60J1	DDARD		3						
(E-12) ENGINE - T6 - HART VE 1FD0X4HY3GEA93053	at martine mate	07/31	SCOTT BL	ACKCRO	W	3			
(E-13) ENGINE - T6 - CAHOON 1FTWX31Y05EA38396	7.53	Characteristics	BRIAN CA	DARANDAS	N	3	460		
(E-15) ENGINE - T6 - CAHOON AND FIRE - 1FDAW57R2	CONSTRUCTION	1	BUTCH TA	YLOR		3			
(E-18) ENGINE - T6 - FIRE TR 1FD0W5HT3HEF22898		08/03	DAN WOO	D		3			***
6. Control Operations/Work A			3253.35				77 380		11.00
Secure and mop up arou	ind Dandy Mine	e cabins.							
Continue direct line towa	rds Division A.								
Locate and evaluate con	tingency lines.								
7. Special Instructions:	**************************************			***					
Grizzly bears and black to Absolutely no food can be									
8.		Division/0	Group Con	nmunicat	ion Suma	nary			
Function	Channel	RX Frequency I	N/W	RX Tone	/NAC	TX Frequen	cy N/W	TX Tone/NAC	Mode Mode
TACTICAL	8	168.2000				168.200	00	SULFINE CHIENNAMES	
AIR TO GROUND	12	171.7250				171.72	50		
9. Prepared By (Resource Uni	t Leader)	Approv	ed By (Plai	nning Se	ction Chie	ef)	D	ate	Time

BRIAN LAMPHIEAR

BRIAN LAMPHIEAR

1513

07/24/2021

Division/Group Assignment List (ICS 204 WF) Controlled Unclassified Information//Basic 3.

1. Incident Name:					3.				-
ANDERSON HILL			8		Brane	ch:	T	Division/Grou	P
2. Operational Period:	0600-2200						ĺ		
Date/Time From: 07/25/2021 0600 SUN		ate/Time To /25/2021 22	-0.00	UN				R	
4.		-	Operations	Personn	el				
OPERATIONS CHIEF	MATT CROSWAIT	Γ		DIVISIO	ON/GROU	JP SUPERV	ISOR JA	ACOB KEOGH	
AIR ATTACK SUPERVISOR				1		<u> </u>			
5.		Resc	urces Assign	ned this	Period		4.	*	
Strike Team / Task Fo Resource Designat		LWD		Leader		Number Persons	Drop	Off PT./Time	Pick Up PT./Time
(E-2) DOZER - T3 - 9MILE CONTR 4JN00370	ACTING LLC -	430	BILL KREIS	5	3.43	2			
(E-4) MISC - SKIDGINE, T2 - PITM LLC - DW648DS52	AN RESOURCES		CODY HUE	Π					
(E-6) WATER TENDER - SUPPOR GREENOUGH-POTOMAC VFD -	T - T2 -	07/30				1			-
TFLD(T)			CY HANSE	N	77-1	1			
HEQB	2222	PICKLES			1				
HEQB (T)		JOHN ELSI	EN		1		10		
			1	2000	·			787	
								W 10.000	
	******			***					*
8830 I 1888	- ; - ; - ; - ; - ; - ; - ; - ; - ; - ;								72.1
6. Control Operations/Work Assi	gnments:	<u>, </u>						202	- USA
Scout Big Creek for conting	ency line placer	nent							
7. Special Instructions:									
Grizzly bears and black bea Absolutely no food can be a	irs are present i illowed in tents.	n the area Maintain	a. All food a clean camp	and attr	actants ling are	must be s as, and ot	tored in	n buildings or quented parts	vehicles. of the fire.
8.		Division	n/Group Com	municat	ion Sum	mary			
Function	Channel R	X Frequenc		RX Tone	— т	TX Frequen	cy N/W	TX Tone/NAC	Mode
TACTICAL	9	168.600				168.60			
AIR TO GROUND	12	171.725	0			171.72	50		
9. Prepared By (Resource Unit Le	eader)	Appro	oved By (Plan	nning Se	ction Chi	ief)	Da	te	Time
BRIAN LAMPHIEAR			AN LAMPHIE	700-787			07/	/24/2021	1513
ICS 204 WF (1/14)	,	Controlled	Unclassific		mation/	/Basic			Page 1 of 1

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

1. Incident Name:				3.				
ANDERSON HILL	· · · · · · · · · · · · · · · · · · ·	W	***	Brai	nch:		Division/Grou	p
2. Operational Period:	0600-2200	3.50						
Date/Time From:		Date/Time To	y.				Z	
CARREST CARROL AND CONTROL OF STREET AND	NU	07/25/2021 22	2.767.0					
4.			Operations Pen	onnel				
OPERATIONS CHIE	F MATT CROSW	AIT	DI	VISION/GRO	OUP SUPER	/ISOR R	YAN ELLIOTT	
AIR ATTACK SUPERVISO	OR I			2018 10 20 20 E				
5.		Reso	urces Assigned	this Period				750 750
Strike Team / Task Resource Design		1.14(5)			Number			
(C-16) DEERLODGE CREW		08/04	Lea	der	Persons	Duob	Off PT./Time	Pick Up PT./Tin
					20			
(E-5) MISC - SKIDGINE, T1 - J 8 LLC - 94U1786		6, 07/31	ED JUNGERS		2			
(E-16) ENGINE - T3 - CAHOON, 1FD0W5HT0DEA97683	BRIAN -	08/02	TREVOR SCO	Т	3		* *	
(E-17) ENGINE - T3 - HART VEN 1HTMMAAL07H414253	NTURES, INC	08/02						
(E-20) ENGINE - T6X - AZ-FRY -	- LIC# G-874FH -	08/01			3			\$400 S
BR-365 (4X4) (A) (E-23) ENGINE - T6X - AZ-WAL	- LIC # G-650DV	08/03			3			
(4X4) (AZ-ADC) (E-32) TENDER, WATER (SUPP	PORT) - T3 - HIGH	08/02						*
SIERRA ENTERPRISE				31.0				
	- in this - w							
								3700
6. Control Operations/Work As	- C C C C C C C C C C C C C C C C C C C							
Improve line from A-Z brea	ak towards R. P	atrol and g	rid for spot fire	S.				
7. Special Instructions:								
SERVICE OF THE CONTROL OF THE CONTRO	oom ore presen	t in the area	All food and	-4414		. i i . i	- I 71.0	
Grizzly bears and black be Absolutely no food can be	allowed in tent	s. Maintain	clean camps,	auraciants staging are	s must be s eas, and of	torea II her fre	n buildings or quented parts	venicies. of the fire.
*			9 0 .*				1	
8.	-	Division	//Group Commur	ication Sur	none.		- 15 April 1997	
Function	Channel	RX Frequency		Tone/NAC	TX Frequen	CV NAV	TX Tone/NAC	Mode
TACTICAL	10	166.7250			166.72		12 TORONANO	Mode
AIR TO GROUND	12	171.7250	A) (A)		171.72	(5)(50)		
9. Prepared By (Resource Unit			ved By (Planning	Section Ch	500 3000 =	Da	te	Time
BRIAN LAMPHIIEAR		57	07/	24/2021	1513			
ICS 204 WF (1/14)	7	Controlled	Unclassified I	nformation	//Basic		945 - 1957 195	Page 1 of

	Division/Grou Controlled	p Assigi	nment	List (I	CS 204	WF)		
1. Incident Name:	- John Jane	d Onolassii	ied milet	3.	Desic	*		
ANDERSON HILL				Branch	1:		Division/Grou	Р
2. Operational Period: 0600-	2200							
Date/Time From:	Date/Time To):					STAGIN	G
07/25/2021 0600 SUN	07/25/2021 22	00 S	SUN					
4.		Operations	Personne	1				
OPERATIONS CHIEF MATT	CROSWAIT		DIVISIO	N/GROU	SUPERV	ISOR		9 2
AIR ATTACK SUPERVISOR	7.7						NA C	
5.	Reso	urces Assig	ned this P	eriod				
Strike Team / Task Force /					Number		<u></u>	
Resource Designator	LWD		Leader		Persons	Dro	p Off PT./Time	Pick Up PT./Time
WATER TENDER		D. WESSE	LIUS		1			- 100
								0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
6. Control Operations/Work Assignments	s:	1						
Continue dust abatement activities	S.							
	2							
Support other Divisions as needed	d.							
**Resources will be assigned to sp	pecific Divisions at	morning br	riefing.					
7. Special Instructions:	- 							
Grizzly bears and black bears are	present in the area	a. All food a	and attra	ctants n	nust be s	tored	in buildings or	vehicles.
Absolutely no food can be allowed	in tents, Maintain	clean cam	ps, stagii	ng area	s, and ot	ner tr	equented parts	of the fire.
8.	Division	/Group Com	municatio	n Summ	arv		· · · · · ·	
Function Channe	Na Washington		RX Tone/N		X Frequenc	cy N/W	TX Tone/NAC	Mode
COMMAND					- 4			
TACTICAL	- 100 P		-			****	<u> </u>	
LOGISTICS								
AIR TO GROUND			- -					-
9. Prepared By (Resource Unit Leader)	Appro	ved By (Plar	ning Sect	ion Chief	n)	D	ate	Time

BRIAN LAMPHIEAR
ICS 204 WF (1/14)

BRIAN LAMPHIEAR

1513

07/24/2021

INCIDENT RADIO COMMUNICATIONS PLAN (ICS 205)

1. Incident	Name:		2	2. Date/T	. Date/Time Prepared: 3. Operational Period						
ANDERS	SON HI	LL	×	Date: Time:	200. 25 2500 C 200. C 2			Date/Time From 07/25/2021 0600			ate/Time To: /25/2021 2200 SUN
4. Basic Ra	adio Cha	nnel Use:					, a. a. ,				
Zone Group	Ch #	Function	Channel Name/Trunked Ro System Talkgro	2022020	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	1	162.1625			DIGITAL FREQ. NAC \$526
	4	COMMAND	COMMAND 4			170.425	141.3	168.075	141.3		DIGITAL FREQ. NAC \$68F
1964	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	\neg	47	166.7250		166.7250			DIV. Z
	12	AIR TO GROUND	A/G PRIMARY	\neg		171.7250		171.7250	1		
	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 I	nstructio	ons:		-			<u> </u>				
			***		****				- 100 S	1	
6. Prepared	i By	(Communical	ions Unit Leader)	N	lame: BRIAN LAMF	PHIEAR			Signature:	AN A	
ICS 205					AP Page			Date/Time: 07/24/2021 1513			

MEDICAL PLAN (ICS 206 WF)

1. Incident/Project Name		2. Operational Period									
Anderson Hill Fire			***			Dale/Time	07/24/2021			20- 12-	
Ambulance Services	PR P			ala"							
Name		Comp	olete Addre	SS			Phone/Frequency		Advance Yes	ed Life Suppo	rt (ALS)
Drummond Volunteer Ambulance			ast Front 9 239-9690	St , Drummond MT !	59832				х		
Greeno-Potomac Volunteer Fire Dep Chief Ryan Hall	ot.	Green	2 MT State rough, MT)544-3034	Highway 200 59823	No transpo	sport specify: Auto Extrication, medical assist, LZ assist					X
Clinton Fire Dept Bill Tucker	12300 US Highway 10 East Clinton, Montana 59825 [406]240-5187					BLS Treatment and Transport.					x
Air Ambulance Services											
Name			Phone/F	req.		Type of Airc	raft & Capability		-57		
Life Flight Network	Life Flight Network						ter with 1 patient capac	ity			
Hospitals			I. Vand								
	GPS D	atum -	WGS 84		1			T -	<u> </u>		300-1
	Coordin	ate Si	andard		Note: Tr	avel add app	oximately 1 hr from				
	Degree	s Deci	imal Minute	S	fireline		, , , , , , , , , , , , , , , , , , , ,			Level	
Name	01/1/27211110002.0		vi' N - Lat		Travel 1	ime Air		Helipad		of Care	
Complete Address	DD* MI	A.MMA	VI" W - Lor	19		Land	Phone/Freq	Yes No		Facility	
											-93
Community Medical Center	Lat:		46°50.910				(406) 728-4100	Х		Level 3 trau	ma
2827 Fort Missoula Rd	Long:		-114° 2.86	6	24 mins		Helipad				
Missoula, MT 59804							(406) 327-4171 x1				
Providence St Patrick Hospital	Lat:		46* 52,55	<u>'</u>			(406) 543-7271	X		Level 2 trau	ma, Cardiac,
500 W. Broadway	Long:		-113" 59.9	86'	36 mins	12 mins	Helipad	1 1		Stroke	
Missoula, MT		_	_				(406) 329-2620				
Harborview Burn Center	Lat:		47" 36.188		8hrs -	77 min	(206)744-5735	X	85	Level I Trau	ma &, Burn Center
325 9th Ave. Seattle, WA 98104	Long:	ĺ	-122° 19.5	0.	14 mins						
	Lat:	+									
	Long:	+			-						
Div. / Branch/ Group / Other	Eurig.	Arra	t andles	Deschille.							
Div.) Diancia Group / Care			a Location	Cabacinty	EMS Equip	ment					
Summit Medic: Andy DIV R and 2	Z		S/BLS		ž	Andrey	LS , AED, Transverse R v Isenberg MEDL: (775)772-10 5 9	17/1/01		
Base Camp Beavertall Hill		AL	.S/BLS			Basic fi Penelo	re camp medical supp pe McDonagh MEDL (T	lles, ALS Er } (267)410-	nergency 7558	Kit, AED.	
Alpha Medic : Trenton DIV A and O ALS/ BLS					ALS kit,	AED, Medical supplies					
Medical Special Instructions											
Two Bear Air Rescue Flathead county dispatch center						hoist capat	ulities		1999		
Prepared By (Medical Linit Leader)		, iali	read Coun	Date/Time		•	By (Safety Officer)			Data	/Time
Andrew Isenberg MEDI.											

INCIDENT ACTION PLAN SAFETY ANALYSIS (ICS 215A)

1. Incident Name: Anderson Hill		2. Incident N51B	Number:
3. Date/Time Prepared:	4 Operational	Period: Do	te From: 07/25/2021 Date To: 0600
Date: July 24, 2021 Time: 2000	4. Operational		ne From: 07/25/2021 Time To: 2200
5. Incident Area 6. Hazards/Risks		- 111	7. Mitigations
Fireline Mop up			Burning stump holes, constantly evalate
			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 Driving			Drive with due regard. Wildlife, snags, rocks, dust and narrow roads have all been observed.
Fireline Hydration		10 X	Please stay hydrated, 2 bottles of water to every bottle of gatorade is recommended.
ICP / Basecamp			COVID Protocols have been reinstated, please do your best to practice social distancing and wash your hands with soap.
ICP / Basecamp Health Hazard			Please practice basic hygiene. Wash hands and face prior to entering the kitchen area.
ICP / Basecamp Driving (entering and ex	iting)		Please keep to speed at a max of 5 mph entering and departing ICP / basecamp. Follow entrance and exit signage.
ICP / Basecamp Sleeping		22	Please only sleep in designated sleeping area free of moving vehicles.
ICP / Basecamp Trip hazards			Power cables have been ran through ICP, driving and trips hazards
			•
		0.000	
8. Prepared by (Safety Officer): Name: S	cott Schuster - S	OFR	Signature:
Prepared by (Operations Section Chief):	: Name: Matt Ci	rosswait - OP	PS Signature:
ICS 215A	Date/Time:	July 24, 202	21 2000



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 <u>Incident Response Pocket Guide (IRPG)</u>, <u>PMS 461</u>, to
 effectively communicate emergency information. Conduct an AAR.
- Read Planning for Medical Emergencies under Operational Engagement (green section) in your <u>IRPG</u>.

We Will Never Forget You: Remembering Andy Palmer



AIR OPERATIONS SUMMARY (ICS 220)

1. Incident Name:		2. Operational Po	eriod:	3. Sunrise:	Sunset:				
Anderson Hill		Date From: 7/25/		7/25/21		0605	2113		
		Time From: 0600							
4. Remarks (safety no equipment, etc.):	otes, hazards, air opera	ations special	5. Ready Alert Aircra			6. Temporary Flight Restriction Number:			
equipment, etc.):			Medivac: TBA Throu	gh Dispatch		Altitude: 1/1290 1050			
Command: 170.425 F	Rx / 168.075 Tx Tone 1	41.3 (Tx only)	New Incident: N/A			Center Point: 46°48'5	5"N 113°19'23"W		
			8. Frequencies:	AM	FM	9. Fixed-Wing (categorial make/model, N#, bas			
			Air/Air Fixed-Wing	118.0750 (TFR)		Air Tactical Group Su	pervisor Aircraft:		
7. Personnel:	Name:	Phone Number:	Air/Air Rotary-Wing – Flight Following	128.000					
Director	ions Branch Mark Ingram 760-616-4293 Air/Ground				171.725P 166.825S				
Air Support Group Supervisor			Command				Other Fixed-Wing Aircraft:		
Air Tactical Group Supervisor			Deck Coordinator	Deck Coordinator 163.1000		-			
Helicopter Coordinator			Take-Off & Landing Coordinator			37.96			
Helibase Manager			Air Guard		168.6250				
10. Helicopters (use	additional sheets as ne	cessary):				-	70.0		
FAA N#	Category/Kind/Type	Make/Model	Base	Ava	ailable	Start	Remarks		
N950CH	T1 Limited	Boeing CH-47D	Missoula	0	900	0900	NOT ASSIGNED		
N17FH	T1 Limited	Sikorsky UH-60A	Missoula	0	900	0900	NOT ASSIGNED		
N118MB	T3 Standard	AS-350B3	Bearmouth Helibase	0	900	0800	COMMITTED		
		323							
11. Prepared by: Na	me: Mark Ingram	Posit	tion/Title: AOBD		s	Signature: May	maluce		
ICS 220, Page 1	Date/Time: 7/22/21 @ 1600								



DEMOB LIST

Anderson Hill							
REQ#	Resource Name	item code	Unit ID	Agency	Last Work Day	Demob Date	Demob time
E-19	T6-Hart	ENG6	MT-R01	PVT	4-Aug	25-Jul	1
E-21	T6-AZ-SJC	ENG6	AZ-AZS	AZ	2-Aug		1530
E-22	T6X-AZ-HBO	ENG 6	AZ-A2S	AZ	2-Aug	25-Jul	
E-24	T6-Hart	ENG6	MT-R01	PVT	4-Aug	25-Jul	1430
0-06	Timber	Faller Moduel	MT-R01	PVT	31-Jul	26-Jul	1300
E-45	Water Tender	WTS3	MT-R01	PVT	4-Aug.	26-Jul	1230
E-17	T3-Hart	ENG3	MT-R01	PVT	2-Aug	26-Jul	1200
E-16	T3- Cahoon	ENG3	MT-R01	PVT	2-Aug	26-Jul	1130
E-15	T6-Cahoon	ENG6	MT-R01	PVT		26-Jul	1100
E-14	T3- Cahoon	ENG3	MT-R01	PVT	2-Aug	26-Jul	1030
E-13	T6-Cahoon	ENG6	MT-R01	PVT	2-Aug	26-Jul	1000
0-35	Faller Moduel	Faller Moduel	MT-R01	PVT	31-Jul	25-Jul	900
C-9	Rocky Mtn Fire	HC2I	MT-MTS	PVT	2-Aug	26-Jul	900
0-34	Miller	Faller Moduel	MT-R01	PVT	31-Jul	25-Jul	830
O-05	Miller	Faller Moduel	MT-R01	PVT	31-Jul	25-Jul	800
C-4	Phoenix	HC2I	AZ-AZS	AZ	30-Jul	26-Jul	800
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