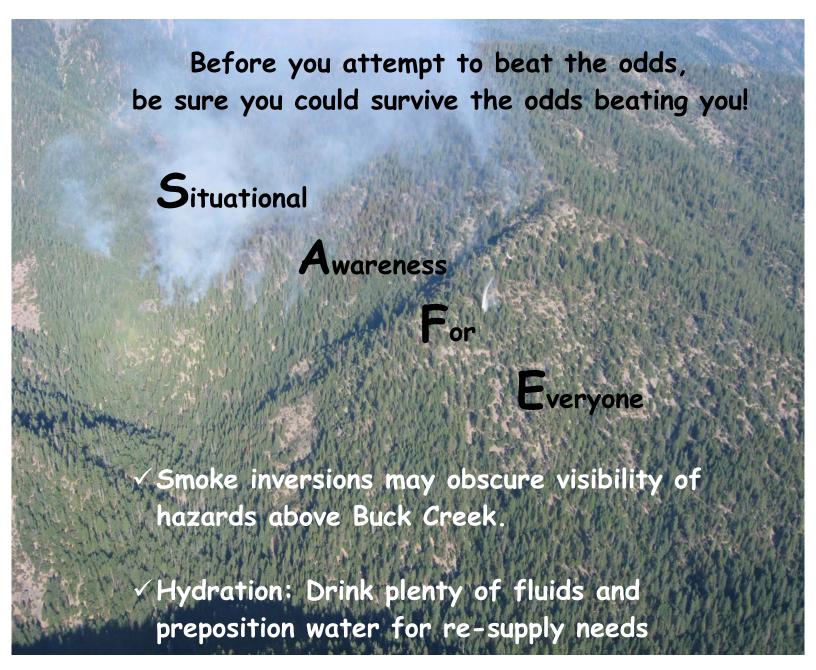
# Lazy Incident

INCIDENT ACTION PLAN September 8, 2007 0600 - 2000



*CA* - SHF - 001912 P5DZP9

Northern California Incident Management Team 1

	1. Incident Name		2. Date Prepared	3. Time Prepared
Incident Objectives		LAZY	09/07/07	1800
4. Operational Period 09/08/07	Saturday	Day Shift 0600 - 2000		
5. General Control Objectives for the incident	(include alterna	tives)		
* Provide for firefighter and p * Confine fire south and west * Confine fire north of the Yo * Confine fire west of Harvey * Confine fire east of the cres	of Lazymar Ila Bolly divi ridge.	ridge trail.	nagement pro	ocess.
6. Weather Forecast for Period See Spt Weather forecast.				
7. General Safety Message				
7. General Galety Message				
8. Attac	chments (mark i	f attached)		
<ul> <li>✓ Organization List - ICS 203</li> <li>✓ Div. Assignment Lists - ICS 204</li> <li>✓ Communications Plan - ICS205</li> <li>✓ Medical Plan - ICS 206</li> <li>✓ Air Operations Summary - ICS 220</li> </ul>	Safety Messa Traffic Plan	<u> </u>		
9. Prepared by (Planning Section Chief)		10. Approved by (Incident Con	nmander)	
Valery Lambeth		Kent Swartzlander		

ICS 202 Final Page of 1 ICS 202 Forms

ORGANIZATIO	ON ASS	SIGNMENT LIST	9.	Operation	s Section
1. Incident Name	1 4 7 1 /		Chief		PETE DUNCAN
2. Date Prepared	LAZY	3. Time Prepared	Planning OPS		ALEC LANE (t)
09/07/07		1800	a.	Branch I -	Division/Groups
4. Operational Period 09/08/07 Saturda	n Dav	Shift 0600 - 2000	Branch Director		
Position		Name	Deputy		
	Comma	nder and Staff	Division/Group	A	JEFF BARNHART
Incident Commander		WARTZLANDER	Division/Group	В	DAVID PEREIRA
Deputy	TOM C	AVES	Division/Group	Υ	CHRIS STEVENS
Safety Officer	MICHEI	_E TANZI	Division/Group	Z	MIKE CAMPBELL
Information Officer	YVONN	E JONES	Division/Group		
Liaison Officer			b.	Branch II -	Division/Groups
6. Agen	cv Repi	esentative	Branch Director		
Agency	Name		Deputy		
SHF		HARMON	Division/Group		
MNF	EDUAR	DO OLMEDO	Division/Group		
			Division/Group		
			Division/Group		
			Division/Group		
7. PI	⊥ anning :	Section	C.	Branch III -	- Division/Groups
Chief		Y LAMBETH	Branch Director		
Deputy			Deputy		
Resources Unit	GARY [	DEBOI / RITA MUSTATIA	Division/Group		
Situation Unit	CHRIS	WIKEEN	Division/Group		
Documentation Unit	GARY [	DEBOI	Division/Group		
Demobilization Unit			Division/Group		
Fire Behavior Analyst			Division/Group		
Human Resource Specialist			d.	Air Opera	ations Branch
Training Specialist			Air Operations B	<u> </u>	ERICH SCHWAB
GIS Specialist	KYLE F	ELKER	Helibase Manage	er	
Computer Specialist	JONNA	COOPER	Air Attack Super	visor	SCOTT WHITMIRE
IMET	RYAN V	VALBRUN	Air Support Supe	ervisor	
			Helicopter Coord	inator	
8. Lo	gistics S	Section	Air Tanker Coord	linator	
Chief	<u> </u>	ELLISON	10.	Financ	ce Section
Deputy	PAUL M	ONTGOMERY	Chief		LOIS CHARLTON
Supply Unit / Ordering	том сн	ARLTON / MONA LAKE	Deputy		
Facilities Unit	JEFF HUI	HTALA / FRANK DELCARLO	Time Unit		SISSIE ANZORA
Ground Support Unit	JOHN C	AMACHO / HARRY ZABEL	Procurement Uni	t	PJ VILHAUER
Communications Unit	KEN EA	ARLE	Compensation/C	laims Unit	DEBORAH MCINTOSH (t)
Medical Unit	KEN KL	JMPE	Cost Unit		ADELE HENDERSON
Security Unit			Prepared by (F	Resource Unit Leade	er)
Food Unit	JAY WE	STLAKE	GARY DEE	BOI	
ICC 202			FINIAL		

ICS 203 FINAL Page of ICS 203 Forms

Divisio	on Assignme	ent List		1. Branch				2. Divi	sion/Group	Α	
Incident Name	LAZY			4. Operational F							
-	LAZT			0	09/08/0		aturday	Day Sh	ift 0600 - 20	)00	
5. Operations Chief	DETE	DUNCAN		Operation			Supervis	or IEEE I	BARNHART		
Operations Chief	7616	DUNCAN			Air Attac		•	JLII L			
Branch Director					Safety C	-	1 11301	MICH	ELE TANZI		
				Dansurana As			امط	IVIICI	LLL IAINZI		
6.			l	Resources As	ssignea t	Num of					
Strike Team/Tas	k Force/ Resource	Designator		Leader		Pers.	Y/N	Drop Off I	PT./Time	Pio	ck Up PT./Time
7. Control Opera	ations										
Dotrol Status											
Patrol Status											
8. Special Instru	ctions										
9.		_		sion/Group Comr							
Function	Frequency - RX	Frequency		Tone		stem		Channel	System	1	Channel
NIFC Top 1	166.6125N	168.400				RSC		1			
NIFC Tac 1	168.0500N	168.050				RSC		4			
Contingency Command Air to Ground	169.1750N	169.975		2,5		RSC		3			
	166.6875N	166.687		and by (D)		RSC		8			Danas
Prepared by (Reso Gary R. Deboi	ource Unit Leader)			ved by (Planning S ry Lambeth	ection C	niet)		Date Prepa	ared 07/07	ı ime	Prepared 1900
Cary IX. Deboi			vaic	i y Lambour					,,,,,,,		1000

			1. Branch				2. Divi	sion/Group		
	Assignme	nt List							В	
3. Incident Name	LAZY		4. Operational	Period 09/08/0	7 Sa	aturday	Day Sh	ift 0600 - 2	000	
5.			Operation	ns Persor						
Operations Chief	PETE DU	JNCAN		Division/	Group S	Supervis	or DAVID F	PEREIRA		
Operations Chief				Air Attac	k Super	visor				
Branch Director				Safety C	fficer		MICHEL	E TANZI		
6.			Resources A	ssigned th	nis Peri	od				
Strike Team/Task F	orce/ Resource D	Designator	Leader		Num of Pers.	Trans. Y/N	Drop Off I	PT./Time	Pick	Up PT./Time
ELDORADO IHC		WILL	HARRIS		20	N	Spi	ike		
FIRESTORM 1		JOSI	H HILLER		19	N	Spi	ike		
EMTP		NICH	( GABBARD		1	N	Spi	ike		
EMTP		T.J. (	QUARDROS		1	N	Spi	ike		
7. Control Operation Mop-up 300 fee Fall hazard tree	t where safe t	o do so.				1				
O. Coopiel Instruction										
8. Special Instruction Implement MIST Backhaul excess Eldorado to fly out Share EMTs with	tactics where equipment ar ut of H1 at 170	nd garbage, pull					here neede	ed.		
9.			ision/Group Com							
	requency - RX 166.6125N	Frequency - TX 168.4000N	Tone		RSC		Channel 1	Systen	n	Channel
							1			
	168.6000N	168.6000N	2.5		RSC		5			
	169.1750N	166.9750N	2,5		RSC		3			
Air to Ground	166.6875N	166.6875N	oved by (Planning		RSC		8	arod	Time	Propored
Prepared by (Resourd Gary R. Deboi	ce onit Leader)		oved by (Planning ery Lambeth	Section Cr	iiei)		Date Prepa 09/0	ared 07/07	i ime F	Prepared 1915

Divisis	n Accient	nt List	1. Branch				2. Div	ision/Group	\/	
3. Incident Name	on Assignme	#ILLIST	Operational	I Pariod					Υ	
3. Incluent Name	LAZY		4. Operational	09/08/0	7 Sa	aturday	Day SI	nift 0600 - 2	2000	
5.			Operation	ons Persor		Ť				
Operations Chief	PETE DI	UNCAN				Supervis	or CHRIS	STEVENS		
Operations Chief				Air Attac	k Super	visor				
Branch Director				Safety O	fficer		MICHE	LE TANZI		
6.			Resources A	Assigned th	nis Peri	od				
Strike Team/Task	k Force/ Resource	Designator	Leader		Num of		Drop Off	PT./Time	Pick	Up PT./Time
REDDING IHC			HOLT		Pers.	Y/N N		oike		<u> </u>
MENDOCINO IH	IC		N TISHNER		20	N		oike		
BECKWOURTH			NICKEY		18	N		oike		
DEGRAVOGRATI		00111			- 10		<u> </u>			
7. Control Opera Mop-up 300 fe Fall hazard tre	et where safe to	) do so.			,					
Backhaul exce	ST tactics when ss equipment a out of Buck Heli	appropriate incluend garbage, pull fispot at 1700.					here need	led.		
9.			sion/Group Com							
Function NIFC Command 4	Frequency - RX 166.6125N	Frequency - TX 168.4000N	Tone	Sys	tem RSC		Channel 1	Syster	m	Channel
Tactical Div/Group	173.9625N	173.9625N			RSC		7			
Contingency Command	169.1750N	169.9750N	2,5		RSC		3			
Air to Ground	166.6875N	166.6875N			RSC		8			
Prepared by (Reso			ved by (Planning				Date Prep	oared	Time Pi	repared
Gary R. Deboi			ery Lambeth	,	- /			07/07		1915

Division	n Assignme	ent List		1. Branch				2. Divi	sion/Group	7	
3. Incident Name	LAZY			4. Operational F	Period 09/08/0	7 Sa	aturday	Dav Sh	ft 0600 - 20	<del></del>	
5.				Operation			<u>-</u>				
Operations Chief	PETE DI	JNCAN					Superviso	or MIKE CA	MPBELL		
Operations Chief					Air Attac						
Branch Director					Safety C	Officer		MICHEL	E TANZI		
6.				Resources As	sianed th	nis Peri	od				
Strike Team/Task I	Force/ Resource [	Designator		Leader		Num of Pers.		Drop Off I	PT./Time	Pic	k Up PT./Time
7. Control Operati	ions										
Patrol Status.											
8. Special Instruct	tions										
•											
0			Divid	sion/Croup Comp	ounicatio	no Sur	amoru.				
9. Function	Frequency - RX	Frequency		sion/Group Comn Tone		ns Surr stem		Channel	System		Channel
NIFC Command 4	166.6125N	168.400				RSC		1	- ,		
R5 Tac 4	173.9125N	173.912	5N		NIF	RSC		6		$\overline{}$	
Contingency Command	169.1750N	169.975	ON	2,5	NIF	RSC		3		_	
Air to Ground	166.6875N	166.687	5N		NIF	RSC				_	
Prepared by (Resou	ırce Unit Leader)			ved by (Planning S	Section Ch	nief)		Date Prepa		Time	Prepared
Gary R. Deboi			Vale	ery Lambeth				09/0	7/07		1915

#### Fire Weather Forecast

FORECAST NO: 4 NAME OF FIRE: Lazy Fire

**PREDICTION FOR:** Day Shift 0600-2000 **UNIT:** CA-SHF

SHIFT DATE: 9/8/07 SIGNED: Ryan Walbrun

TIME AND DATE Incident Meteorologist

**FORECAST ISSUED: 2000 9/7/07** 

<u>WEATHER DISCUSSION:</u> High pressure will continue across Northern California through the weekend. Expect slightly warmer and drier conditions compared to Friday. Ridgetop winds will continue to be light from the East with light slope winds this afternoon. The benign pattern is favorable for thermal belts so expect mild nights with only moderate RH recovery. The local morning inversion should break by 10 am.

#### **WEATHER FORECAST TODAY:**

... Continued Warm and Dry with Light Winds...

**WEATHER:** Sunny.

**TEMPERATURES:** 77 (6000 feet) 90 (4500 feet)...1-3 degrees warmer.

**HUMIDITY:** 18-24% (6000 feet) 25-30% (4500 feet)...slightly drier.

20 FT WINDS:

**RIDGETOP** – East 4-8 mph.

**SLOPE/VALLEY** – Upslope 3-6 mph.

**STABILITY/INVERSION:** Mid-slope inversion until mid-morning. Airmass remains stable.

**TONIGHTS FORECAST:** East Ridgetop winds 5 mph. Light wind in the drainages. RH Recovery 45-60%. Otherwise clear with overnight lows 58-64.

<u>OUTLOOK FOR SUNDAY:</u> Continued warm and dry with highs in the upper 70s to upper 80s with afternoon RH 18-28%. Ridgetop winds will continue to be light from the East through the day, however Easterly ridgetop winds are expected to increase by Sunday evening through Monday morning.

**EXTRA INFORMATION:** Please continue to radio in your weather observations to Communications!!!

Fire Behavior indices for the Mendocino Pass RAWS located at 5420 feet 18 miles south of the fire:

Burning Index this afternoon of 49 which correlates to 5 foot flame lengths. Energy Release Component (ERC) of 62.

Sunrise: 6:43 am Sunset: 7:29 pm

INCIDENT 6	RADIO COMMUNICA	TIONS PLAN	1. IN	CIDENT NAME	2. DATE / TIME PREPARED	3. OPERATIONAL PERIOD
INOIDENT	(ADIO OOMMIONIOA	TIONOT EAN		LAZY	09/07/07 2100	09/08/07 DAY
		4. BASIC RADIO	O CHA	NNEL UTILIZATION		
SYSTEM / CACHE	CHANNEL	FUNCTION		FREQUENCY	ASSIGNMENT	REMARKS
NIRSC	1	NIFC COMMAND 4		166.6125 N 168.4000 N	COMMAND NORTH	
NIRSC	2	NIFC COMMAND 5	Tx	167.1000 N 169.7500 N	COMMAND SOUTH	
NIRSC	3	MNF COMMAND	Tx	169.1750 N 169.9750 N	CONTINGENCY COMMAND	TONES 2,5
NIRSC	4	NIFC TAC 1	Tx	168.0500 N 168.0500 N	DIVISION ALPHA	
NIRSC	5	NIFC TAC 3		168.6000 N 168.6000 N	DIVISION BRAVO	
NIRSC	6	R5 TAC 4		173.9125 N 173.9125 N	DIVISION ZULU	
NIRSC	7	R5 TAC 5		173.9625 N 173.9625 N	DIVISION YANKEE	
NIRSC	8	AIR TO GROUND	Tx	166.6875 N 166.6875 N	AIR TO GROUND	
NIRSC	13	CALCORD		156.0750 W 156.0750 W	MEDIVAC	FOR MEDICAL EMERGENCY ONLY
NIRSC	14	AIRGUARD		168.6250 N 168.6250 N	EMERGENCY AIR	FOR EMERGENCY USE ONLY
NIRSC	15	NWS		162.4000 N 000.0000 N	NWS	NWS
NIRSC	16	AIRGUARD		168.6250 N 168.6250 N	EMERGENCY AIR	FOR EMERGENCY USE ONLY
ICS 205 9/86 NFES	5. PREPARED BY: (	COMMUNICATIONS UNI	Γ)			
1330	KEN EARLE C	OMUNICATIONS UNIT LI	EADE	ER (T)		

### **LAZY PHONE LIST**

FIRE POSITION	PHONE NUMBER (LL)	CELL PHONE	FAX NUMBER
INCIDENT COMMANDER	530-833-5361	530-261-0162	
OPERATIONS/PLANS	530-833-5370	530-261-0354	
MEDICAL	530 833-5516		
PLANS		530-261-0373	
LOGISTICS CHIEF		530-261-0852	
ORDERING	530-833-5323	530-261-0378	
ORDERING	530-833-5356	530-261-0859	530-833-5328
GROUND SUPPORT	530-833-5514	530-261-0862	
COMMUNICATIONS	530-833-5380	208-691-5165	
SAFETY OFFICER		530-261-0364	
COMP/CLAIMS	530-833-5381	530-261-0378	
SITUATION UNIT	530-833-5370	530-261-0371	
RESOURCES UNIT	530-833-5889	530-261-0370	
FINANCE UNIT	530-833-5391	530-918-9881	530-833-5510
INFORMATION (PIO)	530-833-5369 O/S		
DEMOB UNIT	530-833-5889		530-833-5510
SAFETY	530-833-5309		
EXPANDED DISPATCH	530-247-1245		530-244-0291

9/7/2007

#### AIR OPERATIONS SUMMARY PREPARED BY: Scott Whitmire

1. INCIDENT NAME: Lazy

2. OPERATIONAL PERIOD DATE: 9/8/2007 START TIME: 0730 END TIME: 1930 SUNRISE: 0638 SUNSET: 1938

3. REMARKS (Safety Notes, Hazards, Air Operations Special Equipment,, etc.):

4. MEDEVAC A/C:
H-212AH
Mercy Air

Altitude: \_\_\_\_10800\_\_\_ = MSL
Mercy Air

Centerpoint: Lat: 40 04.30
Long: 123 00.50

6. PERSONNEL	Phone	7. FREQUENCIES	AM	FM	8. FIXED-WING	# Avail / Type/ Make-Model / FAA N# / Bas
AOBD: Erich Schwab	530-517-2026	AIR/AIR FW:		166.275	Airtankers	Order through ATGS
ATGS: Paul Thorton (AA14) Stan Kubota (AA507)		AIR/AIR RW:	122.575			
HLCO:		AIR/GROUND:		166.6875	Leadplanes	
ASGS:Scott Whitmire	916-717-6615	COMMAND:	See commu	nication plan	Base FAX #:	
HEBM: Patrick Kearn		COMMAND RPT	Rx: See commu	Tx: nication plan	ATGS Aircraft	AA-14 AA-507
ATB MGR:		DECK FREQ:				
		TOLC FREQ:			Other	

9. HELICOPTERS (Use Additional Sheets As Necessary)

FAA N#	TY	MAKE/MODEL	BASE	AVAIL	START	REMARKS	FAA N#	TY	MAKE/MODEL	BASE	AVAIL	START	REMARKS
H-512	2	B-212	PHB	0700	0730								
212AH	2	B-212	РНВ	0700	0730								
212SJ	2	B-212	РНВ	0700	0730								
7CP	3	B-206L3	РНВ	0700	0730								

PREPARED DATE/TIME: 9/7@2000

10. TASK/MISSION/AS	SIGNMENT (Type/Function includes: Air Tactical, Retardant, Recon, Personnel Transport, Water Dropping, S&R, et	c.)		
TYPE/FUNCTION	NAME OF PERSONNEL OR CARGO (if applic) OR INSTRUCTIONS FOR TACTICAL AIRCRAFT	MISSION START	FLY FROM	FLY TO
Water drops	As needed	0800		
Cargo	Support Lazy fire	0800		
Cargo	Support Sugarloaf fire	0900		
Recon	As requested			
Troop transport	5 People from Covelo Airport to Wright Fire (Lat/Long) 40 04.2 X 123 00.5, then later to Butte fire	0900 at Covelo		
Backhaul	Retrieve nets, backhaul from all fires	As needed		
Troop transport	Two crews off Lazy Fire in the afternoon			

	1. Incid	ent Name	2. Date Pr	epared.		3. Time Prepared	4.	Opera	itional P	oriod		
MEDICAL PLAN	Lazy Fire		Septemb			1800 hrs		opera 00 - 20		enou		
WILDICALILAN			Coptomic	0, 2		1000 1110			er 8, 2	007		
		5.	Incident Med	dical A	id Statio	on	1					
Medical Aid Stations			Location						aramed Yes	ics No		
ICP- Frontline Medica	 al		ICP- Pask		Х							
H1 Lazyman Ridge (s	section 23)											
Type 2 capable			N 40° 05.330′ x W 122° 57.379′ Elevation 6000′									
H2 Lazyman Ridge (s	section line	24/13)										
**One way helispot wind component.	Don't use υ	ınder North	N 40° 05.59′ x W 122° 56.29′ Elevation 6000′									
Type 2 capable												
Buck Helispot (section	on 25) Type	2 capable	N 40° 04.5	53´ x	W 122°	56.624 Elevation	4300'					
			6. Trans	-								
		Т	AIR Ambula	nce Se	ervices							
Name		Address		Р	hone				Paramedio Yes			
REACH ( night capa	ble )	Redding, CA	4	5	30-226-	2400 ECC Direct			х			
ENLOE Flight Care		Chico Ca.		5	30-226-	2400 ECC Direct			X			
CHP ( <b>hoist capable</b> line and to 450 total line and Long Line controls and Line controls and Long Line controls and Line c	bs. Short	Redding, CA	Ą	530-226-2400 ECC Direct								
			B. Incident	Ambul	lances			l				
Name		Location							aramed Yes	ics No		
St Elizabeth Ambular	ice	Red Bluff or	r Corning, C		Х							
			7. Ho	spitals	3							
Name	Address			Travel Air	I Time Ground	Phone	Helipad Yes	d No	Burn Yes	Center No		
Mercy Medical	2175 Rosa	line Ave, Red	ding	30	2.0	(530) 225-6000	Х			Х		
Level 2 Trauma Center	N 40° 34.2	9' / W 122° 2	3.67'	min	hr	(800) 597-9571						
Enloe Medical	1531 Espla	anada Dr, Chio	co Ca.	30	2.0	(530)332-7300	x			х		
Center				min	hr							
UC Davis	2315 Stock	kton Blvd, Sac	ramento	2.5		(916) 734-3636	Х		Х			
Burn Center	N 38° 33.1	7' / W 121° 2	7.05'	hrs		(916) 734-3790						
		8. M	edical Emer	gency	Procedu	ıres						
Notify Incident (advising your locato take control, dispecure the area and and and and and and and and and an	ation and rect neces	situation. T ssary action	he closest s, coordin	Divis ate ap	sion Su ppropri	apervisor will restate care and patie	pond ent tra	to th	e loca ortatio	on.		
Prepared by (Medical Unit I	_eader)			10. Reviewed by (Safety Officer)								

Michele Tanzi, SOF2

Ken Kumpe, MEDL

### **Injury or Incident Communications Protocol**

Notify the Communications Unit (ICP) on Command Channel

If a minor injury or incident, state that so a false sense of urgency is not produced

Provide the following information - Do not transmit the injured persons name

Location		
Situation		
Any special equipment required		_
Number of injured Type of injuries		_
Immediate transport required: Yes No Best method: Ambulance	<u>Helicopter</u>	Vehicle
Closest pick up point (DP, Helispot)		

### Air Transportation Triage

		Air Shuttle to Paskenta Med Unit
	Air Ambulance –Immediate need	for non urgent transport
Mechanism	Stuck by tree	Cut or laceration smaller than 3" with
	Fall of 10' or more	bleeding controlled
	Snake bite with pain and swelling	Minor bites and Stings
	Insect bite with shortness of breath	Minor burns
	Signs of heat stroke (hot, dry, disoriented)	Walking wounded
	Burn Injury greater than 1% body area	
Area Injured	Significant Blunt or Penetrating Trauma to	Minor blunt trauma
_	Eye, Head, Neck, Chest, Abdomen	Minor penetrating trauma
	or pelvis. Any Arm or Leg fracture	Extremity sprains and strains
Symptoms	Disoriented	
	Shortness of Breath	
	Weak or absent radial pulse	
	Pale, cold and sweating	

### Radio procedures for Communications Unit at ICP

- 1. Clear the Command or other appropriate channel for Emergency traffic
- 2. Communications unit will notify the DIVS, OSC, SOF, Med Unit Leader and IC. IC will notify PSC, LSC and PLAN OPS if declaring "Incident with-in an Incident."
- 3. Notify Air OPS is air transport is requested

# **Patient Information:**

### PATIENT #1

Age	Gender	Agency/Position	_
LOC	Vital Signs		
Injury			
		History/Allergies	
		PATIENT #2	
Age	Gender	Agency/Position	
LOC	Vital Signs		
Injury			
Weight	Medical	History/Allergies	
		PATIENT #3	
Age	Gender	Agency/Position	
LOC	V	/ital Signs	
Injury			
Weight	Medical	History/Allergies	
		PATIENT #4	
Age	Gender	Agency/Position	
LOC	V	/ital Signs	
Injury			
Weight	Medical	History/Allergies	

# Lazy Incident Risk Analysis (215a)

Div.	LCES Analysis of Tactical Applications	LCES Mitigations/Warnings/Remedies
	(Hazardous Actions or Conditions)	2020 Minigarions, Warnings, Neimeares
All	Hydration	Drink plenty of fluids during and after shift. Pre-position water for re-supply needs. Order more to be slung in to keep ahead of demand.
У	Hazard Trees above Buck Creek	Identify, Flag, Communicate to adjoining forces, and mitigate if safe to do so. Limit exposure. Use qualified fallers
All	Escape Routes to Safety Zones	Re-evaluate Trigger Points with Operations and Division Supervisors and make them known to all!
All	Steep terrain and Rolling material and snags falling across firelines	Watch out for rolling material from snags on steep terrain igniting fuels below, or across Buck Creek. Keep eyes in the green. Stay alert and watch your footing. LCES are in place!
All	Cliffs	Give yourself room for recovery. Ensure your footing. Stay away if possible.
All	Bees	2 EMT-P's on DIV B. If stung or bit, reactions could become extreme within minutes. Evaluate and notify Division Supervisor immediately!
All	Difficult terrain and conditions for providing for emergency medical needs.	Review Med Plan before the need arises. Review Remote Injury Protocol before need arises.  2 EMT-P out on Fireline  * CHP has hoist capable helicopter *
У	Inversions in Buck Creek	Obscuring visibility of hazards above Buck Creek. Post lookouts, re-assess escape routes and trigger points.

Incident Name: Lazy

Date & Time Prepared: September 7, 2007 @ 1945 hours Operational Period: September 8, 2007 from 0600-2000

Prepared By: Michele Tanzi, SOF2

CA-SHF-001912

Shasta-Trinity National Forest



#### HAZARD MITIGATION THROUGH RISK MANAGEMENT

"Risk management doesn't get in the way of doing the mission – it is the way we do the mission." The Risk Management Process assists in ensuring that critical factors and risks of the fireline work environment are considered during decision making. Good risk management utilizes a five-step process:

#### Step 1—Situational Awareness:

- Obtain information.
- Scout the fire.
- Identify hazards—those likely to result in a negative impact.
- Consider all aspects of current and future situations.
- Consider known historical problem areas (Apply information from the Fire Danger Pocket Card.).
- Recognize the need for action.
- Demonstrate ongoing awareness of fire assignment status.
- Note deviations.
- Attempt to determine why discrepancies exist with information before proceeding.

#### Step 2—Hazard Assessment:

- Assess hazards to determine risks (e.g., fire behavior, snags, unburned fuels, work/rest).
- Use the Look Up, Down, and Around; and the Tactical Watch Outs (both located in the Incident Response Pocket Guide) to identify high-risk tactical hazards.
- Assess the impact of each hazard in terms of potential loss, cost, and mission/operational degradation based on probability and severity (probability—how likely an event will occur; severity consequences if the event occurs). Keep in mind that increased exposure time increases probability.

#### Step 3—Hazard Control:

- Determine the best approach to mitigate or control the risk from the hazards assessed.
- Establish controls (e.g., anchor point, LCES, utilize downhill checklist, limit exposure time).
- As control measures are developed, reevaluate each risk until it is reduced to a level where benefits outweigh potential costs.

### **The 5-D System for Effective Waterbars**

When locating and building waterbars, place them the right **distance** apart, at a **diagonal** to the fireline, so that they **divert**, then **discharge**, then **dissipate** the energy of the flowing water. Be sure to make them deep enough so they'll be durable, and that soil does **not block** the water bar outlet.

### Recommended spacing for waterbars on firelines.

Fireline slope %	Maximum Distance Apart (feet)
1-5	 200
6 - 20	 125
21 - 40	 60
41 - 60	 40
>60	 25

Waterbars should be at least 2 pulaski widths wide and 12-24 inches high.

