

BAR COMPLEX
Incident Accident Plan
September 10, 2006

Lookouts, Communications, Escape Routes, Safety Zone

Assess hazard trees during suppression, mop-up operations, & when you take breaks.

- 1. Keep informed on fire weather conditions and forecasts**
- 2. Know what your fire is doing at all times**
- 3. Base all actions on current and expected behavior of the fire**

HUMAN FACTORS

Hazardous Attitudes:

- **That can't happen to us**
- **Just another routine fire**

Fatigue:

- **Dehydration**
- **Heat stress & poor fitness level can reduce resistance to fatigue**

Stress Reactions:

- **Focusing on small tasks but ignoring the big picture**
- **Accepting increased risk as completion of the task gets near**

“Risk Management process is part of every assignment & shift”

INCIDENT OBJECTIVES, VISION & STRATEGY	1. Incident Name Bar Complex	2. Date 09/09/2006	3. Time 2300
4. Operational Period Day Operations 0700-1900 Sunday 09/10/2006			
5. Core Values – All Incidents, All the Time A. Firefighter Safety is the #1 priority - Everyone goes home B. Public Safety – We will be proactive in facilitating safety of affected citizens C. 100% Effort – We will engage the mission with all of our expertise D. Land Stewardship – We will cause no unnecessary resource damage E. Open Communication – Direct, respectful, and 2-way communications is the key to our success			
6. Incident Objectives / Management Expectations <p style="text-align: center;"><u>Management Expectations</u></p> 1. Provide for Fire Fighter and Public Safety. 2. Support efforts to protect and rebuild infrastructure that include transportation routes, electrical transmission lines, and communications systems in the fire area. 3. Provide for positive community, tribal and public relations. 4. Minimize impacts to wilderness, cultural resources and fisheries through the use of Minimum Impact Suppression Tactics (MIST), and limit the spread of invasive plant species. 5. Identify and complete fire suppression rehabilitation needs. <p style="text-align: center;"><u>Operational Objectives</u></p> 1. Keep the Bar Complex Fires: a. North of Highway 299; b. East of New River/Slide Creek and a line from Denny to French Bar; c. South of Slide Creek, Mary Blaine Meadow and Salmon Mountains; d. West of North Fork Trinity River and the Hobo Gulch Road. 2. Provide initial attack response within the TFR and fire resource support for the Shasta Trinity N.F.			
7. Plan of Action, Strategy, and Priorities 1. First priority is to protect the communities of Helena, Big Bar, Junction City, Canyon Creek, Denny and Big Flat from the Bar Complex fires. All available air and ground assets will support this operation when necessary. Engagement principles of Mass, Position and Security will be employed. 2. Second priority will be to effect Initial Attack of new fire starts. Engagement principles of Mass and Maneuver will be employed. 3. Third priority will be to continue direct and indirect fire suppression tactics where practicable with the intent of containing the Bar Complex Fires. Priority to hold the fire north of Hwy 299.			
8. Attachments (mark if attached)			
<input checked="" type="checkbox"/> Organization List - ICS 203 <input checked="" type="checkbox"/> Fire Weather Forecast <input checked="" type="checkbox"/> Fire Behavior <input checked="" type="checkbox"/> Div. Assignment Lists - ICS 204 <input checked="" type="checkbox"/> Air Operations Summary-ICS 220	<input checked="" type="checkbox"/> Safety Message <input checked="" type="checkbox"/> Incident Risk Analysis – ICS 215a <input checked="" type="checkbox"/> Communications Plan - ICS 205 <input checked="" type="checkbox"/> Medical Plan - ICS 206 <input checked="" type="checkbox"/> Rehab Guidelines	<input checked="" type="checkbox"/> Base Camp Map <input checked="" type="checkbox"/> Travel Map <input checked="" type="checkbox"/> Unit Log – ICS 214 <input checked="" type="checkbox"/> Incident Map <input type="checkbox"/> Human Resource Message	
9. Prepared by (Planning Section Chief) Gordon Martin	10. Approved by (Incident Commander) Don Feser		

ORGANIZATION ASSIGNMENT LIST		
1. Incident Name BAR COMPLEX (CA-SHF-1693) & PIGEON FIRE (CA-SHF-2120)		
2. Date 09/09/06	3. Time 2000	
4. Operational Period SEPTEMBER 10, 2006 (0700 - 1900) DAY OPS		
Position	Name	
5. Incident Commander and Staff		
Incident Commander	DON FESER	
Deputy	DAN KLEINMAN	
Safety Officer	J.BOYD / L. SZCZEPANIK	
Information Officer	C. DICKSON / M. CLACK / T. EFIRD	
Liaison Officer	LARRY MCLEAN	
6. Agency Representative		
SHF Line Officer	MARY ELLEN GRIGSBY	
PG&E Supervisor	HERB SAUNDERS	
BLM	WALTER HERZOG	
CHP	MIKE SHERMAN	
Trinity Co. Sheriff	DAVE LAFFRANCHINI	
CDF Agency Rep	MARK KENDALL	
OES Agency Rep	DAN TINNEL	
CDC Agency Rep	BRYAN EVANS	
7. Planning Section		
Chief	GARY MONTGOMERY	
Deputy	GORDON MARTIN (T)	
Resources Unit	M. FOUNTAIN / C. NEILL / J. ROBERTS (T)	
Situation Unit	TODD EDWARDS / K. PARK (T) / C. GALVIN	
FBAN		
IMET	JEFF TONKIN	
Demobilization Unit	ARTURO MOTA / AL YANAGISAWA (T)	
Documentation Unit	REX CRABTREE (T)	
Training Specialist	REX CRABTREE / BILL REYNOLDS (T)	
CTSP	JODY LANE / ROBERT RAINWATER	
GIST	ALFIE BLANCH / RICH STRAZZO	
Resource Advisor	LOREN EVEREST / MIKE MITCHELL	
8. Logistics Section		
Chief	DAN TURNER	
Deputy	JIM HOGG	
Supply	DENNIS BOUSLAUGH	
Ground Support Unit	DAVE TRUSSELL	
Communications Unit	BARRY MATHIAS	
Medical Unit	JERRY HEINZEL	
Facilities	GORDON COE / TIM GARDNER	
Food Unit	RICKY WASHINGTON / DAN BUTTERFIELD	
Security Unit	PAT SWANSON	

9. Operations Section		
Ops Chief	SCOTT BROCKMAN / GEOFF WILFORD	
Planning Ops	RANGER DORN (M)	
a. Branch II-V BAKE OVEN		
Branch Director	JACK FROGGATT	
Deputy		
Division/Group	N	
Division/Group	J	UNSTAFFED
b. Branch VI PIGEON		
Branch Director	TOM MCGUIRE	
Deputy		
Division/Group	AA/ZZ	KURT MCCRAY / CHRIS GRIGG (T)
Division/Group	BB	JOHN FLORES / HARRY WILLIAMS (T)
Division/Group	CC	AARON ORTEGA / LANCE BERRY
Division/Group	MM	SHELBY CHARLIE / MARK RODGERS (T)
Staging Area	HELENA	MIKE RUIZ
c. Branch VII PIGEON		
Branch Director	JIM TOY	
Division/Group	WW	JOHN SIMON / J. DRAKE (T)
Division/Group	XX	TOM LUBAS
Division/Group	YY	ROBIN WILLS
d. Branch VIII PIGEON		
Branch Director	MARK VONTILLOW	
Division/Group	EE	LARRY TURMAN
Division/Group		
e. Branch IX REHAB		
Branch Director	LARRY WRIGHT	
Division/Group	REHAB	
Division/Group		
f. Branch STRUCTURE		
Branch Director	RON GESNER	
Division/Group		
e. Air Operations Branch		
Air Operations Branch Director	KENT HASKINS	
Air Attack Supervisor	RUSS GRIPP / DENNIS KNIGHT	
Air Support Supervisor		
Helibase Manager	CANDY RAMOS	
Air Tanker Coordinator		
10. Finance Section		
Chief	LAURIE BECK	
Deputy	ROBBIN EKMAN (M)	
Time Unit	TAUNA CLAUSEN	
Procurement Unit	PAULETTE GORDON	
Compensation/Claims Unit	NATOSHA MAUER	
Cost Unit	JOAN DISNEY	
Prepared by (Resource Unit Leader) CHRISTIE NEILL, MELODY FOUNTAIN		

Fire Weather Forecast

FORECAST NO: 43 - D

NAME OF FIRE: BAR COMPLEX

PREDICTION FOR: Sunday Day Shift

UNIT: Shasta – Trinity NF

SHIFT DATE: September 10th 2006

TIME AND DATE

SIGNED: Jeff Tonkin

Incident Meteorologist

FORECAST ISSUED: 2000 September 9 2006

WEATHER DISCUSSION: The upper level trough of low pressure has now exited the region and will be followed by a rapidly building ridge of high pressure. As a result, temperatures will rise and less wind is expected over the next few days. Winds will generally be terrain driven, with up slope / up canyon winds during the late morning through late afternoon hours.

FORECAST FOR TODAY:

WEATHER: Sunny but smokey.

MAX TEMPERATURES:

Between 1500 – 3000 ft: 89 – 96 degrees.

Between 3000 – 4000 ft: 81 – 86 degrees

Between 4000 – 5000 ft including higher ridgetops: 71 – 77 degrees.

MINIMUM RELATIVE HUMIDITY:

Between 1500 – 3500 ft: 16 – 20%

Between 3500 – 5000 ft including higher ridgetops: 19 – 24%

20 FT WINDS:

Upper Slopes/Ridge Tops: South...Southeast 3 to 6 mph...Becoming Variable and terrain driven 3 to 5 mph in the afternoon...with gusts to 8 mph.

Lower Slopes / Drainage: Down slope / down canyon 1 – 2 mph until 1100 PDT then Upslope / Up canyon 3 to 6 mph...higher gusts to 10 mph after 1400 PDT.

CWR: 0%.

LAL : 1.

STABILITY/INVERSION: Moderate to strong morning inversions forming along lower valleys and in canyons around sunrise. Inversions breaking and smoke lifting by 1300 PDT.

OUTLOOK FOR NEXT SHIFT (Monday): Stable airmass develops over the fire area producing little wind Along with warmer nights and mornings and poor rh recovery. Winds will continue to be light and terrain Driven except for upper slopes and ridge tops where very light east winds will maintain very poor rh recovery.

EXTENDED FORECAST: Monday and Tuesday...Monday remains hot and dry as the ridge of high pressure persists over the area. On Tuesday a weak upper level trough approaches the area bringing slightly cooler Temperatures and slightly higher relative humidity values. Higher elevation winds will turn westerly but do not Look strong or gusty at this time.

Yesterday's Weather from Local Raws:

	Mx Temp	Min RH	Max Wind Speed	Wind Dir.
Backbone	74	29	3 G 7	SE
Limestone	64	37	5 G 10	SW

FIRE BEHAVIOR FORECAST

FORECAST NUMBER #43-D	TYPE OF FIRE Wildland Fire
FIRE NAME Bar Complex	OPERATIONAL PERIOD 9/10/06
DATE ISSUED 9/9/06	TIME ISSUED 2130
UNIT Fire Behavior	SIGNED <i>Gary Montgomery</i>

WEATHER SUMMARY:

Terrain winds can be the dominate factor in specific places in this area with upslope/upcanyon winds during the late morning through late afternoon hours.

*See the **Specific Daily Fire Weather Forecast!***

FIRE BEHAVIOR

GENERAL: The latest Live Fuel Moisture samples at a representative elevation for the Pigeon Fire was 88%, near critical for Manzanita and 15 points less than the last samples for Bake Oven. You can expect more active fire behavior at the higher elevations when it comes to fuels. Stubborn inversions that trap smoke in the canyons will effectively compress the daily burning period. While shrouded under the smoke from a weak inversion the fire will back creep and smolder, once this weak inversion lifts, by 13:00 hours, fire behavior will pick up considerably with the potential for short and/or long range spotting.

SPECIFIC:

Bake Oven Fire – This fire will continue its inward progression in the large island in the interior of the northeast portion of the fire. Branch V the fire will continue to spread to the east and south. The North Fork of the Trinity River cannot be relied upon to contain spread, only delay it. Expect backing spread to remain relatively slow in the absence of a wind event, 1-2 ch/hr. With the forecasted higher temperatures and lower humidity's, aligned slopes in good air (no inversion) will sustain runs up to 20 ch/hr with crowning runs up to double that and with spotting distances up to ½-1+ mile during gusty winds.

Pigeon Fire – Monitor for spotting east of the East Fork of the North Fork Trinity River north of Helena. Expect downhill backing fire to progress relatively slowly, 1-2 ch/hr when protected by terrain or inversion. Expect upslope runs of moderate intensity on the north and east slopes and more aggressive runs on the southwest facing slopes after 13:00 hours when the weak inversion lifts. Drainage winds in the Trinity (main stem and North Fork) will need to be monitored closely as the shifting directions and eddies in the corners of the stream course will influence spotting direction. Expect an increase of fire behavior in Manzanita Creek with runs up canyon in a northerly direction.

With the forecasted higher temperatures and humidity's, rates of spread on aligned slopes at the lower elevations can be expected to be a bit higher then that on the Bake Oven, up to 25-30 ch/hr in clear air, with crowning runs up to double that and with spotting distances up to ½-1+ mile during gusty winds.

Rate of Spread values are estimates based on short term projected weather.

AIR OPERATIONS: Inversions are likely on a daily basis and no operations, logistical or tactical should rely on the availability of aircraft.

SAFETY

Keep informed on fire weather conditions and forecasts!

Pay close attention to both the forecasts provided **and** what you observe out on the fire.

Base all actions on current and expected behavior of the fire.

You have heard it said that everyone is a safety officer; you are all capable of determining fire behavior as well. Use your experience and situational awareness and communicate with each other.

Expect the Unexpected

Division Assignment List		1. Branch VI		2. Division/Group MM			
3. Incident Name PIGEON		4. Operational Period 09/10/06 Sunday Day Shift 0700 - 1900					
5. Operations Personnel							
Operations Chief	SCOTT BROCKMAN		Division/Group Supervisor	SHELBY CHARLEY / MARK RODGERS (T)			
Operations Chief	GEOFF WILFORD		Air Attack Supervisor	RUSS GRIPP / DENNIS KNIGHT			
Branch Director	TOM MCGUIRE		Safety Officer	WARREN STEPHENSON			
6. Resources Assigned this Period							
Strike Team/Task Force/ Resource Designator	Leader	Num of Pers.	Trans. Y/N	Drop Off PT./Time	Pick Up PT./Time		
DIVS	VAL LINCH	1	N	HELENA 0800	ICP 1900		
CREW STANISLAUS IHC	FELIX BERBENG	21	N	HELENA 0800	ICP 1900		
CREW TAHOE IHC	RICK COWELL	18	N	HELENA 0800	ICP 1900		
CREW SALYER	BOB RATHJEN	17	N	HELENA 0800	ICP 1900		
CREW MARSHALL	JAMES ONE	20	N	HELENA 0800	ICP 1900		
CREW TRINITY RIVER #3		19	N	HELENA 0800	ICP 1900		
CREW TRINITY RIVER #4		19	N	HELENA 0800	ICP 1900		
CREW ST HIGH ROCK 9120G	RICHARD WALLACE	35	N	HELENA 0800	ICP 1900		
CREW BIG BEAR HC	JIMMY AVILA	19	N	HELENA 0800	ICP 1900		
FELB	MIKE ABARCA	1	N	HELENA 0800	ICP 1900		
FELB	JED WASHBURN	1	N	HELENA 0800	ICP 1900		
FALC	DAVID KAHAN	1	N	HELENA 0800	ICP 1900		
EMTP	JOHN GRIMALDI	1	N	HELENA 0800	ICP 1900		
EMTB	KENNY COHEN	1	N	HELENA 0800	ICP 1900		
CRWB	DANI SWANTIC	1	N	HELENA 0800	ICP 1900		
CRWB(T)	THOMAS BRENZOVICH	1	N	HELENA 0800	ICP 1900		
FOBS	AL GREGSON	1	N	HELENA 0800	ICP 1900		
FOBS	TERRY NICKERSON	1	N	HELENA 0800	ICP 1900		
7. Control Operations Continue line construction from DP19 South to the MM/BB break.							
8. Special Instructions Any incident resources may be re-assigned at any time to meet structure protection needs on the incident or to new IA fire.							
9. Division/Group Communications Summary							
Function	Frequency - RX	Frequency - TX	Tone	System	Channel	System	Channel
Command	166.2750N	169.1125N		NIFC	1		
Tactical Div/Group	166.7250N	166.7250N		NIFC	7		
Logistics							
Air to Ground	164.0000N	164.0000N		NIFC	13		
Prepared by (Resource Unit Leader)		Approved by (Planning Section Chief)			Date Prepared 09/09/06	Time Prepared 0937	

Division Assignment List		1. Branch VII		2. Division/Group YY			
3. Incident Name PIGEON		4. Operational Period 09/10/06 Sunday Day Shift 0700 - 1900					
5. Operations Personnel							
Operations Chief	SCOTT BROCKMAN		Division/Group Supervisor	ROBIN WILLS			
Operations Chief	GEOFF WILFORD		Air Attack Supervisor	RUSS GRIPP / DENNIS KNIGHT			
Branch Director	JIM TOY		Safety Officer	JOHNNIE ADDISON			
6. Resources Assigned this Period							
Strike Team/Task Force/ Resource Designator	Leader	Num of Pers.	Trans. Y/N	Drop Off PT./Time	Pick Up PT./Time		
CREW 9255G	GREG BLANCO	35	N	CYN CREEK 0800	ICP 1900		
FELB	CHRIS BRYSKI	1	N	CYN CREEK 0800	ICP 1900		
FALC	LARRY ALLEN	1	N	CYN CREEK 0800	ICP 1900		
FALC	RICHARD LOERZEL	1	N	CYN CREEK 0800	ICP 1900		
FOBS	ROBERT ELLIS	1	N	CYN CREEK 0800	ICP 1900		
FOBS	DANIEL HORTON	1	N	CYN CREEK 0800	ICP 1900		
DOZB	DENNIS TESSIER	1	N	CYN CREEK 0800	ICP 1900		
DOZ WET PUP E-64	MARK HODGETTS	2	N	CYN CREEK 0800	ICP 1900		
DOZ LEACH E-65	STAN LEACH	2	N	CYN CREEK 0800	ICP 1900		
DOZ FS #29 E-21	DAVID BROWN	2	N	CYN CREEK 0800	ICP 1900		
DOZ FS #4 E-37	JAY DILLION	2	N	CYN CREEK 0800	ICP 1900		
DOZ COLEY E-56	ROBERT COLEY	2	N	CYN CREEK 0800	ICP 1900		
WT ALAN'S E-112	RICKY LOGUE	2	N	CYN CREEK 0800	ICP 1900		
7. Control Operations							
Prep around structures and improvements on Canyon Creek Rd. and Powerhouse Rd.							
Construct dozer line north from Upper Rd. to Wilderness Line.							
Prep 10' around power poles.							
8. Special Instructions							
Any incident resources may be re-assigned at any time to meet structure protection needs on the incident or to new IA fire.							
9. Division/Group Communications Summary							
Function	Frequency - RX	Frequency - TX	Tone	System	Channel	System	Channel
Command	166.2750N	169.1125N		NIFC	1		
Tactical Div/Group	166.7750N	166.7750N		NIFC	8		
Logistics							
Air to Ground	164.0000N	164.0000N		NIFC	13		
Prepared by (Resource Unit Leader)		Approved by (Planning Section Chief)			Date Prepared 09/09/06	Time Prepared 0939	

Division Assignment List		1. Branch VIII		2. Division/Group EE			
3. Incident Name PIGEON		4. Operational Period 09/10/06 Sunday Day Shift 0700 - 1900					
5. Operations Personnel							
Operations Chief	SCOTT BROCKMAN		Division/Group Supervisor	LARRY TURMAN			
Operations Chief	GEOFF WILFORD		Air Attack Supervisor	RUSS GRIPP / DENNIS KNIGHT			
Branch Director	MARK VONTILLOW		Safety Officer	DAVE MORTON			
6. Resources Assigned this Period							
Strike Team/Task Force/ Resource Designator	Leader	Num of Pers.	Trans. Y/N	Drop Off PT./Time	Pick Up PT./Time		
CREW PLUMAS IHC	JACK SEVELSON	23	N	BIG FRENCH 800	ICP 1900		
CREW MIDNIGHT SUN	DAVE MATIER	22	N	BIG FRENCH 800	ICP 1900		
STCR	CURT ROSE	1	N	BIG FRENCH 800	ICP 1900		
DOZER FS 79 E-22	DON DELAY	2	N	BIG FRENCH 800	ICP 1900		
DOZER ZABEL E-57 TRANS E-	FRANK ZABEL	1	N	BIG FRENCH 800	ICP 1900		
DOZER BROWN E - 55	BARRY BROWN	2	N	BIG FRENCH 800	ICP 1900		
DOZB(T)	JODY WILLIAMS	1	N	BIG FRENCH 800	ICP 1900		
FOBS	PAUL SELEGUE	1	N	BIG FRENCH 800	ICP 1900		
FOBS(T)	MIKE CONNOLLY	1	N	BIG FRENCH 800	ICP 1900		
EMT-B	SCOTT GIBBS	1	N	BIG FRENCH 800	ICP 1900		
7. Control Operations							
Construct and improve line on Big French.							
Scout potential line in Prairie Creek.							
8. Special Instructions							
Any incident resources may be re-assigned at any time to meet structure protection needs on the incident or to new IA fire.							
9. Division/Group Communications Summary							
Function	Frequency - RX	Frequency - TX	Tone	System	Channel	System	Channel
Command	166.2750N	169.1125N		NIFC	1		
Tactical Div/Group	166.7750N	166.7750N		NIFC	8		
Logistics							
Air to Ground	164.0000N	164.0000N		NIFC	13		
Prepared by (Resource Unit Leader)		Approved by (Planning Section Chief)			Date Prepared 09/09/06	Time Prepared 0936	

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
ON ORDER	I												
ON ORDER	II												

10. TASK/MISSION/ASSIGNMENT (Type/Function includes: Air Tactical, Retardant, Recon, Personnel Transport, Water Dropping, S&R, etc.)

TYPE/FUNCTION	NAME OF PERSONNEL OR CARGO (if applicable) OR INSTRUCTIONS FOR TACTICAL AIRCRAFT	MISSION START	FLY FROM	FLY TO
Air Tactical	Continuos coverage over incident by FW ATGS if smoke and weather permits; ATGS to determine flying conditions for RW use.	900	RDD	FIRE
Dropping Retardant: Air Tanker	FW air tankers when available as ordered by DIVS to ATGS. Support operations as necessary.		RDD	FIRE
Dropping Water: Helicopters	AS ORDERED BY ATGS / DIVS		HELIBASE	FIRE
Transport Personnel	<u>ALL FLIGHTS DEPEND ON WEATHER AND SMOKE CONDITIONS</u> 1. FLY MAD RIVER HS INTO H-19 2. COMM UNIT FLIGHT	0900	HELIBASE	FIRE
Cargo Transport	AS REQUESTED TO R&D ON COMMAND FREQ BY 1200 -1. FLY OUT UNIENGINES - 2. PREP CARSON DIP TANK FOR REMOVAL		HELIBASE	FIRE
Recon	AS REQUESTED AND APPROVED THRU AIR OPS		HELIBASE	FIRE
Medevac	ATGS, DIVS to Communications and MEDUL to coordinate MEDEVAC; determine nature of injury, method of transport.		HB / RDD	FIRE
Mapping/Infrared	AS REQUESTED / DEPENDING ON AVAILABILITY AND SMOKE CONDITIONS			
Refueling	HB			
Rappel				
Firing	POSSIBLE PSD MISSION TBA			

SAFETY MESSAGE

Bar Complex

September 10, Day Shift

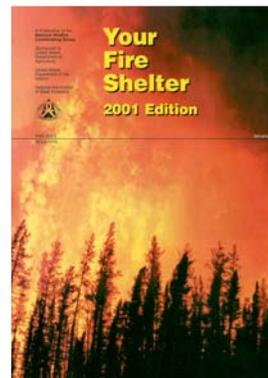
USE **L**OOKOUTS, **C**OMMUNICATIONS, **E**SCAPE ROUTES, **S**AFETY ZONES
WEAR YOUR PERSONAL PROTECTIVE EQUIPMENT DURING ALL OPERATIONS

Brief your crews on all components of the IAP

- Dedicated lookouts are a must, they must have a good situational awareness, and pre-determined trigger points that ensure adequate escape times. North Fork and Hobo roads are the hot spots.
- Continue to ID (flag) Snags for fallers; don't fall over your qualifications.
- Bees, Bees, Bees, who on your crew has sensitivities, do they have their Meds, Epipens Know your EMTs locations and /or ambulance
- More residents on the road, watch out for them, set out traffic cones and don't park around blind curves.
- Park in cleared areas, pointed out, make sure your windows are rolled up.
- Watch for Dozers, working in your area, don't assume they see you, ensure appropriate working distances.

FIRE SHELTER DEPLOYMENT In Rockslides: *Safety Alert*

- **SPECIAL DANGERS:**
- Can be difficult to establish and maintain an effective seal.
- Exposed rockslide absorbs, retains, and radiates convective and radiant heat.
- All fuels in and adjacent to rockslide are a potential sources of ignition, combustion, and direct flame contact to shelter



Prepared by: Jennifer Boyd, , Linda Szczepanik, Ken Douglas, Safety Officers

Date: 9/10/06

Incident Bar Complex	Incident Action Plan Safety Analysis	Operational Period 9/10/06 0700-1900 Day
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SIGNIFICANT HAZARDS AND RISKS

Risks →	1 Extreme Fire Behavior, Spotting, High ERCs	2 Major Firing Operations	3 Indirect, Downhill Mid-Slope Steep Line	4 Major Air Operations	5 WUI/ Structure Protection	6 Road Cond., Heavy Mixed Traffic, Distances	7 Hazard Trees/Snags	8 Environment	9 Communi-cations	10 Gen. Poor Health Conditions	11 Rolling Material
Hazards→	Rapid ROS Adeq. LCES	Increased fire activity, changed fire behavior,	Adeq. LCES	Airspace, Drops, Aerial Hazards, Shuttles	Hazmat, Defensibility, Ingress, Egress, Evacuations	Narrow Road, Dust, High Bus/Tender/ Misc. Traffic Public Traffic Drive Time	High Amt. of Snags, Surface fire weakened stands	Heat, Snakes, Poisonous plants, Bears, Insects, Adverse Weather	Dead Spots, Limited Freq., Equip Failure	Smoke Fatigue Colds/Flu	Rocks Trees Logs
Divisions, Groups, Locations ↓											
N	X	X	X	X			X	X		X	X
J	Unstaffed										
AA/ZZ							X	X		X	X
BB	X	X	X	X		X	X	X		X	X
MM	X	X	X	X	X	X	X	X		X	X
CC			X		X	X	X	X		X	X
WW			X		X	X	X	X		X	X
XX			X		X	X	X	X		X	X
YY			X		X	X	X	X		X	X
EE			X		X	X	X	X		X	X

Remarks

Trigger Points should be measurable!!
Triggers can be a prompt, to re-assess your current situation!!
Remember triggers are tools to evaluate your current actions, effectiveness and hazards!!
All new work assignments require reassessment of your situational awareness!!
IRPG page 1 Risk Management Process!!

Lookouts – Communications – Escape Routes –Safety Zones –Revisit throughout the shift!!!!!!

215a Mitigation Appendix
(Pg. refers to Pages in Incident Pocket Response Guide)

<p align="center">Standing Mitigations.</p> <ol style="list-style-type: none"> 1. Adherence/enforcement of 10 Standard Fire Orders. (Back of IPRG) 2. Mitigation of 18 Watch Out Situations. (Back of IPRG) 3. Implementation of LCES . LCES Checklist Pg 6. 4. Risk Assessment Process Pg. 1. 5. Adherence to work/rest ratios. 6. Adherence to driving standards. 7. Defensive driving 8. Adherence to aviation standards, protocols and safety measures. 	<p align="center">7. Hazard Tree/Snags</p> <ol style="list-style-type: none"> 1. Clearly identify and mark avoidance areas before committing resources. 2. Abandon operations when critical wind speeds are attained. 3. Utilize dedicated falling teams to secure areas. Procedural Chain Saw Operations Pg. 81 4. Minimize mop-up distance standards to reduce exposure.
<p align="center">1,2 . Extreme Fire Behavior, Spotting, Major Firing Operations</p> <ol style="list-style-type: none"> 1. Increase LCES Components and Risk Assessments. LCES Checklist Pg 6, Safety Zone Guidelines Pg. 7. 2. Formalize Contingency Plan. Establish strategy and tactic evaluation points. 3. Perform recon flight and formal assessment before executing tactical plan. 4. Formalize Firing Plan, Firing Group. 5. Emphasize Line Briefings utilizing IPRG Briefing Checklist (Inside back cover). 6. Utilize dedicated aerial platforms for observation/lookout. 7. Formalize Camp Protection Plan. 	<p align="center">8. Environment</p> <ol style="list-style-type: none"> 1. Heat: Emphasize hydration recommendations, Stress symptoms and treatment of heat exhaustion/stroke. 2. Bees/Insects: Emphasize identification and treatment of stings/bites; allergic reactions. 3. Bears: Emphasize encounter guidelines, sanitation-food storage protocols. Change camp-work locations. 4. Poison Oak/Ivy: Emphasize identification and treatment, clothes exchange. 5. Poisonous Snakes: Emphasize identifying habitat, type and treatment of bites. 6. Lightning: Thunderstorm Safety Pg. 75.
<p align="center">3. Line Location (Indirect, Downhill, Midslope, Underslung, Steep/Inaccessible Terrain)</p> <ol style="list-style-type: none"> 1. Downhill Checklist. Pg. 8 2. Increase LCES Components and Risk Assessments. LCES Checklist Pg 6 and Safety Zone Guidelines Pg. 7. 3. Utilize close air water/retardant support. 4. Steep, inaccessible terrain: pre-position medical emergency equipment and personnel, secure winch/hoist medivac capabilities. 	<p align="center">9. Communications</p> <ol style="list-style-type: none"> 1. Request additional frequencies, Enforce radio traffic discipline. 2. Staff human repeaters/relays. 3. Suspend operations during radio communication system failures.
<p align="center">4. Major Air Operations</p> <ol style="list-style-type: none"> 1. Review Aviation Watch Out Situations Pg.46 2. Staff additional coordination positions as necessary. (HLCO) 3. Utilize coyote tactics, spike camp 4. Utilize temporary FAA Control Tower. 5. Identify designated flight paths. 6. Emphasize safe drop zone practices. Pg. 52, 53. 7. Follow helispot standards. Pg. 54,55 8. Utilize Directing Retardant and Bucket Drop direction. Pg 61. 	<p align="center">10. General Poor Health Conditions</p> <ol style="list-style-type: none"> 1. Smoke: Relocate sleeping areas, stress identification of CO symptoms, rotate work assignment locations. 2. Fatigue: Shorten operational periods, increase breaks, rotate work assignments. 3. Colds/Flu: Stress vitamins, fluid intake, good hygiene.
<p align="center">5. WUI/Structure Protection</p> <ol style="list-style-type: none"> 1. Identify and mitigate Wildland-Urban Watch Outs Pg. 11. 2. Utilize Structure Protection Guidelines Pg. 14. 3. Utilize Structure Assessment Checklists Pg. 12. 4. Utilize HazMat IC Checklist Pg. 28. 5. Develop Evacuation Plan. 6. Develop Structure Protection Plan in coordination with local agencies. 	<p align="center">11. Other</p>

Incident Radio Communications Plan		1. Incident Name PIGEON		2. Operational Period 09/10/06 Sunday Day Shift 0700 - 1900	
3. Basic Radio Channel Utilization					
Radio Type/Cache	Channel	Function	Frequency/Tone	Assignment	Remarks
NIFC	1	COMMAND REPEATER	RX 166.2750N TX 169.1125N	ALL DIVISIONS	C-26 (LINKED) Hayfork-Bally Pk
NIFC	2	COMMAND REPEATER	RX 173.0375N TX 167.3250N	ALL DIVISIONS	C-12 (LINKED) Pony Mtn
NIFC	3	AIR/GROUND	RX 164.8500N TX 164.8500N	SPECIAL OPERATIONS	SPECIAL OPS ONLY
NIFC	4	COMMAND REPEATER	RX 166.6125 TX 168.4000N	ALL DIVISIONS	C-4 (LINKED) Cecil Lake
NIFC	5	TAC 3	RX 168.6000N TX 168.6000N	STRUCTURE BRANCH	
NIFC	6	TAC 4 BLM	RX 164.1375N TX 164.1375N	DIVS BB, XX	
NIFC	7	TAC 5 BLM	RX 166.7250N TX 166.7250N	DIVS MM, WW	
NIFC	8	TAC 6 BLM	RX 166.7750N TX 166.7750N	BR IX DIVS YY, CC, EE	
NIFC	9	COMMAND REPEATER	RX 165.0000N TX 167.9875N	ALL DIVISIONS	C-24 (LINKED) Weaver-Bally Pk
NIFC	10	TAC 1	RX 168.0500N TX 168.0500N	DIVS AA/ZZ, N	
NIFC	11		RX TX	UNASSIGNED	
NIFC	12	COMMAND REPEATER	RX 165.4000N TX 168.4250N	ALL DIVISIONS	C-23 (LINKED) Fawn Butte
NIFC	13	AIR/GROUND	RX 164.0000N TX 164.0000N	AIR/GROUND	
NIFC	14	AIR GUARD	RX 168.6250N TX 168.6250N Tone 110.9	AVIATION CONTACT	EMERGENCY USE ONLY
4. Prepared by (Communications Unit) BARRY MATHIAS (COML)				5. Date Prepared 09/09/06	6. Time Prepared 0940

MEDICAL PLAN	1. INCIDENT NAME Bar Complex	2. DATE PREPARED 09-09-06	3. TIME PREPARED 2130 hrs	4. OPERATIONAL PERIOD 09-10-06 Day Shift 0700 to 1900 Hours				
5. INCIDENT MEDICAL AID STATIONS								
MEDICAL AID STATIONS	LOCATION			PARAMEDICS				
				YES	NO			
Junction City Base	Base Camp - Frontline Trailer			XX				
Helena Staging "TRINITY 308" ALS AMB	In Div as directed by DIVS and Safety Officer			XX				
Branch VII	In Div as directed by DIVS and Safety Officer			XX				
Branch VIII	In Div as directed by DIVS and Safety Officer			XX				
6. TRANSPORTATION								
A. AMBULANCE SERVICES								
NAME	ADDRESS	PHONE	PARAMEDICS					
			YES	NO				
Trinity County Life Support, 301, 302	250 Main St. Weaverville Use 911	530 623 2500	XX					
Trinity County Sheriff / Air Ambulance	Weaverville Dispatch	530 623 8127	XX					
Hoopa Ambulance Service	Willow Creek & Hoopa	530 625 4180	XX					
Siskyou County Emergency System	Siskyou County	530 842 3515	XX					
NAME	ADDRESS	TRAVEL TIME		PHONE	HELIPAD		BURN CENTER	
		AIR	GRND		YES	NO	YES	NO
Mercy Reg. Med. Cent.	2175 Rosaline Ave, Redding Lat. 40 43.20 Long. 122 23.60	25min	60min	530 225 7201	XX			XX
Shasta Reg Med Center	1100 Butte St, Redding, CA Lat. 40 35.09 Long. 122 23.26	25min	60min	530 244 5353	XX			XX
Mt Community Med Serv	410 N Taylor, Weaverville Lat. 40 44.31 Long. 122 56.39	5 min	15min	530 623 5541	XX			XX
UCD Medical Center	2315 Stockton Blvd, Sac. Lat. 3 833.30 Long. 121 27.30	1.5hr	3.5hr	916 734 3844 & 0203	XX		XX	
8. MEDICAL EMERGENCY PROCEDURES								
<p>(1) Provide initial medical care and assessment with resources on scene and notify Division Supervisor.</p> <p>(2) The Paramedic or EMT on scene shall determine if the injury can be handled on site with available resources.</p> <p>(3) Communication Unit shall request "Medical Emergency" "hold all radio traffic to emergency only", until Incident is cleared.</p> <p>(4) Use the term "Stable" or "Unstable" based on, stable ABC, vital signs, level of consciousness and extent of injury.</p> <p>(5) For serious and life-threatening injuries, "Unstable", the DIVS shall contact the Communication Unit/Medical Unit Leader. The DIVS shall advise the nature of injury and the location of the incident request the appropriate additional medical response equipment and or transport (AIR or Grn) and provide the best location to move patient.</p> <p>(6) The Communication Unit will notify the Medical Unit Leader, Safety Officer, Logs, Ops. and IC. and shall request all resources to limit radio traffic on the command frequency to "emergency only" as long as necessary to mitigate the incident.</p> <p>(7) The DIVS/MEDL shall coordinate the incident and direct necessary actions. Com. Unit shall end the emergency radio traffic to normal operations at the conclusion of the incident.</p>								
<ul style="list-style-type: none"> Trinity Sheriff's Dept. will dispatch any requested Air/Ground Ambulances including CHP (H 14) and or Coast Guard Rescue @ 530 623 8127 Inversion contingency, hike patient to out, ambulance will meet at designated location for pick up. Klamath Dispatch , at direction of DIVS, #'s Bus 1-530-841-4600, Emergency 1-530-842-3515 Add 2 hours to all ground ambulance transportations from Denny Spike Camp. Add 10 minutes to all air ambulance transportations from Denny Spike Camp. 								
ICS 206 8-78	9. PREPARED BY (MEDICAL UNIT LEADER) Jerry Heinzl, MEDL			10. REVIEWED BY (SAFETY OFFICER) , SOF				