



*Bar Complex
Incident Action Plan
9/9-10/2006
Night Operational Period
1900-0700*

HAZARD TREE SAFETY

Environmental conditions that increase snag hazards:

- **Strong Winds**
- **Night Operations**
- **Steep Slopes**
- **Diseased or bug kill areas**

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

HARD HATS ON AT ALL TIMES FOR SAFETY

**CIIMT1
SHASTA TRINITY NATIONAL FOREST**

INCIDENT OBJECTIVES, VISION & STRATEGY	1. Incident Name Bar Complex	2. Date 09/07/2006	3. Time 1200
4. Operational Period Night Operations 1900-0700 Thursday/Friday 09/07-08/06			
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 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 Bake/Oven Fire: a. North of Norway Gulch; b. East of New River/Slide Creek and Trinity Alps Wilderness Boundary; c. South of Slide Creek, Mary Blaine Meadow and Salmon Mountains; d. West of North Fork Trinity River. 2. Keep the Pigeon Fire: a. North of the Trinity River; b. South of Waldorf Trail; c. East of Big French Road [5N20]; d. West of Hobo Gulch Road. 3. Provide initial attack response within the TFR's 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 and Big Flat from the Pigeon Fire. 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 Pigeon Fire. Priority to hold the fire north of Hwy 299. 4. Fourth priority will be to continue direct and indirect fire suppression tactics where practicable, with the intent of containing the Bake/Oven Fire.			
8. Attachments (mark if attached)			
<input checked="" type="checkbox"/> Organization List - ICS 203 <input checked="" type="checkbox"/> Fire Weather Forecast <input type="checkbox"/> Fire Behavior <input checked="" type="checkbox"/> Div. Assignment Lists - ICS 204 <input 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 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)		9. Operations Section	
2. Date 09/09/06		3. Time 1400	Ops Chief SCOTT BROCKMAN / GEOFF WILFORD
4. Operational Period SEPTEMBER 9-10, 2006 (1900 -0700) NIGHT OPS		Planning Ops RANGER DORN (M)	
Position	Name	a. Branch II-V BAKE OVEN	
5. Incident Commander and Staff		Branch Director	
Incident Commander	DON FESER	Deputy	
Deputy	DAN KLEINMAN	Division/Group	ALL UNSTAFFED
Safety Officer	J. BOYD / L. SZCZEPANIK / K. DOUGLAS (T)	b. Branch VI-VIII PIGEON	
Information Officer	C. DICKSON / M. CLACK / T. EFIRD	Branch Director	RON BOLLIER
Liaison Officer	LARRY MCLEAN	Deputy	
6. Agency Representative		Division/Group	
SHF Line Officer	JOYCE ANDERSEN / MARYELLEN GRIGSBY	Division/Group	ALL
PG&E Supervisor	HERB SAUNDERS	Division/Group	
BLM	WALTER HERZOG	c. Branch	
CHP	MIKE SHERMAN	Branch Director	
Trinity Co. Sheriff	DAVE LAFFRANCHINI	Deputy	
CDF Agency Rep	MARK KENDALL	Division/Group	
OES Agency Rep	DAN TINNEL	Division/Group	
CDC Agency Rep	BRYAN EVANS	d. Branch	
7. Planning Section		Branch Director	
Chief	GARY MONTGOMERY	Deputy	
Deputy	GORDON MARTIN (T)	Division/Group	
Resources Unit	M. FOUNTAIN / C. NEILL / J. ROBERTS (T)	Division/Group	
Situation Unit	T. EDWARDS / K. PARK (T) / C. GALVIN	Division/Group	
FBAN		e. Branch	
IMET	JEFF TONKIN	Branch Director	
Demobilization Unit	ARTURO MOTA / AL YANAGISAWA (T)	Deputy	
Documentation Unit	REX CRABTREE (T)	Division/Group	
Training Specialist	REX CRABTREE / BILL REYNOLDS (T)	Division/Group	
CTSP	JODY LANE / ROBERT RAINWATER	Division/Group	
GIST	ALFIE BLANCH / RICH STRAZZO	Division/Group	
Resource Advisor	LOREN EVEREST / MIKE MITCHELL	Division/Group	
8. Logistics Section		f. Air Operations Branch	
Chief	DAN TURNER	Air Operations Branch Director	KENT HASKINS
Deputy	JIM HOGG	Air Attack Supervisor	RUSS GRIPP / DENNIS KNIGHT
Supply	DENNIS BOUSLAUGH	Air Support Supervisor	
Ground Support Unit	DAVE TRUSSELL	Helibase Manager	CANDY RAMOS
Communications Unit	BARRY MATHIAS / KODY KERWIN	Air Tanker Coordinator	
Medical Unit	JERRY HEINZEL	10. Finance Section	
Facilities	GORDON COE / TIM GARDNER	Chief	LAURIE BECK
Food Unit	RICKY WASHINGTON / DAN BUTTERFIELD	Deputy	ROBBIN EKMAN (M)
Security Unit	PAT SWANSON	Time Unit	THERESA RENIFF / TAUNA CLAUSEN
		Procurement Unit	PAULETTE GORDON
		Compensation/Claims Unit	BRIAN KONNERSMAN
		Cost Unit	JOAN DISNEY
		Prepared by (Resource Unit Leader) CHRISTIE NEILL, MELODY FOUNTAIN	

Fire Weather Forecast

FORECAST NO: 12 - N

NAME OF FIRE: PIGEON FIRE

PREDICTION FOR: Saturday Night Shift

UNIT: Shasta – Trinity NF

SHIFT DATE: September 9th 2006

TIME AND DATE

SIGNED: Jeff Tonkin

Incident Meteorologist

FORECAST ISSUED: 1200 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 light down slope / down canyon winds during the late night and early morning hours. Relative humidity recovery will be fair along drainage bottoms but poor along upper slopes and ridge tops.

FORECAST FOR TONIGHT:

WEATHER: Clear but smokey.

TEMPERATURES:

At 1900 PDT: 64 – 69 degrees. Temperatures then fall to 46 – 50 toward sunrise.

HUMIDITY:

At 1900 PDT: 38 - 43%. RH Values rising to near 65% by sunrise...except along ridge tops where rh recovery will rise to near 45%.

20 FT WINDS:

Upper Slopes/Ridge Tops: West...Southwest 3 to 6 mph...Becoming East Southeast 3 to 5 mph after midnight.

Lower Slopes / Drainage: Upslope / Upcanyon 3 to 5 mph until 2000 then down slope Down canyon 1 to 2 mph.

CWR: 0%.

LAL : 1.

STABILITY/INVERSION: Weak to moderate morning inversions forming along lower valleys and in canyons around sunrise.

OUTLOOK FOR NEXT SHIFT (Sunday Night): 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	85	24	4 G 11	SW
Limestone	85	19	8 G 14	SW

FIRE BEHAVIOR FORECAST

FORECAST NUMBER #43	TYPE OF FIRE Wildland Fire
FIRE NAME Bar Complex	OPERATIONAL PERIOD 9/9/06
DATE ISSUED 9/8/06	TIME ISSUED 2130
UNIT Fire Behavior	SIGNED <i>Gary Montgomery/Dan Felix</i>

WEATHER SUMMARY:

Terrain winds can be the dominate factor in specific places in this area.

*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 Creek 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 12:00 hours, fire behavior will pick up considerably with the potential for short and long range spotting.

SPECIFIC:

Bake Oven Fire – This fire will continue its progression generally to the north and northeast in Branch III and V. 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. Aligned slopes in good air (no inversion) will sustain runs on the average of 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 and post lookouts for additional spot fires southeast and northwest of Backbone Ridge. In addition, especially 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 12:00 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.

Rates of spread on aligned slopes at the lower elevations can be expected to be a bit higher than on the Bake Oven, 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

**BAR COMPLEX
SAFETY MESSAGE
NIGHT SHIFT
9/9/06**

FIRELINE

Beware of the fire making runs in unburned fuel in areas of the burn out.

Post lookouts at all times during the night.

Keep heads up-you can hear things falling and rolling, but you can't see them. LOOKOUTS!! LOOKOUTS!!

Hard Hats have a purpose use them at all times while on the fire or the roads.

Keep your flashers on while parked on any roads.

FIRECAMP

Flu symptoms are starting to show up, make sure your crews get checked out at soon as any symptoms show up.

Follow 2 to 1 at all times. If you get in late, make sure your Division knows that your crew will be starting late.

Jennifer Boyd SOF1, Linda Szczepaniak SOF2

Incident Radio Communications Plan		1. Incident Name PIGEON		2. Operational Period 09/09/06 Saturday Night Shift 1900 - 0700	
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		RX TX	UNASSIGNED	
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, J	
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 ** NIGHT **	** NIGHT **
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 1021

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>

MEDICAL PLAN	1. INCIDENT NAME Bar Complex	2. DATE PREPARED 09-09-06	3. TIME PREPARED 1100 hrs	4. OPERATIONAL PERIOD 09-09-06 Night Shift 1900 to 0700 Hours				
	5. INCIDENT MEDICAL AID STATIONS							
MEDICAL AID STATIONS	LOCATION			PARAMEDICS		YES	NO	
Junction City Base	Base Camp - Frontline Trailer			XX				
Helena Staging	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				
Hoopaa Ambulance Service	Willow Creek & Hoopaa		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				

