

# FLAT Fire

## Incident Action Plan

JULY 13, 2012

0600 to 2200

### TRANSITION DAY

- Clone to the new Communications Plan
- Brief on Your Assignment and Provide Updates to Your Supervisor

### DIFFICULT TERRAIN and CONDITIONS FOR PROVIDING EMS

- Review Medical Plan and Communications Protocol
- Identify Medivac Sites and Provide Info to DIVS
- Limit High Risk Activities

### HAZARD TREES

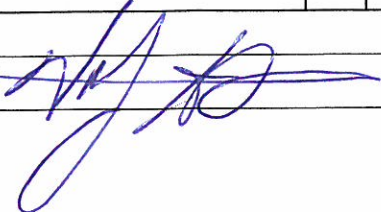
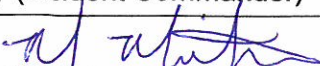
- Identify, Flag, Avoid and Communicate to Others
- Mitigate IF Safe. Use Qualified Fallers

KEEP A HIGH LEVEL OF  
SITUATIONAL AWARENESS

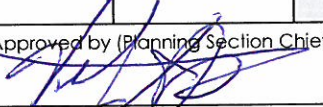
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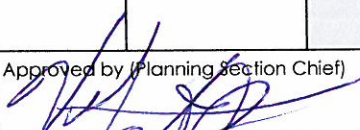
SHASTA-TRINITY NATIONAL FOREST


Northern California Incident Management Team 1


<b>INCIDENT OBJECTIVES</b>	1. Incident Name	2. Date Prepared	3. Time Prepared
ICS 202	<b>Flat Incident</b>	<b>07/12/2012</b>	<b>2100</b>
4. Operational Period			
<b>07/13/2012 Day Shift 0600 - 2200</b>			
5. General Control Objectives for the Incident (include alternatives)			
<p><b>Control Objectives</b></p> <ol style="list-style-type: none"> <li>1. Provide for firefighter and public safety by utilizing the risk management process.</li> <li>2. Protect private property and infrastructure within or adjacent to the fire area.</li> <li>3. Protect the Trinity River Wild and Scenic River Corridor.</li> <li>4. Keep the fire: <ul style="list-style-type: none"> <li>- North and East of Highway 299 and Hayden Flat,</li> <li>- West of French Creek and Barnum Ridge,</li> <li>- South of Ironside L.O., 5N18, and 5N13 Roads.</li> </ul> </li> </ol> <p><b>Management Objectives</b></p> <ol style="list-style-type: none"> <li>1. Keep fire suppression expenditures commensurate with resource values at risk.</li> </ol>			
6. Weather Forecast for Period			
See attached spot weather forecast			
7. General Safety Message			
8. Attachments			
x		Organization List-ICS 203	x Air Ops Plan ICS-220 x Fire Weather Forecast
x		Division Assignment List-ICS 204	x Incident Map x Fire Behavior Forecast
x		Communications Plan-ICS 205	Traffic Plan Unit Log ICS-214
x		Medical Plan-ICS 206	x Safety Message Vicinity Map
9. Prepared by		10. Approved by (Incident Commander)	
Valery Lambeth 		Paul Whitcome 	

ORGANIZATION ASSIGNMENT LIST			
1. Incident Name <b>Flat Fire</b>		Facilities Unit Jeff Huhtala, Patrick Howard, Frank DelCarlo	
2. Date <b>July 12, 2012</b>	3. Time 2100	Ground Support Unit Ken Kumpe	
4. Operational Period Day Shift July 13, 2012, 0600 - 2200		Communications Unit Rick Cartoscelli, Phil Shafer,	
Position	Name	Medical Unit Josh Ramey	
5. Incident Commander and Staff		Receiving & Distribution Fred Johnson	
Incident Commander	Paul Whitcome	Security Unit	
Deputy	Mike Minton	Food Unit Jay Westlake	
Safety Officer	Rich Rubin, Jeff Barnhart, Dave Kirste, Mike Frederick (t)	9. Operations Section	
Information Officer	Jim Mackenson, Phyllis Swanson	Chief	Alec Lane (D), Steve Burns (N)
Liaison Officer	Kent Swartzlander	Planning Ops	Robin Wills
6. Agency Representative		a. Branch 1 - Division/Groups	
Agency		Branch Director	
Agency Admin.	Tina Lynsky	Division/Group A	Mark Vardanega, Mike Klimek(t)
Resource Advisors	Eric Wiseman, Mark Arnold	Division/Group B	Randy Jennings, Don Fregulia(t)
Sheriff Liaison	Ron Whitman	Division/Group Z	Rico Gonzalez
Calif. OES Rep.	Marvin Howard	Division/Group Structure	TBA, Mike Hughes(t)
Cal Fire Rep.	Andy Reiling	Division/Group	
Trinity Co OES	Larry Masterman	b. Branch 2 - Division/Groups	
Trinity County Sup.	Debra Chapman	Branch Director	
Cal Trans Rep.	Joe Baltazar	Deputy	
7. Planning Section		Division/Group	
Chief	Valery Lambeth	Division/Group	
Deputy	Dave Sinclear	Division/Group	
Resources Unit	Gary Deboi, Louann Charbonnier, Melissa Hennessey, Chris Wikeen (t)	Division/Group	
Situation Unit	Walter Herzog(t)	Division/Group	
Documentation Unit		Division/Group	
Demobilization Unit		Division/Group	
Human Resources		Division/Group	
Training		c. Air Operations Branch	
CTSP	George Steel	Air Operations Branch Director	Curtis Coots
GIS	Kyle Felker	Air Attack Supervisor	
FBAN	Jessica Wade, John Wood (t)	Air Support Supervisor	Ken Crawford
IMET	Jeff Tonkin	Helicopter Coordinator	
		Air Tanker Coordinator	
8. Logistics Section		10. Finance Section	
Chief	Paul Montgomery	Chief	Joanne Hereford, Rachel Corkill (t)
Deputy	Brett Shurr	Time Unit	
Supply Unit / Ordering	Richard Sheets (t)	Procurement Unit	
		Compensation/Claims Unit	
		Equipment Time	Nicole Savage (t)
		Prepared by (Resource Unit Leader) Gary R. Deboi	

<b>DIVISION ASSIGNMENT LIST</b>		1. Branch		2. Division/Group <b>A</b>				
3. Incident Name Flat Fire		4. Operational Period Date: July 13, 2012      Time: 0600 - 2200						
5. Operations Personnel								
Operations Chief		Alec Lane		Division/Group Supervisor		Mark Vardanega / Mike Klimek (t)		
Planning Ops		Robin Wills		Air Attack Supervisor No.				
6. Resources Assigned this Period								
Strike Team/Task Force/ Resource Designator	Leader		Number Persons	Trans. Needed	Drop Off PT./Time		Pick Up PT./Time	
Iron Mountain IHC	David Halcomb		19	N	0600		2000	
Firestorm #1 T2IA	Joshua Bradley / James Ramirez (t)		19	N	0600		2000	
Dozer Pro Dump				N	0600		2000	
7. Control Operations Complete handline from Big Mountain Road to Big French Creek Road. Prepare Big Mountain Road for burn out operations.								
Special Instructions:								
Function	Frequency	System	Channel	Function	Frequency	System	Channel	
Command Repeat	RX 168.7000N TX 170.9750N	Command 1	1 110.9	Backup Command	RX TX			
Tactical Div/Group	RX 168.0500N TX 168.0500N	NIFC T-1	3	Air to Ground	RX 167.6000N TX 167.6000N	Primary	13	
Prepared by (Resource Unit Leader) Gary R. Deboi & Chris Wikeen (t)		Approved by (Planning Section Chief) 			Date July 12, 2012		Time 1930	

<b>DIVISION ASSIGNMENT LIST</b>		1. Branch		2. Division/Group <b>B</b>			
3. Incident Name Flat Fire		4. Operational Period Date: July 13, 2012      Time: 0600 - 2200					
5. Operations Personnel							
Operations Chief		Alec Lane		Division/Group Supervisor		Randy Jennings / Don Fregulia (†)	
Planning Ops		Robin Wills		Air Attack Supervisor No.			
6. Resources Assigned this Period							
Strike Team/Task Force/ Resource Designator	Leader		Number Persons	Trans. Needed	Drop Off PT./Time		Pick Up PT./Time
Smith River IHC	Glen Tingley			N	0600		2000
El Cariso IHC				N	0600		2000
Mill Creek IHC				N	0600		2000
Dozer Caldwell Logging	Greg Caldwell			N	0600		2000
7. Control Operations Scout Opportunities for indirect line construction.							
Special Instructions:							
Function	Frequency	System	Channel	Function	Frequency	System	Channel
Command Repeat	RX 168.7000N TX 170.9750N	Command 1 110.9	1	Backup Command	RX TX		
Tactical Div/Group	RX 168.6000N TX 168.6000N	NIFC T-3	4	Air to Ground	RX 167.6000N TX 167.6000N	Primary	13
Prepared by (Resource Unit Leader) Gary R. Deboi & Chris Wikeen (†)		Approved by (Planning Section Chief) 		Date July 12, 2012		Time 1930	

<b>DIVISION ASSIGNMENT LIST</b>		1. Branch		2. Division/Group <b>Z</b>				
3. Incident Name Flat Fire		4. Operational Period Date: July 13, 2012      Time: 0600 - 2200						
5. Operations Personnel								
Operations Chief		Alec Lane		Division/Group Supervisor		Rico Gonzalez		
Planning Ops		Robin Wills		Air Attack Supervisor No.				
6. Resources Assigned this Period								
Strike Team/Task Force/ Resource Designator	Leader		Number Persons	Trans. Needed	Drop Off PT./Time		Pick Up PT./Time	
Fulton IHC	Ron Bollier		18	N	0600		2000	
Firestorm #3 T2IA	Chris Sprague			N	0600		2000	
Dozer SHF #29				N	0600		2000	
7. Control Operations Prepare road and handline for firing operations. Improve safety zone N 40 47.153, W 123 19.068								
Special Instructions:								
Function	Frequency	System	Channel	Function	Frequency	System	Channel	
Command Repeat	RX 168.7000N TX 170.9750N	Command 1 110.9	1	Backup Command	RX TX			
Tactical Div/Group	RX 166.7750N TX 166.7750N	NIFC T-6	6	Air to Ground	RX 167.6000N TX 167.6000N	Primary	13	
Prepared by (Resource Unit Leader) Gary R. Deboi & Chris Wikeen (t)		Approved by (Planning Section Chief) 			Date July 12, 2012		Time 1930	

<b>DIVISION ASSIGNMENT LIST</b>			1. Branch		2. Division/Group <b>Structure</b>			
3. Incident Name Flat Fire			4. Operational Period Date: July 13, 2012      Time: 0600 - 2200					
5. Operations Personnel								
Operations Chief		Alec Lane		Division/Group Supervisor		TBA / Mike Hughes (t)		
Planning Ops		Robin Wills		Air Attack Supervisor No.				
6. Resources Assigned this Period								
Strike Team/Task Force/ Resource Designator		Leader		Number Persons	Trans. Needed	Drop Off PT./Time	Pick Up PT./Time	
3150C					N	0600	2000	
3801A					N	0600	2000	
WT Ladderback (E-30)					N	0600	2000	
7. Control Operations Provide structure protection for Del Loma RV, Big Mountain Road, Waldorf Ranch and the Brookings Ranch.								
Special Instructions:								
Function	Frequency	System	Channel	Function	Frequency	System	Channel	
Command Repeat	RX 168.7000N TX 170.9750N	Command 1 110.9	1	Backup Command	RX TX			
Tactical Div/Group	RX 168.2500N TX 168.2500N	NIFC T-7	7	Air to Ground	RX 167.6000N TX 167.6000N	Primary	13	
Prepared by (Resource Unit Leader) Gary R. Deboi & Chris Wikeen (t)			Approved by (Planning Section Chief) 			Date July 12, 2012		Time 1930

## Weather Forecast for Friday, July 13, 2012

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SPOT FORECAST FOR FLAT FIRE...USFS  
NATIONAL WEATHER SERVICE EUREKA CA  
Issued at 548 PM PDT THU JUL 12 2012

FORECAST IS BASED ON REQUEST TIME OF 1734 PDT ON JULY 12.  
IF CONDITIONS BECOME UNREPRESENTATIVE...CONTACT THE NATIONAL WEATHER  
SERVICE IN EUREKA AT (707) 443-6484.

.DISCUSSION...

TEMPERATURES WILL NOT BE QUITE AS HOT ACROSS THE INTERIOR AS WE  
HEAD INTO THE WEEKEND WITH SLIGHTLY LESS UNSTABLE CONDITIONS.  
WINDS WILL CONTINUE TO BE LIGHT OVERALL AND MAINLY TERRAIN-DRIVEN  
AWAY FROM THE IMMEDIATE COAST. THE MARINE LAYER WILL DEEPEN A BIT  
DURING THE NEXT COUPLE OF DAYS WITH CLOUDS AND FOG PENETRATING A  
BIT FURTHER INLAND. OTHERWISE INLAND AREAS WILL REMAIN SUNNY AND  
DRY. RH RECOVERIES WILL BE A BIT BETTER THAN THE PAST COUPLE OF  
DAYS WITH A CONTINUED GRADUAL INCREASE IN MOISTURE BY THE MIDDLE  
OF NEXT WEEK. STILL NO WETTING RAINFALL IS EXPECTED ANY TIME SOON.

.FRIDAY...

SKY/WEATHER.....SUNNY. AREAS OF SMOKE.  
MAX TEMPERATURE.....AROUND 96.  
MIN HUMIDITY.....20-25 PERCENT.  
EYE LEVEL WINDS.....LIGHT WINDS BECOMING SOUTHEAST 3 TO 6 MPH IN THE  
AFTERNOON.  
SURROUNDING RIDGE...SOUTH WINDS 10 MPH.  
MIXING HEIGHT.....INCREASING TO 5000 FT AGL BY LATE MORNING.  
MIXING WINDS.....SOUTHEAST AROUND 4 MPH.  
WIND (20 FT).....LIGHT WINDS BECOMING SOUTHEAST 4 TO 7 MPH IN THE  
AFTERNOON.



## FIRE BEHAVIOR FORECAST

FORECAST NUMBER: 01	TYPE OF FIRE: Wildfire
FIRE NAME: FLAT Fire	OPERATIONAL PERIOD: 07/13/12 0600-2200
DATE ISSUED: 7/12/12	TIME ISSUED: 2030
UNIT: Shasta-Trinity NF, Big Bar RD	SIGNED: Jessica Wade (FBAN), John Wood (FBAN-t)

### WEATHER SUMMARY

~See Attached Spot Weather Forecast ~

**Temp:** Around 96

**Min RH:** 20% to 25%.

**Wind:** Eye Level = light becoming 3 – 6 mph from the SE in the afternoon.

### FIRE BEHAVIOR

#### GENERAL:

- Light timber litter will see head fire spread rates near 20 chains/hour with approximately 4ft flame lengths
- Grass rates of spread could reach 50-60 ch/hr with flame lengths near 7-8 ft.
- Backing/Flanking rates of spread – approaching 1 chain/hr with 1' flame lengths can be expected
- Spotting Distance: up to a tenth of a mile

>> ERC is forecast at 68. The threshold on the forest for large (5+ ac) fire growth is 52.

>> BI is forecast at 62 which is above the 90<sup>th</sup> percentile.

>> Fine Fuel Moisture for today shaded is 6%

>> Probability of ignition is 60%

>> Live fuel moisture on 7/7/12 in the Manzanita was at 140%

#### SPECIFIC Fire Behavior:

**All Divisions** – Expect to see short uphill runs in the grass and needle litter. Some torching could occur, generally single-tree. Upper slopes may see an earlier increase in fire behavior as the sun heats the fuels on the slope and inversion lifts. Fire behavior in the grass will be much more active than in the oak and conifer litter. Live fuel moistures in the brush are acting as a heat sink to help reduce fire spread. With steep slopes, rollout is a high potential.

#### AIR OPERATIONS

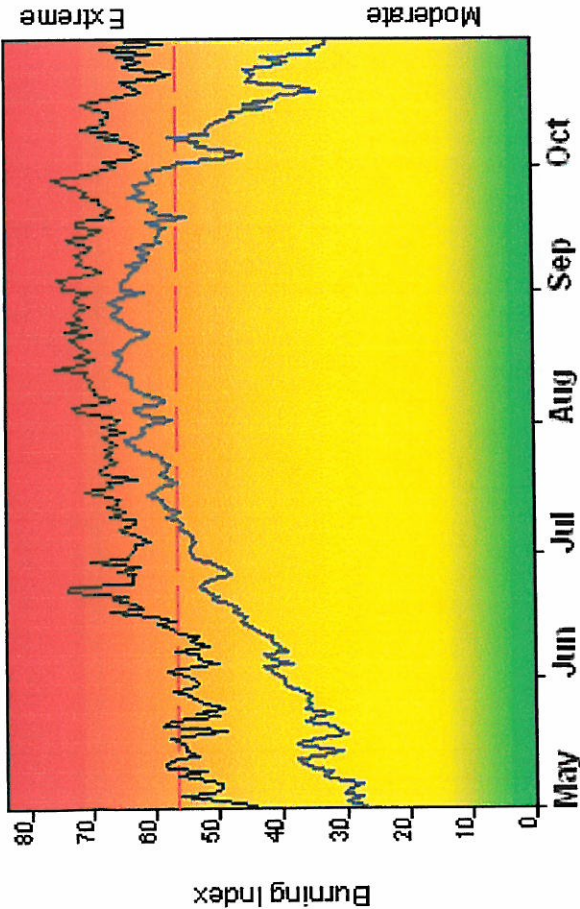
Clear skies but poor visibility because of smoke until noon today.

#### SAFETY

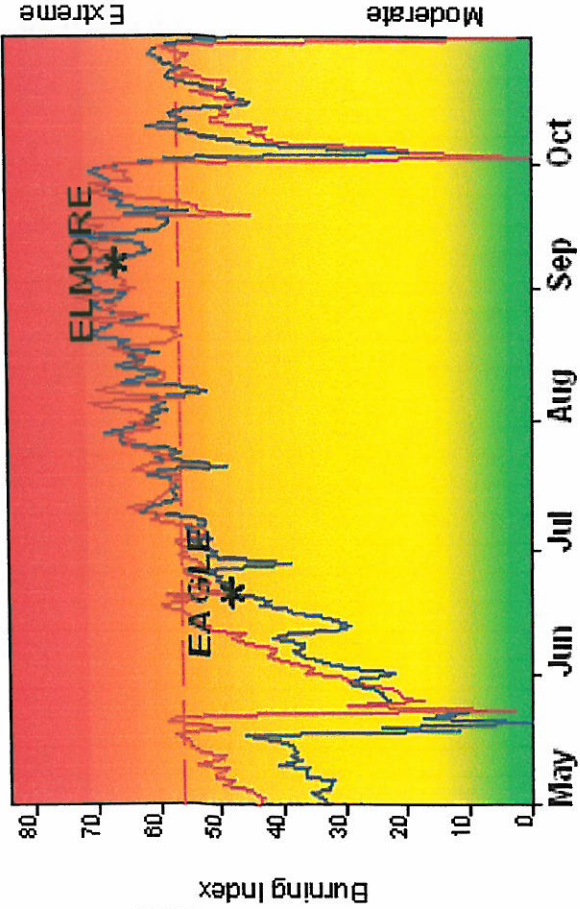
There are a lot of unburned pockets of fuel within the burn area. Be sure to keep an eye out for these pockets for flare-ups and possible spotting. Plan your escape routes with the unburned fuel in mind.

## FIRE DANGER -- Shasta-Trinity National Forest

Maximum, Average, and 52th Percentile, based on 10 years data



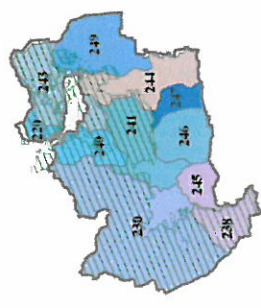
## Years to Remember: 2006 2008



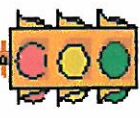
Fuel Model: G - Short-Needle (Heavy Dead)

## Fire Danger Area:

- Fire Danger Rating Areas: 230, 238, 240, 241, 243
- Meets NWCG 10x Station Standards



## Fire Danger Interpretation:



- EXTRME** -- Use extreme caution
- (Caution)** -- Watch for change
- Moderate** -- Lower Potential, but always be aware

Maximum -- Highest Burning Index by day for 2000 - 2009

Average -- shows peak fire season over 10 years (1839 observations)  
 52th Percentile -- Only 48% of the 1839 days from 2000 - 2009 had an Burning Index above 56

## Local Thresholds - Watch out: Combinations

- of any of these factors can greatly increase fire behavior:
- 20' Wind Speed over 3 mph, RH less than 21%, Temperature over 73, Energy Release Component over 72

## Remember what Fire Danger tells you:

- Burning Index gives day-to-day fluctuations calculated from 2 pm temperature, humidity, wind, daily temperature & rh ranges, and precip duration.
- Wind is part of BI calculation.
- Watch local conditions and variations across the landscape -- Fuel, Weather, Topography.
- Listen to weather forecasts -- especially WIND.

## Past Experience:

Dry lightning July - September produces multiple starts.  
 Large fire growth is common under little or no wind conditions.  
 Ten acre fires can begin with BI's in the mid 30's and become more frequent with BI's of 50 or higher.

RAWS stations used: Mt. Shasta, Round Mtn, Ash Creek, Big Bar, Hayfork, Yolla Bolla, Friend Mtn, Sugarloaf, Pattymocus.

Responsible Agency: Shasta-Trinity National Forest

INCIDENT RADIO COMMUNICATIONS PLAN			Incident Name <b>FLAT CA-SHF-002290</b>			Date/Time Prepared 07/12/12 1600		Operational Period Date/Time DAY SHIFT 07/13/12	
Only frequencies listed on this 205 are authorized for use on this incident.									
Ch #	Function	Channel Name	Assignment	RX Freq N or W	RX Tone	TX Freq N or W	TX Tone	Mode	Remarks
1	CMD 1	CMD 1	ALL DIVISIONS	168.7000N		170.9750N	110.9	A	NIFC C-1 REPEATER
2	CMD 2	CMD 2	INACTIVE AT THIS TIME	169.5375N		164.71250N	110.9	A	NIFC C-8 REPEATER
3	TACTICAL	NIFC T-1	DIVISION A	168.0500N		168.0500N		A	
4	TACTICAL	NIFC T-3	DIVISION B	168.6000N		168.6000N		A	
5	TACTICAL	NIFC T-5	DIVISION C	166.7250N		166.7250N		A	
6	TACTICAL	NIFC T-6	DIVISION Z	166.7750N		166.7750N		A	
7	TACTICAL	NIFC T-7	STRUCTURE GRP	168.2500N		168.2500N		A	
8	CONTINGENCY TAC	FS R5 T-4	AS ASSIGNED BY OPS	166.5500N		166.5500N		A	IF NEEDED ASSIGNED BY OPS
9	FLAT A/G	FLAT A/G	ALL DIVISIONS	168.7375W		168.7375W		A	
10	CALCORD	CALCORD	MED HELO CONTACT	156.0750W		156.0750W		A	
11	SHF FOR RPT	SHF RPT	ALTERNATE CMD	171.5750N		169.1000N		A	SHOULD INCIDENT CMD FAILS
12	SHF LOCAL IA	NIFC T-2	IA OUTSIDE FLAT INCIDENT	168.2000N		168.2000N		A	ZONE 9 IN ICP, 4 OR 5 IN THE FIRE AREA
13	SHF A/G PRI	SHF A/GP	IA ON SHF	167.6000N		167.6000N		A	ASSIGNED BY SHF DISP UPON IA
14	URGENT AIR CONTACT	AIR GUARD	ALL DIVISIONS	168.6250N		168.6250N	110.9	A	USE ONLY FOR URGENT AIRCRAFT IF HAND PROGRAMMING USE TONE 1
15	SHF A/G SEC	SHF A/GS	IA ON SHF	166.8750		168.8750			ASSIGNED BY SHF DISP UPON IA
16	URGENT AIR CONTACT	AIR GUARD	ALL DIVISIONS	168.6250N		168.6250 N	110.9	A	USE ONLY FOR URGENT AIRCRAFT IF HAND PROGRAMMING USE TONE 1

Incident Location  
Lund, NV LAT N 40 47' 00" LONG W 123 20' 05"

5. Prepared by  
*Phil Shafer*  
Rick Cartoscelli/Phil Shafer, COML NorCal IMT 1

# AIR OPERATIONS SUMMARY PREPARED BY: Curtis Coots

PREPARED DATE/TIME: 7/12/12 18:00

1. INCIDENT NAME: Flat	2. OPERATIONAL PERIOD DATE: 7/13/12	START TIME: 0600	END TIME: 2200	SUNRISE: 05:18	SUNSET: 20:00
3. REMARKS (Safety Notes, Hazards, Air Operations Special Equipment,, etc.):					
Initial Attack responsibility area consists of the TFR perimeter. Watch for intruder aircraft within TFR. Ensure ground personnel are working with aviation assets when conducting bucket drops. Divisions order all logistical requests through Egan Communications. Divisions order tactical request directly through Air Attack or Helibase.					

4. MEDEVAC A/C: 7BL Internal	5. TFR: Radius: 5 NM Altitude: 8000= MSL Centerpoint: Lat: 40 47.00N Long: 123 21.00W
8. FIXED-WING	# Avail / Type/ Make-Model / FAA N# / Base(s)
Airtankers	TBA
Leadplanes	TBA
Base FAX #:	
ATGS Aircraft	N1385L (A-29) 507 Relief (A-28)
Other	

FAA N#	TY	MAKE/MODEL	BASE	AVAIL	START	REMARKS	FAA N#	TY	MAKE/MODEL	BASE	AVAIL	START	REMARKS
(A-5) 7BL	3	Bell L4	054	0700	0800	Recon/Medivac							
(A-25) 15S	2	UH1HS Limited	054	0700	TBA	Bucket							
(A-26)	2	Bell 212 HP Standard Cat	054	0700	TBA	Bucket							
(A-27) 4TH	1	Bell 214 Limited	054	0700	1400	Bucket							
(A-39)	1	Limited Ex Use	054	0700	1000	Bucket							

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 applic) OR INSTRUCTIONS FOR TACTICAL AIRCRAFT	MISSION START	FLY FROM	FLY TO	
Recon	As Needed	0800	Helibase	Fire	
Bucket Support	As Needed	0800	Helibase	Fire	

<b>MEDICAL PLAN</b>	1. Incident Name	2. Date Prepared	3. Time Prepared	4. Operational Period			
	Flat fire	June 12, 2012	1900	July 13, 2012 0600-2200			
<b>5. Incident Medical Aid Station</b>							
Medical Aid Stations		Location	Phone	Paramedics		Yes	No
Front Line Medical (Pending)		Junction City Park area	530-941-5590	X			
<b>6. AIR Transportation</b>							
Name	Location	Phone	Paramedics		Yes	No	
Reach Medivac	Redding	911 or 530-623-8126	RN				
Mercy Air	Redding	911 or 530-623-8126	RN				
CHP (Hoist)	Redding	911 or 530-623-8126	X				
7BL (designated Medivac)	Helibase – Weaverville airport	928-499-9420					X
<b>B. Ground Ambulances</b>							
Name	Location	Dispatch	Paramedics		Yes	No	
Trinity 308 – Incident amb.	Del mar	Flat communications	X				
Trinity County Ambulance	Weaverville	911 or 530-623-8126	X				
Hoopa Ambulance	Willow Creek	911 or 530-625-4180	X				
<b>7. Hospitals</b>							
Name	Address	Travel Time	Phone	Helipad	Burn Center	Yes	No
		Air		Yes	Yes		
		Ground		No	No		
Mercy Medical Level 2 Trauma Center	2175 Rosaline Ave, Redding N 40° 34.29' / W 122° 23.67'	15 min	530 246- 3729	X			X
Shasta Regional	1100 Butte st, Redding	15 min	530-244-5400	X			X
Trinity Hospital	410 N. Taylor st Weaverville Ca N 41°15. 48' / w 122°16.15'		530 623-5541		X		X
UC Davis Burn Center	2315 Stockton Blvd, Sacramento N 38° 33.17' / W 121° 27.05'	2.5 hrs	(916) 734-3636 (916) 734-3790	X		X	
<b>8. Medical Emergency Procedures</b>							
<input type="checkbox"/> Contact Flat communications and declare a medical emergency on Command, advising your location and situation <input type="checkbox"/> The closest Division Supervisor will respond to the location to take control and direct necessary actions <input type="checkbox"/> The closest Safety Officer and EMTs will respond to the location to assist with patient care <input type="checkbox"/> Use the attached Injury/Incident Communications Worksheet to coordinate appropriate care and transportation <input type="checkbox"/> Secure the scene area and identify witnesses for later investigation – Keep a log							
Prepared by (Medical Unit Leader)				10. Reviewed by (Safety Officer)			
Josh Ramey MEDL Ph: 530-277-1213				Rich Rubin SOF 2			

# Injury or Incident Communications Protocol

Location \_\_\_\_\_

Situation \_\_\_\_\_

Any special equipment required \_\_\_\_\_

Number of injured \_\_\_\_\_ Type of injuries \_\_\_\_\_

Immediate transport required: Yes No Best method: Ambulance Helicopter Vehicle

Closest pick up point (DP, Helispot) \_\_\_\_\_

LOC \_\_\_\_\_ Resp. \_\_\_\_\_ Pulse \_\_\_\_\_ BP \_\_\_\_\_ Weight \_\_\_\_\_

Injury \_\_\_\_\_

Medical History/Allergies \_\_\_\_\_

## Air Transportation Triage

## Contact EMS Helicopters on Calcord (CH10)

	Air Ambulance	Transport to Med Unit
<b>Mechanism</b>	Struck by tree Fall of 10' or more Snake bite with pain and swelling Insect bite with shortness of breath Signs of heat stroke (hot, dry, disoriented) Burn Injury greater than 1% body area	Minor dehydration Cut or laceration with bleeding controlled Minor bites and Stings Minor burns
<b>Area Injured</b>	Significant Blunt or Penetrating Trauma to Head, Neck, Chest, Abdomen or pelvis Any Arm or Leg fracture	Minor blunt trauma Minor penetrating trauma Extremity sprains and strains
<b>Symptoms</b>	Disoriented Chest Pain or Shortness of Breath Weak or absent radial pulse Pale, cold and sweating	Alert and oriented No shortness of breath Good pulses

### Possible Medivac Sites (may need to be cleared or improved)

Flat ICP - N 40°43.69 / W 123°03.39

299 at Little Swede Crk. - N 40°47.51 / W 123°21.02

Del Loma - N 40°46.67 / W 123°19.92

Oregon Mnt. Pass - N 40°44.29 / W 122°59.08

### If air or ground ambulance is DELAYED:

Package and transport patient to rendezvous with Incident Ambulance. Re-route EMS helicopter to rendezvous point as appropriate.

### If Declaring an "Incident within the Incident"

The closest DIVS will respond to manage the incident. They are responsible for giving an accurate size up, ensuring scene safety, setting priorities and initiating an appropriate response.

The closest Safety Officer and Line EMS will respond to the scene to assist the Branch Director or DIVS. Secure site and begin initial investigation when situation is stabilized.

# Iron Complex Incident Risk Analysis (215A)

Div.	LCES Analysis of Tactical Applications (Hazardous Actions or Conditions)	LCES Mitigations/Warnings/Remedies
All	Communications	New Communication Plan. Clone your Radio. Give and receive communication feedback as to effectiveness. Use Human repeaters where necessary
All	Fires not scouted or sized up. New fire starts/sleepers	Maintain situational awareness. Post lookouts. Keep eyes in the green.
All	Escape Routes to Safety Zones	Identify Trigger Points with Operations and Division Sups and make them known!
All	Steep terrain and Rolling material.	Watch out for rolling material on steep terrain igniting fuels below. Keep eyes in the green. Stay alert and watch your footing. Post lookouts. Have escape routes and make them known.
All	Cliffs	Give yourself room for recovery. Ensure your footing. Stay away if possible.
All	Direct / Downhill line construction	LCES is in place before engaging. Follow Downhill Checklist in IRPG (pg 8)
All	Bees and Snakes	ID EMT personnel on crews. 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. Limit high risk activities. Identify Medivac sites and provide info to you DIVS.
All	Hazard Trees	Identify, Flag, Communicate to adjoining forces, and mitigate if safe to do so. Limit exposure. Use qualified fallers
All	Highway 299 traffic	Entering and exiting ICP and side roads use extreme caution when crossing traffic lanes, or merging onto 299.

Date & Time Prepared: July 12, 2012 @ 1750  
Operational Period: July 13, 2012 from 0600-2200

Prepared By: Richard Rubin, SOF2

**CA-SHF-002290 P5G1YE (0514)**  
**Shasta-Trinity National Forest**  
Northern California Incident Management Team 1





**Today's discussion is from the  
Fireline Safety Category.**

**Scenarios:**  
Scenario 1

[Six Minutes Home Page](#)

## **ON A HILLSIDE WHERE ROLLING MATERIAL CAN IGNITE FUEL BELOW**

When firefighters find themselves in Watchout Situation #13, they must answer the following questions:

- Can you locate/construct a line to prevent material from rolling below? What do you call line that catches rolling material? Describe how you would construct this type of line and what factors you would have to consider (e.g., slope, fuels, etc.)
- Will you get enough warning of rolling material to prevent being hit by it? Who needs to be watching for rolling material? What kinds of warning systems could you establish?
- Can you see where any material that rolls below you goes and what it does? What can happen when material rolls out of the fire and below you out of view? What needs to be done to mitigate this danger?
- Is the area free of large amounts of flashy fuels? Review the Common Denominators of Tragedy Fires.
- Is the area free of chimneys, gullies, and steep slopes? Review the Common Denominators of Tragedy Fires.
- Do you have two escape routes so you can go either way? Talk about where your most likely escape routes and safety zones will be when you are on a hillside where rolling material can ignite fuel below.
- To reduce the risks:
  - Post lookouts.
  - Consider locating line in a defensible position. Talk about steep fires where you have



# SOCIAL MEDIA

Northern California IMT 1 reminds all personal to think before you post those photos and/or videos taken on this incident. Remember that all of our Agencies have policies in place regarding the taking and/or posting of photos or videos on any media site such as Facebook, YouTube, Flickr, etc. Such activities can easily result in serious, unintended consequences.

If you have photos or video that you would like to share, please bring them by the PIO desk located at the ICP