# Incident Action Plan For The

**Elk Complex** 

Night Operational Period
Thursday
July 27, 2007
1800-0600

CA-KNF-003176 P5DP21



California Interagency Incident Management Team 5

		1. Incident Name		2. Date Prepared	3. Time Prepared
	Incident Objectives	EL	K COMPLEX	07/26/07	1040
4. Ope	rational Period 07/27/07	7 Friday Ni	ght Shift 1800 - 0600		
	eral Control Objectives for the incident	(include alterna	tives)		
SAFE	Safety is a CORE VALUE and is to be	integrated into	all incident activities.		
CON	TROL OBJECTIVES Keep fires: West of Grider Ridge East of Siskiyou Wilderness South of Stater Butte North of Pigeons Roost				
	ect private property. ze a direct strategy as weather and opp	portunities exist;	Prepare to implement Co	ontingency Plans	as needed.
MAN	AGEMENT OBJECTIVES: Provide for positive Community and T Mitigate impacts to cultural and natura Mitigate impacts to local economy.				
6. Wea	ther Forecast for Period				
See att	ached spot weather forecast.				
7. Gene	eral Safety Message				
and ide	vare of the surrounding environment. On tify escapes routes. Other hazards to conditions.				
8.	Atta	chments (mark i	f attached)		
V	Organization List - ICS 203	] Incident Map	<b>2</b>	Fire Behavior For	recast
<b>/</b>	Div. Assignment Lists - ICS 204	Safety Messa	age 🗹	Human Resource	e Message
$\checkmark$	Communications Plan - ICS205	Traffic Plan	<b>2</b>	Phone List	
<b>✓</b>	Medical Plan - ICS 206	Camp Map	<b>&gt;</b>	Unit Log	
Z	Air Operations Summary - ICS 220 🗹	Fire Weather	Forecast		
-	pared by (Planning Section Chief)		10. Approved by (Incident Co	mmander)	

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ORGANIZATIO	ON ASSIGNMENT LIST	9. Operations Section					
1. Incident Name		Day Ops/Planning Ops	DON WILL / DON SMITH				
EL 2. Date Prepared	K COMPLEX	Night Ops	LES CURTIS				
07/26/07	3. Time Prepared 1040	a. Brar	nch I				
4. Operational Period 07/27/07 Friday	Night Shift 1800 - 0600	Branch Director	JAMES SMITH				
Position	Name	Division					
	Commander and Staff	Division L/M/N/O	KEVIN MOORE				
Incident Commander	MICHAEL DIETRICH	Division S/T					
Deputy	TOM CABLE	China Grade Group					
Safety Officer	MARTY HAMEL/DAVE MORTON	Division					
Information Officer	LEONA RODREICK / TOM EFIRD	Division					
Human Resource Officer	MIKE BAINES	b. Brar	nch II				
6. Agen	cy Representative	Division A/B/C	THOMAS KENNEDY				
Agency	Name	Division					
Agency Administrators	ALAN VANDIVER / DON HALL	Division					
Resource Advisor	GARR ABBAS	Division					
Karuk Tribe	HAROLD TRIPP	Division					
Technical Spec	BOB RONSSE	Division					
Cal Fire; Siskyou Sheriff Office: OES Fire;HCVFD	HERB LOVE / JOHN EVANS/DAN TINNEL / KIRK EDIE	Division					
,	anning Section	C.					
Chief	TIM BAAL	Branch Director					
Deputy	MARK WURDEMAN	Division					
Resources Unit	BOB HAWKINS / PETE HOCHREIN / THOM WALSH	Division					
Situation Unit	MARK STEELE / KRIS TIMBERLAKE (t)						
Documentation Unit	JAN CAWTHON (t)						
Demobilization Unit	SARAH GALLEP						
Fire Behavior Analyst	HUGH SCANLON / DAN FELIX						
Human Resource Specialist	MIKE BAINES	d. Air Opera	ations Branch				
Training Specialist	WAYNE SMETANKA	Air Operations Branch Director					
GIS Specialist	SEAN REDAR, KYLE FELKER, SUEANNE CMEHIL-WARN	Helibase Manager					
Computer Specialist	DAVE CAMP	Air Attack Supervisor					
Meterologist	BRETT LUTZ	Air Support Supervisor					
		Helicopter Coordinator					
8. Lo	gistics Section	Air Tanker Coordinator					
Chief	DANA SIMPSON, SAM SCOLES (t)	10. Financ	ce Section				
Deputy	HERN CRANE	Chief	TERESA FORK				
Supply Unit	JOE MCMAHON	Deputy	CONNIE WILLIAMS				
Facilities Unit	BILL FOUTS	Time Unit	KAREN JONES				
Ground Support Unit	DON HILL / HARRY ZABEL	Procurement Unit	MARK PHILLIPP				
Communications Unit	HERN CRANE	Compensation/Claims Unit	ELAINE DOWNING				
Medical Unit	ROBERT RUSSELL	Cost Unit	MARY GLENN				
Security Unit	TOM DODD	Prepared by (Resource Unit Leade	er)				
Food Unit	JAY WESTLAKE / RICHARD RIVERS	1					
ICC 202		FINIAL					

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# Fire Weather Forecast

FORECAST NO: 27 NAME OF FIRE: Elk Complex

PREDICTION FOR: NIGHT SHIFT UNIT: Klamath NF

SHIFT DATE: July 26-27, 2007 SIGNED:

TIME AND DATE 1000 PST Incident Meteorologist

FORECAST ISSUED: July 26, 2007 Brett T. Lutz

<u>WEATHER DISCUSSION:</u> High pressure, centered over the Great Basin, will weaken slightly over the weekend. Gradual drying will lead to slight cooling and slight humidity increases as well as an increase in winds and decrease in stability this weekend.

# FRIDAY NIGHT FORECAST:

**WEATHER:** Clear except for a few cumulus in the evening. Smoke increasing below inversion after 10pm.

MAX TEMPERATURES: Lows 56-61 valleys/lower slopes below 3500ft, and 61-65 upper slopes to ridges.

MIN HUMIDITY: 55-65% above 3500 feet, 65-75% 3500-2500 feet, and 75-85% 2500-1500 feet, and 85-95% below 1500 feet.

# 20 foot WINDS:

**RIDGETOP -** Southwest-west 7-14 mph ridges with gusts 15-20mph through 9pm, diminishing to 3-7 mph through 11pm and becoming variable. Wind turning Northeast and then East 3-8 mph after midnight.

**Slopes/valleys-** Upslope winds 4-8 mph and southwest/up-canyon 7-14 mph with gust 15-20 mph in the Klamath River Canyon through 8pm, then diminishing through 10 pm before becoming down-slope and down valley 1-3 mph and down-valley after midnight.

**STABILITY/INVERSION:** Haines=> 3, Valley inversion near 4000 feet MSL, breaking around noon.

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### SATURDAY:

**WEATHER:** Mostly sunny with scattered cumulus over the ridges late morning into the afternoon.

**TEMPERATURES:** 95-100 along the Klamath River, 90-95 elevations up to 2500 feet, 85-90 up to 3500 feet. 80-85 highest peaks and ridges up to 4500 feet.

**MAX HUMIDITY:** Decreasing to 25-30% below 2500 feet, 30-35% up to 3500 feet, and 35-40% highest peaks and ridges up to 4500 feet.

# 20 foot WINDS:

**RIDGETOP -** Northeast 3-8 mph through 10am, then becoming light and variable. Wind southwest through northwest 8-15 mph with gusts 17-22 mph in the afternoon, highest in the late afternoon.

**SLOPE/VALLEY -** Downslope/downvalley 0-4 mph early, becoming light and variable mid-late morning. Wind becoming upslope 4-8 mph in the afternoon, except up-valley 9-15 mph with gusts 17-22 mph in the Klamath River Canyon late in the afternoon.

**STABILITY/INVERSION:** Haines=> 3 rising to 4. Valley inversion near 4000 feet MSL, breaking near noon.

**EXTENDED FORECAST:** Sunday through Tuesday. Mostly Clear. Smoke late night through mornings. Highs 83-93 mid-upper slopes and ridges...93-103 in the river canyon, camp and mid-elevations. Lows in the mid 50s to lower 60s. Min RH 20-35% lower slopes, ridge recoveries 50-65%.

# **WEATHER INFORMATION:**

Klamath Canyon (930 ft): Low Friday A.M. 59 Max Humidity 92% @ 0730 Happy Camp (1500 ft): Low Friday A.M. 58 Max Humidity 87% @ 0645 Titus FRWS-17 (3700 ft): Low Friday A.M. 61 Max Humidity 65% @ 0635 Slater Butte (4670 ft): Low Friday A.M. 63 Max Humidity 56% @ 0545

# FIRE BEHAVIOR FORECAST NO. 20

NAME OF FIRE: Elk Complex PREDICTION FOR: Night Shift

AGENCIES: <u>USFS</u>, <u>BLM</u>, <u>BIA</u>, <u>Siskiyou SO</u>, <u>CDF</u> SHIFT DATE: <u>07/27/07</u> (<u>Thursday</u>)

TIME AND DATE SIGNED: **D. Felix, H. Scanlon, FBAN** 

FORECAST ISSUED: <u>07/27/07 1000 Hours</u>

**WEATHER SUMMARY:** Clear, temps from 56° to 65°F on upper slopes, RHs 55 - 75%, and winds 8 - 15, gusts to 20 mph SW to W on ridges, becoming NE to E 3 - 8 after midnight. See attached fire weather forecast issued 7/27/07 at 1000 hours.

# FIRE BEHAVIOR GENERAL:

Expect active ground fire activity tonight, diminishing after midnight, with concentrated burning in fuel jackpots. Humidity recovery fair tonight, favorable for patrol, holding, and mop-up. Remain alert for rolling material and fire weakened snags and trees. The topography is very complex, steep, and rugged. Fuels are primarily brush, plantations, and timber, with some rocky areas supporting sparse vegetation.

Fire Behavior – Optimal alignment

Fuel Type	ROS (ft./min) Fwd.	ROS Flank	ROS Back	FL (ft.)	Spotting (mi.)	pI
Sh3 Moderate load	3 - 6	03	02	1 - 3	.20	16
shrub,						
Plantations						
Tl8 Timber litter	4 - 8	04	02	1 - 4	.24	16

**Local Thresholds:** These factors in combination with a high ERC may greatly increase fire behavior: 20' wind speed over 7 mph; RH less than 25%; temperature over 81°; ERC over 46. Average BI for late-July: 64.

Observed ERC/BI Oak Knoll 7-26: 56 / 50 Predicted ERC/BI 7-27: 57 / 53

# SPECIFIC:

Branches I, IV: Ground fire with slow spread. Roll out may produce short head runs. Heavy fuel jackpots will burn actively through the evening. Torching trees may produce short range spotting. West and South aspects will be receptive to ignition where wind, slope, and fuels are in alignment. Keep some eyes to the green, where undetected spot fires may become active in the leeward slopes following firing operations. Conditions will be favorable for holding, mop-up, and line preparation. Firing will be favorable in timber, less so in plantations, until the RHs rise into the 60% range.

<u>Branch II:</u> The 1000-hour fuels continue to burn out, but smoke production diminishing. Rollout and failing snags will continue to move embers downslope. Material roll out onto roads continues as a hazard.

**AVIATION OPERATIONS**: Air operations should be available until night cutoff.

**SAFETY:** Before engaging, review what tasks and mitigating actions you may need to perform on your shift. Include the Downhill Checklist (IRPG Page 8) in your briefing. Working in steep terrain with limited visibility, evaluate your risk versus gain, then take appropriate action.

**Sunset: 2036 Sunrise: 0604** 

Division As	signment List		I. II. AND IV				Div L/M/N/O		
3. Incident Name ELK C	OMPLEX			4. Operational Period 07/27/07 Friday Night Shift 1800 - 0600					
5.			Operation			ilday	Tright Chilt 1000 00		
Operations Chief	LES CURTIS		о розонио			Supervis	or KEVIN MOORE		
Operations Chief			Air Attack Supervisor						
Branch Director	JIM SMITH		Safety Officer				MICHAEL HANSON		
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	
CRW1 TRINITY HS		JUST	IN JEUDE		20	N	Per DIVS	@ICP 2400	
CRW1 DIAMOND MOU	STEV	E R SHAW		22	N	Per DIVS	Per DIVS		
CRW2IA IRON MTN			RT S BROWN	1	19	N	Per DIVS	Per DIVS	
CRW2IA SMITH RIVER			ITINGLEY		19	N	Per DIVS	Per DIVS	
ENGS/T SNF5603C		TERE	SA CABALLE	२०	26	N	Per DIVS	Per DIVS	
ENG3 A-1 E13		JUST	IN HARDISON		3	N	Per DIVS	@ICP 2400	
ENG3 HIA 562		CLYD	E TRIMBLE		5	N	Per DIVS	Per DIVS	
WT2 BENNETT (E-8)		ROGI	R BRIDWELL		2	N	Per DIVS	Per DIVS	
WT2 AQUILA #114 (E-	166)	MAR	( HARRIS		2	N	Per DIVS	Per DIVS	
7. Control Operations Assist with Firing Op All Batteries MUST	be Recycled!		line as firing p	rogress	es.		-		
Secure all fuel suppl Collect and Backha									
B. Special Instructions Park only in designa Ensure escape rout Backhaul all garba Crews to use class	es and safety zones ge, jerry cans, surpl	are in us hos	place. e, and other su	ırplus ma	aterial a	and equ	uipment.	waterways.	

1. Branch

2. Division/Group

9.		Div	ision/Group Comr	nunications Summ	nary				
Function	Frequency - RX	Frequency - TX	Tone	System	С	hannel	System	n	Channel
Command	173.0375N	167.3250N		NIRSC		3			
Tactical Div/Group	168.6000N	168.6000N		NIRSC		6	NIFC TA	C-3	
Logistics									
Air to Ground	165.6000N	165.6000N		NIRSC		11			
Prepared by (Reso	ource Unit Leader)	App	roved by (Planning S	Section Chief)		Date Prepa	ared	Time	Prepared
Thom Walsh		Tir	n Baal			07/2	6/07		1040

Division As		I. II. AND IV				Div A / B / C				
3. Incident Name ELK C	OMPLEX		4. Operational F	Period 07/27/	07 F	riday	Night Shift 1800 - 060			
5.			Operation	ns Perso	nnel					
Operations Chief	LES CURTIS			Division	Group S	Supervisor	THOMAS KENNEDY			
Operations Chief			Air Attack Supervisor			visor				
Branch Director	JIM SMITH		Safety Officer				MICHAEL HANSON			
6.			Resources Assigned this Period			od				
Strike Team/Task Force/	Resource Designator		Leader		Num of Pers.	Trans. Y/N	Drop Off PT./Time	Pick Up PT./Time		
ENG6 AWR E6244		KIRK	JESS		3	N	Per DIVS	Per DIVS		
WT 2 DARRAH (E-6)		DAVE	NICOSON		1	N	Per DIVS	Per DIVS		
TFLD		DAVID	S ROBINSO	V	1	N	Per DIVS	Per DIVS		
TFLD(T)		MICH	AEL D HOWOI	RTH	1	N	Per DIVS	Per DIVS		
EMTP		KEVII	N ROSE		1	N	Per DIVS	Per DIVS		
EMTB		GREG	POWELL		1	N	Per DIVS	Per DIVS		
<ul><li>7. Control Operations</li><li> Patrol, monitor and r</li><li> Collect and Backha</li></ul>			ecifications.							
8. Special Instructions Ensure escape route Stay 500 feet or mor Fill watertenders at c Backhaul all garbage ALL BATTERIES M Crews to use class	e down stream of and designated sites only e, jerry cans, surplus UST BE RECYCLE	ny conf /. s hose, D!	luence for dipp	olus mat	erial ar	nd equip	ment.	waterways.		

1. Branch

2. Division/Group

-- Secure all fuel supplies to prevent fuel spills.

9.	. Division/Group Communications Summary									
Function	Frequency - RX	Frequency - TX	Tone	System	Channel	System	Channel			
Command	168.7000N	170.9750N		NIRSC	1	NIFC C-1				
Tactical Div/Group	168.0500N	168.0500N		NIRSC	5	NIFC Tac	1			
Logistics										
Air to Ground	165.6000N	165.6000N		NIRSC	11					
Prepared by (Resource Unit Leader) Pete Hochrein			Approved by (Planning Section Chief) Tim Baal			ared 26/07	Time Prepared 1040			

Divisio		1. Branch I. II. AND IV				2. Divi	2. Division/Group  DIV S/T				
3. Incident Name		4. Operational F	Period 07/27/	07 F	riday	Night Shif	t 1800 - 06	00			
5.				Operation	ns Perso						
Operations Chief	LES CU	RTIS		·			Superviso	or			
Operations Chief					Air Attac	k Super	visor				
Branch Director	JIM SMI	TH			Safety C	Officer		MICHAE	L HANSON	1	
6.				Resources As	signed t	his Peri	od				
Strike Team/Task	Force/ Resource	Designator		Leader	-	Num of Pers.	Trans. Y/N	Drop Off I	PT./Time	Pick	Up PT./Time
ENG3 T3 HUSK	Y FIRE SUPP	1	JEAN	NE WHITEFE	THER	3	N	Per O	PBD	P	er OPBD
ENG6 SOUTHER		<b>‡</b> 3	NED I	MANGAS		3	N	Per O			er OPBD
7. Control Opera	tions										
Patrol HWY 96		fire extension	n to ri	ver.							
8. Special Instruc	ctions										
Ensure escape Fill watertende				piace.							
Backhaul all				. and other sur	plus ma	iterial a	and equi	pment.			
ALL BATTER				,							
Crews to use				direct constru	uction,	mopup	o; stayir	ng 300 ft a	way from	waterv	vays.
Secure all fuel	I supplies to pre	event fuel sp	ills								
9.			Divis	ion/Group Comr	nunicatio	ns Sum	nmary				
Function	Frequency - RX	Frequency -	TX	Tone	Sy:	stem		hannel	Systen	n	Channel
Command	173.0375N	167.3250	N_		NI	RSC		3			
Tactical DIV S/T	168.2500N	168.2500	N T		NI	RSC		9	BLM TAC	2 - 3	
Air to Ground	165.6000N	165.6000	N		NI	RSC		11			
Prepared by (Reso				ved by (Planning S Baal	Section C	hief)		Date Prepa	ared 26/07	Time F	Prepared

INCIDENT F	RADIO COMMUNICA	TIONS PLAN	1. INCIDENT NAME ELK COMPLEX	2. DATE / TIME PREPARED 7/27/07 900 HRS	3. OPERATIONAL PERIOD 1800/0600- 07/27-28/07
		4. BASIC RADIO	CHANNEL UTILIZATION		
SYSTEM / CACHE	CHANNEL	FUNCTION	FREQUENCY	ASSIGNMENT	REMARKS
NIRSC	1	NIFC C-1	Rx 168.7000 N Tx 170.9750 N	COMMAND NORTH	
NIRSC	2	NIFC C-4	Rx 166.6125 N Tx 168.4000 N	COMMAND EAST	
NIRSC	3	NIFC C-12	Rx 173.0375 N Tx 167.3250 N	COMAND SOUTH	
NIRSC	4	KNF ORANGE	Rx 168.7750 N Tx 170.5750 N	FOREST NET RPT	Use Tones 2, 4, or 11
NIRSC	5	NIFC TAC-1	Rx 168.0500 N Tx 168.0500 N	BRANCH II A B C	
NIRSC	6	NIFC TAC-3	Rx 168.6000 N Tx 168.6000 N	BRANCH I LMNO	
NIRSC	7	BLM TAC-1	Rx 166.7250 N Tx 166.7250 N		
NIRSC	8	BLM TAC-2	Rx 166.7750 N Tx 166.7750 N		
NIRSC	9	BLM TAC-3	Rx 168.2500 N Tx 168.2500 N	BRANCH I T BRANCH IV S	
NIRSC	10	R5 TAC-5	Rx 173.98750N Tx 173.98750N		
NIRSC	11	AIR TO GROUND	Rx 165.6000 N Tx 165.6000 N	ALL AREAS A/G	
NIRSC	12	AIR TO GROUND	Rx 166.3625 N Tx 166.3625 N		
NIRSC	13	R5 TAC-4	Rx 173.9125 N Tx 173.9125 N		
NIRSC	14	AIR GUARD	Rx 168.6250 N Tx 168.6250 N	AIR GUARD	EMERGENCY USE ONLY
NIRSC	15		Rx Tx		
NIRSC	16	AIR GUARD	Rx 168.6250 N Tx 168.6250 N	AIR GUARD	EMERGENCY USE ONLY
ICS 205 9/86 NFES	5. PREPARED BY:	COMMUNICATIONS UN	IT)		
1330	HERN CRANE	COM UNIT LEADER			

			1. INCIDENT NAI	ME	2. DA		3. TIME	_	_		ONAL PE	-	
MEDICA	L PLAN		EI	k		27-07	PREPARE 1000hrs	D	7-2	7 180	00/060	0	
			5. I	NCIDENT M	IEDICAL AID	STATIONS	S		•				
MED	DICAL AID STA	NOITA	S			LOC	ATION				PARAI YES	MEDICS NO	
Frontline Medica	al			Elk ICP	ik ICP						XX	1.10	
				6. TRA	NSPORTAT	ON							
	NAME				ADI	DRESS		Р	PHONE	<b>.</b>	PARAMEDICS YES NO		
Happy Camp Ambul	ance Medic 23	}		Нарру Са	mp			530-49	93-264	3	120	XX	
Northern Siskiyou Aı	mbulance Med	ic 62		ICP				530-49	93-152	8	XX		
Mercy Flight				Medford, 0	OR			911/53	30-842	-7066	XX		
CHP H-14, H-16 (Re	CHP H-14, H-16 (Rescue Hoist)			Redding, (	CA			911/53	30-842	-7066	XX		
REACH				Redding, 0	CA			911/53	30-842	-7066	XX		
				7.1	HOSPITALS					DAD	חויסאי	OFNITED	
NAME			ADDRESS		AIR	EL TIME GRND	PHONE	-	HELI YES	NO NO	YES	CENTER NO	
Fairchild Medical Center		444 [	Bruce Street, Yreka	CA	15 min	1.5 hr	530-842-4121			Х		Χ	
Rouge Valley Medica	al	2525	Barnet, Medford C	PR	20 min	2.5 hr	541-608-4144	ı	Х			Х	
Shasta Regional Medical Center		1100	Butte, Redding CA	1	30 min	3 hr	530-243-4042	2	Х			Х	
UC Davis Burn Center 2315 Stockton Blvd., S		Stockton Blvd., Sa	acramento	2 hr	6 hr	916-734-3544 Blue Net 155.		Х		Х			
Mercy Med Center L Trauma	evel 2	2175	Rosaline Ave, Red	dding CA	30 min	3 hr	530-225-7201		Х			Х	
In the even	p" through Co	nedic	unications. SOF S  8. ME al incident, initiate	Sargengti w	vill oversee	all technic	al rope rescue	assigne operati	ed to t	he inci	dent. Re escue gro	quest oup**	
<ul> <li>*Elk Rescue Group" through Communications. SOF Sargenge 8. MEDICAL E</li> <li>In the event of a line medical incident, initiate care with available resources and notify Division Supervisor.</li> <li>The Division Supervisor and/or Line SOF shall determine if the injury can be handled with available resources and recommend the most appropriate method of transportation (Air/Ground).</li> <li>For serious or life threatening injuries, the Division Supervisor and or Branch Director shall contact the Communications Unit to advise the nature and location of the incident and request appropriate additional resources.</li> <li>The Communications Unit shall limit all non essential traffic on command by declaring a "Medical Emergency" and shall then notify the Medical Unit, Safety Officer, and Operations Section Chief of the incident.</li> <li>The Division Supervisor shall coordinate the incident and direct necessary actions.</li> </ul>				vailable riate ivision tact the nd ate essential Unit, f of the	□ Is a h Yes □ Locat Lat □ Age □ Seven Immedi □ Chief	gency_ elicopte _ No ion rity: Mir ate Compla	Non r required t Long Sex De	for tra	eight	ortati 	on? 		
ICS 206			(MEDICAL UNIT L ell MEDL	EADER)			EWED BY (SAF <b>Hamel SO</b>		FICER	₹)			

# SAFETY MESSAGE - ELK COMPLEX JULY 27, 2007 NIGHT SHIFT 1800-0600

# TEN STANDARD FIRE ORDERS

Rules Of Engagement Checklist – Start from the top and work down. Use the ticklers to help trigger awareness.

Work back up as needed to re-assess and re-engage.

1) Keep	p informed on FIRE WEATHER conditions and forecasts.  What conditions in today's forecast will affect the part of the fire where I am assigned?  Have I provided for weather monitoring so I know when important changes will affect my assignment?  Do I know the weather trigger points (Wind speed, RH, Temp.) that will affect what I do?	<ul> <li>6) Be ALERT, keep CALM, THINK clearly, and ACT decisively.</li> <li>Have I been working long shifts, and getting adequate rest? Meeting the 2:1 work/rest ratios?</li> <li>Am I paying attention to what the fire is doing, and changes in the fire's behavior because of fuels, weather and topography? (Think "situational awareness").</li> <li>Am I keeping a cool head when things are going bad?</li> <li>Do I stop and think, based on the fire behavior?</li> </ul>	
2) Knowscouts	w what your FIRE is doing at all times. Observe personally; use . Have I sized up today's assignment? Can I see what is happening that may affect my actions? Am I aware of the changing situation around me? Will the resources be able to handle, or disengage from, a worst-case scenario?	7) Maintain prompt COMMUNICATION with your crew, your boss and adjoining forces.  Are radios and assigned channels working properly?  Are there glitches in the system that need to be solved before proceeding?  Have I provided for what to do if the radios aren't effective and things go bad?  Am I keeping people informed of what's happening?	
3) Base	e all actions on current and expected BEHAVIOR of FIRE.  How will the fuels, weather and topography affect my assignment?  What indicators will I look for to see when changed actions are needed?  What action will I take if the fire behavior changes?	8) Give CLEAR INSTRUCTIONS and be sure they are understood.  Am I asking for feedback to clarify assignments?  Do people look or act confused?  Am I comfortable that I understand my assignment?	
4) Have	e ESCAPE ROUTES for everyone and make them known.  Have I identified where to go and whether I can get there, based on the worst possible fire behavior?  Are safety zones large enough to withstand the expected flame lengths, if needed?  Do I have more than one escape route?	<ul> <li>9) Maintain CONTROL of your people at all times.</li> <li>Does everyone know who's the boss?</li> <li>What about crew cohesion?</li> <li>Have check-in times and LCES instructions been established?</li> </ul>	
5) Post	t a LOOKOUT when there is possible danger.  Can the lookout(s) see what the fire is doing?  Can the lookout see and identify critical fire behavior factors?  Can the lookout see the sky and weather conditions that may affect my assignment?  Are the lookouts in communication? Check-in times established?	<ul> <li>10) Fight fire aggressively but provide for SAFETY FIRST.</li> <li>☐ Am I ready to engage, having provided for a safe assignment?</li> <li>☐ Have I provided for the 18 situations to be mitigated?</li> <li>☐ Do I need to re-cycle through any of the orders to get back on track?</li> </ul>	

# 18 SITUATIONS THAT SHOUT WATCH OUT

Mitigation Checklist – Using the Ten Standard Orders as Rules of Engagement

1) Identify and mark the situations that apply to your assignment. 2) Review the listed fire orders to see if enacting the order will solve the problem. 3) Review pertinent guidelines and note what you did to manage the situation. 4) Disengage if orders cannot be satisfied or situations cannot be handled.

☑ if a problem exists SITUATION	FIRE ORDER #'s	HOW I HANDLED THE SITUATION
☐ 1. Have I scouted and sized up the fire?	2	
☐ 2. Have I seen this country in daylight?	2	
☐ 3. Have I identified Safety zones and escape routes?	4	
4. Do I understand weather and local factors affecting fire behavior?	3	
☐ 5. Am I clear on strategy, tactics and hazards?	8	
☐ 6. Do I have clear instructions and assignments?	8	
☐ 7. Have I established communication with my crew and supervisor?	7	
□ 8. Am I constructing line from a safe anchor point?	4	
9. Am I building fireline downhill with the fire below?	2,3,4,5	
☐ 10. Am I attempting a frontal assault on the fire?	2,3,4,5	
☐ 11. Is there unburned fuel between me and the fire?	2,3,4,5	
☐ 12. Can I see main fire, or can I contact someone who can?	2,5,7	
☐ 13. Will I be on a hillside where rolling material can ignite fuel below?	2,3,4,5	
☐ 14. Is the weather becoming hotter and drier?	1,2,3	
☐ 15. is the wind increasing and/or changing direction?	1,2,3	
☐ 16. Am I getting frequent spot fires across the line?	1,2,3,4,5	
☐ 17. Are terrain and fuels making escape to safety zones difficult?	2,3,4,5	
☐ 18. Have long hours made me feel like taking a nap near the fireline?	2	

**ELK COMPLEX - INCIDENT RISK ANALYSIS (215a)** 

T		INCIDENT RISK ANALTSIS (215a)	
DIV	HAZARDS / ISSUES	MITIGATIONS / WARNINGS / REMEDIES	
ALL	SNAG HAZARDS	Follow Hazard Tree Safety Guidelines (IRPG p. 80).	
		<ul> <li>Limit number of personnel around snags and their exposure time;</li> <li>fallers must be qualified for trees being fallen.</li> </ul>	
		<ul> <li>Be especially alert around snags during wind events and after dark.</li> </ul>	
		Check overhead for dead branches in sleeping areas.	
		Maintain Situational Awareness!	
ALL	DRIVING HAZARDS	<ul> <li>Drive defensively at all times, drive w/headlights on, use chock blocks, use backers. Adhere to Elk Creek Traffic Plan.</li> </ul>	
		Exercise caution when driving on "out-sloped" roads.	
		Be alert for wildlife; slow down on washboard surfaces.	
		<ul> <li>Increase following distances on dusty roads. Slow down when you meet opposing traffic. Be able to stop within one half of the visible</li> </ul>	
		distance on blind curves.	
DD I		<ul> <li>Maintain Situational Awareness!</li> <li>A written guideline shall be prepared and approved for major burning</li> </ul>	
BR I, BR II	FIRING OPERATIONS	A written guideline shall be prepared and approved for major burning operations.	
		Conduct thorough briefing for all personnel (inside rear cover IRPG).	
		Qualified personnel for all assignments. Trainees to have qualified trainers.      Utilize Pick Mamt. Process (IPPC p. 1) for implementing the plan.	
		<ul> <li>Utilize Risk Mgmt. Process (IRPG p. 1) for implementing the plan.</li> <li>Required PPE to be worn by all personnel involved.</li> </ul>	
		<ul> <li>Establish LCES prior to implementing burning operations (IRPG p. 6).</li> </ul>	
		Assign an over-all Firing Boss to coordinate ignitions when simultaneous	
A11		burning operations are planned for multiple locations.	
ALL	AIRCRAFT	<ul> <li>Use risk analysis to determine if any given flight is necessary.</li> <li>Keep personnel out of drop zones.</li> </ul>	
	OPERATIONS	<ul> <li>Reep personner out of drop zones.</li> <li>Use air-to-ground freq. to communicate with aircraft.</li> </ul>	
		Use concise statements & clock directions when directing aircraft.	
		Maintain good separation between ground forces & aerial ignition.	
		Avoid "heli-mopping". Eliminate unnecessary pilot exposure.	
ALL	FATIGUE	Be alert for signs of fatigue and take breaks as necessary. Maintain 2:1 work/rest ratio. Monitor incoming resources for level of fatigue.	
ALL	HYDRATION	Encourage drinking water before, during and after shifts, up to 1.5 gal.	
		during shifts.	
ALL	DEADO	Be alert for signs of heat stress in yourself and others.      Bick up and remove all trash from fire line. Don't allow food storage in	
	BEARS	Pick up and remove all trash from fire line. Don't allow food storage in tents. Manage trash in spike camps to avoid attracting bears.	
ALL	FOOT TRAVEL	<ul> <li>When walking through steep, rocky, and possibly wet terrain, watch footing and maintain proper spacing.</li> </ul>	
		Watch for over-head hazards, carry tools downhill side.  The stiff of the standard for	
		Treat "hot spots" on feet before they become blisters.      Pofer to F.S. Hoolth and Sofety Code sections 18.1, 18.3, 18.3.	
DIV T	DIVED CDOSCINO ON	<ul> <li>Refer to F.S. Health and Safety Code sections 18.1, 18.2, 18.3.</li> <li>All personnel being transported must receive safety briefing and follow</li> </ul>	
	RIVER CROSSING ON RAFTS	instructions of raft coordinator.	
A11		Personnel being transported must wear personal flotation device.  Conduct the result being for all personnel invalved (incide result personnel).	
ALL	STRUCTURE	Conduct thorough briefing for all personnel involved (inside rear cover IRPG).	
	PROTECTION &	Utilize Structure Assessment Checklist (IRPG p.14).  Fallow structure Protesting Children (IRPG p. 46).	
	HAZMAT ISSUES	<ul> <li>Follow structure Protection Guidelines (IRPG p. 16).</li> <li>Utilize hazmat IC Checklist (IRPG p. 26).</li> </ul>	
BR I	LINE CONSTRUCTION	Conduct thorough briefing for all personnel involved (inside rear cover IRPG).	
		Ensure LCES in place prior to engagement (IRPG p. 6).	
		Establish adequate safety zones (IRPG p.7) and escape routes.	
		Use Downhill Line Checklist (IRPG p. 8).  (IRPG p. 8).	
		Use "Look Up, Look Down, Look Around" procedures (IRPG p. 2-3)      Use "Look Up, Look Down, Look Around" procedures (IRPG p. 2-3)      Use "Look Up, Look Down, Look Around" procedures (IRPG p. 2-3)	
		Utilize Risk Management Process (IRPG p.1).	

# Meal Break Regulations:

From the Incident Business Management Handbook Chapter 10, Sections 12.3.2, 12.3.3 and 12.6.

# Section 12.3

2. Travel Interruptions. Employees are in compensable travel status for only actual travel and for "usual waiting time" which interrupts travel. Usual waiting time is defined as time necessary to make connections in ordinary travel situations and travel interruptions as delays when waiting at the airport terminals due to hazardous weather, heavy holiday traffic, airline mechanical problems, etc.

Travel interruptions during a period of continuous travel are compensable up to 3 hours as overtime if the travel time occurs outside of the regular tour of duty, except as noted in 12.3--3, Meal Breaks. Travel interruptions exceeding 3 hours (per oneway trip, to or from the destination) where individuals are free to sleep, eat, or, to a limited degree, pursue personal activities including waiting at an airport or other transportation site, are not compensable, and must be shown on the Crew Time Report, SF 261, as a travel interruption. In addition, the 3 hour maximum limitation applies even when the one-way trip spans two calendar days. (50 Comptroller General Decision (CG) 519, 1/26/1971)

If the interruption occurs during hours within the regular tour of duty, that time is compensable except for meal breaks.

### Section 12.3

3. Meal Breaks. Time spent eating during travel interruptions is noncompensable (e.g., eating while waiting in an airport or stopping at a restaurant), and must be shown as a break on the Crew Time Report, SF-261. Time spent eating while traveling in a plane, bus, or other vehicle is compensable.

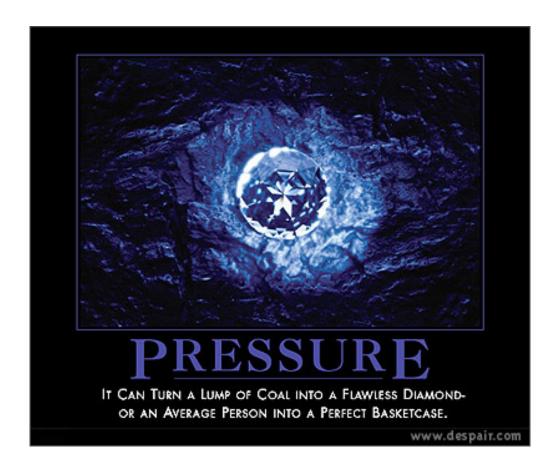
### Section 12.6

- 12.6 Meal Periods. Compensable meal periods are the exception, not the rule. [See 5 CFR 551.411 (c) and 29 CFR 785.19 (a)] Personnel on the fireline may be compensated for their meal period if all of the following conditions are met:
- 1. The fire is not controlled, and
- 2. The Operations Section Chief makes a decision that it is critical to the effort of controlling the fire that personnel remain at their post of duty and continue to work as they eat, and
- 3. The compensable meal break is approved by the supervisor at the next level of the crew boss and it is documented on the Crew Time Report, SF-261.

In those situations where incident support personnel cannot be relieved from performing work and must remain at a post of duty, a meal period may be recorded as time worked for which compensation shall be allowed and documented on the Crew Time Report, SF-261. Compensable meal breaks include time spent eating while traveling in a plane, bus, or other vehicle.

For personnel in support positions, and fireline personnel after control of the fire, a meal period of at least 30 minutes must be ordered and taken for each six hours on duty (e.g., a minimum 30-minute break in an 8 to 12 hour shift, a minimum 60-minute or two 30-minute breaks in a 12 to 16 hour shift).

# **HUMAN RESOURCE MESSAGE**

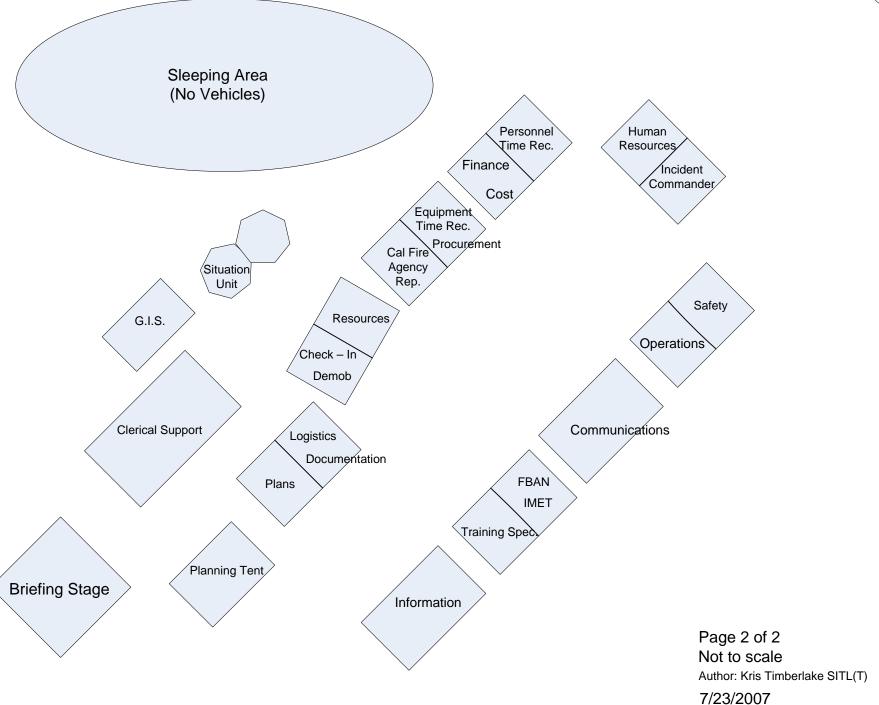


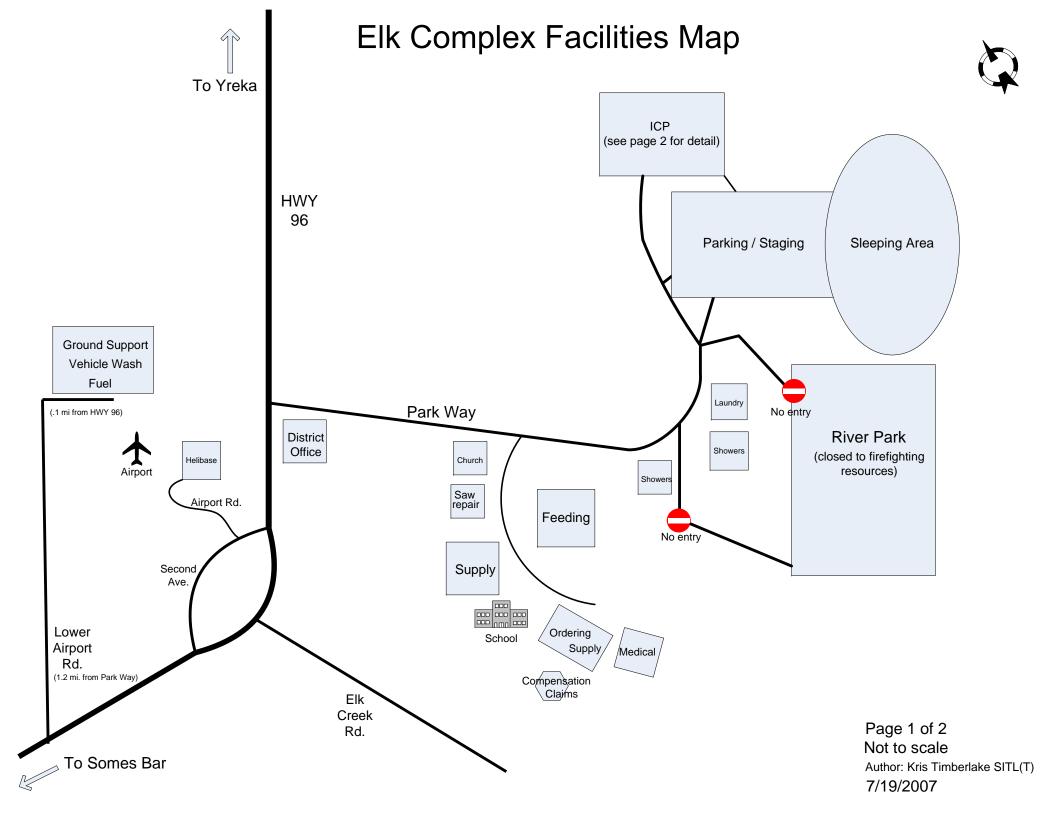
If there is anyway I can assist you, please do not hesitate to contact me.

Your Human Resource Specialist, Mike Baines

# Elk Complex ICP Map







# **INCIDENT CONTACT LIST**

	T	1
AIR OPERATIONS // AIR SUPPORT	JOHN KEESEE	530-598-9373
CAL FIRE AGENCY REP.	HERB LOVE (cell)	530-200-2505
CAL FIRE AGENCY REP.	HERB LOVE	530-493-1532
CA-YICC (CDF DISPATCH)		530-842-7066
CA-YICC (USFS DISPATCH)		530-842-3380
CHECK IN	SHEILA HAMILTON, LARS PRIOR	530-493-1501
COMMUNICATIONS	HERN CRANE	530-493-1526
COMP CLAIMS	ELAINE DOWNING	530-598-9372
COST	MARY GLENN	530-493-1514
DEMOB	SARAH GALLUP	530-493-1502
DIVISION CHIEF HCRD	ROD MENDES	530-598-9363
DOCUMENTATION	JAN CAWTHON	530-493-1528
EQUIPMENT TIME	MARK PHILLIP	530-493-1512
EXPANDED CREWS/EQUIPMENT	530-841-4627	530-841-4627
EXPANDED FAX	530-841-4635	530-841-4635
EXPANDED OVERHEAD	530-841-4620	530-841-4615
EXPANDED OVERHEAD	530-841-4615	530-841-4620
EXPANDED SUPERVISOR	530-841-4610	530-841-4610
EXPANDED SUPPLY	530-841-4610	530-841-4630
EXPANEDED EQUIPMENT	530-841-4625	530-841-4625
FACILITIES	"COWBOY" BILL FOUTS / DEAN MCALLISTER	530-493-1525
FINANCE SECTION CHIEF	TERESA FORK	530-493-1514
FINANCE SECTION CHIEF	TERESA FORK (CELL)	916-212-6685
FIRE BEHAVIOR	DAN FELIX	530-493-1505
FRONT LINE MEDICAL - TRAILER	ROBERT RUSSELL	530-493-1527
GROUND SUPPORT	DON HILL	530-493-1789
GROUND SUPPORT LEADER	DON HILL (cell)	541-290-1455
HAPPY CAMP D.R.	ALAN VANDIVER	530-598-4197
HAPPY CAMP DEPUTY D.R.	DON HALL	530-598-9305
HAPPY CAMP R.D. RECEPTION		530-493-2243
HELIBASE		530-493-1779
INCIDENT COMMANDER	MIKE DIETRICH	530-493-1518
INFORMATION ALTERNATE LINE		530-493-1520
INFORMATION ANSWERING MACHINE		530-493-1519
INFORMATION CELL	JODI MARRON	530-227-3887
INFORMATION CELL	LEONA RODREICK	530-261-0354
INFORMATION CELL	SCOTT SWANSON	541-591-2139
KARUK TRIBE REP	HAROLD TRIPP	530-593-5174
KLAMATH DISPATCH	TIMICED TIMIT	530-843-3380
LOGISTICS	DANA SIMPSON cell	916-204-1085
LOGISTICS	LOGISTICS Trailer	530-493-1528
MEDICAL UNIT LEADER	ROBERT RUSSELL (cell)	909-855-2855
OPERATIONS	LES CURTIS	530-493-1522
ORDERING/SUPPLY	ORDERING-WALLY GROGAN	530-493-1529
ORDERING/SUPPLY	SUPPLY-JOE MCMAHON	530-493-1530
PLANS	TIM BAAL / CTSP	530-493-1525
PROCUREMENT UNIT LEADER	MARK PHILLIP	
		530-493-1517
RESOURCE UNIT	BOB HAWKINS, PETE HOCHRIEN, THOM WALSH	530-493-1511
S.O. RES DEPUTY	JOSH TYGERT (cell)	530-598-1508
S.O. RES DEPUTY	JOSH TYGERT (cell)	530-598-2952
SAFETY	MARTY HAMEL, DAVE MORTON	530-493-1521
SECURITY/FOOD		530-493-1524
SHERIFF - S.O. DISPATCH	MADIC OTES! 5	530-493-2338
SITUATION	MARK STEELE	530-493-1503
SUPPLY/ORDERING FAX		530-493-1531
TIME UNIT LEADER	KAREN JONES	530-493-1516
TOZIER'S CLERICAL SUPPORT (FAX)		530-493-1510
TRANSPORTATION	2	530-493-1533
UNION REP	SUE ALLEN	530-841-4526
UNION REP (CELL PHONE)	SUE ALLEN	530-598-4119
WEATHER/IMET	BRETT LUTZ	530-493-1504

UNIT LOG		1. Incident Name	2. Date Prepared	3. Time Prepared
4. Unit Name/Designators		5. Unit Leader (Name and Position)		6. Operational Period
7.		Personnel Rost	er Assigned	
Name		ICS Position		Home Base
8.		Activity Log		,
Time	Major Events			
9. Prepared by (Name and Position)				