

# ZACA TWO FIRE

CA-LPF-001087

## LIVE OAK ZONE




## INCIDENT ACTION PLAN

24 HOUR

OPERATIONAL PERIOD

MONDAY, AUGUST 20-21, 2007

0600 - 0600

<b>INCIDENT OBJECTIVES</b>	1. Incident Name <b>ZACA; Live Oak Zone</b>	2. Date Prepared 8/19/07	3. Time 2210															
4. Operational Period  <div style="text-align: right;"></div> August 20, 2007    24 Hour 0600-0600																		
5. General Control Objectives for the Incident (include alternatives) <b>Operational Objectives:</b> <ul style="list-style-type: none"> <li>• Keep Fire: <ul style="list-style-type: none"> <li>★ North of Catway Rd. (Zaca Ridge Rd) and the line running from Drop Point 12 south east to Buckhorn Road to Divide Peak.</li> <li>★ West of the Matilja Wilderness to Potrero Seco to Hwy 33</li> <li>★ South and east of Santa Barbara Canyon / Buckhorn Canyon / Sierra Madre Ridge roads</li> <li>★ East of Peak Mountain to Bald Mountain to Figueroa Mountain Peaks</li> </ul> </li> <li>• Minimize loss of property and infrastructure</li> <li>• Utilize the full range of suppression strategies as weather, fuels and terrain permit</li> <li>• Implement the Rehabilitation Guidelines indicated in the Zaca Suppression Rehabilitation Plan</li> </ul> <b>Management Objectives</b> <ul style="list-style-type: none"> <li>★ Provide for emergency personnel and public safety at all times</li> <li>★ Fiscal: Ensure activities are cost effective and reflect jurisdictional responsibilities</li> <li>★ Provide for proactive Community, Tribal, and Public/Media Relations</li> <li>★ Identify and mitigate impacts to cultural and natural resources</li> </ul>																		
7. <b>Priorities</b> <ul style="list-style-type: none"> <li>★ <b><u>Live Oak Zone:</u> Divisions VV, ZZ, UU</b></li> <li>★ <b><u>Richardson Zone:</u> Divisions GG, FF, DD, AA/BB</b></li> </ul>																		
8. <b>General Safety Message</b> Ensure everyone maintains a proper level of hydration. Fatigue can be managed by observing the 2 : 1 work-rest ratio and monitoring workloads																		
8. Attachments (mark if attached) <table border="0" style="width: 100%;"> <tr> <td><input checked="" type="checkbox"/> Incident Weather Forecast</td> <td><input checked="" type="checkbox"/> Health and Safety Message</td> <td><input checked="" type="checkbox"/> Incident Phone List</td> </tr> <tr> <td><input checked="" type="checkbox"/> Fire Behavior Forecast</td> <td><input checked="" type="checkbox"/> Incident Action Plan Safety Analysis – ICS 215a</td> <td><input checked="" type="checkbox"/> Base Camp Map</td> </tr> <tr> <td><input checked="" type="checkbox"/> Organization Assignment List - ICS 203</td> <td><input checked="" type="checkbox"/> Incident Radio Communication Plan – ICS 205</td> <td><input checked="" type="checkbox"/> Unit Log – ICS 214</td> </tr> <tr> <td><input checked="" type="checkbox"/> Division Assignment Lists – ICS 204</td> <td><input checked="" type="checkbox"/> Medical Plan - ICS 206</td> <td><input type="checkbox"/></td> </tr> <tr> <td><input checked="" type="checkbox"/> Air Operations Summary – ICS 220</td> <td><input type="checkbox"/> Training Message</td> <td></td> </tr> </table>				<input checked="" type="checkbox"/> Incident Weather Forecast	<input checked="" type="checkbox"/> Health and Safety Message	<input checked="" type="checkbox"/> Incident Phone List	<input checked="" type="checkbox"/> Fire Behavior Forecast	<input checked="" type="checkbox"/> Incident Action Plan Safety Analysis – ICS 215a	<input checked="" type="checkbox"/> Base Camp Map	<input checked="" type="checkbox"/> Organization Assignment List - ICS 203	<input checked="" type="checkbox"/> Incident Radio Communication Plan – ICS 205	<input checked="" type="checkbox"/> Unit Log – ICS 214	<input checked="" type="checkbox"/> Division Assignment Lists – ICS 204	<input checked="" type="checkbox"/> Medical Plan - ICS 206	<input type="checkbox"/>	<input checked="" type="checkbox"/> Air Operations Summary – ICS 220	<input type="checkbox"/> Training Message	
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9. Prepared by (Planning Section Chief) Phil Cocker/ Nick Duvally (t)		10. Approved by (Incident Commander) Rocky W. Opliger																

<b>ORGANIZATION ASSIGNMENT LIST</b>	
1. Incident Name <b>ZACA TWO      Live Oak Zone</b>	
2. Date August 19, 2007	3. Time 2037
4. Operational Period <b>August 20, 2007    0600-1800 day 1800-0600 night</b>	
Position	Name
5. Incident Commander and Staff	
Incident Commander	<b>Rocky W. Opliger/Chris Childers</b>
Deputy IC	<b>Joe Wood</b>
Safety Officer	<b>Brian Bulger</b>
Information Officer	<b>Frank Mosbacher</b>
Human Resource Spec	<b>See Deputy IC</b>
Liaison Officer	<b>Darrell Ralston / Jeff Fedrizzi (t)</b>
6. Agency Representative	
Agency	Name
<b>USFS</b>	<b>John Bridgewater</b>
<b>CAL FIRE</b>	<b>Jeff Mellinger / Steve Shaw (t)</b>
<b>CDCR</b>	<b>John Thieband</b>
<b>SBC</b>	<b>Craig Thomas</b>
<b>OES</b>	<b>Ishmael Messer</b>
<b>SBSO</b>	<b>Gary Kitzman</b>
<b>CCC</b>	<b>Tina Moore</b>
<b>So.Cal Edison</b>	<b>Troy Whitman</b>
7. Planning Section	
Chief	<b>Phil Cocker, Nick Duvally</b>
Resources Unit	<b>Bill Brickey, Janelle Walker</b>
Situation Unit	<b>Kerry Brisson, Glen Maki, Lyle Koegler (t)</b>
Documentation Unit	
Demobilization Unit	<b>Lou Blankenship</b>
Technical Specialists	<b>GISS –Chris Clervi/ Mark Shug Siran Erysian CTSP–James Whiteside, Carolyn Higgins</b>
Training	<b>Raul Contreras / Larry Kohagen (t)</b>
FBAN	<b>Tom Leuschen / Jessica Wade (t)</b>
IMET	<b>Rich Thompson</b>
RESOURCE ADVISOR	<b>Jim Webb/Kevin Cooper</b>
8. Logistics Section	
Chief	<b>Ross Peckinpah</b>
Deputy	<b>X Kellogg</b>
Supply Unit	<b>Don Pearson / Cheryl Raines (t)</b>
Facilities Unit	<b>Tony Martinez</b>
Ground Support Unit	<b>Tom O’Connell</b>
Communications Unit	<b>Sal Bonilla / Brian Diemer (t)</b>
Medical Unit	<b>Eric Williams</b>
Security Unit	<b>Curt Itson / Miranda Cook (t)</b>
Food Unit	<b>Joel Martinez / Martha Moodie</b>

9. Operations Section		
Chief	<b>Day: Gary Hart</b>	<b>Night: Mark Chambers</b>
Planning Ops	<b>Arlen Cravens/ Steve Murphy (t)</b>	
a. Division/Groups		
Division/Group	<b>A/B/C/D/E/F/V/Y/Z/I/L/U/X Unstaffed</b>	
b. Branch V/VII		
Branch Director	<b>Steve Parr/Rob Laneg (t)</b>	
Division/Group	<b>P</b>	<b>Ed Hardy/Dan Goode(t)</b>
Division/Group	<b>O/N</b>	<b>Unstaffed</b>
Division/Group	<b>M</b>	<b>Tim August</b>
Division/Group	<b>ZZ</b>	<b>Jake Cagle / Luis Gomez (t)</b>
Division/Group	<b>T/S/R/Q</b>	<b>Unstaffed</b>
c. Branch IX		
Branch Director	<b>Ken Maffei</b>	
Division/Group	<b>TT</b>	<b>Mike Shorroch/Mark Frits (t)</b>
Division/Group	<b>UU/VV</b>	<b>Ira Peshkin</b>
d. Contingency Branch		
Branch Director	<b>Jeff Johnson / Frank Royos</b>	
Division/Group	<b>Camuesa Grp.</b>	<b>Richard Sandoval</b>
Division/Group	<b>Romero Grp.</b>	<b>Brad Lidell/Bob Wood (t)</b>
Division/Group	<b>Franklin Grp.</b>	<b>Bruce Cambell/Donald Wright (t)</b>
Division/Group		
Division/Group		
e. Rehab Branch		
Branch Director	<b>Scott Lindgren</b>	
Division/ Group	<b>Group 1</b>	<b>William Towner/Rick Burroughs</b>
Division/Group	<b>Live Oak Staging</b>	<b>Lorne Ellickson</b>
Division/Group	<b>Water Tender GRP</b>	<b>Vic Muzyka</b>
i Air Operations Branch		
Air Operations Branch Director	<b>Wes Shook</b>	
Air Attack Supervisor	<b>Joel Lane/ Mike White</b>	
Air Support Supervisor	<b>Darlene Hall</b>	
Helicopter Coordinator	<b>Tony Duprey / Stan Kubota</b>	
10. Finance Section		
Chief	<b>Sherri Bennett</b>	
Time Unit	<b>Loni Dunnagan</b>	
Procurement Unit	<b>Don Tinsley</b>	
Compensation/Claims Unit	<b>Scott Parsons</b>	
Cost Unit	<b>Kim Parsons</b>	
Prepared by (Resource Unit Leader)		

## ***Incident Weather Forecast***

**FORECAST NO:** 47

**NAME OF INCIDENT:** Zaca-Live Oak Zone

**PREDICTION FOR:** 0600 PDT Monday – 0600 PDT Tuesday

**UNIT:** LPF

**SHIFT DATE:** Aug 20, 2007

**SIGNED:**

**TIME AND DATE** 1800 PDT Sunday

**IMET:** Rich Thompson

**FORECAST ISSUED:** August 19, 2007

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### **WEATHER DISCUSSION:**

#### **...Fire Weather Watch Monday Morning Through Tuesday Evening For Very Low Relative Humidity...**

Little change during the operational period as high pressure brings continued hot and dry conditions. Some patchy night/morning stratus is likely at base camp. Typical diurnal slope/valley winds. Ridgetop winds southwest to west late morning/afternoon...turning northerly overnight.

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### **WEATHER FORECAST:**

**WEATHER:** Mostly Clear...except low clouds over base camp dissipating around 0800 PDT.

**TEMPS:** Max 94-102 below 4000 ft MSL  
91-97 4000-5000 ft MSL.  
85-92 above 5000 ft MSL.  
Min 52-58 valleys/mid slopes...58-68 upper slopes/ridgetops.

**HUMIDITY:** Min 8-18% valleys/mid slopes...5-15% upper slopes/ridgetops.  
Max 40-60% valleys/mid slopes...15-30% upper slopes/ridgetops.

#### **20 FT WINDS:**

**RIDGETOP -** 0600-1000 PDT...North to northeast 3-6 mph with gusts to 10 mph.  
1000-2100 PDT...Southwest to west 5-10 mph with gusts to 18 mph.  
2100-0600 PDT...North to northeast 4-8 mph with gusts to 14 mph.

**SLOPE/VALLEY -** 0600-0900 PDT...Downslope/downvalley 3-6 mph.  
0900-2000 PDT...Upslope/upvalley 6-12 mph with gusts to 22 mph.  
2000-0600 PDT...Downslope/downvalley 3-6 mph with gusts to 10 mph.

**MIXING HEIGHT:** Below 1500 ft MSL...except 12000 ft MSL in the afternoon and evening.

**TRANSPORT WIND:** 0600-1000...Variable 3-6 mph  
1000-2200...Southwest to west 10-15 mph.  
2200-0600...Southwest to west 4-8 mph...except northwest to north  
4-8 below 6000 ft MSL.

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### **Forecast for Tuesday:** (OPERATIONAL PERIOD – 0600 PDT 08/21/07 - 0600 PDT 08/22/07)

Mostly Clear. Highs 96-104 valleys/mid slopes...88-98 upper slopes/ridgetops. Lows 54-62 valleys/mid slopes...62-72 upper slopes/ridgetops. Min RH 8-18% valleys/mid slopes...5-15% upper slopes/ridgetops. Max RH 40-60% valleys/mid slopes...20-35% upper slopes/ridgetops. Ridgetop winds northwest to north 4-8 mph with gusts to 15 mph. Slope/valley winds...upslope/upvalley 6-12 mph with gusts to 22 mph late morning/afternoon...downslope/downvalley 3-6 mph.

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### **Outlook Wednesday through Friday (August 22-24 2007)...**

**Wednesday through Friday...**Mostly clear. Highs 90-98 valleys/mid slopes...84-94 upper slopes and ridgetops. Lows 52-60 valleys/mid slopes...61-71 upper slopes/ridgetops. Min RH...15-25% Valleys/mid slopes...10-20% upper slopes/ridgetops. Max RH 50-70% valleys/mid slopes...30-50% upper slopes/ridgetops. Ridgetop winds southwest to northwest 5-10 mph with higher gusts. Typical diurnal slope/valley winds.

## Fire Behavior Forecast Number 47

Name of Fire: Zaca

Location:

Prediction For: 24 hours

8/20/07 0600 – 8/21/07 0600

Time & Date Forecast Issued: 8/19/07 1800

Signed: *Tom Leuschen*

Tom Leuschen - Fire Behavior Analyst

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### **Weather Summary:** See weather forecast: **Fire Weather Watch!**

Winds – Day, SW-W 5-10, gusts 18mph. Night, N-NE 3-8, gusts 14mph.

RH – Day **Min, 5-18%**, Night max, 15-60%

Temp – Day max, 85-102, Night min, 52-68

### **Fire Behavior**

**General: Potential Fine Fuel Moisture = 2%, Probability of Ignition =100%**

The fire will remain fuels and topography driven. Upslope up canyon winds will determine the direction of fire spread during the day. When RH is below 25% expect active burning with torching. Spot fires from roll outs will continue to challenge containment. Fire progression will be mainly by flanking fire with short intense upslope runs where slope and fuels align. Down canyon winds during the night will push the fire down canyon. Where wind, slope and fuels align expect rates of spread to be over **300** ch/hr. Flame lengths will reach **30-60ft**. Retardant has been effective holding the fire at fuel transitions. Daily upslope winds are dependant on solar heating so aspect becomes very important when trying to determine a burning window.

### **Specific:**

**Div N,O,P,Q,R,S,T** – Patrol for flare-ups & spots. There are some interior islands of unburned fuels that we want to continue to monitor. It is unlikely to spot, but possible.

**Div M, TT, UU** – The fire has burned out the majority of the fuels and most areas are cool. Be alert to firing occurring on neighboring Divisions. Spots that occur outside their line may be below you and jeopardize your safety!

**Div VV, ZZ** – Winds are driven by aspect and solar radiation in these areas. Subtle differences in aspect will cause a change in wind direction as you move through the day. Division VV stopped yesterday due to unfavorable winds. You are right in determining there is a very short morning burning window. As the early morning sun hits the SE & E slopes you will have a few hours of favorable up slopes. Then as the sun moves west, about 1100, it will warm up the SW aspects and change your winds to unfavorable for the rest of the day. Good call yesterday and keep trying to hit that morning burn window. It appears as you move down the fireline your window may get better. ZZ, low in the drainage on your line yesterday we were experiencing the same winds as VV. When we turned a corner and headed a little more NW the winds became more favorable due to the up slopes on the SW aspect. Watch for these subtle aspect changes and position of the sun throughout the day. Be patient with the amount of heat generated during burnout.

**Night Shift** – NE winds will push smoke across your containment lines. However, higher nighttime RH will slow some fire activity. If above the inversion, any fires will actively burn all night.

**Air Operations:** Air operations will be hampered until about 0800 due to smoke.

**Safety:** Keep track of safety zones (black) and how difficult the escape routes are to them. If neighboring Divisions have difficulties you may find fire below you.









<b>Division Assignment List</b>			1. Branch <b>V/VII</b>		2. Division/Group <b>ZZ</b>		
3. Incident Name <b>ZACATWO</b>			4. Operational Period <b>08/20/07 Monday 24 Hour Shift 0600 - 0600</b>				
5. Operations Personnel							
Operations Chief		GARY HART			Division/Group Supervisor		JACOB A CAGLE; LUIS GOMEZ (t)
Operations Chief		MARK P CHAMBERS			Air Attack Supervisor		JOEL A LANE
Branch Director		STEVEN E PARR / ROB LAENG (t)			Safety Officer		BRIAN BULGER
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
SQF FULTON IHC						PENDOLA @ 0600	PENDOLA @ 1800
SNF KINGS RIVER IHC (C-146) 8/28		ISAAC NAYLOR		2	N	PENDOLA @ 0600	PENDOLA @ 1800
SNF SIERRA IHC (C-74) 8/29		KENNETH JORDAN		19	N	PENDOLA @ 0600	PENDOLA @ 1800
BDF DEL ROSA IHC (C-171)		JAMES R TOMASELLI		19	N	PENDOLA @ 0600	PENDOLA @ 1800
CNF ENG 26 T3 (E-804) 8/30		JOHN LUGO		4	N	PENDOLA @ 0600	PENDOLA @ 1800
CNF ENG 38 T3 (E-805) 8/24		RENO RENTERIA		5	N	PENDOLA @ 0600	PENDOLA @ 1800
DOD DOZ AFV 5 (E-509) 8/27		RAYMOND BOOTH		2	N	PENDOLA @ 0600	PENDOLA @ 1800
LPF DOZ 4 T2 (E-352) 8/27		CHRIS BEERY		2	N	PENDOLA @ 0600	PENDOLA @ 1800
LPF DOZ 3 T2 (E-378) 8/27		JAY GARDNER		2	N	PENDOLA @ 0600	PENDOLA @ 1800
DOD DOZ AFV 2 (E-625) 8/19		MARC COSSA		2	N	PENDOLA @ 0600	PENDOLA @ 1800
FRAN-BAR W/T T2 ( E-353) 8/26		JOHN BARBEE		2	N	PENDOLA @ 0600	PENDOLA @ 1800
FOBS		ROB BOZEMAN		1	N	PENDOLA @ 0600	PENDOLA @ 1800
FOBS		MERVYN MORELOCK (t)		1	N	PENDOLA @ 0600	PENDOLA @ 1800
DOZB		JASON MCCARTY		1	N	PENDOLA @ 0600	PENDOLA @ 1800
DOZB		BILL SANDBORG		1	N	PENDOLA @ 0600	PENDOLA @ 1800
EMTB		JOSH KIRBY		1	N	PENDOLA @ 0600	PENDOLA @ 1800
EMTP		NATHAN HASCH		1	N	PENDOLA @ 0600	PENDOLA @ 1800
7. Control Operations							
Improve line and prepare to burn-out							
8. Special Instructions							
Crews need to return all fuel cans, cargo nets, and swivels. Tom Raw will coordinate dozers for perimeter control + Rehab Group							
9. Division/Group Communications Summary							
Function	Frequency - RX	Frequency - TX	Tone	System	Channel	System	Channel
Command	162.9625N	171.7875N		NIFC Grp 15	5		La Cumbre Pk.
Tactical Div/Group	164.1375N	164.1375N		NIFC Grp 15	8		
Logistics							
Air to Ground	171.1375N	171.1375N		NIFC Grp 15	11		
Prepared by (Resource Unit Leader) Janelle Walker (t), James Whiteside (t)			Approved by (Planning Section Chief) Phil Cocker, Nick Duvally			Date Prepared 08/19/07	Time Prepared 0822



<b>Division Assignment List</b>		1. Branch <b>IX</b>		2. Division/Group <b>TT</b>			
3. Incident Name <b>ZACATWO</b>		4. Operational Period <b>08/20/07 Monday 24 Hour Shift 0600 - 0600</b>					
5. Operations Personnel							
Operations Chief	<b>GARY HART</b>	Division/Group Supervisor	<b>MIKE SHORROCK; MARK FRITS(t)</b>				
Operations Chief	<b>MARK CHAMBERS</b>	Air Attack Supervisor	<b>JOEL A LANE</b>				
Branch Director	<b>KEN MAFFEI</b>	Safety Officer	<b>BRIAN BULGER</b>				
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		
CDF CRW S/T 9394G (C-108) 8/24 24hr	KIRK ROBERTSON	39	N	PENDOLA @ 0600	PENDOLA @ 0600		
ENG S/T OAK #2	DON WASHINGTON	27	N	PENDOLA @ 0600	PENDOLA @ 1800		
CNTY DOZ SBC 1 (E-379) 8/20	D. MOORE	2	N	PENDOLA @ 0600	PENDOLA @ 1800		
SOF2	DONALD STUKEY	1	N	PENDOLA @ 0600	PENDOLA @ 1800		
FOBS	KEITH FLOOD	1	N	PENDOLA @ 0600	PENDOLA @ 1800		
FOBS	MICHAEL A. NELSON (t)	1	N	PENDOLA @ 0600	PENDOLA @ 1800		
EMTP	WES JACOBSON	1	N	PENDOLA @ 0600	PENDOLA @ 1800		
EMTB	DAVID MAZAIKA	1	N	PENDOLA @ 0600	PENDOLA @ 1800		
7. Control Operations							
Hold and mop-up on Monte Arido fuel break from Three Sisters to Pendola Jeepway.							
8. Special Instructions							
Crews need to return all fuel cans, cargo nets, and swivels. Tom Raw will coordinate dozers for perimeter control + Rehab Group							
9. Division/Group Communications Summary							
Function	Frequency - RX	Frequency - TX	Tone	System	Channel	System	Channel
Command	168.7000N	170.9750N		NIFC Grp 15	1		La Cumbra Pk.
Tactical Div/Group	170.3625N	170.3625N		NIFC Grp 15	7		
Logistics							
Air to Ground	171.1375N	171.1375N		NIFC Grp 15	11		
Prepared by (Resource Unit Leader) Janelle Walker (t), James Whiteside (t)		Approved by (Planning Section Chief) Phil Cocker / Nick Duvally(t)			Date Prepared 08/19/07		Time Prepared 0820

<b>Division Assignment List</b>			1. Branch <b>IX</b>		2. Division/Group <b>UU/VV</b>		
3. Incident Name <b>ZACA LIVEOAK ZONE</b>			4. Operational Period <b>08/20/07 Monday 24 Hour Shift 0600 - 0600</b>				
5. Operations Personnel							
Operations Chief		GARY HART			Division/Group Supervisor		IRA S PESHKIN
Night Operations Chief		MARK P CHAMBERS			Air Attack Supervisor		JOEL A LANE
Branch Director		KENNETH MAFFEI			Safety Officer		BRIAN BULGER
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
ENF ELDORADO IHC (C-145) 8/27		MICHAEL L BECKETT		21	N	PENDOLA @ 0600	PENDOLA @ 1800
ANF TEXAS CYN IHC (C-147) 8/28		JOHN ARMSTRONG		22	N	PENDOLA @ 0600	PENDOLA @ 1800
LPF LOS PADRES IHC (C-28) 8/28		STAN STEWART		21	N	PENDOLA @ 0600	PENDOLA @ 1800
BDF VISTA GRANDE IHC (C-155)		JESSE ESTRADA		21	N	PENDOLA @ 0600	PENDOLA @ 1800
OES ENG S/T 2005D (E-703) 8/25		JOHN WALSH		17	N	PENDOLA @ 0600	PENDOLA @ 1800
CNTY DOZ VNC 3 (E-424) 8/28		CONRAD DAMON		2	N	PENDOLA @ 0600	PENDOLA @ 1800
AWB W/T T1 E-120		P HENNING		1	N	PENDOLA @ 0600	PENDOLA @ 1800
SMOKE CHASERS W/T T3 E-580		TIM HOLT		2	N	PENDOLA @ 0600	PENDOLA @ 1800
SUSANVILLE TOWING W/T T2 E-633		JOHN HAY		1	N	PENDOLA @ 0600	PENDOLA @ 1800
FIRB		BRIAN RHODES		1	N	PENDOLA @ 0600	PENDOLA @ 1800
FOBS		SCOTT JONES (t)		1	N	PENDOLA @ 0600	PENDOLA @ 1800
FOBS		SEAN NORMAN		1	N	PENDOLA @ 0600	PENDOLA @ 1800
FOBS (NIGHT LOOKOUT @ SPIKE)		JOSHUA BOEHM (t)		1	N	PENDOLA @ 1800	PENDOLA @ 0600
FOBS (NIGHT LOOKOUT @ SPIKE)		MICHAEL DOLLARD (t)		1	N	PENDOLA @ 1800	PENDOLA @ 0600
SOF2		GILBERT W BARRIER		1	N	PENDOLA @ 0600	PENDOLA @ 1800
EMTP		ROLAND FREDRICKSON		1	N	PENDOLA @ 0600	PENDOLA @ 1800
EMTP		STEVE BROWN		1	N	PENDOLA @ 0600	PENDOLA @ 1800
EMTB		TYSON KINGSBURY		1	N	PENDOLA @ 0600	PENDOLA @ 1800
EMT1		STEVEN TRACY		1	N	PENDOLA @ 0600	PENDOLA @ 1800
7. Control Operations							
Improve line, be ready to burnout from Div break to Pendola spike camp							
8. Special Instructions							
Crews need to return al fuel cans, cargo nets and swivels Tom Raw will coordinate dozers for perimeter control + Rehab Group The Med Unit at Pendola Spike camp is staffed 24 hours							
9. Division/Group Communications Summary							
Function	Frequency - RX	Frequency - TX	Tone	System	Channel	System	Channel
Command	168.7000N	170.9750N		NIFC Grp 15	1		Monte Arido
Tactical Div/Group	166.7750N	166.7750N		NIFC Grp 15	13		
Logistics							
Air to Ground	171.1375	171.1375		NIFC Grp 15	11		Air to Ground
Prepared by (Resource Unit Leader) Janelle Walker (t), James Whiteside (t)			Approved by (Planning Section Chief) Phil Cocker, Nick Duvally (t)		Date Prepared 08/19/07		Time Prepared 0814

<b>Division Assignment List</b>			1. Branch <b>LIVE OAK CONTINGENCY BR.</b>		2. Division/Group <b>CAMUESA GROUP</b>		
3. Incident Name <b>ZACA LIVEOAK ZONE</b>			4. Operational Period <b>08/20/07 Monday 24 Hour Shift 0600 - 0600</b>				
5. <b>Operations Personnel</b>							
Operations Chief		<b>GARY HART</b>			Division/Group Supervisor		<b>RICHARD Z SANDOVAL</b>
Night Operations Chief		<b>MARK P CHAMBERS</b>			Air Attack Supervisor		<b>JOEL A LANE</b>
Branch Director		<b>JEFFREY A JOHNSON; FRANK ROYOS</b>			Safety Officer		<b>BRIAN BULGER</b>
6. <b>Resources Assigned this Period</b>							
Strike Team/Task Force/ Resource Designator		Leader		Num of Pers.	Trans. Y/N	Drop Off PT./Time	Pick Up PT./Time
LPF CRW SANTA LUCIA 8/20		HUBERT LAUGHARN		23	N	ICP @ 0600	ICP @ 1800
LPF SUNDOWNERS 8 HS 8/27		JIM BROWN		19	N	ICP @ 0600	ICP @ 1800
ENG S/T OAK #1		SMITH ERICKSON		27	N	ICP @ 0600	ICP @ 1800
G&O T2 DOZER (E-725)		TERRY MCCORMICK		3	N	ICP @ 0600	ICP @ 1800
PVT CHIP ERIC TREE (E-757) 8/31		AUTUMN FISH		1	N	ICP @ 0600	ICP @ 1800
LA THOMPSON W/T E-637 8/22		SAM AGAJANIAN		1	N	ICP @ 0600	ICP @ 1800
EL DORADO W/T T2 (E-433)		DENNIS FORNEY		1	N	ICP @ 0600	ICP @ 1800
ALL TERRAIN W/T T1 (E-123)		M. MORRIS		1	N	ICP @ 0600	ICP @ 1800
WAT INC W/T T2 E-640		DARREN WINGATE		2	N	ICP @ 0600	ICP @ 1800
EMTB		EDWARD GALIPEAULT		1	N	ICP @ 0600	ICP @ 1800
EMTB		TIMOTHY ROGERS		1	N	ICP @ 0600	ICP @ 1800
7. Control Operations							
Implement contingency control line construction Support firing operations							
8. Special Instructions							
Crews need to return all fuel cans, cargo nets, and swivels.							
AVOID CULTURAL RESOURCE SITES FLAGGED WITH BLUE AND RED/WHITE STRIPING WHENEVER POSSIBLE, AVOID DOZER OPERATIONS WITHIN RIPARIAN HABITATS AND STREAM (WITHIN 300 FT. WITH WATER; 100 FT. WITHOUT WATER). WHEN UNAVOIDABLE, USE MINIMUM WIDTH AND DEPTH OR CROSS STREAMS IN IN ROCKY AREAS.							
9. <b>Division/Group Communications Summary</b>							
Function	Frequency - RX	Frequency - TX	Tone	System	Channel	System	Channel
Command	162.9625N	171.7875N		NIFC Grp 15	5		La Cumbre Pk.
Tactical Div/Group	168.2500N	168.2500N		NIFC	12		
Logistics							
Air to Ground	171.1375N	171.1375N		NIFC Grp 15	11		
Prepared by (Resource Unit Leader) Janelle Walker (t) / James Whiteside (t)			Approved by (Planning Section Chief) Phil Cocker, Nick Duvally (t)		Date Prepared 08/19/07		Time Prepared 0816



<b>Division Assignment List</b>			1. Branch <b>LIVE OAK CONTINGENCY BR.</b>		2. Division/Group <b>FRANKLIN GROUP</b>		
3. Incident Name <b>ZACA LIVEOAK ZONE</b>			4. Operational Period <b>08/20/07 Monday 24 Hour Shift 0600 - 0600</b>				
5. <b>Operations Personnel</b>							
Operations Chief		<b>GARY HART</b>			Division/Group Supervisor		<b>BRUCE CAMPBELL; DONALD C WRIGHT (t)</b>
Night Operations		<b>MARK P CHAMBERS</b>			Air Attack Supervisor		<b>JOEL A LANE</b>
Branch Director		<b>JEFFREY A JOHNSON;; FRANK ROYOS</b>			Safety Officer		<b>BRIAN BULGER</b>
6. <b>Resources Assigned this Period</b>							
Strike Team/Task Force/ Resource Designator		Leader		Num of Pers.	Trans. Y/N	Drop Off PT./Time	Pick Up PT./Time
CDF CRW S/T 9171G (C-171) 9/1		MARK MOCETTINI		34	N	ICP @ 0600	ICP @ 1880
CDF S/T 9488G (C-102) 8/24		KIM BERNHEISEL		37	N	ICP @ 0600	ICP @ 1880
CDF CRW S/T 9386G (C-91) 8/20		DEAN SIPES		39	N	ICP @ 0600	ICP @ 1880
CDF DOZ S/T 9428L T2 (E-493)		WILLIAM MACDONALD		3	N	ICP @ 0600	ICP @ 1880
CDF DOZ S/T 9468L T2 (E-492)		DAVID NICOLSON		4	N	ICP @ 0600	ICP @ 1880
CDF DOZ S/T 9338L T2 (E-656)		KEVIN LANGELO		1	N	ICP @ 0600	ICP @ 1880
BLM DOZ 3182 T1 (E-653) 8/23		MITCH WYLIE		2	N	ICP @ 0600	ICP @ 1880
CNTY DOZ LA CNTY #2 T2 (E-661) 8/21		DAN SHUFORD		1	N	ICP @ 0600	ICP @ 1880
PVT DOZ RBL T2 (E-731) 8/17		BUDDY RODGERS		1	N	ICP @ 0600	ICP @ 1880
TRANSPORT (E-735)						ICP @ 0600	ICP @ 1880
PVT DOZ ADAMS T2 (E-736) 8/29		TRAVIS ADAMS		1	N	ICP @ 0600	ICP @ 1880
TRANSPORT (E-736)						ICP @ 0600	ICP @ 1880
PVT DOZ HOLT T2 (E-733) 8/31		KELLY HOLT		1	N	ICP @ 0600	ICP @ 1880
TRANSPORT (E-737)						ICP @ 0600	ICP @ 1880
PVT DOZ VANGAASBEEK T2 (E-655)		GUY VAN GAASBEEK		3	N	ICP @ 0600	ICP @ 1880
FS DOZ PNF DOZ2 (T2) (E-671) 8/24		RYAN SOUTHWICK		2	N	ICP @ 0600	ICP @ 1880
FS DOZ PNF DOZ3 (T2) (E-678) 8/24		DAVID WALL		2	N	ICP @ 0600	ICP @ 1880
PVT DOZ QUALITY AG E-355 8/27		ROB MCCARY		2	N	ICP @ 0600	ICP @ 1880
PVT MAST. OPR INC (E-743) 9/1		RANDY WARREN		1	N	ICP @ 0600	ICP @ 1880
PVT MAST. OPR INC (E-742) 9/1		STEVE PAINTER		1	N	ICP @ 0600	ICP @ 1880
7. Control Operations							
Create fuelbreak above Carpenteria along the Edison access road Remove fuels in residential areas as directed							
8. Special Instructions							
Crews need to return all fuel cans, cargo nets, and swivels							
9. <b>Division/Group Communications Summary</b>							
Function	Frequency - RX	Frequency - TX	Tone	System	Channel	System	Channel
Command	168.7000N	170.9750N		NIFC Grp 15	1		
Tactical Div/Group	166.7250N	166.7250N		NIFC Grp 15	9		
Logistics							
Air to Ground	171.1375N	171.1375N		NIFC Grp 15	11		
Prepared by (Resource Unit Leader) Janelle Walker (t), James Whiteside (t)			Approved by (Planning Section Chief) Phil Cocker, Nick Duvally (t)		Date Prepared 08/19/07		Time Prepared 0815

<b>Division Assignment List</b>			1. Branch <b>LIVE OAK CONTINGENCY BR.</b>		2. Division/Group <b>FRANKLIN GROUP</b>		
3. Incident Name <b>ZACATWO</b>			4. Operational Period <b>08/20/07 Monday 24 Hour Shift 0600 - 0600</b>				
5. Operations Personnel							
Operations Chief		<b>GARY HART</b>		Division/Group Supervisor		<b>BRUCE CAMPBELL; DONALD WRIGHT (T)</b>	
Operations Chief		<b>MARK P CHAMBERS</b>		Air Attack Supervisor		<b>JOEL A LANE</b>	
Branch Director		<b>JEFFREY A JOHNSON; FRANK ROYOS</b>		Safety Officer		<b>BRIAN BULGER</b>	
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
PVT MAST BURN EQUIP (E-740) 8/30		MIKE BURNS		1	N	ICP @ 0600	ICP @ 1800
PVT MAST LIST (E-741) 9/1		JOHN LIST		1	N	ICP @ 0600	ICP @ 1800
PVT CHIP ERICK TREE (E-762) 8/31		PAUL GONZALES		1	N	ICP @ 0600	ICP @ 1800
PVT WT AQUA T2 (E-128) 8/22		JOHN MEANLY		1	N	ICP @ 0600	ICP @ 1800
TFLD		MITCH FOWLKES		1	N	ICP @ 0600	ICP @ 1800
STDZ		ROY STEPHENSON		1	N	ICP @ 0600	ICP @ 1800
STDZ		JOHN SCHMECHEL		1	N	ICP @ 0600	ICP @ 1800
DOZB		ERIC TREJO		1	N	ICP @ 0600	ICP @ 1800
DOZB		JOHN SAUNDERS		1	N	ICP @ 0600	ICP @ 1800
DOZB		MARK LINANE, JR		1	N	ICP @ 0600	ICP @ 1800
EMTP		GREG CORDES		1	N	ICP @ 0600	ICP @ 1800
EMTP		TONY SOZA		1	N	ICP @ 0600	ICP @ 1800
READ		JESSICA ILSE		1	N	ICP @ 0600	ICP @ 1800
READ		PHILIP WILSON		1	N	ICP @ 0600	ICP @ 1800
CULTURAL SPECIALIST		ALLEN THIESSEN		1	N	ICP @ 0600	ICP @ 1800
ARCH		RUSSELL SNYDER		1	N	ICP @ 0600	ICP @ 1800
ARCH		DEREK TOMS		1	N	ICP @ 0600	ICP @ 1800
7. Control Operations							
<p>Create fuelbreak above Carpenteria along the Edison access road  Remove fuels in residential areas as directed</p>							
8. Special Instructions							
<p>Crews need to return all fuel cans, cargo nets, and swivels</p>							
9. Division/Group Communications Summary							
Function	Frequency - RX	Frequency - TX	Tone	System	Channel	System	Channel
Command	168.7000N	170.9750N		NIFC	1		
Tactical Div/Group	166.7250N	166.7250N		NIFC	9		
Logistics							
Air to Ground	171.1375N	171.1375N		NIFC	11		
Prepared by (Resource Unit Leader) Janelle Walker (t), James Whiteside (t)			Approved by (Planning Section Chief) Phil Cocker, Nick Duvally (t)			Date Prepared 08/19/07	Time Prepared 2305



<b>Division Assignment List</b>		1. Branch <b>REHAB BRANCH</b>		2. Division/Group <b>GROUP 1</b>			
3. Incident Name <b>ZACA LIVEOAK ZONE</b>		4. Operational Period <b>08/20/07 Monday 24 Hour Shift 0600 - 0600</b>					
5. Operations Personnel							
Operations Chief	GARY HART		Division/Group		WILLIAM TOWNER; RICK BURROUGHS		
Night Operations Chief	MARK P CHAMBERS		Air Attack Supervisor		JOEL A LANE		
Branch Director	SCOTT LINDGREN		Safety Officer		BRIAN BULGER		
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		
TFLD	KEVIN GRADY (t)	1	N	ICP @ 0600	ICP @1800		
CDF CRW S/T 9397G (C-109)	MARK PARRY	37	N	ICP @ 0600	ICP @1800		
CDF CRW S/T 9392G (C-110) 8/24	ANTON PROVAZNIK	40	N	ICP @ 0600	ICP @1800		
JACOBUS W/T T1 (E-582)	JIM JACOBUS	1	N	ICP @ 0600	ICP @1800		
GRADER COOPER	CARLTON COOPER	1	N	ICP @ 0600	ICP @1800		
QUALITY AG INC.	JOE LOZANO	1	N	ICP @ 0600	ICP @1800		
WILLIAM KANAYAN CAT325L E-726	CHAD LONGFELLOW	1	N	ICP @ 0600	ICP @1800		
PVT DOZ ENDICOTT T2 (E-783)	DUANE MUELLER	3	N	ICP @ 0600	ICP @1800		
DOZER-TYPE 2-R. PULS	ROBERT PULS	2	N	ICP @ 0600	ICP @1800		
FOBS	DANIEL L HORTON	1	N	ICP @ 0600	ICP @1800		
FOBS	WESLEY PAGE (t)	1	N	ICP @ 0600	ICP @1800		
READ	VALERIE HUBBARTT	1	N	ICP @ 0600	ICP @1800		
READ	JIM WEBB (t)	1	N	ICP @ 0600	ICP @1800		
7. Control Operations							
Rehab per Rehab Plan starting in Div V working toward Div Q							
8. Special Instructions							
Crews need to return all fuel cans, cargo nets , and swivels. Tom Raw will coordinate dozers for perimeter control + Rehab Group.							
AVOID CULTURAL RESOURCE SITES FLAGGED WITH BLUE AND RED/WHITE STRIPING WHENEVER POSSIBLE, AVOID DOZER OPERATIONS WITHIN RIPARIAN HABITATS AND STREAM (WITHIN 300 FT. WITH WATER; 100 FT. WITHOUT WATER). WHEN UNAVOIDABLE, USE MINIMUM WIDTH AND DEPTH OR CROSS STREAMS IN IN ROCKY AREAS.							
9. Division/Group Communications Summary							
Function	Frequency - RX	Frequency - TX	Tone	System	Channel	System	Channel
Command	169.5375N	164.7125N		NIFC Grp 15	6		
Tactical	168.6000N	168.6000N		NIFC Grp 15	10		
Logistics							
Air to Ground	171.1375N	171.1375N		NIFC Grp 15	11		
Prepared by (Resource Unit Leader) Janelle Walker (t), James Whiteside (t)		Approved by (Planning Section Chief) Phil Cocker, Nick Duvally (t)		Date Prepared 08/19/07		Time Prepared 0814	





**AIR OPERATIONS SUMMARY** OPERATIONAL PERIOD DATE: 8/20/07 START: 0600 END: 2030 SUNRISE: 0619 SUNSET: 1942

1. INCIDENT NAME: Zaca Fire	2. PREPARED BY: Wes Shook	PREPARED DATE/TIME: 8/19/07 2000	3. # OF COPIES NEEDED:
<b>4. REMARKS (Safety Notes, Hazards, Air Operations Special Equipment, etc.): MEDEVAC A/C: SBC-308</b> Ensure transponders are on 1255 and altitude reporting is on. GPS settings: hddd°mm.mmm' with WGS 84 selected as the map datum. RETARDANT PLANT UP AND AVAILABLE AT CASITAS & RANCHO HELIBASES ALTIMETER SETTINGS TO BE GIVEN BY SMX ATB PRIOR TO 0730 MEETING. CALLED INTO HELIBASES AND F/W BASES <b>Helicopter Managers &amp; ATGS Track where loads are dropped, which Divisions and Amounts.</b>			<b>5. TFR: 7/3838</b> During Daylight 12,000 MSL and below. Night down to 10,000 MSL. Contract FREQ is 136.325

6. PERSONNEL		7. FREQUENCIES			8. FIXED WING	
	Phone		AM	FM		# Avail / Type/ Make-Model / FAA N# / Base(s)
AOBD Live Oak: Wes Shook AOBD Richardson: Belinda McCandliss	805-964-8465 559-288-9276	AIR/AIR FW:		151.2725	AIRTANKERS	4 Seat's 10 Airtankers on Order T-07 / P2V T-55 / P2V
ASGS Live Oak: Darlene Hall ASGS Richardson: John Keesee	530-310-3557 805-551-6422	A/A RW South:	136.125		LEADPLANES	ASM 31W B5
		A/A RW North:	134.875			
ATGS South: Joel Lane ATGS South: Mike White	559-310-0774 619-672-1638	AIR BRIEFING	136.325		AIR TACTICAL PLATFORMS	AA-07, A-29 AA-1ZJ, A-224 AA-13R, A-203 ATGS – Determine if FOX is closer to Incident then Santa Maria
ATGS North: Gus Johnson ATGS North: Boyd Turner ATGS Relief: Kent Haskins	559-708-3570 530-640-0616 661-330-0133	AIR/ GROUND: Live Oak	171.1375		Santa Maria Air Attack Base	Sheryl Woods 805-937-5059 Ext 204 Cell 805-455-5917.
HEBM Rancho: Steadman, Stratton Helibase Rancho:	760-207-4325	AIR/GROUND: Richardson	172.8125		Special Instruction	Victorville 760-246-3127
HEBM Richardson: Wayne Cannon/Ramiriz(T)	661-965-8679	DECK Rancho Tac DECK Rancho Log DECK Richardson	163.100 168.550 163.100			
HEBM Heavy Casitas: N34°25.319 x W119°21.020 FAX:	805-649-8918 805-649-8917	DECK Heavy	168.350			
ICP Air Fax Dispatch	805-967-2137 805-961-5727	TOLC Rancho TOLC Richardson TOLC Casitas	136.075		Web address for Aviation Map	<a href="ftp://ftp.nifc.gov/Incident_Specific_Data/CALIF_S/2007/2007_Zaca/GIS/PRODUCTS">ftp://ftp.nifc.gov/Incident_Specific_Data/CALIF_S/2007/2007_Zaca/GIS/PRODUCTS</a> Click on Incident Date: ie 20070820
HLCO: Tony Duprey HLCO: Stan Kubota		COMMAND:	See IAP Communications Plan			
TORCH BASE – Bill Lambert,	530-598-4128	Air Guard	168.6250			

**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
HT-762	I	S-61 Tanked	Heavy	0700	0730	USFS / A-14	H-69J	I	Bell 214 - Tanked	Heavy	0700	0730	
H-43T	I	S-61 Bucket	Heavy	0700	0730	USFS / A-17	H-821	I	UH-60 Bucket	Heavy	0700	0730	CNG / A-271
H-4CH	I	B-107 Bucket	Heavy	0700	0730	USFS / A-11	H-835	I	UH-60 Bucket	Heavy	0700	0730	CNG / A-333

H-308	II	Bell 205	Rancho	0700	0730	SBC / A-21	H-527	II	Bell 212	Rancho	0700	0730	USFS / A-23
H-502	II	Bell 212	Rancho	0700	0730	USFS / A-247	H-528	II	Bell 212 HP	Rancho	0700	0730	USFS / A-88
H-517	II	Bell 212	Rancho	0700	0730	USFS A-322	H-538	II	Bell 212 HP	Rancho	0700	0730	USFS / A-126
H-1109	III	LAMA	Rancho	0700	0730	CWN / A-160	H-507	III	Cobra HLCO	Rancho	0700	0730	USFS / A-364
H-68X	III	Bell B-3	Rancho	0700	0730	CWN / A-275	H-509	III	Cobra IR	Rancho	0700	0730	USFS / A-10,000
H-2EA	III	Bell B-3 IR	Rancho	0730	0730	CWN / A-57							
<b>RICHARDSON HELIBASE</b>													
H-917	I	S-61 Bucket	Richard	0800	0830	A-13	H-553	III	Bell B-3	Richard	0700	0730	CWN / A-268
H-554	II	Bell 205	Richard	0700	0730	BLM / A-237	H-525	III	A-Star B-3	Richard	0700	0730	USFS / A-259
H-530	II	Bell 212	Richard	0700	0730	USFS / A-24	H-88B	III	Bell 206L4	Richard	0700	0730	CWN / A-204

**10. TASK/MISSION/ASSIGNMENT (Use ICS-220a if additional space needed; Type/Function includes: Air Tactical, Retardant, Recon, Personnel Transport, Water Dropping, etc.)**

TYPE/FUNCTION	NAME OF PERSONNEL OR CARGO (if applicable) OR INSTRUCTIONS FOR TACTICAL AIRCRAFT	MISSION START	FLY FROM	FLY TO
<b>LIVE OAK</b>				
<b>Recon</b>	Please request missions thru Helibase	0900	RANCHO	
<b>Water drops/Retard.</b>	Priorities Division VV / Division ZZ / Division UU     3 Type 1's Available for Burn Support	0700	CASITAS	
<b>Helispot Construction</b>				
<b>Firing</b>	Under direction of firing group. The use of VNC Ship for Helitorch	0630	ROMERO	
<b>Rappel</b>				
<b>Logistics</b>				
<b>Personnel Transport</b>	Fly crews into Olgivy Ranch / SB County Crews / Total – 4 Crews 80+	0800	RANCO	OLGIVY

<b>RICHARDSON</b>				
<b>Recon</b>	Recons as requested and HLCO			
<b>Water Drops/Retard.</b>	As requested and in support of Firing operations			
<b>Helispot Construction</b>				
<b>Firing</b>	PSD /Helitorch Operations			
<b>Personnel Transport</b>				
<b>Logistics</b>				

All aviation modules/resources are to check in with the Planning Section and Time Unit Leader when assigned to the incident. Crew Time Reports are to be completed daily and signed by the appropriate supervisor. Aviation modules shall ensure that all personnel not assigned to positions in the aviation organization or required for module management are readily available for line assignment. Trainees for either aviation or line positions shall be identified to the Air Support Group Supervisor to maximize training opportunities on the incident.

Upon full activation of the Incident Base Camp, Aviation Modules shall use government provided facilities, when travel does not exceed travel local in nature [standard shall be 30 minutes travel time, aviation facility to Base Camp]. The procurement of motel rooms or meals is not authorized by the government as stated in the travel regulations unless prior approval is requested in writing and signed by the Incident Commander. The use of government travel cards to procure such services is illegal.

Full compliance of established safety standards as outlined in the variety of agency aviation guides shall be adhered to by aviation personnel.



# Health & Safety Message

## ZACA Incident

*Safety is good business because we all profit*

CIIMT 4  
OPLIGER

Mon. Aug. 20, 2007  
DAY OPERATIONS

# MANAGE FATIGUE REMEMBER -- FATIGUE IS CUMULATIVE!!!!

(It's going to be a long and active fire season)

L  
C  
E  
S

- MONITOR YOUR EMPLOYEE FOR EXCESSIVE FATIGUE
  - ENSURE YOU ARE GETTING ADEQUATE REST
  - GET CARE OF ANY MINOR MEDICAL NEEDS BEFORE THEY GET THE WORSE
  - CONSIDER PREVENTATIVE CARE, SUCH AS VITAMINS
  - DRINK ADEQUATE AMOUNTS OF WATER DAILY
- TAKE ADEQUATE BREAKS DURING THE DAY

SAFETY IS SOMETHING THAT IS BROUGHT BY EVERYONE TO THE INCIDENT. IT IS NOT SOMETHING THAT IS CREATED BY THE SAFETY FUNCTION, WE ARE THE REMINDERS.

WITHOUT A GOOD UNDERSTANDING OF THE BASICS, THE FOUNDATION OF SAFETY, ALL WE TRY TO BUILD ON TOP OF THAT WILL COLLAPSE. ENSURE THAT YOU PROVIDE TIME FOR OUR PERSONNEL TO ASK THE QUESTIONS AND GET THE ANSWERS SO THEY DEVELOP THAT SOLID FOUNDATION.

TAKE CARE OF THE SMALL THINGS (BLISTERS, HOT SPOTS, COLDS) BEFORE THEY GET LARGER. IT IS THE COMBINATION THE LITTLE THINGS THAT GANG UP ON US AND HURT.

L  
C  
E  
S

### DRIVING

Watch those speeds. Leave earlier, drive with courtesy. As speeds increase, so does the risk to you and your fellow firefighters. Keep that professional attitude and yourself alive.

### Follow the

Medical Plan (206) closely! In an emergency, limit radio traffic to those identified in the plan.



Today's discussion is from the  
Fireline Safety Category.

**Scenarios:**

[Scenario 1](#)

[Scenario 2](#)

[Six Minutes Home Page](#)

## **BACKFIRING OR BURNOUT OPERATIONS**

Backfiring or burnout operations are often critical operations in the fire management job. If planned and executed correctly, they can speed control of a fire and greatly reduce suppression costs. Conversely, if done incorrectly, they can endanger personnel, extend control time and increase cost. Safety considerations must always be given first priority. No backfiring or burnout action, regardless of strategic importance or other critical factors, is worth risking one human life!

- Backfiring or burnout operations must not jeopardize the safety of personnel or equipment or compromise suppression actions on adjacent portions of the fireline.
- One qualified individual must be responsible for controlling and directing the firing operation.
- Before beginning backfiring or burnout operations, assure that:
  - Lookouts are posted.
  - Communications are established with both firing and holding teams.
  - Escape routes and safety zones are established, known to all resources, and will not be compromised by the firing operations.
- If it is necessary, and time allows, concentrations of fuel adjacent to and inside the control line should be removed.
- Fuel outside the control line may be removed; concentrations of fuel may be scattered, covered with foam or wet down, or treated by ground or aerial retardant applications.
- Critical points such as hooks in the fireline, saddles or canyon may require extra holding forces.

**References:**

Fireline Handbook--PMS410-1, NFES0065, NWCG

Standards for Fire and Aviation Operations, BLM, [www.fire.blm.gov/Standards/redbook.htm](http://www.fire.blm.gov/Standards/redbook.htm)

INCIDENT ACTION PLAN SAFETY ANALYSIS									Incident Name <b>Zaca Fire - Live Oak Zone</b>			Operational Period Date / Time <b>08-20-2007 0600-0600</b>						
LCES* Analysis of Tactical Applications Lookouts Communications Escape routes Safety zones										Other Risk Analysis								
Division/Group	Indirect Fireline	Downhill Fireline	Underslung Fireline	Midslope Fireline	Frontal Assault	Anchor Points	Extreme Conditions (Spotting, Wind-driven) Fuels Driven	Burn-Out/Firing	Hazard Trees (SNAGS)	Unburned Area	LCES Mitigations	Heavy Equipment	Transportation 1 HR +	Communications	Structure Protection	Fatigue/dehydration	Multi-Aircraft	Other Risk Mitigations
Branch VII P										X	<u>All Divisions:</u> 1. Insure L.C.E.S. are in place, if not re-evaluate and mitigate		X	X		X		<u>Transportation:</u> 1. Wear seatbelts. Drive defensively, with lights on. Obey posted speed limits. Hwy 154 is now open to thru traffic.
ZZ	X						X	X		X	2. Utilize the 10 & 18 3. Monitor weather and expect changes		X	X		X	X	2. Allow for two way traffic, park off the road, utilize backers, park facing route out.
M										X	4. Maintain good situational awareness and monitor for any spot weather forecasts, have a contingency plan for changes.		X	X			X	<u>Aircraft:</u> During all drop activities, make sure crews are in a safe area, watch for rolling material.
Branch IX TT										X	5. Use P.P.E. when brushing and chipping. Brief crews on JHA chipping training.							<u>Communication:</u> 1. Use only assigned frequencies
UU										X	6. Establish decision/trigger points and adjust appropriately		X	X		X	X	
VV	X						X	X		X			X	X		X	X	





MEDICAL PLAN		1. INCIDENT NAME <b>ZACA LIVEOAK ZONE</b>		2. DATE PREPARED 8/19/07		3. TIME PREPARED 19:00		4. OPERATIONAL PERIOD 8/20/07 0600-0600					
5. INCIDENT MEDICAL AID STATIONS													
MEDICAL AID STATIONS				LOCATION				PARAMEDICS					
								YES		NO			
MEDICAL UNIT				ICP @ LIVE OAK CAMP (805) 967-6430				X					
6. TRANSPORTATION													
A. AMBULANCE SERVICES													
NAME			ADDRESS			PHONE		PARAMEDICS					
								YES		NO			
AMR			ZACA ICP			DISPATCH THRU MEDICAL UNIT		X					
SBC H-308 Hoist Capable/ Night Vision/ALS -24/7			Rancho Helibase-Day Gibraltar Dam-Night			(805)692-5723		X					
CAL STAR			Santa Maria Airport			(805)546-1915		X					
7. HOSPITALS													
NAME		ADDRESS		TRAVEL TIME		PHONE		Trauma		HELIPAD		BURN CENTER	
				AIR GRND				Yes No		YES NO		YES NO	
Santa Barbara Cottage Hospital		Pueblo at Bath, in Santa Barbara (Level II Trauma Ctr.)		N/A 25		(805)682-7111		X				X	
Goleta Valley Hospital		351 S. Patterson Ave. Goleta LAT: 34.26.02 LONG: 119.48.31 (Level III Trauma Ctr.)		10 25		(805)967-3411		X		X			
Marian Medical Center		1400 E. Church, Santa Maria LAT: 35.0.6 LONG: 120.17.9		15 1 HR		(805)739-3200		X		X			
Santa Ynez Valley Hospital		700 Alamo Pintado Solvang		30		(805)686-3989		X				X	
Buellton Medical Clinic		185 West Hwy 246 #102 Buellton		30		(805)686-8555		X				X	
Grossman Burn Center		4929 Van Nuys Blvd. Sherman Oaks		1 HR		(805)907-4580				X		X	
8. MEDICAL EMERGENCY PROCEDURES													
<p><b>LINE EMERGENCY:</b> Crew Supervisor to contact DIVS with patient complaint/condition and location.</p> <p>1) DIVS contacts:</p> <ul style="list-style-type: none"> <li>Line EMT</li> <li>Communications Unit</li> <li>Operations / Branch</li> </ul> <p>2) On scene EMT or Medical Unit Leader decides mode of transportation required.</p> <p>3) Communications Unit contacts:</p> <ul style="list-style-type: none"> <li>Helibase for AIR EVAC only</li> <li>Medical Unit</li> <li>Safety</li> </ul> <p>4) Helibase makes decision for type of helicopter needed for AIR EVAC</p> <p>5) Operations will manage medical emergency with input from Medical Unit</p>				<p><b>CAMP EMERGENCY:</b> Contact Medical Unit with patient complaint/condition and location. Medical Staff will respond to stabilize incident:</p> <ul style="list-style-type: none"> <li>Medical Unit contacts:</li> <li>Communications</li> <li>Safety</li> <li>Logistics</li> <li>Operations</li> <li>Crew Supervisor</li> </ul>				<p><b>TRIAGE CONSIDERATIONS (S.T.A.R.T)</b></p> <p>Respirations: Over 30/ Under 12 = <b>Immediate</b></p> <p>Capillary Refill Over 2 seconds = <b>Immediate</b></p> <p>Mental Status Disoriented = <b>Immediate</b></p> <p><b>Immediate = Air Evac if possible</b></p>					
9. PREPARED BY (MEDICAL UNIT LEADER) Eric Williams MEDL						10. REVIEWED BY (SAFETY OFFICER) Brian Bulger SOF1							

**To be used on the Live Oak Zone of the Zaca Incident**

INCIDENT RADIO COMMUNICATIONS PLAN <b><u>GROUP 15</u></b>			Incident Name <b>ZACA, Live Oak Zone</b>				Date/Time Prepared AUG 19, 2007 18:30		Operational Period Date/Time AUGUST 20, 2007 0600 AUGUST 21, 2007 0600		
Ch #	Function	Channel Name	Assignment	RX Freq	N or W	RX Tone	TX Freq	N or W	Tx Tone	Mode	Remarks
1	COMMAND	NIFC CMD 1	BRANCH IX	168.7000	N		170.9750	N		A	Location: Monte Arido
2	COMMAND	NIFC CMD 3	<b>BRANCH IX</b>	168.0750	N		170.4250	N		A	Location: Nordoff Peak
3	TACTICAL	Live Oak TAC 1	Firing Group	170.3875	N		170.3875	N		A	
4	COMMAND	NIFC CMD 5	BRANCH V	167.1000	N		169.7500	N		A	Location: Big Pine Mt.
5	COMMAND	NIFC CMD 7	BRANCH V, VII, IX, <b>Live Oak Contingency Branch</b>	162.9625	N		171.7875	N		A	Location: La Cumbra Pk.
6	COMMAND	NIFC CMD 8	BRANCH V, VII, IX	169.5375	N		164.7125	N		A	Location: Little Pine Pk.
7	TACTICAL	Live Oak TAC 2	Division TT	170.3625	N		170.3625	N		A	
8	TACTICAL	NIFC TAC 4	DIV. M, ZZ, WT Group	164.1375	N		164.1375	N		A	
9	TACTICAL	NIFC TAC 5	<b>DIV. N/O, Franklin &amp; Montecito Group</b>	166.7250	N		166.7250	N		A	
10	TACTICAL	NIFC TAC 3	DIV. P, Staging, <b>Rehab Group</b>	168.6000	N		168.6000	N		A	
11	AIR GROUND	AIR GND	Live Oak Zone	171.1375	N		171.1375	N		A	
12	TACTICAL	NIFC TAC 7	DIV. Q,R,S,T, Romero, <b>Camuesa Group</b>	168.2500	N		168.2500	N		A	
13	TACTICAL	NIFC TAC 6	<b>Div. UU/ V V, Dozer Group</b>	166.7750	N		166.7750	N		A	
14	EMERGENCY	AIR GUARD	ALL DIVISIONS	168.6250	N		168.6250	N	110.9	A	Urgent Aircraft Contact
15	EMERGENCY	AIR GUARD	ALL DIVISIONS	168.6250	N		168.6250	N	110.9	A	Urgent Aircraft Contact
16	EMERGENCY	AIR GUARD	ALL DIVISIONS	168.6250	N		168.6250	N	110.9	A	Urgent Aircraft Contact
5. Prepared by (Communications Unit) Sal Bonilla, CIIMT 4, COML                      Brian Diemer, CIIMT 4, COML(T)						Incident Location County :SANTA BARBARA State: CA      Fire Latitude    34.48.258 N Longitude    120.04.460 W					

**To be used during IA in support of the Los Padres NF**

<b>INCIDENT RADIO COMMUNICATIONS PLAN</b>  <b><u>GROUP 14</u></b>	Incident Name  <b>ZACA, LPF IA Support</b>	Date/Time Prepared AUG 14, 2007 18:30	Operational Period Date/Time AUGUST 19, 2007 0600 AUGUST 20, 2007 0600
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Ch #	Function	Channel Name/Trunked Radio System Talkgroup	Assignment	RX Freq N or W	RX Tone/NAC	TX Freq N or W	Tx Tone/NAC	Mode	Remarks
1	LPF For Net Direct	LPF Dispatch	IA Use	170.5500 N		170.550 N	131.8	A	<b>Forest Net Direct</b>
2	LPF Forest Net Repeater	LPF Dispatch	IA Use	170.5500 N		169.9000 N		A	<b>Forest Net Repeater</b>
3	LPF Forest Net F3	LPF Tac	As Assigned	170.4750 N		170.4750 N		A	<b>Forest Net F3</b>
4	LPF Forest Net F4	LPF Tac	As Assigned	172.3500 N		172.3500 N		A	<b>Forest Net F4</b>
5	R5 Crew	NIFC Tac 2	IA Use	168.2000 N		168.2000 N		A	<b>R5 Crew Net</b>
6	Air to Ground	FS Air to Ground	IA Use	170.0000 N		170.0000 N		A	<b>USFS Air to Ground</b>
7	SN F1	Service Net	As Assigned	171.5500 N		171.5500 N		A	<b>Service Net F1</b>
8	SN Repeater	Service Net	As Assigned	171.5500 N		172.3250 N	131.8	A	<b>Service Net Repeater</b>
9	White 2	State Tactical	As Assigned	154.2650 W		154.2650 W		A	
10	White 3	State Tactical	As Assigned	154.2950 W		154.2950 W		A	
11	COMMAND	NIFC CMD 7	As Needed	162.9625 N		171.7875 N		A	<b>On La Cumbra Pk, Com back to Live Oak ICP</b>
12	COMMAND	NIFC CMD 5	BRANCH V	167.1000 N		169.7500 N		A	<b>BIG PINE MT, Com back to Live Oak ICPP</b>
13	COMMAND	NIFC CMD 8	BRANCH V	169.5375 N		164.7125 N		A	<b>Little Pine Pk. Div:P, R, S Paradise, Fremont Groups</b>
14	EMERGENCY	AIR GUARD	ALL DIVISIONS	168.6250 N		168.6250 N	110.9	A	<b>Urgent Aircraft Contact</b>
15	EMERGENCY	AIR GUARD	ALL DIVISIONS	168.6250 N		168.6250 N	110.9	A	<b>Urgent Aircraft Contact</b>
16	EMERGENCY	AIR GUARD	ALL DIVISIONS	168.6250 N		168.6250 N	110.9	A	<b>Urgent Aircraft Contact</b>

5. Prepared by (Communications Unit) Sal Bonilla, CIIMT 4, COML                      Brian Diemer, CIIMT 4, COML(T)	Incident Location County :SANTA BARBARA County State: CA
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