

Incident Action Plan
For The
Zaca Fire
Richardson Zone

Night
Operational Period
Monday
August 13-14, 2007
1800-0600

CA-LPF-001087
P5DP4U



California Interagency Incident Management Team 5

INCIDENT OBJECTIVES	1. Incident Name ZACA	2. Date Prepared 8/13/07	3. Time 1200															
4. Operational Period NIGHT August 13-14, 2007 1800-0600																		
5. Core Values-All Incidents, All the time ★ Safety is a core value and is to be integrated into all incident activities.																		
6. General Control Objectives for the Incident (include alternatives) Operational Objectives: <ul style="list-style-type: none"> ● Keep Fire: <ul style="list-style-type: none"> ★ North of Catway Rd. (Zaca ridge Rd) and the line running from Drop Point 12 south east to Buckhorn Road to Divide Peak ★ West of the Matillja Wilderness to Portrero Seco to Hwy 33 ★ South of Sierra Madre Ridge roads ★ East of Peak Mountain to Bald Mountain to Figueroa Mountain Peaks. ● Minimize loss of property and infrastructure ● Coordinate Contingency Efforts with Front Country Zone ● Utilize the full range of suppression strategies as weather fuels and terrain permit Management Objectives <ul style="list-style-type: none"> ★ Fiscal: Ensure activities are cost effective and reflect jurisdictional responsibilities. Provide for proactive Community, Tribal, and Public/Media Relations ★ Identify and mitigate impacts to cultural and natural resources 																		
7. Priorities <ul style="list-style-type: none"> ★ <u>Live Oak Zone:</u> Division P, Branch VII and Paradise ★ <u>Richardson Zone:</u> Divisions CC, DD, EE. 																		
8. General Safety Message SEE HEALTH AND SAFETY MESSAGE																		
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 checked="" type="checkbox"/> Training Message</td> <td><input type="checkbox"/></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 checked="" type="checkbox"/> Training Message	<input type="checkbox"/>
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<input checked="" type="checkbox"/> Air Operations Summary – ICS 220	<input checked="" type="checkbox"/> Training Message	<input type="checkbox"/>																
9. Prepared by (Planning Section Chief)		10. Approved by (Incident Commander)																

ORGANIZATION ASSIGNMENT LIST		9. Operations Section		
1. Incident Name Zaca Fire – Richardson Zone		Operations Chief	Les Curtis	
2. Date 8/13/2007	3. Time 1200			
4. Operational Period NIGHT August 13-14, 2007 1800-0600		Planning Ops.	Don Smith	
5. Incident Commander & Staff		a. Branch XXV		
Incident Commander	Mike Dietrich	Branch Director	Don Forsyth	
Deputy IC	Tim Sexton	Division	AA / BB	Unstaffed
Information Officers	Leona Roderick/ Sue Exline	Division	CC / DD / EE	Paul Gaines, Greg Long (T), Tom Browning
Human Resource Specialist	Gary Samaha	Division		
Safety Officer	Marty Hamel / Dave Morton	Division		
Liaison Officer	Randy Graham	Division		
		Group		
		Group		
6. Agency Representatives		b. Branch XXVII - Unstaffed		
Agency	Name	Branch Director		
USFS	Tom Kuekes / John Bridgewater	Group		
Cal Fire	Greg Pisano / Byron Darrington (T)	Group		
OES	Ish Messer			
SB SO	Joe Smith / Paul Weirum	c. Branch XXVIII - Unstaffed		
KRN	Bob Kleinhoff	Branch Director		
VNC	Mark Sanchez	Division		
BLM	David Brinesfield	Division		
		c. Branch		
		Branch Director		
		Division		
		Division		
		d.		
7. Planning Section		e. Air Operations Branch		
Chief	Tim Baal	Air Operations Branch Director		Belinda McCandliss
Deputy	Roy Dull			
Computer Specialist	Dave Camp	Helibase Manager		Curt Warner
Situation Unit	Mark Steele/ Dan Ochocki	Air Attack Supervisor		Boyd Turner
Resource Unit	Thom Walsh / Heather Wood (T)	Air Support Supervisor		John Keesee / Brian Stepes (T)
Meteorologist	Jeff Tonkin	Helicopter Coordinator		
Fire Behavior Analyst	Carol Henson	10. Finance Section		
Demobilization Unit	Bob Hawkins	Chief	Teresa Fork	
Documentation Unit	Gary Thompson	Time Unit	Maggie Prochazka	
Training Specialist	Rick Alpert	Procurement Unit	Byron Brown	
Resource Advisor	Gary Montgomery, LPF Melody Fountain, LPF John Madden, LPF	Compensation/Claims	Elaine Downing	
		Cost Unit	Mary Glenn	
8. Logistics Section				
Chief	Carl Rogge			
Deputy	Dave Marion			
Supply Unit Leader	Mike Bradford			
Facilities Unit	Bill Fouts			
Ground Support Unit	Gary Roglin / Mike Nelson			
Communications Unit	Hern Crane	Prepared by (Resource Unit Leader) Thom Walsh		
Medical Unit	Robert Russell			
Food Unit	Bruce Ungari			
Security	John Blachicy			

Incident Weather Forecast

FORECAST NO: 1 N

NAME OF INCIDENT: Zaca 2 - Richardson Zone

PREDICTION FOR: Mon Night/ Early Tue Morn Shift

UNIT: LPF

SHIFT DATE: Aug 13/14, 2007

SIGNED:

TIME AND DATE 1100 PDT Monday

FORECAST ISSUED: August 13, 2007

Jeff Tonkin
Incident Meteorologist
Zaca 2

***** RED FLAG WARNING IN EFFECT FOR LOW RH AND GUSTY WINDS
THROUGH WEDNESDAY MORNING *****

WEATHER DISCUSSION: Very warm and dry conditions will continue this evening and persist through the morning hours. Winds will reflect the similar diurnal pattern seen the last few days. The eastern Portion of the perimeter (east of div. EE) depicts significantly drier conditions than the west and look for that pattern to continue as well. The only subtle change expected tonight will be a slight increase in northeasterly winds at elevations above 5000 ft.

WEATHER FORECAST FOR TONIGHT/EARLY TOMORROW:

WEATHER: Smoke diminishing...becoming mainly clear.

TEMPS: (temps 10 degrees higher east of Div EE)

	<u>Near 3500 ft</u>	<u>Near 5200 ft</u>
1900 PDT	80-85	70-74
2300 PDT	74-78	62-66
0300 PDT	58-63	60-64
0700 PDT	69-74	74-78

HUMIDITY: (rh 10% lower east of Div EE)

	<u>Near 3500 ft</u>	<u>Near 5200 ft</u>
1900 PDT	17-25%	22-28%
2300 PDT	29-34%	28-32%
0300 PDT	32-38%	36-40%
0700 PDT	20-24%	16-22%

20 FT WINDS:

RIDGETOP - 1900-2200 PDT...Northwest to Northeast 3-6 mph.
2200-0700 PDT...East and Northeast 8 to 12 mph...Gusts to 16 mph.

SLOPE/VALLEY - 1900-2200 PDT...West or Upslope/UpCanyon 3-6 mph.
2200-0700 PDT...East or Downslope/DownCanyon 3 - 6 mph.
(Expect Stronger gusts to 10 mph with east to west alignment)

MIXING HEIGHT: Inversion around 5000 ft.

TRANSPORT WIND: East 3 to 7 mph at the surface...turning to SouthSouthwest above 6000ft.

Tuesday Night:

Clear with smoke diminishing. Lows 72-77 ridges, 62-67 valleys. Max Relative Humidity 25-35%. Ridge Winds...Northeast 5-9 mph...increasing to 12-16 mph after midnight. Slope / Drainage winds east or downslope 2 to 5 mph with higher gusts to 10 mph along east to west orientated terrain.

Wednesday Night: Clear. Lows: 57-65. Max RH: 30-40%. Ridge Wind: NE 4 to 6 during the night and morning hours.

Thursday through Friday...Clear and a little cooler. Lows 54 to 60. Ridge winds: Northeast 2-4 mph night and morning. Slope winds: east or downslope 3 to 4 mph.

FIRE BEHAVIOR FORECAST

FORECAST NUMBER: 7	TYPE OF FIRE: SURFACE
FIRE NAME: ZACA – Richardson Zone	OPERATIONAL PERIOD: 8/13-14/2007 Night Shift
DATE ISSUED: 8/13/07	TIME ISSUED: 1230
UNIT: SANTA BARBARA COUNTY /LOS PADRES NF	SIGNED: Carol Henson

INPUTS

WEATHER SUMMARY

Very warm and dry condition will continue this evening and persist through the morning hours. Winds will reflect the similar diurnal pattern seen the last few days. The eastern portion of the perimeter (east of Div. EE) depicts significantly drier conditions than the west and look for that pattern to continue as well. The only subtle change expected tonight will be a slight increase in northeasterly winds at elevations about 5,000-feet.

SEE ATTACHED INCIDENT METEOROLOGIST WEATHER FORECAST.

Live Fuel Moistures are below critical at around 49% at Reyes Creek/Ozena.

FIRE BEHAVIOR

GENERAL: The fire will remain very active throughout the night due to poor nighttime humidity recovery and extremely dry fuels. Flame lengths of up to 70-feet are possible. Northeasterly ridge winds are favorable for firing operations from the Sierra Madre Ridge. Winds are expected to shift from Northwest and Northeast to East and Northeast at around 2200 but should continue to assist holding the firing operations.

SPECIFIC

Division CC and DD – There's sufficient heat in lower sections of the Sisquoc for the fire to align with slope and wind to make runs up Logan Canyon, unburned portions of Judell Canyon, and smaller unnamed drainages through the night until around 0400. Fire activity should moderate until around 0600 then activity will start to increase.

Firing operations - Fire should carry well in the light flashy fuels until around midnight to 0200 when humidity is expected to increase. The brush is dry enough that once ignited and sufficient heat is generated will carry fire well through the night especially if aligned with slope and wind. If firing is stopped, make sure that it's at a place that won't pose problems for the day shift tomorrow where winds are forecasted to switch to west-southwest around 1000.

AIR OPERATIONS: Visibility for aircraft will be poor in the Sisquoc River and east of Big Pine Mountain late afternoon to early evening until aircraft shut down for the night.

SAFETY

- As firing progress, it is important to be situationally aware of the fire's status, how the firing is progressing, fire weather, fire behavior, your location in relation to drainages/canyons, and locations of escape routes and safety zones.

DIVISION ASSIGNMENT LIST				1. Branch		2. Division/Group AA/BB	
3. Incident Name Zaca Fire – Richardson Zone				4. Operational Period Night Shift Date: 08/13-14/2007 Time: 1800-0600			
5. Operations Personnel							
Operations Chief		Les Curtis		Division/Group Supervisor			
Branch Director				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
UNSTAFFED							
7. Control Operations							
8. Special Instructions							
9. Division/Group Communication Summary							
Function	Frequency	System	Channel	Function	Frequency	System	Channel
Command	Rx 166.6125 N Tx 168.4000 N Tone 123.0	NIFC C-4	1				
Tactical	173.9125 N	R5 TAC 4	3	Air to Ground	172.8125 N	AIR GND 1	6
Prepared By (Resource Unit Leader)			Approved By (Planning Sect. Ch.)		Date		Time
Heather Wood			Tim Baal		08/13/2007		1200

ICS 204

NFES 1328

DIVISION ASSIGNMENT LIST				1. Branch XXV		2. Division/Group CC/DD/EE		Pg 1	
3. Incident Name Zaca Fire – Richardson Zone				4. Operational Period NIGHT Shift Date: 08/13-14/2007 Time: 1800-0600					
5. Operations Personnel									
Operations Chief		Les Curtis		Division/Group Supervisor			P.Gaines/G.Long(T)/T.Browning		
Branch Director		Don Forsyth		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	
CRW2 Cobras 4		Partillo/J.Torres (T)		20	N	ICP / 1500		ICP / 0600	
CRW2 Cobras 5		Chapman/Bray (T)		20	N	ICP / 1500		ICP / 0600	
CRW2 Black Eagles 4		Jason Mitchell		19	N	ICP / 1500		Per DIVS	
CRW1 Horseshoe Meadows		Joe Gonzales		20	N	ICP / 1600		Per DIVS	
ENG S/T 9420C		Barnie Quinn		21	N	ICP / 1500		ICP / 0600	
ENG S/T 9440C		Kevin O'meara		21	N	ICP / 1500		ICP / 0600	
ENG S/T 6632C		H.Walker/E.Guidi (T)		27	N	ICP / 1500		Per DIVS	
ENG S/T 1538C		Gerry Kuras Eric Peterson (T)		18	N	TBA		ICP / 0600	
WT2 Water in Motion(E-10141)		Phil Henderson		1	N	Per DIVS		Per DIVS	
WT2 Martin (E-10122)		Chris Martin		1	N	Per DIVS		Per DIVS	
WT2 24hr Kurz Trk (E-10059)		Jeff Kurz		1	N	Per DIVS		Per DIVS	
WT2 24hr King (E-10086)		Pat Stalder		1	N	Per DIVS		Per DIVS	
WT2 24hr Bogan (E-10085)		Chuck Fry		1	N	Per DIVS		Per DIVS	
WT2 24hr Carver (E-10083)		Stanley Carver		1	N	Per DIVS		Per DIVS	
WT2 24hr Santana (E-10019)		Dirk Cowley		1	N	Per DIVS		Per DIVS	
WT2 24hr South Valley (E-10057)		James Brackeen		1	N	Per DIVS		Per DIVS	
7. Control Operations									
Monitor, hold, and continue firing ops as directed by Operations.									
8. Special Instructions									
Water tenders E-10141, E-10122, E-10086, E-10059 primary function is operational support, secondary function is roads.									
Water tenders E-10085, E-10083, E-10019, E-10057 primary function is roads, secondary function is operational support.									
9. Division/Group Communication Summary									
Function	Frequency		System	Channel	Function	Frequency		System	Channel
Command	Rx 168.1000 N Tx 170.4500 N		NIFC C-2 Rpt	2	Tactical	172.2750 N		Burn TAC	9
Tactical	173.9125 N		R5 TAC 4	3	Air to Ground	172.8125 N		AIR GND 1	6
Prepared By (Resource Unit Leader)			Approved By (Planning Sect. Ch.)			Date		Time	
Heather Wood			Tim Baal			08/13/2007		1230	

DIVISION ASSIGNMENT LIST				1. Branch XXV		2. Division/Group CC/DD/EE		Pg 2		
3. Incident Name Zaca Fire – Richardson Zone				4. Operational Period NIGHT Shift Date: 08/13-14/2007 Time: 1800 - 0600						
5. Operations Personnel										
Operations Chief		Les Curtis		Division/Group Supervisor		P.Gaines/G.Long(T)/T.Browning				
Branch Director		Don Forsyth		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		
DOZ2 24hr Gratzl Equip (E-10153)		Justin Rodriguez		1	N	Per DIVS		Per DIVS		
DOZ2 24hr Johnson (E-10178)		Chad Johnson		1	N	Per DIVS		Per DIVS		
DOZ2 AG Const (E-10177)		Fred Nehrig		1	N	Per DIVS		Per DIVS		
DOZB		Todd Leake		1	N	Per DIVS		Per DIVS		
DOZB (T)		Kevin Aguayo		1	N	Per DIVS		Per DIVS		
DOZB		Tyler Gilliam		1	N	Per DIVS		Per DIVS		
DOZB (T)		Jason Sweet		1	N	Per DIVS		Per DIVS		
FOBS		Jerry McClelland		1	N	ICP / 1700		ICP / 0600		
FOBS (T)		Scott Gibbs		1	N	ICP / 1700		ICP / 0600		
7. Control Operations										
Monitor, hold, and continue firing ops as directed by Operations.										
8. Special Instructions										
FOBS will be positioned on Pine Mountain Summit off Highway 33 at DP-111. FOBS will take weather observations and report hourly to communications.										
9. Division/Group Communication Summary										
Function	Frequency	System	Channel	Function	Frequency	System	Channel			
Command	Rx 168.1000 N Tx 170.4500 N	NIFC C-2 Rpt	2	Tactical	172.2750 N	Burn TAC	9			
Tactical	173.9125 N	R5 TAC 4	3	Air to Ground	172.8125 N	AIR GND 1	6			
Prepared By (Resource Unit Leader)			Approved By (Planning Sect. Ch.)			Date		Time		
Heather Wood			Tim Baal			08/13/2007		1230		

DIVISION ASSIGNMENT LIST				1. Branch XXVII		2. Division/Group	
3. Incident Name Zaca Fire – Richardson Zone				4. Operational Period Night Shift Date: 08/13-14/2007 Time: 1700-0600			
5. Operations Personnel							
Operations Chief		Les Curtis		Division/Group Supervisor			
Branch Director				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		
UNSTAFFED							
7. Control Operations UNSTAFFED							
8. Special Instructions							
9. Division/Group Communication Summary							
Function	Frequency	System	Channel	Function	Frequency	System	Channel
Command	Rx 166.6125 N Tx 168.4000 N Tone 123.0	NIFC C-4	1				
Tactical				Air to Ground	172.8125 N	AIR GND 1	6
Prepared By (Resource Unit Leader)		Approved By (Planning Sect. Ch.)		Date		Time	
Heather Wood		Tim Baal		08/13/2007		1200	

DIVISION ASSIGNMENT LIST				1. Branch XXVIII		2. Division/Group	
3. Incident Name Zaca Fire – Richardson Zone				4. Operational Period Night Shift Date: 08/13-14/2007 Time: 1700-0600			
5. Operations Personnel							
Operations Chief		Les Curtis		Division/Group Supervisor			
Branch Director				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
UNSTAFFED							
7. Control Operations UNSTAFFED							
8. Special Instructions							
9. Division/Group Communication Summary							
Function	Frequency	System	Channel	Function	Frequency	System	Channel
Command	Rx 166.6125 N Tx 168.4000 N Tone 123.0	NIFC C-4	1				
Tactical				Air to Ground	172.8125 N	AIR GND 1	6
Prepared By (Resource Unit Leader)		Approved By (Planning Sect. Ch.)		Date		Time	
Heather Wood		Tim Baal		08/13/2007		1200	

AIR OPERATIONS SUMMARY

OPERATIONAL PERIOD DATE: 8/13/07 START: 0730 END: 2030 SUNRISE: 0618 SUNSET: 1949

1. INCIDENT NAME: Zaca Fire	2. PREPARED BY: Heidi Dinkler	PREPARED DATE/TIME: 8/12/07 2000	3. # OF COPIES NEEDED: 60 IAP, 40 pilot packs
4. REMARKS (Safety Notes, Hazards, Air Operations Special Equipment, etc.): MEDEVAC A/C: SBC-308 Avoid aerial application of retardant or foam within 300' of waterways or bodies of water Ensure transponders are on 1255 and altitude reporting is on. GPS settings: hddd°mm.mmm' with WGS 84 selected as the map datum. PLEASE DO NOT FLY OVER FIRE CAMP Water Tenders E188, E134, E224, E225; CFR units E410, E70; Trailers E67, Tower E6, MRB E119 Ensure that Aircraft radios are on Simplex.			5. TFR: 7/2346 See TFR map posted at helibase. **From 2100 to 0600 hours the TFR ceiling will drop from 12000 MSL to 10000 MSL**

6. PERSONNEL

7. FREQUENCIES

8. FIXED WING

	Phone		AM	FM		# Avail / Type/ Make-Model / FAA N# / Base(s)
AOBD Live Oak: Heidi Dinkler AOBD Richardso: Belinda McCandliss	661-330-0189 559-288-9276	AIR/AIR FW:		151.2725	AIRTANKERS	8 on order;; T09-P2, T07-P2,T20-P3, T-910,Seats 430, 492,493,498.
ASGS Live Oak: Sean Aidukas ASGS Richardson: John Keese	805-350-3716 805-551-6422	A/A RW Rancho: A/A RW Richard:	136.100 134.875		LEADPLANES	N26E, A-124 N30W, A-112 Lead 90
ASGS: Al Driesbach ASGS: Jerry Disney	805-479-1837 916-204-4531	AIR BRIEFING	131.575		AIR TACTICAL PLATFORMS	AA-07, A-29 AA-1ZJ, A-224 AA-13R, A-203
ATGS: Gus Johnson	559-708-3570	AIR/ GROUND: Live Oak	171.1375		Santa Maria Air Attack Base	Sheryl Woods 805-937-5059 Ext 407, 805-455-5917.
ATGS: Mark Nunez	805-895-6620	AIR/GROUND: Richardson	172.8125		Special Instruction	John Romero 760-246-3127
ATGS: Mike White ATGS: Boyd Turner	619-672-1638 530-640-0616	DECK Rancho Tac DECK Rancho Log DECK Richardson	163.100 168.550 163.100		Web address for Aviation Map	ftp://ftp.nifc.gov/Incident_Specific_Data/CALIF_S/2007/2007_Zaca/GIS/PRODUCTS
HEBM Rancho: John Steadman, Jim Stratton (T) HEBM Richardson: Curt Warner	619-548-3729 805-680-4001	DECK Heavy	168.350			Click on Incident Date: ie 20070812
HEBM Heavy: Mike Eaton	951-315-5847	TOLC Rancho TOLC Richardson	136.125			
TOWER: Rancho	916-215-3135	COMMAND:	See IAP Communications Plan			
HLCO: Marlene Heisey	530-521-8053	Air Guard	168.6250			
HLCO: Pete Koeber, Dan Hickey(T)						
ICP Air Fax Dispatch	805-967-2137 805-961-5727					
TORCH BASE, Kevin Murray	805-878-1484					

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	A-14,	H-528	II	Bell 212 HP	Rancho	0700	0730	A-88
H-43T	I	S-61	Heavy	0700	0730	A-17, Bucket	H-308	II	Bell 205	Rancho	0700	0730	A-21, SB CO.
H-4CH	I	VERTOL	Heavy	0700	0730	A-11, Bucket	H-534	II	Bell 212	Rancho	0700	0730	A-125
H-917	I	S-61	Heavy	0700	0730	A-13, Bucket,	H-538	II	Bell 212 HP	Rancho	0700	0730	A-126
H-6PJ	I	Bell 214 Tanked	Heavy	0700	0730	A-84	H-502	II	Bell 212	Rancho	0700	0730	A-247
H-821	I	UH-60	Heavy	0700	0730	A-271, Guard	H-1109	III	LAMA	Rancho	0700	0730	A-160
H-833	I	UH-60	Heavy	0700	0730	A-273, Guard	H-2EA	III	Bell B-3	Rancho	0700	0730	A-57, IR

H-527	II	Bell 212	Rancho	0700	0730	A-23	H-68X	III	Bell B-3	Rancho	0700	0730	A-275
RICHARDSON HELIBASE													
H-8MP	III	Hughes 500	Richard	0700	0730	A-270	H-553	III	Bell B-3	Richard	0700	0730	A-268
H-554	II	Bell 205	Richard	0700	0730	A-237	H-525	III	A-Star B-3	Richard	0700	0730	A-259
H-530	II	Bell 212	Richard	0700	0730	A-24	H-88B	III	Bell 206L4	Richard	0700	0730	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
LIVE OAK				
Recon	As requested; Please request missions thru Helibase; IR mapping AM & late PM			
Water drops/Retard.	As requested.			
Helispot Construction	Possible construction of 2 helispots on Don Victor			
Firing				
Rappel				
Logistics	Support Pendola Spike camp; Coyote Packs to Div. O H-34, Gibraltar dipsite manager.			
Special Ops	Helitack personnel staff spot if necessary			
RICHARDSON				
Recon	Recons as requested and HELCO			
Water Drops/Retard.	As requested and in support of Firing operations			
Helispot Construction				
Firing	PSD Operations			
Personnel Transport				
Logistics				

FIVE HAZARDOUS ATTITUDES (This applies to all of us, not just pilots!)

Flight out of Balance
(four in a series of five)

4 "Macho"

A pilot we know - a mild mannered, soft-spoken chap - started a takeoff into a strong crosswind recently, and finding that he could not keep the airplane tracking down the centerline, he thought about aborting. Realizing that friends were watching from the ramp, however, he continued the takeoff. As he drifted across the runway edge lights with about two feet of altitude, he realized he had fallen victim to the most perfidious of the hazardous attitudes, "macho." "I'll show them," he was unconsciously thinking. "I can do it."

The "macho" bug can bite the shy and retiring. It bites women with great regularity, as well, particularly women who feel they are somehow in competition with male pilots. But "macho" reaches its nastiest manifestations in pilots whom, for whatever psychological reasons, are always trying to prove they are better than anyone else. They prove this to themselves by taking risks and trying to impress others. Beware overconfidence.

Aviation's fascination with having "the right stuff" unconsciously reinforces this most dangerous of attitudes. Recent popular books, films and television programs imply that pilots who don't take risks, who are afraid of facing a little danger, don't have the moral fiber required of a "real" pilot. Having had the right stuff is of little consolation to the widow(er) and orphans of the pilot who had it.

In fact, the researchers' choice of the word *macho* is probably ill-taken. Macho means nothing more than strong, manly. Though some feminists may argue that this in itself is an undesirable attribute, the dictionary would disagree. Rather, the negative response we are supposed to have to the word is based on its misuse (probably in place of the work *machismo*, which is derived from macho but implies male domination) in popular culture over the last decade or two. A more appropriate word is *hubris*, meaning excessive pride or self-confidence, arrogance.

Competitiveness is a characteristic of modern society, and most of us probably fall prey to it on occasion. Competition has its place in aviation, but that place is not in the day-to-day flying activities of the majority of general aviation.

Antidote: Be on guard for the hubris monster, for it is the most insidious of beasts. There's nothing wimpy about saying, "Taking chances is foolish." Just ask

your kids. **To be continued**.....

INCIDENT RADIO COMMUNICATIONS PLAN <u>GROUP 13</u>			Incident Name ZACA FIRE RICHARDSON ZONE			Date/Time Prepared AUG 13, 2007 13:00			Operational Period Date/Time AUGUST 13, 2007 1800-0600		
Ch #	Function	Channel Name/Trunked Radio System Talkgroup	Assignment	RX Freq N or W	RX Tone	TX Freq N or W	Tx Tone	Mode	Remarks		
1	COMMAND	NIFC C-4	Richardson Zone EAST	166.6125 N		168.4000 N	123.0	A	EAST SIDE CUYAMA PK TONE ON TX 123.00		
2	COMMAND	NIFC C-2 RPT	Richardson Zone WEST	168.1000 N		170.4500 N		A	WEST SIDE McPherson Pk		
3	TACTICAL	R5-TAC-4	DIV CC, FF NIGHT OPS	173.9125 N		173.9125 N		A			
4	TACTICAL	R5-TAC-5	DIV DD, COTWD, HWY 33	173.9625 N		173.9625 N		A			
5	TACTICAL	R5-TAC-6	DIV EE, HH	173.9875 N		173.9875 N		A			
6	AIR GROUND 1	AIR GND 1	Richardson Zone	172.8125 N		172.8125 N		A			
7											
8	TACTICAL	TAC 1	DIV BB, GG	168.0500 N		168.0500 N		A			
9	TACTICAL	BURN TAC	FIRING OPS	172.2750 N		172.2750 N		A	FIRING OPS		
10	AIR GROUND BURN	BURN A/G	FIRING OPS	172.6125 N		172.6125 N		A	FIRING OPS		
11											
12											
13	EMS TAC	CALCORD	ALL DIVISIONS	156.0750 W		156.0750 W		A	As needed.		
14	EMERGENCY	AIR GUARD	ALL DIVISIONS	168.6250 N		168.6250 N	110.9	A	Urgent Aircraft Contact (14CH.HT)		
15	EMS TAC	CALCORD	ALL DIVISIONS	156.0750 W		156.0750 W		A	As needed.		
16	EMERGENCY	AIR GUARD	ALL DIVISIONS	168.6250 N		168.6250 N	110.9	A	Urgent Aircraft Contact (16CH.HT)		
5. Prepared by (Communications Unit) Hern Crane ,COML											

MEDICAL PLAN	1. INCIDENT NAME	2. DATE PREPARED	3. TIME PREPARED	4. OPERATIONAL PERIOD
	Zaca Richardson Zone	8/13/2007	1000	8/13 Night 0600-0600

5. INCIDENT MEDICAL AID STATIONS			
MEDICAL AID STATIONS	LOCATION	PARAMEDICS	
		YES	NO
Richardson ICP	HWY 166 New Cuyama	XX	

6. TRANSPORTATION				
NAME	ADDRESS	PHONE	PARAMEDICS	
			YES	NO
AMR Ambulance Medic 49 Incident Ambulance (1fire line qualified EMTP)	Reyes Ranch/ Santa Barbara Canyon	661-766-2192 805-692-5723	XX	
Life Line Medic 504 Incident Ambulance	Pine Spike Camp	661-766-2192	XX	
Santa Barbara Co H-308 ALS, Hoist, Night Vision	Rancho Helibase-Day Figueroa Fire Station- Night	805-967-6832 805-692-5723	XX	
Cal Star Air Ambulance	Santa Maria Airport	805-546-1915	XX	
Hall Air Ambulance	Bakersfield	661-861-2521	XX	
Kern County Fire H-408 BLS, Hoist, Night Vision	Keene	661-861-2521		XX
CHP H-70 ALS, Hoist	San Louis Obispo	805-593-3344	XX	

7. HOSPITALS								
NAME	ADDRESS	TRAVEL TIME		PHONE	HELIPAD		BURN CENTER	
		AIR	GRND		YES	NO	YES	NO
Marian Medical Center	1400 E Church Santa Maria	35 min	1.5hrs	805-739-3200	XX			XX
Kern Medical Center (Level 2 Trauma Center)	1830 Flower Bakersfield	35 min	1.5 hrs	661-326-5154	XX			XX
Grossman Burn Center	4929 Van Nuys Blvd Sherman Oaks	1.5 hrs	3 hrs	818-907-4580	XX		XX	
Ventura County Medical Center	3291 Loma Vista Ventura	50 min	2 hrs	805-652-6165	XX			XX

8. MEDICAL EMERGENCY PROCEDURES	
<ul style="list-style-type: none"> In the event of a line medical incident, initiate care with available resources and notify Division Supervisor. 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). 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. 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. The Division Supervisor shall coordinate the incident and direct necessary actions. 	<p>√</p> <input type="checkbox"/> Patient 1 of _____ <input type="checkbox"/> Emergency _____ Non Emergency _____ <input type="checkbox"/> Is a helicopter required for transportation? Yes _____ No _____ <input type="checkbox"/> Location _____ Lat _____ Long _____ <input type="checkbox"/> Age _____ Sex _____ Weight _____ <input type="checkbox"/> Severity: Minor _____ Delayed _____ Immediate _____ <input type="checkbox"/> Chief Complaint _____ <input type="checkbox"/> Any additional resources required _____

ICS 206	9. PREPARED BY (MEDICAL UNIT LEADER) Robert Russell MEDL	10. REVIEWED BY (SAFETY OFFICER) Marty Hamel SOF1
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RICHARDSON ZONE SAFETY MESSAGE

“SAFETY is a CORE VALUE to be integrated into ALL incident activities!”

NIGHT SHIFT

08/13-14/2007

1800 - 0600

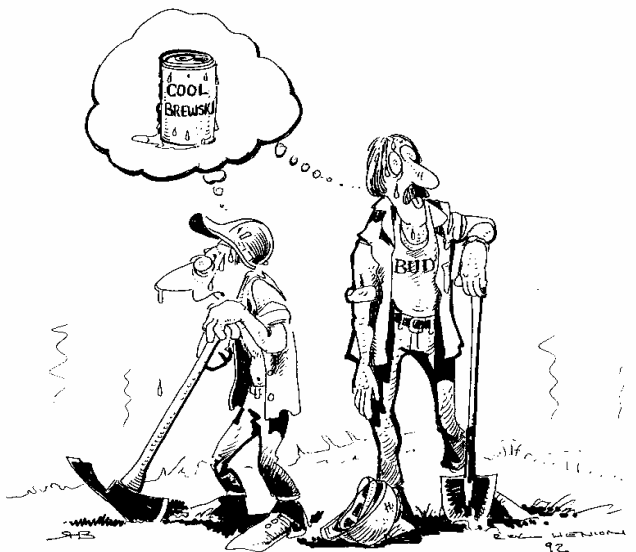
MAJOR HAZARDS:

- INCIDENT DRIVING especially on SR's 33 and 166
- POTENTIAL FOR EXTREME FIRE BEHAVIOR
- LONG TERM SEASONAL FATIGUE

Fire Order of the Day –Maintain prompt communications with your forces, Your supervisor, and adjoining forces.

- ❖ **Fire Behavior** – Extremely dry fuel conditions, live fuel moisture is less than 50%, much of the area has not burned since records have been kept! Steep Topography and Canyon Systems, monitor fire weather and indicators of extreme fire behavior.
- ❖ **Complacency** – We have been constructing indirect line for 6 days and will be shifting the pace to burning out the indirect lines. The next week there will be surges in work activity as the firing progresses, may be intermittently halted, and mop-up standards are accomplished.
- ❖ **Health and Sanitation** - Keep spike camps, staging areas and coyote bivouacs as clean as possible to reduce encounters with unwanted critters & camp crud.
- ❖ **Hydration** is becoming critical with higher temps and lowering relative humidity. Be alert to heat stress in yourself and others. Drink water.

Watch Out Situation of the Day



14.WEATHER IS GETTING HOTTER AND DRIER

Look Up, Look Down, Look Around

- ***Fuel Characteristics** – Assess prior to beginning operations.
- ***Fuel Moisture** – Read daily shift plan and assess on site.
- ***Fuel Temperature** – Varies with exposure to direct sunlight.
- ***Terrain & Fuel Accumulations** – Scout prior to beginning operations and continuously during operations.
- ***Wind** – Measure, observe, feel and notice changes.
- ***Atmospheric Stability** – Observe.
- ***Fire Behavior** – Monitor constantly prior to and during operations.
- ***Safety** – Ask questions in unfamiliar situations.

The only stupid question is the one that wasn't asked..

“DO BASIC THINGS VERY WELL”

Incident Safety Officer: Marty Hamel

INCIDENT ACTION PLAN SAFETY ANALYSIS				Incident Name ZACA (RICHARDSON)				Operational Period Date / Time NIGHT SHIFT 08/13-14/2007 1800 - 0600																	
LCES Analysis of Tactical Operations Lookouts, Communications, Escape Routes, Safety Zones								OTHER RISK ANALYSIS																	
Division Group	Indirect Fireline	Downhill Fireline	Anchor Point	Midslope Fireline	Extreme Fire Behavior	Firing operations	Slope-wind Alignment	Unburned Area	LCES Mitigations						Other Risk Mitigations										
									Masticator / Chipper	Driving Hazards	Communications	Structure Protection	Hydration	Multiple Aircraft											
Branch XXV AA	X	X	X	X	X			X	UNSTAFFED																
BB	X	X	X	X	X			X	UNSTAFFED						X			X	X						
CC	X				X	X	X	X	Thorough briefings, situational awareness, establish LCES, follow 10 Std, mitigate 18, monitor WX & indicators of extreme fire behavior, follow lighting plan						X			X	X	Establish positive commo, aircraft safety, foot travel & driving safety, hydration, crew accountability, stay clear of dozers,					
DD	X				X	X		X	Thorough briefings, situational awareness, establish LCES, follow 10 Std, mitigate 18, monitor WX & indicators of extreme fire behavior, follow lighting plan						X			X		Establish positive commo, aircraft safety, foot travel & driving safety, hydration, crew accountability, stay clear of dozers,					
EE	X		X		X		X	X	Thorough briefings, situational awareness, establish LCES, follow 10 Std, mitigate 18, monitor WX & indicators of extreme fire behavior, follow lighting plan						X	X		X		Establish positive commo, aircraft safety, foot travel & driving safety, hydration, crew accountability, stay clear of dozers,					
Contingency Branch Cottonwood					X			X	UNSTAFFED							X		X	X						
Hwy 33					X			X	UNSTAFFED							X	X	X	X						
Branch XXVII FF	X				X			X	UNSTAFFED						X	X	X		X						
GG	X	X	X		X			X	UNSTAFFED						X	X									
Prepared By: Marty Hamel, Safety Officer								Date and Time: 08/12/2007, 1000																	



**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

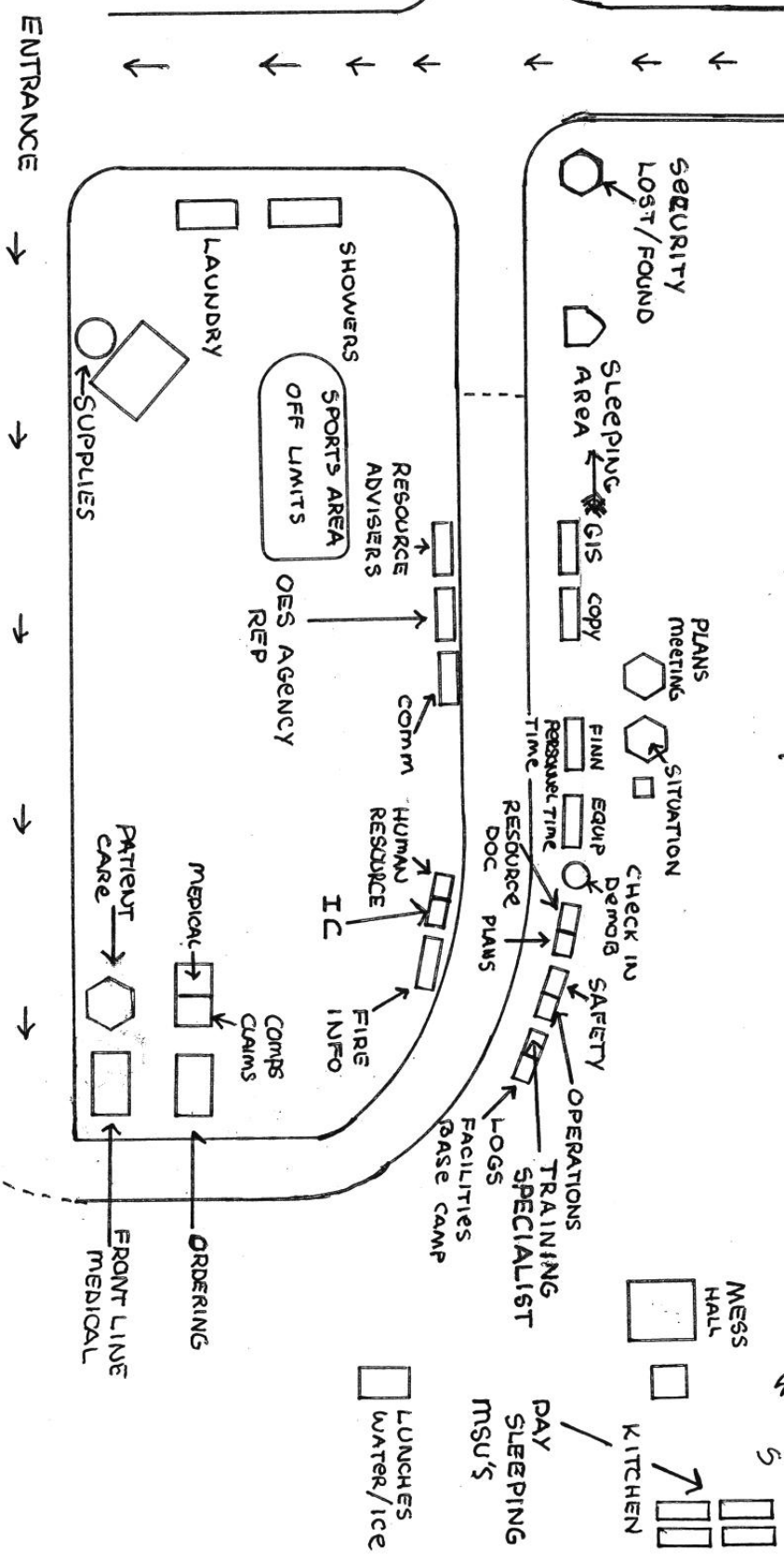
Standards for Fire and Fire Aviation Operations, Interagency, www.nifc.gov/references/index.html

MAIN ENTRANCE

HWY 166

ZACA II

BASE CAMP



GROUND Support

N 34° 56' 48.0"
W 119° 41' 05.4"

FUEL DEPOT



FACILITIES MAP
NOT TO SCALE
YURT TENT
JLP 8-12-04

ZACA II



TO SANTA MARIA
ROCKFRONT
OHV

HWY 166

To Bakersfield

COTTONWOOD CYN

Bates Cyn Rd

Perkins Rd.

BELL

Kirschenman Road

Foothill Road

Santa Barbara Cyn Rd

QUATAL

W BURGESS CYN

APACHE CYN

SIERRA MADRE RD

PINE SPIKE
CAMP

DP 101

DP-102

DP-130

DP 103

DRY CYN

DP-104

DP 106

OZENA

W

HWY 33

DP 110

*Zaca
Fire*

Buckhorn Rd

Don Victor
Jeep Trail

H-202
DP 112

Potrero Seco

PINE MTN
INN

DP 111

TO OJAI

HILDRETH PEAK

THREE
SISTERS

OLD MAN MTN

TRANSPORTATION
MAP
NOT TO SCALE
JLP 8-13-07

DROP POINT ●

RICHARDSON
ICP

HELIBASE
CAMP

Water Source



Zaca Fire Richardson Camp Phone List

as

of 08/12/2007 at 1200

IC Mike Detrich (IC) Tim Sexton (DPIC)	661-766-2026 c909-228-5241	Demob Demob Fax Robert Hawkins	661-766-2728 661-766-2718
Operations Don Will (OSC1) Tom Hatcher (OSC1) Les Curtis (NOPS) Bobby Shindelar (OPBD) Keith Gurrola (OPBD) Don Forsyth (OPBD) Don Smith (OPBD T) Sam Wilbanks (DIVS) Kenny Ellyson (DIVS) Sam Marouk (DIVS) Kim Olson (DIVS) Brian Savage (DIVS) Belinda McCandliss (AOBD) John Keesee (ASGS) Boyd Turner (ATGS)	661-766-2781 c530-277-1843 c530-949-4319 c530-310-3506 c209-768-2827 c805-377-1491 c714-504-2632 c909-373-7765 c530-906-2253 c661-878-5313 c559-301-2954 c209-607-5195 c925-519-6338 c559-288-9276 c805-551-6422 c530-640-0616	Situation Mark Steele (SITL) Ed Lamas (GISS) Carol Henson (FBAN) Jeff Tonkon (IMET) Melody Fountian (READ)	c530-949-7158 c805-895-2750 c240-778-5316 c805-720-5685
Safety Marty Hammel (SOF1) Dave Morton (SOF2)	661-766-2789 c661-965-3137 c530-228-7828	Finance Personnel Time Finance Fax Teresa Fork (FSC1) Mary Glenn (COST) Maggie Prochazka (TIME)	661-766-2027 661-766-2182 661-766-2186 c530-941-4226 661-766-2027
Logistics Karl Rogge (LSC1) David Marion (LSC2) William Fouts (FACL) Bruce Ungari (FUDL) Donald Hill (GSUL) Mike Esperanza (EQPM)	661-766-2760 c619-204-4715 c530-318-9566 c530-410-1776 c530-919-1994 c916-591-9001 c925-872-8574	Cost Procurement/EQTR Byron Brown (PROC)	661-766-2594 661-766-2181
Ordering Wallace Grogan (ORDM)	661-766-2648 c661-496-7235	Training Rick Alpert (TNSP T)	661-766-2743 c213-247-8520
Supply Michael Bradford (SPUL)	661-766-2617 c916-759-0191	PIO Leona Rodreick (PIO1 T)	661-766-2906 661-766-2908 661-766-2910 c530-310-3505
Supply Fax	661-766-2627	Medical Robert Russell, MEDL	661-766-2904 c909-855-2855
Plans Tim Baal (PSC1) Roy Dulls (PSC2) Gary Thompson (RESL) David Camp (CTSP)	661-766-2726 c805-896-6986 c661-433-0096 c707-980-8079 c661-766-2726	HR Gary Samaha (HRSP)	661-766-2979 c404-357-1516
		USFS Union Rep. Dave Crow	c805-748-4434
		Communications Hern Crane (COML)	661-766-2172 661-766-2192 c760-937-7930
		Comm. Fax	661-766-2582
		Comp/Claims Elaine Downing (COMP)	661-766-2730
		Motel	661-766-2613
		Michelle's Copy Service Fax	661-766-2030

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 Roster Assigned			
Name	ICS Position	Home Base	
8. Activity Log			
Time	Major Events		
9. Prepared by (Name and Position)			