CANYON INCIDENT

CA-ORC-17-105068

INCIDENT ACTION PLAN









OPERATIONAL PERIOD

9/29/2017 0700

to 9/30/2017 0700





INCIDENT OBJECTIVES (ICS 202)

		IIIOID	LIV	OBSECTIVI	بال دي	JO ZUZ	<i>-</i> /		
1. Incident Na	me:		2. 0	perational Period:	Date I	rom:	9/29/2017	Date To:	9/30/2017
	CANYO	ON		s	Time	From:	0700	Time To:	0700
3. Objective(s):								
Management	<u>Objectives</u>								
- Provide for	emergenc	y personnel and p	ublic :	safety at all times.					
- Protect pro	perty, impr	ovements, and infi	rastru	cture.					
- Ensure cod	ordinated, ti	imely, and accurat	e rele	ease of public inform	ation.				
- Foster and	maintain re	elationships with a	II coo	perators and stakeh	olders.				
- Protect eco	onomic, nat	ural, cultural and h	nerita	ge resources.					
- Maintain fis	scal accour	ntability and keep o	costs	commensurate with	values a	at risk.			
Control Objec	tives								
- Keep the fi	re within es	stablished control li	ines.						9.
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						**	8		(9)
									8
General Site	uational A	wareness:							
Steep and ru	ugged terra	in, critically dry and	d rece	eptive fuel beds, act	ive area	for fire hi	story and r	olling debri	S.
						12			
									¥
5. Site Safety	Dlan Doguire	.d2	Voc	□ No 🗹					
3.50	7.4	(s) Located at:	165						
6. Incident Ac		(S) Located at.							
		ICS 215A		Phone List	[3	Eiro Cupr	rossion Bon	oir Dian	
					Ø	riie Supp	oression Rep	ali Pian	
☑ ICS 204		ICS 220		Training Message					
☑ ICS 205		Incident Map	Ø	Travel Map			04 070		
☑ ICS 206		Weather Forecast		Demob Plan					
☑ ICS 208		Fire Behavior		Finance Message	Ø	ICS 214	Cuin	()	= , .
7. Prepared B	3			ion/Title: PSC	Signat	V. 125	On IC	The same of the sa	
8. Approved b	y Incident C	ommander:	Jim F	erguson	Signat	ure: _	() RJ	ap	·
ICS 202									

ORGANIZATION ASSIGNMENT LIST (ICS 203)

and Command Staff: . Adams / B. Nunez / B. Estes . Veik / J. Ferguson (T) / J. Es		Time From:	0700	Time To:	0700
. Adams / B. Nunez / B. Estes		7. Operation Section	A STATE OF THE PARTY OF THE PAR		
		in operation count	on:		
. Veik / J. Ferguson (T) / J. Es	3	Chief	M. Blankenheim		*
	strada (T)	Deputy	T. Ernst		
. Buchmeier / J. Janssen		Night Ops	M. van Loben Sels	/ R. Roberts (T)	
. Cox / S. Conciadli / L. Kurtz		Staging Area			N. 18
. Carreiro / J. Abel / G. McKe	own	Branch		Patrick Russell	
. Davis / E. Lee / S. White		Division/Group	В	Brandon Lanning /	Garrett Prater (T)
		Division/Group	F	Keith Cummings / N	lichael Klusyk (T)
presentatives:		Division/Group	М	Tim Carey	7
lame		Division/Group			
. Ohara		Division/Group			
l. Samuels		Branch		George Casario	
. Bullen / C. Johnson		Division/Group	0	Gomez / Marvin Vo	Irie (T)
. Whitman		Division/Group	T/X	Bill Lockhart / Robe	rt Szczepanek (T)
. McConnell		Division/Group			12
.Hancock					
. Morua					
. Stone / P. Mercado		Branch	Supp Repair		
		Division/Group	Supp Repair	Hans Bolowich / Ad	am Estabrook (T)
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Post / A Mitchell					
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				S Packwood	
. Martin / E. Moore / S. Dohm	an (T)				
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ike Mills Positio	n/Title:	PSC S	Signature:	W. AK shi	>
			6 to 1 to 1	Con	
	Ame Ohara Samuels Bullen / C. Johnson Whitman McConnell Hancock Morua Stone / P. Mercado Post / A. Mitchell Mills Garcia / D. Scheurich / J. In Sherwood / T. Gikas Rechel Shevenell / D. Pucci Knecht Volmer Vargas Russel Martin / E. Moore / S. Dohm Lee Luiz Warden Luckenbach Brooks Lathrup Tomsich / M. Aldrich / K. Ang	Ame Ohara Samuels Bullen / C. Johnson Whitman McConnell Hancock Morua Stone / P. Mercado Post / A. Mitchell Mills Garcia / D. Scheurich / J. Irving Sherwood / T. Gikas Rechel Shevenell / D. Pucci Knecht Volmer Vargas Russel Martin / E. Moore / S. Dohman (T) Lee Luiz Warden Luckenbach Brooks Lathrup Tomsich / M. Aldrich / K. Angres	presentatives: ame Division/Group Ohara Division/Group Samuels Bullen / C. Johnson Division/Group McConnell Division/Group McConnell Division/Group Marcock Morua Stone / P. Mercado Division/Group Division/Group Post / A. Mitchell Mills Garcia / D. Scheurich / J. Irving Sherwood / T. Gikas Rechel Shevenell / D. Pucci Knecht Volmer Vargas Russel Air Operations Branch Martin / E. Moore / S. Dohman (T) Lee Luiz Marden Luckenbach Division/Group Air Operation Branch Division/Group Air Operation Branch Division/Group Branch Division/Group Air Operation Branch Division/Group Branch Division/Group Air Operation Branch Air Operation Branch Chief Luckenbach Time Unit Brooks Procurement Unit Comp/Claims Unit Comp/Claims Unit Compsich / M. Aldrich / K. Angres Cost Unit Compsich / M. Aldrich / K. Angres Cost Unit Compsich / M. Aldrich / K. Angres	presentatives: ame Division/Group Dhara Division/Group Division/Group Division/Group Division/Group Division/Group Division/Group Division/Group Division/Group T/X McConnell Hancock Morua Stone / P. Mercado Division/Group Division/Group Branch Division/Group Branch Division/Group Supp Repair Division/Group Supp Repair Division/Group Supp Repair Division/Group Supp Repair Air Supp Repair Air Operations Branch Air Operations Branch Air Operations Branch Division/Group Shewond / T. Gikas Rechel Shevenell / D. Pucci Knecht Volmer Vargas Russel Air Operations Branch Air Operations Branch Air Operations Branch Luckenbach Division/Group Supp Repair Air Operations Branch Air Operations Division/Croup J. Rusane / H. Keene U. J. Rusane / H. Keene Time Unit J. Rusane / H. Keene Time Unit J. Andrade / M Lam Comp/Claims Unit J. Andrade / M Lam Comp/Claims Unit J. Tapia Cost Unit G. Belk	presentatives: Division/Group M

Canyon Fire

National Weather Service San Diego

2017-09-28 3:45 PM PDT

Spot Forecast for Canyon Fire...Orange County Fire Authority National Weather Service SAN DIEGO CA 344 PM PDT Thu Sep 28 2017

Forecast is based on request time of 0500 PDT on September 29. IF CONDITIONS BECOME UNREPRESENTATIVE...CONTACT THE NATIONAL WEATHER SERVICE.

.DISCUSSION...

The northeast winds will be a bit lighter through Friday with similar daytime temperatures and humidities as today, but slightly better overnight recoveries. Daily wind shifts will still be likely with the seabreeze bringing an afternoon shift to the west-southwest and gusty. Lighter northeast winds are expected tonight and Friday night, especially near the ridgetops. Saturday brings a noticeable change as the westerly winds become stronger, initiate earlier in the daytime and extend up to the ridgetops. East winds return Saturday night but are likely to be very weak.

.FRIDAY...

Sky/weather......Mostly sunny. Max temperature....Around 89. Min humidity......15 to 20 percent. Eye Level Winds.....Light winds in the early morning becoming west 3 to 9 mph after 11 am. Wind (20 FT)..... Slopes.....Light winds in the early morning becoming west 5 to 11 mph with gusts to 15 mph after 11 am. Gusts becoming 20 mph in the afternoon. Ridgetop......Northeast 10 mph with gusts to 20 mph becoming west 10 to 15 mph in the afternoon. Mixing Height......1000-1500 ft AGL...becoming 6000-7000 ft AGL late in the morning, then...becoming 2500 ft AGL late in the afternoon. Mixing Winds......East 5 mph becoming west 5 to 10 mph after 11 am.

.FRIDAY NIGHT...

Sky/weather......Mostly clear.
Min temperature....Around 69.
Max humidity.....40 percent.
Eye Level Winds....Southwest winds 3 to 9 mph in the evening becoming light.
Wind (20 FT).....
Slopes.....Southwest winds 5 to 11 mph with gusts to 20 mph in the evening becoming light.
Ridgetop.....West 10 mph with gusts to 20 mph.
Mixing Height....1000-2500 ft AGL...becoming 500 ft AGL late in the evening.
Mixing Winds....Southwest 5 mph becoming east overnight.

.SATURDAY...

Sky/weather.....Mostly sunny.
Max temperature....Around 86.
Min humidity.....30 percent.
Eye Level Winds....Light winds in the early morning becoming southwest

3 to 11 mph with gusts to 15 mph after 11 am. Wind (20 FT)..... Slopes.....Light winds in the early morning becoming southwest 5 to 11 mph with gusts to 15 after 11 am. Gusts becoming 25 mph in the afternoon. Ridgetop......West 15 mph with gusts to 25 mph. Mixing Height.....500 ft AGL...becoming 2500-3000 ft AGL late in the morning, then...becoming 4000-4500 ft AGL early in the afternoon...becoming 1500 ft AGL late in the afternoon. Mixing Winds......Southwest 10 mph. .FORECAST DAYS 3 THROUGH 5... .SUNDAY... Mostly clear. Lows in the mid 60s. Highs in the upper 70s. Southwest winds 5 mph. .MONDAY... Mostly clear. Lows in the lower 60s. Highs in the lower 70s. Winds southwest 5 mph. .TUESDAY... Mostly clear. Lows around 60. Highs around 70. Winds east 5 mph. \$\$ Forecaster...PHIL GONSALVES Requested by...Shane Sherwood Type of request...WILDFIRE

shanesherwood@ocfa.org, Stephen.Volmer@fire.ca.gov, sgx.forecasters@noaa.gov

.TAG 1716242.3/SGX

.EMAIL

FIRE BEHAVIOR FORECAST

FORECAST NUMBER: 3	TYPE OF FIRE: WILDLAND
FIRE NAME: CANYON	OPERATIONAL PERIOD: September 29 07:00-07:00
DATE ISSUED: September 28, 2017	TIME ISSUED: 20:00
UNIT: Orange County ORC-105068	SIGNED:

INPUTS

WEATHER SUMMARY: Light Northeast winds will occur during the early morning hours, then shift to the West 10-15mph beginning in the afternoon. Evening winds will remain from the Southwest 5-10mph with gusts to 20mph, becoming light before sunrise.

Daytime high temperature 89 degrees (up 3), low temperature will be 69 degrees (no change). Minimum relative humidity will be 20% during the day, and increase to 40% overnight with a continued moderate recovery expected.

OUTPUTS

FIRE BEHAVIOR

GENERAL: Fuels have begun to recover from the overnight moisture, but they are still at critical levels, making ignition and fire spread easy when in alignment with wind, slope, and topography.

Stump holes and "cat-piles" with deep seated heat will be present in all divisions of the fire.

All unchecked spots and "cat-piles" have the potential to become established easily. Deep seated heat will readily ignite when exposed to ridgetop winds.

Current ERC levels have continued to drop slowly since the 25th, placing the area well below the 90th percentile.

SPECIFIC: The fire behavior below outlines what can be expected from any new start in the local fire area.

GRASS:

Rate of Spread....70 ft/min Flame Length....6 ft

Spotting....1/3 mi

Probability of Ignition 65%

GRASS SHRUB: Rate of Spread....50 ft/min

Flame Length....7 ft

Spotting....1/3 mi

Probability of Ignition 65%

BRUSH:

Rate of Spread....107 ft/min Flame Length....20 ft Spotting....1/2mi

Probability of Ignition 65%

Fuels are still very receptive to ignition. Be cautious of rehab work being done by heavy equipment, and parking locations.

Sunset 9/29...18:93

Sunrise 9/30...06:45

AIR OPERATIONS: Mixing begins at 5mph from the East with a height of 7000' AGL, dropping to 2500' AGL in the afternoon changing to the West 5-10. Winds will become turbulent during the afternoon wind shift. Erratic winds will be present over ridgetops in the afternoon.

SAFETY

Fire weakened timber will fall without warning, especially during wind shifts and gusts. Relatively small fires or deceptively quiet areas of large fires. Terrain and fuels make escape to safety zones difficult. Plan your routes even during mop-up.



SAFETY MESSAGE CANYON INCIDENT



1. Incident Name: Canyon

2. Operational Period: Date From:09/29/17

Time From: 07:00

Date To:09/30/17 Time To: 07:00

3. Safety Message/Expanded Safety Message, Safety Plan, Site Safety Plan:

AVOID COMPLACENCY DURING THE RAPID WIND-DOWN OF THE INCIDENT

- > Use proper lifting techniques when lifting, backhauling, etc.
- > Remember to complete your "Golden Circle" prior to moving Apparatus. One minute spend completing you "walk around" could save hours, injuries, etc.
- > Continue to follow "Work-Rest Guidelines" throughout the Incident.
- > Be aware of complacency. Review the "Common Denominators". Have a contingency plan.
- > Review WILDLAND URBAN INTERFACE FIREFIGHTING pgs. 12-16 of your IRPG.
- > No PPE allowed in the eating areas. Wash hands regularly and always before entering the eating areas.
- > If personnel get fatigued, but it's not a medical emergency, use line medics for evaluation and rehab in a shaded area on the fire line.
- > Drive with head lights on and slow down.
- > Anyone working on Hwy 91 must use code three lights while parked. Be aware of traffic passing in the open lanes.

IT'S NOT OVER UNTIL IT'S OVER!

■ 4. Site Saf	ety Plan Required? Yes ☐ No X	
5. Prepared by: N	lame: Buchmeier SOFT / Janssen SOF1(T)	Chill His
ICS 208	Date/Time September 28, 2017 / 1900	71,20

INCIDENT ACTION PLAN SAFETY ANALYSIS (ICS 215A)

1. Incident Name:	Canyon		2. Incident Number: CA-ORC-17-105068					
3. Date/Time Prep Date: 09/28/2017		4. Operatio	onal Period: Date From: 09/29/2017 Date To: 09/30/2017 Time From: 0700 hours Time To: 0700 hours					
5. Incident Area	6. Hazards/Risks	•	7. Mitigations					
ALL	Routes of Travel; Entering Incident Base, Speed Lim Base		 Drive with extreme caution, lights on, drive slowly and expect opposing traffic Follow one way traffic plan 					
DIV-M	Hazardous Materials		KEEP OUT! Isolate & Deny Entry No suppression activity					
ALL	Helicopter Water Drops and Turbulence		 Post lookouts and make escape routes and safety zones known LCES; Watch overhead for debris and wind changes 					
ALL	Fireline Suppression Rep	air	 Caution working in an around heavy Equipment Watch for rolling material when heavy equipment working above 					
ALL	Line Construction		 Conduct thorough briefing for all personnel (inside rear cover IRPG) Ensure LCES in place prior to engagement (IRPG p. 7) Establish adequate Safety Zones (IRPG p.8) Use Downhill Line Checklist (IRPG p.9). Follow "Look Up, Look Down, Look Around" procedures (IRPG p.4) Utilize Risk Management Process (IRPG p.1) 					
ALL	Steep Terrain		Steep Terrain • Watch footing, maintain downhill tool place • Be aware of loose material becoming disloc					
ALL	Hydration		 Drinking water before, during and after shifts. Up to 1.5 gal. per shift Be alert for signs of heat stress in yourself and others 					
ALL	Fatigue – Physical and M	Fatigue – Physical and Mental Continually monitor your crew for fatigue a Rehab your crew; take breaks, out of the s Know the signs and symptoms. Look out f						
ALL	Мор-ир		Conduct thorough briefing for all personnel (inside rear cover IRPG) Use all required PPE, including eye protection Maintain proper spacing and overhead clearance Be alert for stump holes and root cavities Minimize exposure to smoke, and rotate personnel into clean air as practical Evaluate unburned islands/Increase situational awareness					
ALL	Demob & PPE		Follow the Demob Safety Message Ensure your PPE is In-Service. Repair/Replace as needed					
8. Prepared by (S	afety Officer): Name: Jo	e Buchmeier/	Josh Janssen					
ICS-215A			-/ind					



DEMOBILIZATION SAFETY MESSAGE



On Behalf of CAL FIRE Incident Management Team 6 we would like to thank you for your assistance. We wish you safe travels home or to your next assignment. Below are a few reminders to make your trip safer:

- > Conduct walk around before driving.
- ➤ Check for and secure all loose items (ie: tools, hose, and packs).
- > Wear seat belts at all times.
- > Monitor all drivers for fatigue,
 - o Switch drivers regularly if possible.
 - o Find a safe place to stop, exit the vehicle and stretch.
 - If all else fails, stop and take a short rest to revitalize.
- Obey Posted Speed Limits.
- ➤ Ensure Personnel have adequate nutrition and hydration for the trip.
- Be prepared for the next incident.

Thank you again for your safe hard work!

JOE BUCHMEIER SOF1

JOSH JANSSEN SOF1 (T)

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ASSIGNMENT LIST (ICS 204) CONTROLLED UNCLASSIFIED INFORMATION//BASIC 2. Operational Period:

1. Incident Name:		2. Operati	onal Period:			3.	
CANYON		Date From	: 09/29/17	Date To:	09/30/17		
		Time From	: 0700	Time To:	0700	Branch:	I
4. Operations Personnel	:	-5.				Di. (0	В
Operations Section Chief	f: M. Bla	ınkenheim Niç	ght Ops: M. va	n Loben Sels	/ R. Roberts (T)	Div/Group:	В
Branch Director	: Patric	k Russell		Branch Safe	ty: Mike Camba		Bravo
Division/Group Supervisor	: Brand	on Lanning / Ga	rrett Prater (T				
5. Resources Assigned:		** Resour	ces Below in E	old are 12 Ho	our **	Reporting Locati	on, Special Equipment, , and Information
Resource Identifier		L	eader	Personnel	Request #	Time	Location
STC RRU 9310C		Owen	s, Barry L	19	E-12	0700-0700	Palisades Dr
						-	
						,	
							11
· ·							
	E3			4			
	36			1			
6. Work Assignments:	-			1		2 6	
Mop up 100' and patrol							
Improve fireline							
Extinguish hotspots							
Backhaul trash and hose							
7. Special Instructions:							
1.00 a.m. 1.00 a.							
	in the second						
	78 1008			50 N/ N2 17 N			
8. Communications	1	and/or phone cor	1911 7914				T
Name	Ch	Function	Rx Freq	Rx Tone	Tx Freq	Tx Tone	Notes
CDF C3 T4	1	Command	151.3400N	103.5	159.3450N	136.5	Tone 4 -Sierra Peak
CDF T27	7	Tactical	159.3075N	192.8	159.3075N	192.8	
CALCORD	15	Coordination	156.0750N	156.7	156.0750N	156.7	MEDICAL COORDINATION
CDF T20	14	Air to Ground	159.3750N	192.8	159.3750N	192.8	AIR TO GROUND
GUARD	16	Emergency	168.6250N		168.6250N	110.9	AIR GUARD
9. Prepared by: Name:	Jim Irv		Pos/Title:	RESL	Signature:	unn	11.1
ICS 204		Date/Tim	e: 9/28/2017	2300 hours	J.g. Katalon	1	Part -
		CONT	ROLLED UNCLASSI	FIED INFORMATION	N/BASIC		

1. Incident Name:		2. Operation	al Period:			3.	
CANYON		Date From:	09/29/17	Date To:	09/30/17		
		Time From:	0700	Time To:	0700	Branch:	1
4. Operations Personnel:				Constitution and an internal or		1	_
Operations Section Chief:	M. Blanke	nheim Night	Ops: M. van L	oben Sels / F	R. Roberts (T)	Div/Group:	F
Branch Director:	Patrick R	ıssell		Branch Safet	y: Mike Camba		Foxtrot
Division/Group Supervisor:	Keith Cur	nmings / Micha	el Klusyk (T)				
5. Resources Assigned:		** Resource	es Below in Bo	old are 12 Hou	ır **	Reporting Location	on, Special Equipment,
Resource Identifier		Le	Leader Personnel Request				and Information Location
STC BEU 9460C		Nunez, George A		16	E-2053	0700-0700	DP-3
ENG CA-CNF - 320		Avakian	, Federico	4	E-147	0700-1900	DP-3
ENG CA-CNF - 321		Volrie,	Marvin	4	E-148	0700-1900	DP-3
ENG CA-CNF - 322		Gomez,	Robert P	4	E-149	0700-1900	DP-3
STG LAC 1181G		Riley,	Brian J	33	C-8	0700-0700	DP-3
CRW EL CARISO IHC		Kott, (Charles	20	C-18	0700-1900	DP-3
W/T CNF 222		Regina	ıld, Gino	2	E-152	0700-1900	DP-3
FEMP NAJERA O-2061		Najera	, Robert	1	O-2061	0700-0700	DP-3
FEMT MOTA O-2064		Mota	Arturo	1	O-2064	0700-0700	DP-3
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		-			-1		
		-					
					22		
							_
6. Work Assignments:							
Mop up 100' and patrol							
Improve fireline							
Extinguish hotspots							
Backhaul trash and hose							
7. Special Instructions:							
E.							
8. Communications	(radio and	or phone conta	ct numbers nee	ded for this as	signment).		
Name	Ch	Function	Rx Freq	Rx Tone	Tx Freq	Tx Tone	Notes
CDF C3 T4	1	Command	151.3400N	103.5	159.3450N	136.5	Tone 4 -Sierra Peak
CDF T13	5	Tactical	151.3775N	192.8	151.3775N	192.8	Tolle 4 - Siella Peak
CALCORD		Coordination	156.0750N	156.7	156.0750N	156.7	MEDICAL COORDINATION
CDF T20		ir to Ground	159.3750N	192.8	159.3750N	192.8	AIR TO GROUND
GUARD		Emergency	168.6250N	, , , , , ,	168.6250N	110.9	AIR GUARD
	Jim Irving	3,	Pos/Title:	RESL		1	7 III COAND
ICS 204	9	Date/Time:		2300 hours	Signature:	Comp No.	n
			OLLED UNCLASSIFI		BASIC	1	

ASSIGNMENT LIST (ICS 204) CONTROLLED UNCLASSIFIED INFORMATION//BASIC

1. Incident Name:	2. Operation	al Period:			3.		
CANYON		Date From:	09/29/17	Date To:	09/30/17		
		Time From:	0700	Time To:	0700	Branch:	Ĩ
4. Operations Personnel:		6	The second of th			1	
Operations Section Chief:	M. Blan	kenheim Night	Ops: M. vai	ı Loben Sels /	R. Roberts (T)	Div/Group:	M
Branch Director:	Patrick				y: Mike Camba		Mike
Division/Group Supervisor:	Tim Ca	rey					
5. Resources Assigned:		** Resource	s Below in B	old are 12 Ho	ur **	Reporting Locati	ion, Special Equipment,
Resource Identifier	7.	Lea	der	Personnel	Request #	Remarks, Notes Time	, and Information Location
STC LPF 1653 C		Valencia	a, Dave	20	E-58	0700-1900	DP-5
ENG CA-CNF - 325		Castro, A	dolfo R	4	E-151	0700-1900	DP-5
ENG CA-CNF - 327		Gomez,	Romon	4	E-150	0700-1900	DP-5
STG RRU 9311G	-	Colunga	ı, Louis	33	C-22	0700-0700	DP-5
	-						
Harris and the second s				Λ.			N .
- A THE STATE OF T			2				
C Maul Assissand							
6. Work Assignments:							9
Mop up 100' and patrol							N.
Improve fireline	#						
Extinguish hotspots							
Backhaul trash and hose							
7. Special Instructions:							
8. Communications	(radio ar	nd/or phone contac	ct numbers n	eeded for this a	assignment):		
Name	Ch	Function	Rx Freq	Rx Tone	Tx Freq	Tx Tone	Notes
CDF C3 T4	1	Command	151.3400N	103.5	159.3450N	136.5	Tone 4 -Sierra Peak
CDF T26	6	Tactical	159.2925N	192.8	159.2925N	192.8	
CALCORD	15	Coordination	156.0750N	156.7	156.0750N	156.7	MEDICAL COORDINATION
CDF T20	14	Air to Ground	159.3750N	192.8	159.3750N	192.8	AIR TO GROUND
GUARD	16	Emergency	168.6250N		168.6250N	110.9	AIR GUARD
9. Prepared by: Name:	Jim Irvin		Pos/Title:	RESL			
ICS 204		Date/Time:	9/28/2017	2300 hours	Signature:	June fr	n

Mop up and patrol Improve fireline Extinguish hotspots Backhaul trash and hose	1. Incident Name:		2. Operation	al Period:			3.	
A. Operations Personnel: Operations Section Chief. M. Blankenheim Night Ops: M. van Loben Sels / R. Roberts (T)	CANYON		Date From:	09/29/17	Date To:	09/30/17		d
Operations Section Chief: M. Blankenhoim Night Ops: M. van Loben Sels / R. Roberts (T) Branch Director: George Casario Branch Safety: Isaac Naylor (12hr)			Time From:	0700	Time To:	0700	Branch:	II
Section Chef. M. Blankenheim Branch Director, George Casardo Branch Safety. Isaac Naylor Oscar	4. Operations Personnel:		,				1_, ,_	•
Division/Group Supervisor: Gomez / Marvin Votrie (T) (12hr)	Operations Section Chief:	M. Bla	nkenheim Night	t Ops: M. van	Loben Sels	R. Roberts (T)	Div/Group:	O
S. Resources Assigned: ** Resources Below in Bold are 12 Hour ** Resources Assigned: ** Resources Below in Bold are 12 Hour ** Request # Resources Assigned: ** Resources Below in Bold are 12 Hour ** Request # Resources Assigned: ** Resources Below in Bold are 12 Hour ** Request # Resources Resource Identifier ** Leader	Branch Director:	Georg	e Casario		Branch Safet	y: Isaac Naylor		Oscar
Resource Identifier	Division/Group Supervisor:	Gome	z / Marvin Volrie (1	Γ)	(12hr)	6 5		¥
Resource Identifier	5. Resources Assigned:		** Resource	s Below in B	old are 12 Ho	ur **		
STG RRU 9312G	Resource Identifier		Lea	ıder	Personnel	Request #		
CRW Bear Divide Hotshots IHC Thomas, Joshua 19	STC CNF 6631C		Gray, T	imothy	21	E-43	0700-1900	DP-2
## PVT E-101 Deskovick, Matt 2	STG RRU 9312G		Black,	Neil R	33	C-6	0700-0700	DP-2
FEMP HACKING 0-2056	CRW Bear Divide Hotshots	IHC	Thomas	Joshua	19	C-11	0700-1900	DP-2
EMP LUNA O-136	W/T PVT E-101		Deskovi	ck, Matt	2	E-101	0700-0700	DP-2
6. Work Assignments: Mop up and patrol Improve freline Extinguish hotspots Backhaul trash and hose 7. Special Instructions: 8. Communications (radio and/or phone contact numbers needed for this assignment): Name Ch Function Rx Freq Rx Tone Tx Freq Tx Tone Notes CDF C3 T4 1 Command 151.3400N 103.5 159.3450N 136.5 Tone 4-Sierra Peak NIFC T5 8 Tactical 166.7250N 166.7250N 166.7250N CALCORD 15 Coordination 156.0750N 156.7 156.0750N 156.7 MEDICAL COORDINATION CDF T20 14 Air to Ground 159.3750N 192.8 159.3750N 192.8 AIR TO GROUND CDF T20 14 Air to Ground 159.3750N 192.8 159.3750N 192.8 AIR TO GROUND CDF T20 16 Emergency 168.6250N 168.6250N 110.9 AIR GUARD 9. Prepared by: Name: Jim Irving Pos/Title: RESL CS 204 Signature: Signature Signature	FEMP HACKING O-2056		Hacking,	Adam S	1	O-2056	0700-0700	DP-2
Mop up and patrol Improve fireline Extinguish hotspots Backhaul trash and hose 7. Special Instructions: 8. Communications	FEMP LUNA O-136		Luna, T	homas	1	O-136	0700-0700	DP-2
Mop up and patrol Improve fireline Extinguish hotspots Backhaul trash and hose 7. Special Instructions: 8. Communications								
Mop up and patrol Improve fireline Extinguish hotspots Backhaul trash and hose 7. Special Instructions: 8. Communications				18		1		
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Mop up and patrol Improve fireline Extinguish hotspots Backhaul trash and hose 7. Special Instructions: 8. Communications							<u> </u>	
Mop up and patrol Improve fireline Extinguish hotspots Backhaul trash and hose 7. Special Instructions: 8. Communications					<u> </u>		2	
Mop up and patrol Improve fireline Extinguish hotspots Backhaul trash and hose 7. Special Instructions: 8. Communications								
Mop up and patrol Improve fireline Extinguish hotspots Backhaul trash and hose 7. Special Instructions: 8. Communications)		
Improve fireline	6. Work Assignments:							
### Extinguish hotspots ### Backhaul trash and hose 7. Special Instructions:	Mop up and patrol							
### Backhaul trash and hose 7. Special Instructions: Racing Special Instructions	Improve fireline							4
7. Special Instructions: 8. Communications (radio and/or phone contact numbers needed for this assignment): Name Ch Function Rx Freq Rx Tone Tx Freq Tx Tone Notes CDF C3 T4 1 Command 151.3400N 103.5 159.3450N 136.5 Tone 4 - Sierra Peak NIFC T5 8 Tactical 166.7250N 166.7250N 166.7250N CALCORD 15 Coordination 156.0750N 156.7 156.7 MEDICAL COORDINATION CDF T20 14 Air to Ground 159.3750N 192.8 159.3750N 192.8 AIR TO GROUND GUARD 16 Emergency 168.6250N 168.6250N 110.9 AIR GUARD 9. Prepared by: Name: Jim Irving Pos/Title: RESL Signature: ICS 204 Date/Time: 9/28/2017 2300 hours	Extinguish hotspots							
8. Communications (radio and/or phone contact numbers needed for this assignment): Name Ch Function Rx Freq Rx Tone Tx Freq Tx Tone Notes CDF C3 T4 1 Command 151.3400N 103.5 159.3450N 136.5 Tone 4 - Sierra Peak NIFC T5 8 Tactical 166.7250N 166.7250N 166.7250N CALCORD 15 Coordination 156.0750N 156.7 156.0750N 156.7 CDF T20 14 Air to Ground 159.3750N 192.8 159.3750N 192.8 AIR TO GROUND GUARD 16 Emergency 168.6250N 168.6250N 110.9 AIR GUARD 9. Prepared by: Name: Jim Irving Pos/Title: RESL Signature: Signature:	Backhaul trash and hose							
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CDF C3 T4 1 Command 151.3400N 103.5 159.3450N 136.5 Tone 4 - Sierra Peak NIFC T5 8 Tactical 166.7250N 166.7250N 166.7250N 156.0750N 156.7 MEDICAL COORDINATION CALCORD 15 Coordination 156.0750N 156.7 156.0750N 156.7 MEDICAL COORDINATION CDF T20 14 Air to Ground 159.3750N 192.8 159.3750N 192.8 AIR TO GROUND GUARD 16 Emergency 168.6250N 168.6250N 110.9 AIR GUARD 9. Prepared by: Name: Jim Irving Pos/Title: RESL Signature: Signature:	A STATE OF THE STA							
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CDF T20 14 Air to Ground 159.3750N 192.8 159.3750N 192.8 AIR TO GROUND GUARD 16 Emergency 168.6250N 168.6250N 110.9 AIR GUARD 9. Prepared by: Name: Jim Irving Pos/Title: RESL Signature: Signature: ICS 204 Date/Time: 9/28/2017 2300 hours Signature:			NA PROPERTY CONTINUES IN	i	450.7		4507	
GUARD 16 Emergency 168.6250N 168.6250N 110.9 AIR GUARD 9. Prepared by: Name: Jim Irving Pos/Title: RESL Signature: Signature:	NUMBER OF STREET OF STREET							
9. Prepared by: Name: Jim Irving Pos/Title: RESL Signature: Date/Time: 9/28/2017 2300 hours	A STATE OF THE STA				192.8			
ICS 204 Date/Time: 9/28/2017 2300 hours Signature:				111111111111111111111111111111111111111	DEOL	168.6250N	110.9	L
Date/Time: 9/28/2017 2300 hours		Jim Irvi				Signature:	und	
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CONTROLLED UNCLASSIFIED INFORMATION//BASIC

1. Incident Name:		2. Operation	al Period:	•		3.		
CANYON		Date From:	09/29/17	Date To:	09/30/17			
		Time From:	0700	Time To:	0700	Branch:	10	
4. Operations Personnel:	17	1		Time Ter	0,00			
Operations Section Chief:		nkenheim Nigh	t Ops: M. var	Loben Sels	/ R. Roberts (T)	Div/Group:	T/X	
Branch Director:			r.cz. s .c.c.c.c.		ty: Isaac Naylor			
Division/Group Supervisor:			zczepanek (T		.,			
5. Resources Assigned:	1		s Below in B	ur **	Reporting Location, Special Equipment,			
Resource Identifier			ader	Personnel	Request #	Remarks, Notes, and Information Time Location		
STC ORC 9328C		Henry,	James	20	E-23	0700-0700	DP-1	
ENG 308		Thompso		3	E-17	0700-0700	DP-1	
ENG 307		Lewin,	Gregroy	3	E-19	0700-0700	DP-1	
ENG 309			n, Daniel	4	E-16	0700-0700	DP-1	
W/T PVT E-90		Perrault	, Charlie	1	E-90	0700-1900	DP-1	
							1599.1 VVI	
		1	i V					
	5							
						590		
		L.						
					6			
See subject 86 to 129								
6. Work Assignments:								
Mop up 100' and patrol								
Improve fireline								
Extinguish hotspots								
Backhaul trash and hose		74						
7. Special Instructions:							75	
-								
8. Communications	(radio a	and/or phone conta	ct numbers ne	eeded for this	assignment):		V	
Name	Ch	Function	Rx Freq	Rx Tone	Tx Freq	Tx Tone	Notes	
CDF C3 T4	1	Command	151.3400N	103.5	159.3450N	136.5	Tone 4 -Sierra Peak	
NIFC T6	9	Tactical	166.7750N		166.7750N	,,,,,	I SIIS T - Ololle I Call	
CALCORD	15	Coordination	156.0750N	156.7	156.0750N	156.7	MEDICAL COORDINATION	
CDF T20	14	Air to Ground	159.3750N	192.8	159.3750N	192.8	AIR TO GROUND	
GUARD	16	Emergency	168.6250N		168.6250N	110.9	AIR GUARD	
9. Prepared by: Name:	Jim Irvi		Pos/Title:	RESL		7.2.0	C C	
ICS 204		Date/Time:		2300 hours	Signature:	gunne &	1	

CONTROLLED UNCLASSIFIED INFORMATION//BASIC

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1. Incident Name:		2. Operation	al Period:			3.	
CANYON		Date From:	09/29/17	Date To:	09/30/17		
		Time From:	0700	Time To:	0700	Branch:	
4. Operations Personnel:	:					Di/O	Cump Danaiu
Operations Section Chief	M. Bla	nkenheim Nigh	t Ops: M. van	Loben Sels	/ R. Roberts (T)	Div/Group:	Supp Repair
Branch Director	:						Ä
Division/Group Supervisor:	Hans E	Bolowich / Adam I	Estabrook (T)				Page 1 of 2
5. Resources Assigned:		** Resource	s Below in Bo	our **	Reporting Locati	ion, Special Equipment,	
Resource Identifier		Lea	der	Personnel	Request #	Time	, and Information Location
FOBS RODGERS O-76		Rodgers,	Brandon	1	O-76	0700-1900	ICP
STG BDU 9355 G		Apodac	a, Mike	33	C-23	0700-1900	ICP
DOZ PVT E-29		Van Gaa	ale, Jon	1	E-29	0700-1900	ICP
DOZ PVT E-27		Johnso	n,Chad	1	E-27	0700-1900	ICP
DOZ PVT E-103		Holtz, F	Richard	1	E-103	0700-1900	ICP
DOZ PVT E-104		Goodwi	n, Russ	1	E-104	0700-1900	ICP
DOZ PVT E-106		Bramlet	, Manny	1	E-106	0700-1900	ICP
DOZ PVT E-108		Pueva	h,Eric	1	E-108	0700-1900	ICP
GRADER - T2 - R & R PVT	E-2065	Elliott,	Nathan	1	E-2065	0700-1900	ICP
W/T BDF 12		Hernande	Hernandez, Steven		E-94	0700-1900	ICP
W/T NAT E-89		Robinso	Robinson, Scott		E-89	0700-1900	ICP
W/T PVT E-85		Martin	, Jerry	1	E-85	0700-1900	ICP
W/T PVT E-88		Lebov	v,Ron	1	E-88	0700-1900	ICP
W/T PVT E-91		Oxenha	m,Gary	1	E-91	0700-1900	ICP
HEQB Newell O-211		Newell	, David	1	O-211	0700-1900	ICP
HEQB ATTEBURY O-52		Attebury	Attebury, Dustin		O-52	0700-1900	ICP
HEQB TOSCANO O-54		Toscano	Toscano, Gilbert		O-54	0700-1900	ICP
HEQB KAILEY O-53		Kailey, Ka	Kailey, Kanwardip S		O-53	0700-1900	ICP
Work Assignments: Implement fire suppression r Special Instructions:	epair pla	n					
8. Communications	(radio a	and/or phone conta	ct numbers ne	eded for this	s assignment):		
Name	Ch	Function	Rx Freq	Rx Tone	Tx Freq	Tx Tone	Notes
CDF C3 T4	1	Command	151.3400N	103.5	159.3450N	136.5	
VFIRE 24	10	Tactical	154.2725N	156.7	154.2725N	156.7	Tone 4 -Sierra Peak
CALCORD	15	Coordination	154.2723N 156.0750N	156.7	156.0750N	156.7	MEDICAL COORDINATION
CDF T20	14	Air to Ground	159.3750N	192.8	159.3750N	192.8	MEDICAL COORDINATION
GUARD	16	Emergency	168.6250N	102.0	168.6250N	110.9	AIR TO GROUND
9. Prepared by: Name:	Jim Irvi		The Automotive Control of the Contro	RESL	100.023014	110.9	(AIR GUARD
ICS 204	JIIII II VII	Date/Time:		2300 hours	Signature:	amo	
100 204		Date/Time.	312012011	2300 110018		1	

CONTROLLED UNCLASSIFIED INFORMATION//BASIC

1. Incident Name:		2. Operation	al Period:			3.		
CANYON		Date From:	09/29/17	Date To:	09/30/17	1		
		Time From:	0700	Time To:	0700	Branch:		
4. Operations Personnel	:			ocassasse seresas				
Operations Section Chief	M. Bla	nkenheim Night	t Ops: M. var	Loben Sels	R. Roberts (T)	Div/Group:	Supp Repair	
Branch Director	Branch Director:							
Division/Group Supervisor	: Hans E	Bolowich / Adam E	Estabrook (T			1	Page 2 of 2	
5. Resources Assigned:		** Resource	ur **	Reporting Locati	on, Special Equipment,			
Resource Identifier		Lea	der	Personnel	Request #	Remarks, Notes	, and Information Location	
HEQB MONTELONGO O-2	022	Montelon	go, Andy	1	O-2022	0700-1900	ICP	
FOBS MADSEN 0-77		Madsen,	Douglas	1	0-77	0700-1900	ICP	
RESP STEMPNIEWICS 0-2	2086	Stempniewi	cs, Victoria	1	O-2086	0700-1900	ICP	
RESP WELLS O-2080		Wells	, Jeff	1	O-2080	0700-1900	ICP	
					161			
						N. Carlotte		
			i)					
6. Work Assignments:								
Implement fire suppression r	epair pla	n						
						J		
7. Special Instructions:								
8. Communications	(radio a	and/or phone conta	of numbers no	eded for this	assignment):			
Name	Ch	Function	Rx Freq	Rx Tone	Tx Freq	Tx Tone	Notes	
CDF C3 T4	1	Command	151.3400N	103.5	159.3450N	136.5		
VFIRE 24	10	Tactical	154.2725N	156.7	154.2725N	156.7	Tone 4 -Sierra Peak	
CALCORD	15	Coordination	156.0750N	156.7	154.2725N 156.0750N	156.7	MEDIONI OCCUPANTATION	
CDF T20	14	Air to Ground	159.3750N	192.8	159.3750N	192.8	MEDICAL COORDINATION	
GUARD	16	Emergency	168.6250N	192.0	168.6250N	110.9	AIR TO GROUND	
9. Prepared by: Name:	Jim Irvii		Pos/Title:	RESL	100.023014	110.8	AIR GUARD	
ICS 204	OHIT II VII	Date/Time:		2300 hours	Signature:	summen	him	
IJU ZUT		Date/ Tille.	312012011	2300 Hours				

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By	SOUL TELES	od - IIMe	2	ormation Night Hoist ORC C1	UH-1H	Ocation Fullerton Fullerton Request Procedure for These Aircraft:	See Medical Plan For Additional Info	Phone												Remarks								100					Remarks								
Prepared By	Torri Swanson	Operational Period - Time	70-0070	Rescue Ship Information Day Hoist Night H. Name ORC C1 ORC C		Fullerton Procedure for	lical Plan For,	Name												Re													Rei		2						
	2	ober		Resci Name Phone	Make/Model	Location Request	See Med	Z												Start													Start								
d 20 2017	20, 2017	- Date	3, 2017	UO	Lat	Long	123.1750 .gov/tfr2/list.html	Phone	(530) 310-2236	(949) 877-2841	(805) 610-2908	(530) 448-2414	(949) 322-8815		0000 00	(949) / 02-3868				Avail													Avail								
Date Prepared	September	Operational Penou - Date Friday, September 29, 2017	אובוווחבו ל	TFR Information st # A46 lius: 2 NM	33 51.15 Lat	117 41.03 Long			(230) 3	(949) 8	(802) 6	(530) 4	(949) 3;		7 (070)	(848) //				Helibase													Base								
Date Prepared	Onoratio	Priday Se	I IIday, od	TFR Request # Radius: Altitude:	Centernoint	NOTAMS:	Frequency http://tfr.faa	Name	Scott Packwood	Greg Bradshaw	Tom Swanson	Scott Corn	Kenny Dossey		Orking	I IIII Perkins				Make/Model						n							Make/Model								
Time Prepared 2000	Shutdown	1911	formation	nformation IRVINE 33 53.572	Information B IRVINE B 33 53.572 B 117 36.373	Helibase Information Name IRVINE Latitude 33 53.572 Longitude 117 36.373 Name Latitude Longitude	if needed)	ž	Scott P	Greg B	Tom S	Scot	Kenny		j.			(Popod	(nana	lype	200											ded)	Type								
	Op. 148	9110	2	Helibase Ir Name Latitude		Name Latitude	Longitude (use page 2 if needed)	Position	AOBD	AOBD	AOBD (T)	ASGS	HEBM	HEBM(T)	D C	ATO	ATCO	2		FAA#												Page 2 if Needed)	FAA#								
	Support	1841	1401	Equipment, etc. ONS TAKEN. NS DROPPED MINUTES FORMAT.	FORMAI. fer, etc. ovide the rea.	AM / FM	FM	FM	AM	AM	Σi	2 2	AIN			FRS (11st		ILKS	Cargo	200	/ Kecon										ırks										
0	J. 1406f	7811			General Kemarks, Safety Notes, Hazards, Air Operations Special Equipment, etc. TRACK ALL DIPSITE LOCATIONS / NUMBER OF DIPS / GALLONS TAKEN. TRACK ALL DROP LOCATIONS / NUMBER OF DROPS / GALLONS DROPPED GPS DATA TO BE COLLECTED IN <u>DEGREES, MINUTES, DECIMAL MINUTES</u> FORM AVOID Aerial Application of Retardant / Foam / Agent within 300' of Waterways, Bodies of Water, etc. If Retardant / Foam / Agent is Dropped Within These Areas Immediately Notify the AOBD and Provide the Following Information: Lat / Long, Estimated Number of Gallons and a Map Detailing The Area.	Sodies of Wate 10BD and Prov tailing The Are	OBD and Prov	OBD and Provi	OBD and Provi		OBD and Provi		OBD and Provi		Tone		192.8 (16)			1	136.5 (4)		101 (0)	(0) / 001	HEI ICOPTERS (11se		Kemarks	Water/ Cargo	1,000	L cooler				50					FIXED WING (Use	Remarks	
ICS-220	Stortin	O711		s Special I S / GALLC / GALLON DECIMAL	aterways, Bo	Notify the AC 1 a Map Deta		X		3750	1750			3450	000	000	2250	202		Start	0800	0000	0000										Start								
MARY	Suprice	O641	;	Operations R OF DIPS F DROPS	in 300' of W	Immediately f Gallons and		XI		159.3750	123.1750			159.3450	162 1000	163.1000	156.0750			Avaii	0020	0420	20,00										Avail								
NNS SUM		105068		lazards, Air (NS / NUMBE / NUMBER (DEGREES, N	am / Agent with	n These Areas nated Number o	9/ 10	Tone		192.8 (16)			1	103.5		156 7 (6)	140 0 (4)	(1) 6:011	101-11	пешраѕе	Irvine	9 9 9	e livilia										Base								
AIR OPERATIONS SUMMARY	Incident Name / Number	CANYON FIRE / CAORC17105068	foth, Motor Ho	afety Notes, Ha ITE LOCATION LOCATIONS / LLECTED IN DE	ITE LOCATIONS ITE LOCATIONS LOCATIONS / NI LECTED IN DEG	afety Notes, Haza ITE LOCATIONS, LOCATIONS / NU LECTED IN <u>DEG</u>	wety Notes, Haza ITE LOCATIONS/ LOCATIONS/ NU. LECTED IN DEG	General Remarks, Safety Notes, Hazards, Air Operations Special Equipment, et TRACK ALL DIPSITE LOCATIONS / NUMBER OF DIPS / GALLONS TAKEN. TRACK ALL DROP LOCATIONS / NUMBER OF DROPS / GALLONS DROPPED All GPS DATA TO BE COLLECTED IN <u>DEGREES. MINUTES. DECIMAL MINUTES</u> FOF	of Retardant / Fo	t is Dropped Withi :: Lat / Long, Estin		RX		159.3750	123.1750		2000	151.3400	163 1000	165.1000	168 6250	000000	Bar Landan	iviake/iviodei	205	1000	Asiai								4		Make/Model				
AIR	Incident Nan	N FIRE /		II Remarks, S ACK ALL DIP? XK ALL DROF TA TO BE CO	Verial Application	nt / Foam / Agen wing Information		encies	- COMMAND	D - TACTICAL	AIR/AIR ROTARY WING	AIR/AIR ROTARY WING	AIR TACTICS	I C	2 3	MEDICAL	nergency Only	()	H.	lype	2	c	9										Type								
		CANAC		Genera TR/ TRAC All GPS DA ⁻	AVOID	If Retardal Follo		Frequencies	AIR / GROUND - COMMAND	AIR / GROUND - TACTICAL	AIR/AIR RO	AIR/AIR RO	AIR TACTICS		DECK	CALCORD - MEDICAL	AIRGALIRD - Emergency Only		77 4 4 1	* 4	C534	00000	UZSLD										FAA#								

Medical Supplies Base Camp PARAMEDICS Note	MEDICAL PLA ICS 206		ENT NAME Anyon		TE PARED 8-17	3. TIME PREPARED 1500	9	4. OPERATIONAL PERIOD 9/29/17 0700 – 9/30/17 0700			
Medical Supplies Base Camp X X MERT w/Treatment Base Camp X X 6. TRANSPORTATION A. AMBULANCE SERVICES Care Ambulance (ALS w/Fire) Villa Park, OCFA / Anaheim FS 9 714-288-3896 N X Mercy Air 4 Pullerton Airport 800-675-9421 X N OCFA Air Ship Pullerton Airport 714-573-6522 X N B. INCIDENT AMBULANCES NAME LOCATION PHONE PARAMEDICS NAME LOCATION PHONE PARAMEDICS T. HOSPITALS NAME LOCATION PARAMEDICS NAME LOCATION PHONE PARAMEDICS NAME LOCATION PARAMEDICS NO VES			5. INCIDENT MED	ICAL AII	STATION	NS					
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ICS 205 - INCIDENT RADIO COMMUNICATIONS PLAN

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1. Inc	1. Incident Name:		2. Date/Time Prepared		3. Operational Period:	nal Period:			
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			Time:		1830 Time From: 0700	0020	Time To:	0700	
4. Co	4. Communications								
Ch#	Function	Name	Assigned To	Rx Freq	Rx Tone	Tx Freq	Tx Tone	Notes	
_	Command	CDF C3 T4	All Divisions	151.3400N	103.5	159.3450N	136.5	Tone 4 -Sierra Peak	
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8									
4									
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7	Tactical	CDF T27	DIV B	159.3075N	192.8	159.3075N	192.8		
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10	Tactical	VFIRE 24	SUP REPAIR	154.2725N	156.7	154.2725N	156.7		
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41	Air to Ground	CDF T20	All Divisions	159.3750N	192.8	159.3750N	192.8	AIR TO GROUND	
15	Coordination	CALCORD	All Divisions	156.0750N	156.7	156.0750N	156.7	MEDICAL COORDINATION	
16	Emergency	GUARD	All Divisions	168.6250N		168.6250N	110.9	AIR GUARD	
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5. Spe	5. Special Instructions								
6. Pre	pared by (Commur	nications Unit Le	6. Prepared by (Communications Unit Leader): Name: John Brooks COML	(S COML		Signature:	1330 N		
ICS 205	05 - CONTROLLEI	D UNCLASSIFIED	CONTROLLED UNCLASSIFIED INFORMATION//BASIC			Date/Time:	09/28/17	1830	
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LAST TRAINING MESSAGE ON the CANYON FIRE

FOR THOSE WHO ARE DEMOBING AS A TRAINEE.....

And I know who you are.....

Be sure that you have your evaluator sign your performance evaluation (ICS 225), your task book evaluation page and sign off the appropriate tasks/components on your task book.

If you are here as a trainee and have not checked in with TRAINING yet.....

You may want to bring a pocket full of snacks and some patients.

It may be a long day for you.....

Training will be closed for this incident at 12:00 today!

STATE OF CALIFORNIA
DEPARTMENT OF FORESTRY AND FIRE PROTECTION
PROPERTY CERTIFICATION OF LOCATION OR DAMAGE
CERTIFICATE OF RESPONSIBILITY FOR INCIDENT OCCURRANCE
CAL FIRE-101 page 1 of 2 (1/07)

Incident#: Request #:

CAL FIRE-101 pa	ge 1 of 2 (1/	u/)					DOC. NU	MBER:
LOCATION / INCI	DENT NAM	E:	INCIDENT NUMB	BER:	UNIT:	REGION:	DATE:	
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Canyon CA-ORC-105068

Suppression Repair Plan for SRA lands

September 29, 2017

General

- Repair any water lines and culverts that may have been damaged due to suppression activities where feasible.
- Remove berms and barriers created by fire control access and suppression efforts.
- Pack all trash out.
- Report any damages or needs to the Fire Suppression Repair Division Group Supervisor. Comp Claims will be notified if the damage cannot be fixed immediately.

Staging Areas / Safety Zones

- New Construction: pull berms, resurface, cross drain, remove debris resulting from use and scatter on site, and abandon (if applicable).
- Existing: Repair to original condition; cross drain, remove debris resulting from use and scatter on site (if applicable).

Roads

- Grade to original road prism where necessary.
- Clean culverts plugged with soil and debris resulting from fire control activities.
- Breach/remove berms to facilitate drainage.

Firelines

Dozers

- Where excessive berms were formed, back blade berms onto control line surface.
- Back blade or pull organic debris onto surface and scatter evenly over control line at designated sensitive areas.
- Construct waterbars.

Handlines

- Where excessive berms are formed, pull berms onto control line surface.
- Pull organic debris onto and scatter evenly over control line surface at designated sensitive areas.
- Construct waterbars to the same standard as dozer lines (see above)

<u>Install waterbars on all constructed or used dozer lines, roads, and handlines using the following criteria:</u>

Slope%	0-10	11-25	26-50	>50	
Dozer line and	100'	75'	50'	50'	*All waterbars
handlines (at					should be installed
every listed					diagonally with a
distance)					minimum cut of 6"
Road	200'	150'	100'	75	into existing grade,
127 727 20 527 77				200	

and minimum height of 18" from the bottom of the trench to backfill top. Waterbars shall be installed at all approaches to watercourse crossings. Waterbars shall be constructed to allow for drainage at the discharge end into non-erodible material and into the green where feasible. All waterbars to be constructed at 30 degrees, angled downhill.

Watercourses

- All watercourse issues shall be reported to the Suppression Repair Group Supervisor immediately, before any work may begin.
- All slash, soil, and debris deposited into watercourses resulting from fire suppression activities shall be removed and stabilized.
- All loose soil must be pulled away from the watercourse and stabilized.

Slash piles

- Piles within 150' of permanent structures or public roads will be lopped and/or scattered within 18" of soil surface, or chipped if feasible.
- Piles outside the 150' fire safe zone shall be retained for wildlife cover.

Archaeological or Historic Sites (if discovered)

- All potential sites shall be avoided.
- Impacted sites will be reported to the Fire Suppression Repair Group Supervisor.
- If sites are encroached upon, work will stop immediately; if there is no threat of fire spread, and the Division/Group Supervisor shall be notified.

Specific Repair Plan for SRA and State DPA Areas (Assessment is ongoing)

- **Division B** Handlines: remove berms and construct waterbars where needed. Dozer line: remove berms and construct waterbars.
- **Division F** Handlines: remove berms and construct waterbars where needed. Dozers lines: remove berms and construct waterbars. Water and grade Skyline Dr, Blackstar Canyon Rd..
- **Division M** Handlines: remove berms and construct waterbars where needed. Dozers lines: remove berms and construct waterbars. Water and grade Main Divide Truck Trail.
- **Division T** Handlines: remove berms and construct waterbars where needed. Water and grade Coal Canyon Truck Trail.
- **Division X** Handlines: remove berms and recontour where needed. Dozer lines: remove berms and recontour where needed.

ATTACHMENT 1.

Fire Suppression Rehabilitation Guideline

Mitigation of suppression damages will minimize the long-term impacts caused by personnel and equipment. The following actions will be implemented to minimize long-term impacts from suppression activities.

ROADS

- 1. Existing dirt surfaced roads used for access will be returned as close to pre-incident condition as possible. This will be accomplished by pulling any significant amounts of side cast material back onto the road, watering and compacting the road surface.
- 2. Existing roads that are closed, but reopened for current incident use will be returned as close to pre-incident condition as possible. This may include repairing and/or replacing the original erosion control structures, cleaning and improving ditches and blocking the entrance to the roads.
- 3. Additional mitigations of suppression impacts to National Forest roads will be determined and directed by the Forest Engineer or designee.

DOZER LINES

All mechanical lines require archaeological and biological surveys prior to rehabilitation. Dozer lines will be treated by pulling outside berms back into the control line, re-contouring or outsloping the surface to allow for drainage, and where necessary, placing waterbars in the control line. Installed waterbars will consist of a minimum of a six inch (6") cut into the firm bed of the control line and have a berm with a compacted height of no less than twelve inches (12"). The waterbars will be constructed diagonally across the control line at an angle of thirty-five to forty degrees. Where extreme slopes prevent the use of heavy equipment from placing waterbars in control lines, hand crews will be used to perform the necessary erosion control work. When dozer lines follow a ridge where there is no vegetation on either side, or where there is unburned vegetation on both sides (indirect line), re-contouring and waterbars should be designed to divert water equally to both sides of the ridge (herring-bone).

HAND LINES

All hand lines require archaeological and biological surveys prior to rehabilitation. Hand lines will be rehabilitated to allow for drainage by re-contouring and construction of waterbars. Waterbars for hand lines should be cut to a depth equal to the width of a standard fire shovel. The waterbars will be constructed diagonally across the control line at an angle of thirty-five to forty degrees. The outside end of the waterbar must be open and should discharge into an area where the ground surface is protected by vegetation that is unburned, if possible. Trenching and berms, where present, will be removed and any topsoil available will be pulled back cross the hand line. When hand lines follow a ridge where there is no vegetation either side, or where





there is unburned vegetation on both sides (indirect line), re-contouring and waterbars should be designed to divert water equally to both sides of the ridge. In some cases, chunking or berming may be used in combination with the above techniques to prevent access for unauthorized OHV use.

WATERBARS

Waterbars should be constructed at logical discharge points and guided by the spacing criteria as follows:

Fireline slope	Maximum Distance Apar
%	(feet)
1-14	150
15-20	90
21-40	50
41+	25

Recommended spacing for waterbars on firelines. Waterbars should be no further apart than this, but they may be closer. When in doubt, put in

apart than this, but they may be closer. When in doubt, put in more. Adapted from: UDSA-Forest Service, "Sale Administrator's Handbook"

REMOVED VEGETATION TREATMENTS

After the fire is under control and with the approval of the Incident Commander, vegetation removed to construct control lines will be scattered back onto the control lines. Approval for this could be a week or more after control of the fire depending on when the threat of restart has passed.

WATERCOURSE

A watercourse is defined as a channel containing water or exhibiting a scoured bottom which indicates sediment transport or contains vegetation that grows in streams (i.e. willows, alders, ferns, etc.). Mitigation of suppression impacts will be determined and directed by the Resource Advisor and/or designees. Suppression activity causing ground disturbance of more than 800 square feet within 50' of streams will have appropriate erosion control treatment.

INSTREAM IMPROVEMENTS (WATER SOURCES)

All in-stream facilities and disturbance created by activities to improve water collection for fire suppression will be evaluated and mitigated under the direction of the Resource Advisor and/or designees. These facilities and disturbances include but are not limited to sumps, drafting locations, and intentionally blocked culverts. All building and other materials such as plastics, canvas, plywood, dimension lumber, etc., will be removed from such sites to a suitable disposal site or be recycled. All trash, cardboard, hoses, fittings, and pumps will be removed from the site.

<u>HELISPOTS, HELIPORTS, SAFETY ZONES, DROP POINTS, AND OTHER</u> CLEARINGS

All helispots, heliports, safety zones, drop points, and other clearings require archaeological and biological surveys prior to rehabilitation. All clearings constructed to support suppression activities will be returned as closely to pre-incident conditions as is possible. At a minimum, berms will be pulled or raked back into the site, if needed the site will be crowned to facilitate surface drainage and the vegetative material removed from the site will be lopped and scattered over the disturbed area to reduce erosion/unauthorized OHV potential. In some cases, chunking, berming or other barriers may be used in combination with the above techniques to prevent access for unauthorized OHV use. All areas cleared by heavy equipment must be surveyed for archaeological/biological resources prior to rehabilitation.

IMPROVEMENTS

Improvements such as fences, gates, guzzlers, flood control basins, drainage structures, drainage channel, culverts, and paved roads damaged by suppression activities will be repaired to pre-fire conditions. When dealing with damages to private property, repairs/mitigations to improvements that are beyond the capacity of suppression resources, notify the Resource Advisor and/or designee and also the compensation claims unit.

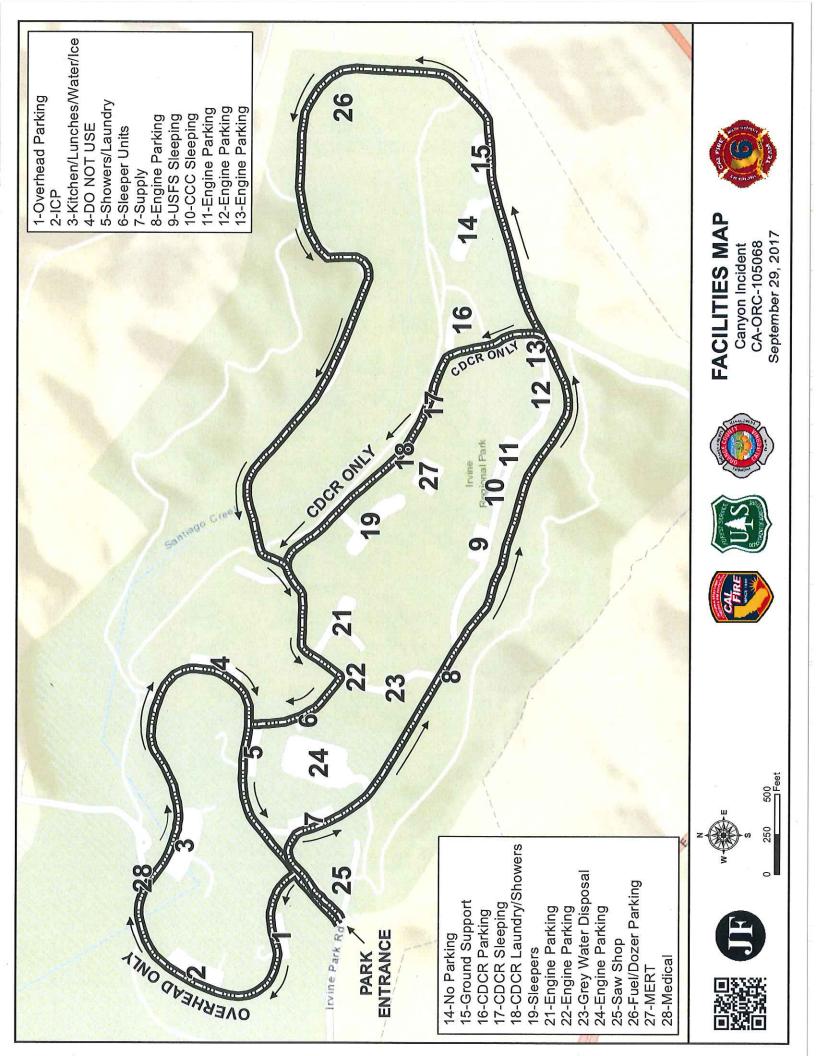
ARCHAEOLOGICAL SITES

Any impacts to archaeological sites will be evaluated and mitigated on a case-by-case basis prior to rehabilitation activities. Additional measures may be required.

ADDITIONAL REHABILITATION NEEDS

In situations where the above guidelines will not effectively prohibit unauthorized OHV use of new control lines or other cleared areas, additional measures such as fencing or other barriers may be necessary as determined by the Resource Advisor. Once site-specific assessments are completed and appropriate supplies and materials ordered, these measures will be implemented. This may require additional time.

Reference: Hauge, C.J., M.J. Furniss and F.D. Euphrat. 1979. Soil erosion in California's Coast Forest District. California Geology. June, 1979.



	UNIT LOG	CONT. (ICS 214)				
1. Incident Name:		2. Operational Period:	Date From:	9/29/17	Date To:	9/30/17
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