

Incident Action Plan

South Complex

CA-SHF-002108

P5J0MZ (0514)



NIGHT SHIFT



08/11/15 – 08/12/15

1800 – 0600


**FIRE INFORMATION
(530) 628 – 0093**

TUESDAY

INCIDENT OBJECTIVES (ICS 202)

1. Incident Name:		2. Operational Period: NIGHT	
SOUTH COMPLEX		Date/Time From: 08/11/2015 1800 TUE	Date/Time To: 08/12/2015 0600 WED
3. Objective(s):			
<ul style="list-style-type: none"> • Ensure that strategies and tactics provide for firefighter and public safety through the application of sound risk management principles. • Limit the impacts of unwanted fire on private and tribal lands where it is safe to do so. • Establish and strengthen cooperator, partner, and stakeholder relationships. • Minimize the cost of the incident by employing tactics that have the highest probability of success while minimizing firefighter exposure. • Continue to coordinate and provide support to the Route Complex. 			
4. Operational Period Command Emphasis:			
<ul style="list-style-type: none"> • Minimize impacts to the Trinity River Scenic Byway by keeping the Complex south of the Trinity River. • Prevent the Castle Fire from spreading further onto Six Rivers NF by keeping it east of the 311 Road. • Minimize threat to private property and infrastructure by limiting the northerly spread of the Pattison Fire. 			
General Situational Awareness:			
5. Site Safety Plan Required? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>			
Approved Site Safety Plan(s) Located at:			
6. Incident Action Plan (the items checked below are included in this Incident Action Plan):			
<input checked="" type="checkbox"/> ICS 202	<input type="checkbox"/> ICS 207	Other Attachments:	
<input checked="" type="checkbox"/> ICS 203	<input type="checkbox"/> ICS 208	<input checked="" type="checkbox"/> FIRE BX	
<input checked="" type="checkbox"/> ICS 204	<input checked="" type="checkbox"/> ICS 220	<input checked="" type="checkbox"/> SAFETY MESSAGE	
<input checked="" type="checkbox"/> ICS 205	<input checked="" type="checkbox"/> Map/Chart	<input checked="" type="checkbox"/> LCES WORKSHEET	
<input checked="" type="checkbox"/> ICS 205A	<input checked="" type="checkbox"/> Weather Forecast/Tides/Currents	<input type="checkbox"/> _____	
<input checked="" type="checkbox"/> ICS 206		<input type="checkbox"/> _____	
7. Prepared by:		Position/Title: PSC2	Signature: 
8. Approved by Incident Commander:		Name:	Signature: 
ICS 202	IAP Page	Date/Time:	08/11/2015 2200

ORGANIZATION ASSIGNMENT LIST (ICS 203)

1. Incident Name:		2. Operational Period: NIGHT	
SOUTH COMPLEX		Date/Time From: 08/11/2015 1800 TUE	Date/Time To: 08/12/2015 0600 WED
3. Incident Commander(s) and Command Staff:			
IC/UC	RICK YOUNG	DEPUTY	AARON LOWE
DEPUTY	JOE MOLHOEK	SUPPLY UNIT	TRACEY VALENTINE
LIAISON OFFICER	TIM FIKE	FACILITIES UNIT	BILL PATTEN / RIC CROWTHER ROBIN DAVIS (T)
SAFETY OFFICER	TERRY O'CONNELL STEVE DAVIS	GROUND SUPPORT UNIT	JOHN FELL / MERLE DRUCKER
INFORMATION OFFICER	ADRIENNE FREEMAN COREY WILFORD	COMMUNICATIONS UNIT	DON STONER
		MEDICAL UNIT	PATRICK YOUNG
		FOOD UNIT	KEVIN BROWNING
4. Agency/Organization Representative(s):			
Agency/Organization	Name	7. Operations Section:	
AGENCY ADMIN	DAVE MEYERS	DAY OPS CHIEF	ERIC PETTERSON
SHASTA NF DUTY CHIEF	GWEN SANCHEZ	NIGHT OPS CHIEF	SCOTT LUCAS
AAR	VINCE KEELER	PLANNING OPS	DAN GEORGE
LEAD RESOURCE ADVISOR	LOIS SHOEMAKER JOE STUBBENDICK	DIVISION/GROUP	M / U MARK JOHNSON
TRINITY COUNTY SHERIFF	MIKE RIST	DIVISION/GROUP	O / Q JOE GRIFFIN SAM DONAHUE (T)
TRINITY COUNTY ADVISOR	ROGER JAEGEL LARRY WINTER	DIVISION/GROUP	S / Z STEVE RAYMER
PG&E	JOE CERACERI	DIVISION/GROUP	STRUCTURE UNSTAFFED
AMERICAN RED CROSS	KENDRA POSPYCHALLA	DIVISION/GROUP	CONTINGENCY UNSTAFFED
HYAMPOM VOLUNTEER FD	JOE WATKINS	7b. Air Operations Branch:	
CHP	MIKE ARPAI	AIR OPS BRANCH DIRECTOR	DENNIS KUSTER STACI DICKSON (T)
TRINITY PUD	RORY BARRETT	ASGA	ALEXANDER STONE JOHN MASON (T)
CAL OES	GARY HUMPHREY	ATGS	HARDY BLOEMEKE STEVE REED (T)
5. Planning Section:		HELIBASE MANAGER	TOM KENNEDY
CHIEF	PATRICK FARRELL JEFF BUSCHER (T)	8. Finance/Administration Section:	
RESOURCES UNIT	ROBERTA LIM; D. MILLER	CHIEF	BETH LOPEZ
SITUATION UNIT	K. FLOOD ; M. BROWN; J OWEN (T)	DEPUTY	RICH ANDERSEN
DOCUMENTATION UNIT	REX CRABTREE LATONYA SINGLETON (T)	PERSONNEL TIME UNIT	PENNY PORTLOCK
DEMOBILIZATION UNIT	RUBINA VIGIL	EQUIPMENT TIME UNIT	JUANITA CORTEZ
FIRE BEHAVIOR ANALYST	KEN LARSON	COST UNIT	SAM RAPPHAHN
INCIDENT METEOROLOGIST	ANDY HANER DAVID SHALLENBERGER (T)	COMPENSATION UNIT	TINA KENNEDY
CTSP	SHANE NEAL; Z. SOHL (T)	IBA	ANNA DILLARD
TRAINING SPECIALIST	BRAD SMITH; SEAN WOLF (T)		
GIS SPECIALIST	M. KERR; M. GRUPE; S. MIKULOVSKY		
STATUS CHECK-IN	JONNA HILDENBRAND (T)		
6. Logistics Section:			
CHIEF	JACK COSTELLO		
9. Prepared By: Name: DUANE MILLER		Position/Title: RESL	Signature:
ICS 203	IAP Page	Date/Time: 08/11/2015 1000	



South Complex Fire Weather Forecast



FORECAST NO: 18

NAME OF FIRE: South Complex

PREDICTION FOR: Tuesday Night Shift

UNIT: Shasta-Trinity National Forest

SHIFT DATE: Aug 11, 2015

SIGNED: *David J. Shallenberger* 
Incident Meteorologist (T)

TIME AND DATE

FORECAST ISSUED: Aug 11, 2015 @ 1100 PDT

WEATHER DISCUSSION: Will maintain an upper level low just off the NW CA coast line through tonight along with southerly to westerly upper level winds creating some moderate breezes along the highest ridges in the region. Some mid-level moisture creeping into the area will continue to allow for some cloud development over the area as well and may lead to a few lingering sprinkles into the early evening. Otherwise, still expecting a good RH recovery along with an inversion setting up again though, likely a bit higher than in previous nights and not impacting ridges within the incident.

Weather Forecast for Tuesday Night:

Weather: Mostly Cloudy, due to mid and high-level clouds.

Low Temperature... 53°-58°

Max RH..... Good Recovery: 70-80%

20-FOOT WINDS:

Ridgetop..... West-southwest 6-10 mph early this evening, becoming light and variable overnight

Slope/Valley..... Becoming light and variable, or calm

CWR (>=0.10").... 0% **LAL....** 1 (No Lightning)

Outlook for Wednesday:

Weather: Partly Cloudy, with some cumulus buildups in the afternoon.

High Temperature... 78°-87°

Min RH..... 20-30%

20-FOOT WINDS:

Ridgetop..... West-southwest wind 2-6 mph in the morning, becoming more westerly 9-14 mph in the afternoon

Slope/Valley..... Upslope/upvalley 4-8 mph, with a northwest-west wind 5-10 mph developing in the major Trinity and South Trinity drainages around mid-afternoon.

CWR (>=0.10")....0% **LAL....**1 (No Lightning)

EXTENDED OUTLOOK for Thursday through Saturday:

The upper level low over the OR and NW CA coast will still be in place through Thursday, creating some west through southerly mid-level winds across the area. Some mid-level moisture still in place will allow for some cumulus build up again with some possible isolated showers. Still instability will be minimal. By Friday, the upper level low will begin to lift out of the coastal area as it weakens and ejects northeast. A northwest flow will follow this change in pattern resulting in a drier and more breezy pattern. Temperatures will then also increase each afternoon with some upper 90s for max temperatures for Friday and Saturday.

FIRE BEHAVIOR FORECAST

FORECAST NUMBER: 18	TYPE OF FIRE: Wildland Fire
FIRE NAME: South Complex	OPERATIONAL PERIOD: 1800-0600, August 11-12, 2015
DATE ISSUED: August 11, 2015	TIME ISSUED: 1100
UNIT: Shasta-Trinity NF	SIGNED: /s/ Ken Larson, FBAN

INPUTS

WEATHER SUMMARY: ***** See attached Fire Weather Forecast*****

Discussion: Expect light winds overnight. Inversion will set up late evening creating smoky conditions over most of the fire area. Good humidity recovery overnight.

Weather: Mostly cloudy.

Min Temp: 53 - 58°

Max RH: 70-80%

Winds (20 foot): Ridgetop: W-SW 6 – 10 mph early, becoming light and variable overnight
Slope/Valley: Light and variable to calm.

FIRE BEHAVIOR

GENERAL

Fire behavior will be active late afternoon through early evening as drainage winds impact lower elevations and west-southwest winds impact upper elevations of the fire area. Fire spread will be primarily upslope/up canyon with some occasional runs through early evening. Backing fire and roll-out will also contribute to spread. After dark expect the fire behavior to moderate but will remain active throughout the night. Hayfork ERC for August 10 was 53.

SPECIFIC FIRE BEHAVIOR

Brush/previous burn areas: potential worst-case surface head fire spread will be 15-25 chains/hour with flame length 4 to 6 feet until early evening then moderate to 2-4 chains/hour, flame length 1-2 feet. Backing fire rate of spread up to 2 chains/hour. Maximum spotting distance ¼ mile decreasing to short range after dark. Probability of ignition will drop to 10-20% during the night.

Timber fuel types: potential worst-case surface fire spread will be 6-9 chains/hour with flame length 2 to 4 feet, becoming 2-4 chains/hour, flame length to 4 feet late evening. Backing fire rate of spread to 2 chains/hour. During the evening individual and group tree torching and short-duration crown runs could occur. Spotting distance ¼ mile decreasing to short range late. Probability of ignition will be 10-20%.

Areas of Concern:

Divisions N, P (Route Complex): afternoon/evening NW winds may increase spotting and spread rates.

Division M: upcanyon NW and upper level westerly winds may impact the indirect line between DP-61 and the river.

Division Q: the Mill and York fires may be impacted by the NW upcanyon winds this afternoon/evening; the NE corner of the Castle Fire will see increased westerly winds in the afternoon/evening.

Divisions U, S, Z: any unsecured control lines could be breached especially near ridgetops. Unburned interior islands near control lines may result in torching and spotting. Indirect control lines could be compromised.

AIR OPERATIONS

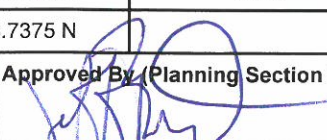
Air operations may be limited due to poor visibility caused by smoke.

Sunset: 20:16 Sunrise: 06:20

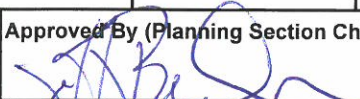
SAFETY

- Base all actions on current and expected behavior of the fire. Know what your fire is doing at all times.
- Identify escape routes and safety zones, and make them known.

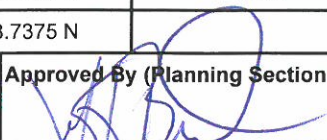
Division/Group Assignment List (ICS 204 WF)

1. Incident Name:			3.			
SOUTH COMPLEX			Branch:		Division/Group: M / U 1 OF 2	
2. Operational Period: NIGHT						
Date/Time From: 08/11/2015 1800 TUE		Date/Time To: 08/12/2015 0600 WED				
4. Operations Personnel						
OPERATIONS CHIEF		SCOTT LUCAS		DIVISION/GROUP SUPERVISOR		MARK JOHNSON
BRANCH DIRECTOR				AIR OPERATIONS BRANCH DIRECTOR		DENNIS KUSTER STACI DICKSON (T)
5. Resources Assigned this Period						
Strike Team / Task Force / Resource Designator		LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time
CREW - T2IA - SAN CARLOS 1 C-46		08/17	ROBERT JOHNSON	20	DP 60/1900	DP 60/0600
ENG S/T OES 1860A E-196		08/13	TIM O'HARA	22	DP 60/1900	DP 60/0600
ENGINE S/T 3250B E-127		08/13	RAY BARBER	17	DP 60/1900	DP 60/0600
ENGINE - T4 - GIST ENT. E-159		08/23	DONALD WOOD	3	DP 60/1900	DP 60/0600
ENGINE - T6 - HEATSEEKER 10 E-11		08/16	DEREK MESTROVICH	3	DP 60/1900	DP 60/0600
ENGINE - T6 - HEATSEEKER 11 E-10		08/16	DANIEL MEYER	3	DP 60/1900	DP 60/0600
ENGINE - T6 - SUNDANCE 4 E-5		08/16	MATTHEW BLESOE	3	DP 60/1900	DP 60/0600
ENGINE - T6 - IRON TRIANGLE 230 E-4		08/16	GUNTHER VOLKER	3	DP 60/1900	DP 60/0600
DOZER - T2 - WLOWB NORTH RIVERS 24HR E-209		08/18	CLINT NEWTON	1	DP 60/1900	DP 60/0600
DOZER - T2 - WLOWB THOMAS TRAPHAGAN 24HR E-86		08/17	BRIAN BIRD	1	DP 60/1900	DP 60/0600
WATER TENDER - T2 - DARRAH 24HR E-39		08/16	KEN HOVE	1	DP 60/1900	DP 60/0600
WATER TENDER - T2 - PRO-DUMP 24HR E-31		08/16	CARL NORTON	1	DP 60/1900	DP 60/0600
6. Control Operations/Work Assignments:						
<ul style="list-style-type: none"> Patrol and hold existing control lines. Provide point protection as needed. Continue to support firing operations on the 3N36 Road. 						
7. Special Instructions:						
<ul style="list-style-type: none"> Identify resources for IA. Resources need to utilize Water Use log sheet located in the IAP and turn into the Division at the end of the shift. 						
8. Division/Group Communication Summary						
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode
CMD NIFC C3	1	168.0750 N		170.4250 N	131.8	A
CMD NIFC C31	2	163.5750 N		169.7250 N	131.8	A
NIFC TAC 3	6	168.6000 N	131.8	168.6000 N	131.8	A
A/G CMD	10	168.7375 N		168.7375 N		A
9. Prepared By (Resource Unit Leader)			Approved By (Planning Section Chief)		Date	Time
DUANE MILLER					08/11/2015	1200

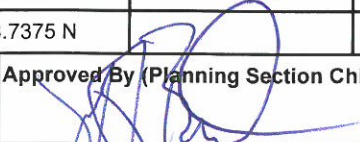
Division/Group Assignment List (ICS 204 WF)

1. Incident Name:			3.			
SOUTH COMPLEX			Branch:		Division/Group: M / U 2 OF 2	
2. Operational Period: NIGHT						
Date/Time From: 08/11/2015 1800 TUE		Date/Time To: 08/12/2015 0600 WED				
4. Operations Personnel						
OPERATIONS CHIEF		SCOTT LUCAS		DIVISION/GROUP SUPERVISOR		MARK JOHNSON
BRANCH DIRECTOR				AIR OPERATIONS BRANCH DIRECTOR		DENNIS KUSTER STACI DICKSON (T)
5. Resources Assigned this Period						
Strike Team / Task Force / Resource Designator		LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time
WATER TENDER - T2 - DARRAH 24HR E-37		08/16	RUSTY TRACY	1	DP 60/1900	DP 60/0600
WATER TENDER - T2 - DARRAH 24HR E-38		08/16	KICTH DARRAH	1	DP 60/1900	DP 60/0600
TFLD O-201		08/16	JASON BERRY	1	DP 60/1900	DP 60/0600
HEQB O-133		08/19	NEAL YOUNGBLOOD	1	DP 60/1900	DP 60/0600
HEQB O-132		08/19	EAMON ENGBER (T)	1	DP 60/1900	DP 60/0600
HEQB O-222		08/21	ERICK MATTSON	1	DP 60/1900	DP 60/0600
SOFR O-100		08/19	CHRIS O'BRIEN	1	DP 60/1900	DP 60/0600
FEMP O-226		08/23	ERIC BENEDEK	1	DP 60/1900	DP 60/0600
FEMT O-223		08/22	MATTHEW LANCASTER	1	DP 60/1900	DP 60/0600
6. Control Operations/Work Assignments:						
<ul style="list-style-type: none"> Patrol and hold existing control lines. Provide point protection as needed. Continue to support firing operations on the 3N36 Road. 						
7. Special Instructions:						
<ul style="list-style-type: none"> Identify resources for IA. Resources need to utilize Water Use log sheet located in the IAP and turn into the Division at the end of the shift. 						
8. Division/Group Communication Summary						
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode
CMD NIFC C3	1	168.0750 N		170.4250 N	131.8	A
CMD NIFC C31	2	163.5750 N		169.7250 N	131.8	A
NIFC TAC 3	6	168.6000 N	131.8	168.6000 N	131.8	A
A/G CMD	10	168.7375 N		168.7375 N		A
9. Prepared By (Resource Unit Leader)			Approved By (Planning Section Chief)		Date	Time
DUANE MILLER					08/11/2015	1200

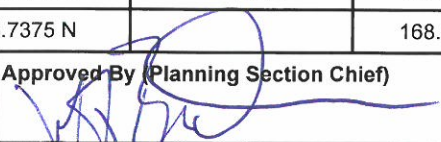
Division/Group Assignment List (ICS 204 WF)

1. Incident Name:			3.			
SOUTH COMPLEX			Branch:		Division/Group: O / Q	
2. Operational Period: NIGHT						
Date/Time From: 08/11/2015 1800 TUE		Date/Time To: 08/12/2015 0600 WED				
4. Operations Personnel						
OPERATIONS CHIEF		SCOTT LUCAS		DIVISION/GROUP SUPERVISOR		JOE GRIFFIN SAM DONAHUE (T)
BRANCH DIRECTOR				AIR OPERATIONS BRANCH DIRECTOR		DENNIS KUSTER STACI DICKSON (T)
5. Resources Assigned this Period						
Strike Team / Task Force / Resource Designator		LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time
ENG S/T OES 2803A E-197		08/12	KELLY BRADLEY	22	DP 66/1900	DP 66/0600
ENGINE - T4 - FIRESTORMERS 12 E-23		08/16	PAUL HUDDLESTUN	3	DP 66/1900	DP 66/0600
ENGINE - T4 - FIRESTORMERS 11 E-24		08/16	SCOTT EUGENE	3	DP 66/1900	DP 66/0600
ENGINE - T6 - METALWORKS 62 E-145		08/22	ALONZO BRINGS YELLOW	3	DP 66/1900	DP 66/0600
ENGINE - T6 - R&R FIRE 17 E-154		08/22	MIKE COX / D. ANDERSON (T)	3	DP 66/1900	DP 66/0600
WATER TENDER - T2 - WILLMORE 24HR - E-32		08/16	JOE MISHOE	1	DP 66/1900	DP 66/0600
WATER TENDER - T2 - BROWN 24HR - E-33		08/16	CHUCK HAPTONSTALL	1	DP 66/1900	DP 66/0600
TFLD 0-231		08/16	MAX TWOMBLY	1	DP 66/1900	DP 66/0600
SOFR O-210		08/23	DAVID RAY	1	DP 66/1900	DP 66/0600
FEMP		08/20	STAN BANGS	1	DP 66/1900	DP 66/0600
FEMT		08/20	MIKE PLANETA	1	DP 66/1900	DP 66/0600
6. Control Operations/Work Assignments:						
<ul style="list-style-type: none"> • Patrol and hold existing control lines. • Provide point protection as needed. • Monitor York and Mill fires. • Prepare the 47 Road for future firing operations. 						
7. Special Instructions:						
<ul style="list-style-type: none"> • Identify resources for IA. • Resources need to utilize the Water Use Log sheet located in the IAP and turn into the Division at the end of the shift. 						
8. Division/Group Communication Summary						
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode
CMD NIFC C3	1	168.0750 N		170.4250 N	131.8	A
CMD NIFC C31	2	163.5750 N		169.7250 N	131.8	A
NIFC TAC 1	4	168.0500 N	131.8	168.0500 N	131.8	A
A/G CMD	10	168.7375 N		168.7375 N		A
9. Prepared By (Resource Unit Leader)			Approved By (Planning Section Chief)		Date	Time
DUANE MILLER					08/11/2015	1200

Division/Group Assignment List (ICS 204 WF)

1. Incident Name:			3.			
SOUTH COMPLEX			Branch:		Division/Group: S / Z	
2. Operational Period: NIGHT						
Date/Time From: 08/11/2015 1800 TUE		Date/Time To: 08/12/2015 0600 WED				
4. Operations Personnel						
OPERATIONS CHIEF		SCOTT LUCAS		DIVISION/GROUP SUPERVISOR		STEVE RAYMER
BRANCH DIRECTOR				AIR OPERATIONS BRANCH DIRECTOR		DENNIS KUSTER STACI DICKSON (T)
5. Resources Assigned this Period						
Strike Team / Task Force / Resource Designator		LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time
ENGINE - T6 - EAGLE CAP 1 E-6		08/16	FRED BELL	3	DP 75/1900	DP 75/0600
ENGINE - T6 - EAGLE CAP 2 E-20		08/16	JAMES DITTRICK	3	DP 75/1900	DP 75/0600
DOZER - T2 - WLOWB HAT CREEK CONSTRUCT. 24HR - E-105		08/18	CURT EMERALD	2	DP 75/1900	DP 75/0600
DOZER - T2 - WLOWB HAYS EQUIP. 24HR E-170		08/24	CHARLIE CIGANOVICH	1	DP 75/1900	DP 75/0600
HEQB O-4		08/18	JEFF SPRITES	1	DP 75/1900	DP 75/0600
HEQB O-108		08/19	VICTOR MEMMOLI	1	DP 75/1900	DP 75/0600
SOFR O-127		08/20	BRUCE MILLER	1	DP 75/1900	DP 75/0600
FEMP		08/20	JILL HEMPELMAN	1	DP 75/1900	DP 75/0600
FEMT		08/20	SCOTT MAYER	1	DP 75/1900	DP 75/0600
6. Control Operations/Work Assignments:						
<ul style="list-style-type: none"> • Patrol and hold existing control lines. • Provide point protection to structures along Corral Bottom Road. • Prepare the 47 and 60 road systems for future firing operations. 						
7. Special Instructions:						
<ul style="list-style-type: none"> • Identify resources for IA. • Resources need to utilize Water Use log located in the IAP and turn into the Division at end of shift. 						
8. Division/Group Communication Summary						
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode
CMD NIFC C39	3	173.8750 N		163.6625 N	131.6	A
CMD NIFC C31	2	163.5750 N		169.7250 N	131.8	A
R5 TAC 4	7	166.5500 N	131.8	166.5500 N	131.8	A
A/G CMD	10	168.7375 N		168.7375 N		A
9. Prepared By (Resource Unit Leader)			Approved By (Planning Section Chief)		Date	Time
ROBERTA LIM					08/10/2015	1200

Division/Group Assignment List (ICS 204 WF)

1. Incident Name:			3.			
SOUTH COMPLEX			Branch:		Division/Group: RIVER STRUCTURE	
2. Operational Period: NIGHT						
Date/Time From: 08/11/2015 1800 TUE		Date/Time To: 08/12/2015 0600 WED				
4. Operations Personnel						
OPERATIONS CHIEF				BRANCH DIRECTOR		
DIVISION/GROUP SUPERVISOR				AIR ATTACK SUPERVISOR		
5. Resources Assigned this Period						
Strike Team / Task Force / Resource Designator		LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time
UNSTAFFED						
6. Control Operations/Work Assignments:						
7. Special Instructions:						
8. Division/Group Communication Summary						
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode
CMD NIFC C3	1	168.0750 N		170.4250 N	131.8	A
CMD NIFC C31	2	163.5750 N		169.7250 N	131.8	A
R5 TAC 5	8	167.1125 N	131.8	167.1125 N	131.8	A
A/G CMD	10	168.7375 N		168.7375 N		A
9. Prepared By (Resource Unit Leader)			Approved By (Planning Section Chief)		Date	Time
DUANE MILLER					08/11/2015	1200

Division/Group Assignment List (ICS 204 WF)

1. Incident Name:			3.			
SOUTH COMPLEX			Branch:	CONTINGENCY		
2. Operational Period: NIGHT						
Date/Time From:	Date/Time To:					
08/11/2015 1800 TUE	08/12/2015 0600 WED					
4. Operations Personnel						
OPERATIONS CHIEF	SCOTT LUCAS	BRANCH DIRECTOR				
DIVISION/GROUP SUPERVISOR	UNSTAFFED	AIR OPERATIONS BRANCH DIRECTOR		DENNIS KUSTER STACI DICKSON (T)		
5. Resources Assigned this Period						
Strike Team / Task Force / Resource Designator	LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time	
6. Control Operations/Work Assignments:						
7. Special Instructions:						
8. Division/Group Communication Summary						
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode
CMD NIFC C39	3	173.8750 N		163.6625 N	131.6	A
CMD NIFC C31	2	163.5750 N		169.7250 N	131.8	A
R5 TAC 6	9	168.2375 N	131.8	168.2375 N	131.8	A
A/G CMD	10	168.7375 N		168.7375 N		A
9. Prepared By (Resource Unit Leader)			Approved By (Planning Section Chief)		Date	Time
DUANE MILLER					08/11/2015	1200

INCIDENT RISK ANALYSIS

SOUTH COMPLEX CA-SHF-002108 (ICS 215A) Night

DIV	HAZARDOUS ACTIONS / CONDITIONS	MITIGATIONS / WARNINGS / REMEDIES	
ALL	DANGER TREES	<ul style="list-style-type: none"> Follow "Hazard Tree Safety" guidelines, IRPG pages 22. Post lookouts, or use a spotter in mop-up areas with personnel. Don't park vehicles or take breaks in high concentrations of hazard trees. Establish trigger points for disengagement during high wind events". 	
ALL	TRAFFIC & DRIVING	<ul style="list-style-type: none"> Practice "Defensive Driving" techniques. Use spotters when backing. Always use headlights. Use warning lights when working on roads or traveling in smoke. Observe posted speed limits. Use chock blocks, turn wheels into hill. Many roads are narrow and mid slope, use caution. 	
ALL	STRUCTURE PROTECTION	<ul style="list-style-type: none"> Review Structure Protection; IRPG pages 12-16. Do not commit to stay on a structure unless the area around the structure represents an adequate safety zone. Set trigger points to disengage and allow adequate time to relocate to primary and secondary safety zones. 	
ALL	STEEP TERRAIN & ROLLING DEBRIS	<ul style="list-style-type: none"> Maintain 8'-10' spacing when working & walking. Don't work above any personnel. Evaluate necessity to send personnel in areas with limited access. 	
ALL	ENVIRONMENTAL HAZARDS	<ul style="list-style-type: none"> Keep alert for wildlife, rattlesnakes, insects, and plants. Watch footing and hand placement around rocks. Personal hygiene is #1 when it comes to Poison Oak Prevention. 	
ALL	AIR OPERATIONS	<ul style="list-style-type: none"> Follow " Aviation Watch-Out Situations" on page 44, IRPG. Don't plan on air resources for medical transport or resupply. Refer to page 57, IRPG for directing bucket drops. Ensure positive communication with all air resources. 	
ALL	HEAT RELATED ILLNESS (HRI) & DEHYDRATION	<ul style="list-style-type: none"> Drink 2 to 1 water to sports drinks. Take Frequent breaks, minimum of 10 minutes every hour. Recognize symptoms of HEAT RELATED ILLNESS which include Lack of energy, Headaches, dizziness, lack of rest, no hunger, poor eating habits, hot skin, and lack of sweating 	
ALL	SPOT FIRES	<ul style="list-style-type: none"> Size up prior to engagement. Watch for multiple spots. Ensure LCES is in place. Maintain Situational Awareness at all times. 	
DIV M,O, S,U,Z	HEAVY EQUIPMENT OPERATIONS	<ul style="list-style-type: none"> Ensure communications are established with operators. Use hand signals if other communications are unavailable. Maintain a 50'-100' exclusion area around equipment. Use a spotter when backing. 	
DIV M,O, S U, Z	INDIRECT LINE CONSTRUCTION	<ul style="list-style-type: none"> Establish and maintain LCES. Locate line in favorable location, lighter fuels and gentler topography when possible. Utilize natural or existing barriers. If possible burn out or backfire as line construction progresses. 	
ALL	MARIJUANA PLANTATIONS	<ul style="list-style-type: none"> Maintain situational awareness. Watch for open areas and sign of improvements or irrigation systems. Be aware of evidence that cultivation has occurred in the area. If you stumble upon an area with probable cultivation be extremely cautious, exit on the same route you arrived and notify supervisor immediately. 	
DIV M,S,Z	HIGH VOLTAGE POWER LINES	<ul style="list-style-type: none"> Smoke can conduct electricity; stay 150' clear of lines / towers in heavy smoke. Do not operate heavy equipment under power lines. Do not park under power lines. Watch for fallen power lines, stay 200' away, notify your supervisor Follow power line safety guide in the IRPG page 24 	
INCIDENT NAME: South Complex ICS 215a		DATE PREPARED: <p style="text-align: center;">August 11, 2015</p> TIME PREPARED: 0900 HOURS	OPERATIONAL PERIOD Night Shift 08/11-12/15 1800-0600 Prepared by S. Davis

Lookouts
Communications
Escape Routes
Safety Zones

South Complex

Operation Period: 08/11-12/2015 Night Shift

SAFETY MESSAGE

FATIGUE EFFECTS AND MANAGEMENT

- Cumulative fatigue is a contributing factor in many accidents.
- Fatigue effects your mental processing, your ability to access your short and long term memory, as well as your physical performance.
- The effect of 24 hours without sleep is equivalent to being legally drunk.
- The only remedy to fatigue is quality sleep. Manage your off shift time to ensure you and your personnel get the rest needed.

MAJOR HAZARDS AND RISKS

STEEP TERRAIN FATIGUE SPOT FIRES	ROLLING MATERIAL DEHYDRATION POISON OAK	HEAVY EQUIPMENT HAZARD TREES MARIJUANA GROWS
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Be sure all elements of your safety plan are in place prior to engagement

Risk Management

- Keep risks commensurate with the benefit.
- Utilize the Risk Management Process found on page 1 of the IRPG.
- Recognize that no injury is worth the ground you are working.
- Everyone is entitled to a round trip ticket. Bring them home healthy.

Briefing Protocol

Brief your personnel using the IRPG checklist prior to engagement

Re-brief anytime your plan changes, unexpected changes compromise the plan or your safety, or anytime essential information becomes know and needs to be communicated

Ask questions to be sure essential content is understood

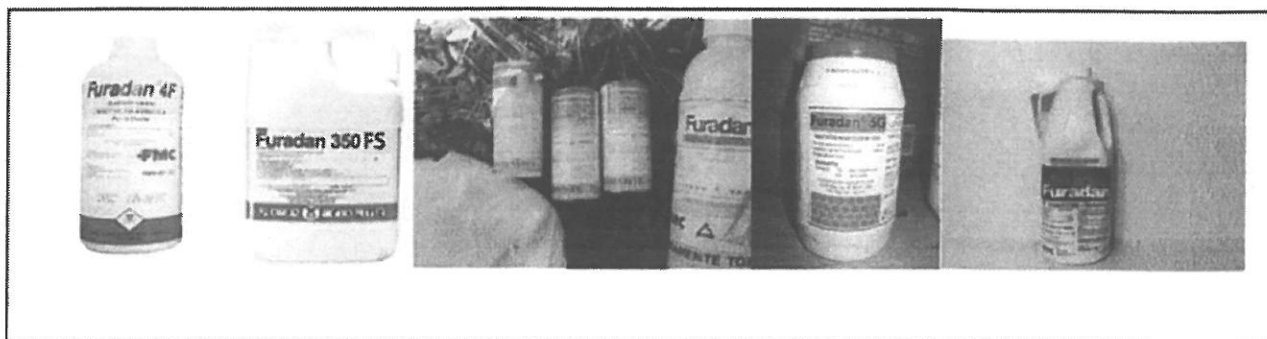


FURADAN IN MARIJUANA GROWS POSES OFFICER SAFETY RISK

On August 25, 2014 a multi-agency team conducted a marijuana enforcement operation at an illegal cultivation site located on National Forest land in Shasta County, California. Officers eradicating the marijuana plants noted that the bottom portions of the stalks were coated with a pink substance. A suspect arrested at the scene disclosed the plants had been treated with **carbofuran**, a pesticide known under the trade name **Furadan** (most common), and others. The suspect stated the pesticide was intended to kill squirrels, rabbits and deer that were eating the marijuana plants. After exposure, at least four officers complained of symptoms including headache, nausea, and a burning sensation in the extremities.


Formerly a U.S. registered pesticide, in March 2009 the U.S. Environmental Protection Agency (EPA) revoked all food tolerances for carbofuran, prohibiting its use on crops intended for human consumption. An eventual ban in the U.S. is anticipated. Carbofuran is highly toxic to vertebrates – a quarter teaspoon (1 ml) is potentially fatal to humans. A cholinesterase inhibitor (neurotoxin), carbofuran exposure can result from inhalation, ingestion, eye, or skin contact. The precautionary statement published by the manufacturer prior to the EPA food tolerance revocation states people handling Furadan should minimally wear long-sleeve shirts, long pants, chemical-resistant gloves, protective eyewear, and use a respirator with a canister approved for pesticides. Symptoms of poisoning include weakness, headache, nausea, vomiting, abdominal cramps, diarrhea, tight chest, blurred vision, constricted pupils, and abnormal saliva flow. Seek immediate medical attention if you are exposed to carbofuran and experience any symptoms.

In addition to using carbofuran to discourage herbivores from feeding on marijuana, illegal growers also add it to bait to kill bears, raccoons, and other animals they fear or consider pests. In July 2013, a rare Pacific fisher killed by a pesticide in the same family as carbofuran was discovered in a marijuana grow site in northern California. In Africa, farmers use carbofuran to illegally kill lions and other predators. Formerly available in the U.S. in pellet form, carbofuran is most commonly encountered as a concentrated pink liquid. Marijuana growers use plastic bottles or other containers to mix the concentrate with water. The solution is applied to marijuana plants by wiping or spraying.



MEDICAL PLAN	1. INCIDENT NAME South Complex	2. DATE PREPARED 08/11/15	3. TIME PREPARED 2000	4. OPERATIONAL PERIOD 08/11/15 1800 to 08/12/15 0600				
MEDICAL AID STATIONS		LOCATION			PARAMEDICS			
					YES	NO		
Medical Unit		ICP			XX			
Frontline Medical Unit		ICP			XX			
FEMP Benedek and FEMT Lancaster		Division "M/U":			XX			
FEMP Bangs and FEMT Planeta		Division "O/Q"			XX			
FEMP Hempleman and FEMT Meyer		Division "S/Z"			XX			
6. TRANSPORTATION								
A. AIR RESOURCES								
NAME		LOCATION		PHONE	PARAMEDICS			
					YES	NO		
REACH Air Ambulance		Redding, Ca.		530-226-2400	XX			
Mercy Air PHI		Redding, Ca.		530-226-2400	XX			
C.H.P				530-226-2400	XX			
Cal Fire				530-226-2400			XX	
Air National Guard		Redding, Ca.		530-226-2400			XX	
B. INCIDENT AMBULANCES								
NAME		LOCATION			PARAMEDICS			
					YES	NO		
American Medical Response		AMR 230 and AMR 280 Base Camp			XX			
Trinity County Ambulance		Hayfork, Ca.			XX			
7. HOSPITALS								
NAME	ADDRESS	TRAVEL TIME		PHONE	HELIPAD		BURN CENTER	
		AIR	GRND		YES	NO	YES	NO
Trinity Hospital	60 Easter Ave. Weaverville, Ca.	15 Min	1 Hour 45 Min.	530-623-5541 EXT 1	XX			XX
Shasta Regional Medical Center Level 3 Trauma Center	1100 Butte Redding, Ca.	35 Min	2.5 Hours	530-244-535	XX			XX
Mercy Medical Center Level 2 Trauma Center	2175 Rosaline Ave. Redding, Ca.	35 Min	2.5 Hours	530-225-7201	XX			XX
U.C. Davis Medical Center Level 1 Trauma Center	2315 Stockton Blvd. Sacramento, Ca	1 Hour	6 Hours	916-734-3790 ER 916-734-3636	XX			XX
8. MEDICAL EMERGENCY PROCEDURES								
IN-CAMP CARE				LINE EMERGENCIES				
<ul style="list-style-type: none"> Minor Injuries or illnesses <ul style="list-style-type: none"> Seek Aid directly at the Frontline Medical Unit, report all injuries or illnesses to supervisor Unit Open 0600 hrs to 2200 hrs Moderate to Severe Injuries or Illnesses <ul style="list-style-type: none"> Contact Communications directly Med Unit staffed after hours for Emergencies 				<ul style="list-style-type: none"> Start of shift: notify your Div Sup of EMT's/Paramedic's and Medical gear carried by crew Crew Supervisor contacts Division with Nature of Emergency. Division Supervisor contact's Communications and declare a medical emergency on command Closest DIVS or designee responds to incident <ul style="list-style-type: none"> Closest SOFR/EMT's respond to assist w/care Use attached Injury or Incident Comm. Protocol If ambulance (ground or air) delayed designate rendezvous site and move towards it Secure scene for investigation—keep a log 				
ICS 206 8-78	9. PREPARED BY (MEDICAL UNIT LEADER) Patrick Young MEDL 8/11/2015			10. REVIEWED BY (SAFETY OFFICER) Steve Davis SOF-2 8/11/2015				

INCIDENT RADIO COMMUNICATIONS PLAN (ICS 205)

1. Incident Name:		2. Date/Time Prepared:		3. Operational Period:						
SOUTH COMPLEX		Date: 08/11/2015 Time: 1111	Date/Time From: 08/11/2015 1800	TUE	Date/Time To: 08/12/2015 0600 WED					
4. Basic Radio Channel Use:										
Zone Group	Ch #	Function	Channel Name/Trunked Radio System Talkgroup	Assignment	RX Freq	RX Tone/NAC	TX Freq	TX Tone/NAC	Mode (A, D, or M)	Remarks
15	1	CMD NIFC C3	NIFC C3	CMD	168.0750 N		170.4250 N	131.8	A	TONE 3 (131.8) LIMEDYKE MTN LINK TO C31, C39
15	2	CMD NIFC C31	NIFC C 31	CMD ALT	163.5750 N		169.7250 N	131.8	A	TONE 3 (131.8) IRONSIDE MTN LINK TO C3, C39
15	3	CMD NIFC C39	NIFC C39	CMD ALT	173.8750 N		163.6625 N	131.6	A	HAYFORK BALLY L.O. LINK TO C3,C31.
15	4	NIFC TAC 1	NIFC TAC 1	DIV O / Q	168.0500 N	131.8	168.0500 N	131.8	A	TONE 3 (131.8)
15	5	NIFC TAC 2	NIFC TAC 2	I / A	168.2000 N		168.2000 N		A	
15	6	NIFC TAC 3	NIFC TAC 3	DIV'S M / U	168.6000 N	131.8	168.6000 N	131.8	A	TONE 3 (131.8)
15	7	R5 TAC 4	R5 TAC 4	DIV S / Z	166.5500 N	131.8	166.5500 N	131.8	A	TONE 3 (131.8)
15	8	R5 TAC 5	R5 TAC 5	STRUCTURE GRP	167.1125 N	131.8	167.1125 N	131.8	A	TONE 3 (131.8)
15	9	R5 TAC 6	R5 TAC 6	CONT GRP	168.2375 N	131.8	168.2375 N	131.8	A	TONE 3 (131.8)
15	10	A/G CMD	A / G CMD	ALL DIVS	168.7375 N		168.7375 N		A	A / G CMD FOR ALL DIVS
15	11	A/G TAC	A / G TAC	ALL DIVS	167.5750 N		167.5750 N		A	A / G TAC FOR ALL DIVS
15	12	VTAC 11	VTAC 11	JOHNSON FIRE	151.1375 N		151.1375 N	156.7	A	TONE 156.7 (TONE 6) SHARED FREQ WITH ROUTE COMPLEX
15	14	CMD SHF TN12	SHF RPT TN12	ALT CMD	171.5750 N		169.1000 N	127.3	A	TONE 12 (127.3) LOCAL FOREST NET
15	15	CALCORD	CALCORD	ALL DIVS MED	156.0750 N	156.7	156.0750 N	156.7	A	TONE 6(156.7) MEDICAL ALL DIVS
15	16	AIR GUARD	AIR GUARD	EMERGENCY	168.6250 N		168.6250 N	110.9	A	TONE 1 (110.9) EMERGENCY
5. Special Instructions:										
6. Prepared By: (Communications Unit Leader)										
Name: DON STONER				Signature: 						
IAP Page				Date/Time: 08/11/2015 1111						

- 1. Check-in, Demob, Documentation
- 2. Training Specialist, safety
- 3. Equip Time, Comp Claims
- 4. Person, Time, Cost
- 5. Clerical
- 6. GIS
- 7. Frontline Med.
- 8. Communications
- 9. READ
- 10. PSC, IMET FBAN RES, SIT, OPS, A-Ops
- 11. Satellite
- 12. COMMO/MED
- 13. Plans
- 14. Info
- 15. FACIL, FOOD
- 16. IC
- 17. Meeting Tent
- 18. Logs, ordering



(ICP not to scale)

NORCAL 2

INCIDENT MANAGEMENT TEAM

WATER USAGE LOG

DATE: _____

Division / Group: _____

AGENCY ID / VENDOR: _____

I.e., Strike Team 1110C, Acme Water Tenders

REQUEST # _____

WATER SOURCE LOCATION	Hydrant	Open source i.e. pond	Tank	Gallons Used	Property Owner / Contact Number if known **

****Please note if you made contact with property owner and their contact.
(Use reverse side if needed.)**

Information: _____

The intent of this document is intended to track, record and validated the amount of water used on an incident. It's not intended to review the performance of equipment using the water on an incident.



OES & Local Government Engine CREW Rotations

- Must have prior approval through the AREP and IC.
- Must be requested 48 hours in advance.
- Utilize the “Resource Rotation General Message Form” (Special ICS 213):



AREP - Chief Ken Hood

RESOURCE ROTATION GENERAL MESSAGE

TO:		POSITION:	
FROM:	CONTACT#	POSITION:	
SUBJECT: Local Government/OES Personnel Rotation		DATE:	TIME:
Agency:	Original Request #		
Engine #	S/T ID:		

MESSAGE:

Incoming

MOB ETD:

MOB ETA:

Outgoing

DEMOB ETD:

DEMOB ETA:

VEHICLE USED FOR ROTATION:

Agency Name:

License #

Vehicle Type: Check One: SUV [], Pick Up [] Van Passenger [], Automobile []

IC or MOB CENTER MANAGER.

Approved

Print

Signature

*** EXPANDED DISPATCH USE ONLY ***

Generated Subordinate E#:

Ordered: _____

Released: _____

Email / Deliver Completed Resource Order to OES AREP: Ken.Hood@caloes.ca.gov

EXPANDED INSTRUCTIONS:

Using the Original Resource request number (listed above) - Create a Subordinate Request for the vehicle type being used for the crew rotation (identified above).

The Subordinate Request will be Filled With Agreement by Expanded using the "Incoming MOB ETD/ETA" dates and times listed above.

Expanded will email the subordinate request Resource Order to the OES AREP listed above.

Expanded will release the subordinate request using the "Outgoing DEMOB ETD/ETA" date and times listed above.

MEDICAL INCIDENT REPORT

FOR ALL MEDICAL EMERGENCIES: IDENTIFY ON SCENE INCIDENT COMMANDER BY NAME AND POSITION AND ANNOUNCE "MEDICAL EMERGENCY" TO INITIATE RESPONSE FROM IMT COMMUNICATIONS/DISPATCH.

Use items one through nine to communicate situation to communications/dispatch.

1. CONTACT COMMUNICATIONS/DISPATCH

Ex: "Communications, Div. Alpha. Stand-by for Priority Medical Incident Report." (If life threatening request designated frequency be cleared for emergency traffic.)

2. INCIDENT STATUS: Provide incident summary and command structure.

Nature of Injury/Illness		<i>Describe the injury (Ex: Broken leg with bleeding)</i>
Incident Name		<i>Geographic Name + "Medical" (Ex: Trout Meadow Medical)</i>
Incident Commander		<i>Name of IC</i>
Patient Care		<i>Name of Care Provider (Ex: EMT Smith)</i>

3. INITIAL PATIENT ASSESSMENT: Complete this section for each patient. This is only a brief, initial assessment. Provide additional patient info after completing this 9 Line Report.

Number of Patients:	Male / Female	Age:.	Weight:.
Conscious? <input type="checkbox"/> YES <input type="checkbox"/> NO = MEDEVAC!			
Breathing? <input type="checkbox"/> YES <input type="checkbox"/> NO = MEDEVAC!			
Mechanism of Injury: <i>What caused the injury?</i>			
Lat/Long (Datum WGS84) <i>Ex: N 40° 42.45' x W 123° 03.24'</i>			

4. SEVERITY OF EMERGENCY, TRANSPORT PRIORITY

SEVERITY	TRANSPORT PRIORITY
<input type="checkbox"/> URGENT-RED Life threatening injury or illness. <i>Ex: Unconscious, difficulty breathing, bleeding severely, 2° – 3° burns more than 4 palm sizes, heat stroke, disoriented.</i>	Ambulance or MEDEVAC helicopter. Evacuation need is IMMEDIATE.
<input type="checkbox"/> PRIORITY-YELLOW Serious Injury or illness. <i>Ex: Significant trauma, not able to walk, 2° – 3° burns not more than 1-2 palm sizes.</i>	Ambulance or consider air transport if at remote location. Evacuation may be DELAYED.
<input type="checkbox"/> ROUTINE-GREEN Not a life threatening injury or illness. <i>Ex: Sprains, strains, minor heat-related illness.</i>	Non-Emergency. Evacuation considered Routine of Convenience.

5. TRANSPORT PLAN:

Air Transport: (Agency Aircraft Preferred)

<input type="checkbox"/> Helispot	<input type="checkbox"/> Short-haul/Hoist	<input type="checkbox"/> Life Flight	<input type="checkbox"/> Other
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Ground Transport:

<input type="checkbox"/> Self-Extract	<input type="checkbox"/> Carry-Out	<input type="checkbox"/> Ambulance	<input type="checkbox"/> Other
---------------------------------------	------------------------------------	------------------------------------	--------------------------------

6. ADDITIONAL RESOURCE/EQUIPMENT NEEDS:

<input type="checkbox"/> Paramedic/EMT(s)	<input type="checkbox"/> Crew(s)	<input type="checkbox"/> SKED/Backboard/C-Collar
<input type="checkbox"/> Burn Sheet(s)	<input type="checkbox"/> Oxygen	<input type="checkbox"/> Trauma Bag
<input type="checkbox"/> Medication(s)	<input type="checkbox"/> IV/Fluid(s)	<input type="checkbox"/> Cardiac Monitor/AED
<input type="checkbox"/> Other (i.e. splints, rope rescue, wheeled litter)		

8. EVACUATION LOCATION:

Lat/Long (Datum WGS84) <i>EX: N 40 42.45' x W 123 03.24'</i>	
Patient's ETA to Evacuation Location:	
Helispot/Extraction Size and Hazards:	

9. CONTINGENCY: