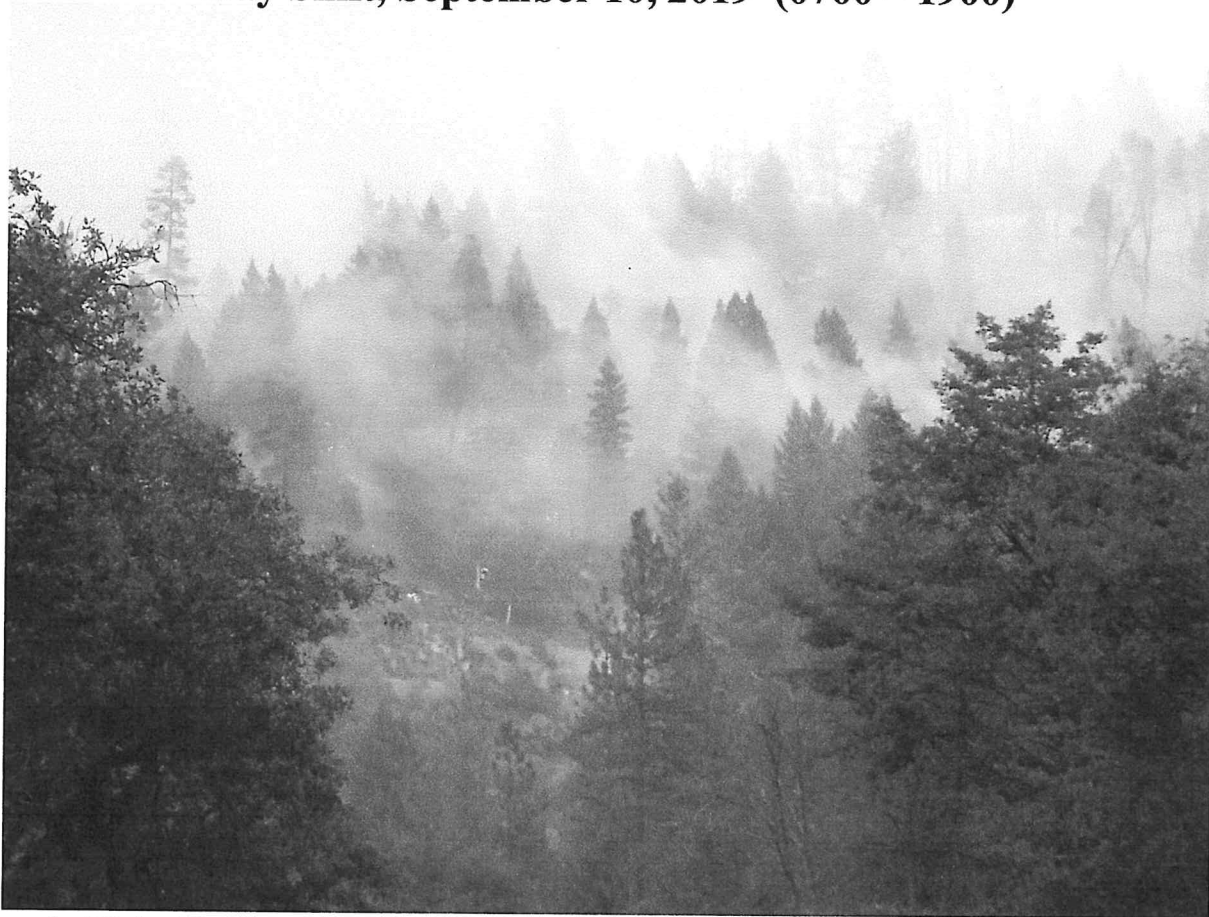


SOUTH FIRE

Incident Action Plan

Day Shift, September 10, 2019 (0700 – 1900)



✓ **This five step process provides firefighters with a simple, universal and consistent way to practice risk management**

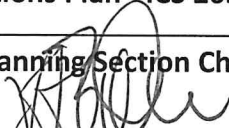

- **Establish situation awareness**
- **Identify hazard and assess the risk**
- **Control or eliminate hazards**
- **Make decisions based on acceptability of remaining risk**
- **Evaluate the effectiveness of hazard controls and continuously re-evaluate the situation**

The first step to an accident involves the false belief that experience makes you invulnerable.



**KEEP A HIGH LEVEL OF
SITUATIONAL AWARENESS**
CA-SHF-001209 P5MRD419 (0514)
Shasta-Trinity National Forest, Harrison Gulch RD



INCIDENT OBJECTIVES	1. Incident Name South	2. Date 09/09/2019	3. Time 1900
4. Operational Period September 10, 2019 DAY SHIFT			
<p><u>CONTROL OBJECTIVES</u></p> <ol style="list-style-type: none"> 1) Keep fire North of Ball Rock Road. 2) Keep fire West of Maple Creek to prevent fire spread into the state DPA. 3) Keep fire South of Maple Creek and Sheep Ridge to protect private structures in Sheep Camp. 4) Keep fire East of Long Ridge and South Fork of Cottonwood Creek to minimize wilderness impacts. <p><u>MANAGEMENT OBJECTIVES</u></p> <ol style="list-style-type: none"> 1) Provide for firefighter and public safety. 2) Implement strategies and tactics that commit responders to operations where and when they can be successful, and recognizing when tactics are unnecessary and/or increase exposure to fire responders and pilots. 3) Maintain a safe and positive working environment. 4) Protect private and Forest Service infrastructure and cultural and natural resources. 5) Limit long term impacts from suppression actions. 			
6. Weather Forecast for Period <ul style="list-style-type: none"> • See attached weather forecast. 			
7. General Safety Message <ul style="list-style-type: none"> • See attached safety messages. 			
8. Attachments (mark if attached)			
<input checked="" type="checkbox"/> Organization List - ICS 203	<input checked="" type="checkbox"/> Medical Plan - ICS 206	<input checked="" type="checkbox"/> Weather	
<input checked="" type="checkbox"/> Div. Assignment Lists - ICS 204	<input checked="" type="checkbox"/> Incident Map	<input checked="" type="checkbox"/> ICS215a	
<input checked="" type="checkbox"/> Communications Plan - ICS 205	<input checked="" type="checkbox"/> ICS 220	<input type="checkbox"/> Rehab Considerations	
9. Prepared by (Planning Section Chief) Jeffrey Buscher 		10. Approved by (Incident Commander) Dustan Mueller 	

ORGANIZATION ASSIGNMENT LIST	
1. Incident Name	
South	
2. Date	3. Time
September 9, 2019	2000
4. Operational Period	
Day Shift, September 10, 2019	
Position	Name
5. Incident Commander and Staff	
Incident Commander	Dustan Mueller
Deputy	
Safety Officer	Michele Tanzi, Jeff Barnhart
Information Officer	Barbara Rebiskie, Daniel Ramey (t)
Liaison Officer	Kent Swartzlander
6. Agency Representative	
Agency Administrator	Tom Hall
Lead READ	Jessica Hagglund
BLM ARGP	Jeremy Strait
Crane Mills Rep	Frank Barron
Tehama S.O. Rep	Andy Houghtby
CCC AREP	Chad Harris
7. Planning Section	
Chief	Jeff Buscher, Paul Zerr (t)
Resources Unit	Krystle Gleason, Marisa Williams (t)
Situation Unit	Tad Morelock, Peter Martens (t)
Demobilization Unit	Gary Deboi
Training	
ITSS	George Steel, Jim Gonzalez (t)
GISS	Matt Dickinson, Kent Bloomer
FBAN	
IMET	Jim Dudley
LTAN	Eric Kronner
SCKN	Veronica Garza
8. Logistics Section	
Chief	Richard Crowther
Supply Unit	Josh Ramey
Facilities Unit	Jeff Huhtala, Frank delCarlo
Ground Support Unit	

Equipment Manager	Mark Vardanega, Nick Lee
Communications Unit	Richard Stone
Medical Unit	Josh Ramey
Receiving & Distribution	Fred Johnson
Food Unit	Jay Westlake
Security Manager	
9. Operations Section	
Operations - Day	Alec Lane, Robert Rice (t)
Operations - Night	
Planning Ops	Mike Minton, Troy Mueller (t)
a. Division/Groups	
DAY	
Division/Group QQ	Billy Covert
Division/Group RR	Pete English, Manual Ortiz (t)
Division/Group WW	Robert Hickok
Division/Group XX	Adrian Villegas
Contingency	Drew Brown
Division/Group	
Division/Group	
Division/Group	
Division/Group	
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Division/Group	
Division/Group	
Division/Group	
Division/Group	
c. Air Operations Branch	
Air Operations Branch Director	Kerry Koskela
Air Support Supervisor	
10. Finance Section	
Chief	Lois Charlton
Time Unit	
Equipment Time Recorder	
Procurement	
Personnel Time Recorder	Holly Cardoza, Ken Primrose
Prepared by (Resource Unit Leader) Gary R. Deboi	



INCIDENT Weather Forecast



FORECAST NO: 2

NAME OF FIRE: South

PREDICTION FOR: Day Shift

UNIT: Shasta Trinity National Forest

SHIFT DATE: 09/10/19

SIGNED: *James B. Dudley*

TIME AND DATE

Incident Meteorologist

FORECAST ISSUED: 1900 on 09/09/19

WEATHER DISCUSSION: A trough of low pressure will move across the fire area on Tuesday. Enough moisture is available for cumulus build ups and a slight chance of sprinkles or showers. Little if any precipitation is expected. On Wednesday, high pressure will begin to build over the region with a warming and drying trend. Winds will remain breezy to locally gusty through Tuesday night then lighter winds will prevail for the remainder of the week.

. TUESDAY . . .

Sky/weather.....Partly Cloudy with a 20 percent chance of sprinkles or light showers after 1100.
CWR.....0 percent.
LAL.....1.
Max temperature.....62-65 at 5000 feet and 70-73 at 2500 feet (including Branch X).
Min humidity.....50-55 percent at 5000 feet and 45-50 percent at 2500 feet.
Wind (20 ft).....Upslope/Upcanyon 2-5 mph through 1100 then becoming northwest to north 7-12 mph with gusts to 16 mph.
Mixing height.....Increasing to around 9500 ft AGL.
Transport winds.....Northwest around 15 mph.

. TUESDAY NIGHT . . .

Sky/weather.....Mostly clear.
CWR.....0 percent.
LAL.....1.
Min temperature.....47-50 at 5000 feet and 51-54 at 2500 feet (including Branch X).
Max humidity.....70-75 percent at 5000 feet and 60-65 percent at 2500 feet.
Wind (20 ft).....West to northwest 10-15 mph with gusts to 20 mph through 2300 then becoming north to northeast.
Mixing height.....Decreasing to around 200 ft AGL.
Transport winds.....Northeast around 7 mph.

. WEDNESDAY . . .

Sky/weather.....Mostly sunny and warmer.
CWR.....0 percent.
LAL.....1.
Max temperature.....69-72 at 5000 feet and 77-79 at 2500 feet (including Branch X).
Min humidity.....33-37 percent at 5000 feet and 27-32 percent at 2500 feet.
Wind (20 ft).....Northeast 3-6 mph.
Mixing height.....Increasing to around 8500 ft AGL.
Transport winds.....North around 10 mph.

FIRE BEHAVIOR FORECAST

FORECAST NUMBER: 3	TYPE OF FIRE: Wildland Fire
FIRE NAME: South	OPERATIONAL PERIOD: 24hr 9/10 (0700-0700)
DATE ISSUED: 09/09	TIME ISSUED: 1700
UNIT: SHF	SIGNED: //Troy Velin//

INPUTS

WEATHER SUMMARY

See Weather Forecast in IAP.

OUTPUTS

FIRE BEHAVIOR:

Moderated fire behavior continues today. Backing and flanking fire is the primary condition for growth on this fire. Occasional up slope runs when fuels are aligned with slope or wind will continue.

Fire Behavior for Optimal Alignment
Receptive Fuels

Fuel Type	ROS Head Fire	Flame Length (Ft)
Brush	1.5 – 2 mi/hr or 120-160 ch/hr	25'-30'
Timber Understory	.1- .25 mi/hr or 5-6 ch/hr	4'-6'

GENERAL:

Primary carriers of the fire consist of Chamise, Manzanita, Buckbrush and Timber understory. Fuel moistures are at or near seasonal averages. The fuels in the fire area last burned in 2008.

On the South side of the South Fork of Cottonwood Creek on North facing aspects primary fuels consist of timber litter.

The South Fork of Cottonwood creek is a major drainage system and will amplify WNW winds.

SPECIFIC:

Branch XV

QQ – Fire is backing down into the creek drainage in Section 13. Dislodged burning material has potential to ignite fuels below resulting in short uphill runs back towards the main fire.

RR – Fire is backing with minimal ROS. Multiple trails and roads will check fire spread.

XX – Broken fuel continuity along Nuisance ridge will keep spread limited.

WW – Minimal fire activity in this Division and it is sheltered from most of the WNW winds.

Branch X

The fire is burning in the Elkhorn creek drainage. Primary spread has been on the West side of Elkhorn creek towards and along the ridgetop through understory burning and flanking fire. The drainage is steep, expect rollout resulting in short uphill runs. WNW winds and sun angle in the late afternoon will increase fire activity. If the fire crosses east of Elkhorn creek the brush is more predominant and the aspect will be in full sun. Uphill runs here will move quickly and produce spots on the eastside of Elk horn peak.

AIR OPERATIONS:

Clear except areas of smoke. No inversion expected.

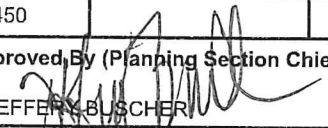
SAFETY

Post lookouts to monitor for rollout and slope reversals.

Account for steep and broken terrain when considering escape routes and safety zones.

Fuels can react quickly to shade from smoke or clouds, if conditions change overhead they will also change on the ground.

Division/Group Assignment List (ICS 204 WF)
Controlled Unclassified Information//Basic

1. Incident Name:			3.			
SOUTH FIRE			Branch:		Division/Group:	
2. Operational Period: DAY					QQ	
Date/Time From: 09/10/2019 0700 TUE	Date/Time To: 09/10/2019 1900 TUE					
4. Operations Personnel						
OPERATIONS CHIEF		ALEC LANE ROBERT RICE (T)		DIVISION/GROUP SUPERVISOR		BILLY COVERT
PLANNING OPS		MICHAEL MINTON		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
WFM WARM SPRINGS (O-16)		09/21	ROBERT SJOLUND	10	SPIKE/0700	SPIKE/1900
EMPF TRUBIN (O-48)		09/22	VLADIMIR TRUBIN	1	SPIKE/0700	SPIKE/1900
EMTF BENNETT-SNOW (O-31)		09/22	BENNETT-SNOW	1	SPIKE/0700	SPIKE/1900
SOF2 MORLOCK (O-27)		09/22	JOHN MORLOCK	1	SPIKE/0700	SPIKE/1900
6. Control Operations/Work Assignments:						
Scout for opportunities to keep fire north of Cottonwood Creek. Use trail systems in Wilderness Area as needed for Containment lines.						
7. Special Instructions:						
MOUNT SHASTA AMBULANCE (MEDIC 75) @ DP 110 UNLESS DIRECTED OTHERWISE.						
8. Division/Group Communication Summary						
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode
COMMAND	1 (CMD 1)	170.4500		168.1000	T-9 (100.0)	A
COMMAND	2 (CMD 2)	169.5375		164.7125	T-9 (100.0)	A
TACTICAL	4 (TAC 3)	168.6000		168.6000	T-9 (100.0)	A
AIR TO GROUND	13 (CDF A/G)	159.3450		159.3450	T-16 (192.8)	A
9. Prepared By (Resource Unit Leader)			Approved By (Planning Section Chief)		Date	Time
KRYSTLE GLEASON/MARISA WILLIAMS (T)			JEFFERY BUSCHER 		09/09/2019	2100

Division/Group Assignment List (ICS 204 WF)
Controlled Unclassified Information//Basic

1. Incident Name:			3.			
SOUTH FIRE			Branch:		Division/Group:	
2. Operational Period: DAY					RR	
Date/Time From: 09/10/2019 0700 TUE		Date/Time To: 09/10/2019 1900 TUE				
4. Operations Personnel						
OPERATIONS CHIEF		ALEC LANE ROBERT RICE (T)		DIVISION/GROUP SUPERVISOR		PETE ENGLISH MANUEL ORTIZ (T)
PLANNING OPS		MIKE MINTON		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
HC1 TRINITY IHC (C-17)		09/23	RICHARD REPOSA	19	ICP/0700	ICP/1900
HC2I OHIO STATE CREW (C-7)		09/23	RON CARTER	20	ICP/0700	ICP/1900
HC2I NOREAST INTERAGENCY 1 (C-6)		09/22	JOHN JANELLE	20	ICP/0700	ICP/1900
HC2 BIRRUETA REFORESTATION (C-9)		09/21	ANTONIO BIRRUETA	20	ICP/0700	ICP/1900
HC2 BIRRUETA REFORESTATION (C-10)		09/21	JOSE IBARRA	20	ICP/0700	ICP/1900
ENG3 HOOPA 9532 (E-1)		09/19	ROCKY COLEGROVE	4	ICP/0700	ICP/1900
ENG6 BELLA 452 (E-6)		09/19	LIEF LARSON	3	ICP/0700	ICP/1900
ENG6 VOLCANO 1 (E-7)		09/19	JOHN WICKSTROM	3	ICP/0700	ICP/1900
ENG6 MT ADAMS 624 (E-8)		09/19	CHUCK NEWBERRY	3	ICP/0700	ICP/1900
WTT2 TRI-STATE FIRE 74 (E-36)		09/23	FRANCESCO MOORE	2	ICP/0700	ICP/1900
WTS2 T AND S DVBE 1 (E-12)		09/21	CASEY FRESHOUR	1	ICP/0700	ICP/1900
WTS2 T AND S DVBE 2 (E-13)		09/21	MICHAEL GRAVES	1	ICP/0700	ICP/1900
WTS2 HODGETTS (E-14)		09/21	MARK HODGETTS	1	ICP/0700	ICP/1900
WTS3 DIETZ EQUIPMENT (E-22)		09/21	WAYNE CONNER	1	ICP/0700	ICP/1900
FELB SMITH (O-40)		09/23	PAUL SMITH	1	ICP/0700	ICP/1900
FMOD AMERICAN TIMBER AND FIRE (O-69)		09/21	JOE SULLIVAN /RAYMOND SCHLATTER	2	ICP/0700	ICP/1900
FMOD NORTH ZONE FALLERS MOD 13 (O-70)		09/21	LUKE HELFINSTINE/DUSTAN WELLS	2	ICP/0700	ICP/1900
TFLD DONNELLY (O-19)		09/21	MATT DONNELLY	1	ICP/0700	ICP/1900
TFLD CHARTIER (O-21)		09/22	CODY CHARTIER	1	ICP/0700	ICP/1900
8. Division/Group Communication Summary						
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode
COMMAND	1 (CMD 1)	170.4500		168.1000	T-9 (100.0)	A
COMMAND	2 (CMD 2)	169.5375		164.7125	T-9 (100.0)	A
TACTICAL	5 (TAC 4)	166.7250		166.7250	T-9 (100.0)	A
AIR TO GROUND	13 (CDF AG)	159.3450		159.3450	T-16 (192.8)	A
9. Prepared By (Resource Unit Leader)		Approved By (Planning Section Chief)		Date	Time	
KRYSTLEGLEASON/MARISA WILLIAMS (T)		JEFFERY BUSCHER		09/09/2019	2100	

Division/Group Assignment List (ICS 204 WF)
Controlled Unclassified Information//Basic

1. Incident Name:		3.				
SOUTH FIRE		Branch:		Division/Group:		
2. Operational Period: DAY				RR		
Date/Time From: 09/10/2019 0700 TUE	Date/Time To: 09/10/2019 1900 TUE					
4. Operations Personnel						
OPERATIONS CHIEF	ALEC LANE ROBERT RICE (T)	DIVISION/GROUP SUPERVISOR		PETE ENGLISH MANUEL ORTIZ (T)		
PLANNING OPS	MIKE MINTON	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	
READ GRAVES (O-63)	09/22	KENNETH GRAVES	1	ICP/0700	ICP/1900	
REAF HAGLUND (O-65)	09/21	JESSICA HAGLUND	1	ICP/0700	ICP/1900	
EMPF LARKIN (O-47)	09/22	MIKE LARKIN	1	ICP/0700	ICP/1900	
EMTF BRODBECK (O-29)	09/21	MIKE BRODBECK	1	ICP/0700	ICP/1900	
SOFR BARNHART (O-37.25)	09/21	JEFFREY BARNHART	1	ICP/0700	ICP/1900	
SOFR KNIPE (O-28)	09/22	MARTY KNIPE	1	ICP/0700	ICP/1900	
6. Control Operations/Work Assignments:						
Scout trail systems and identify prep needs. Prep Tomhead Lookout area and improve Buck Camp. Look for areas to go direct.						
7. Special Instructions:						
Utilize mist tactics in Wilderness area.						
MOUNT SHASTA AMBULANCE (MEDIC 75) @ DP 110 UNLESS DIRECTED OTHERWISE.						
8. Division/Group Communication Summary						
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode
COMMAND	1 (CMD 1)	170.4500		168.1000	T-9 (100.0)	A
COMMAND	2 (CMD 2)	169.5375		164.7125	T-9 (100.0)	A
TACTICAL	5 (TAC 4)	166.7250		166.7250	T-9 (100.0)	A
AIR TO GROUND	13 (CDF AG)	159.3450		159.3450	T-16 (192.8)	A
9. Prepared By (Resource Unit Leader)		Approved By (Planning Section Chief)		Date	Time	
KRYSTLEGEASON/MARISA WILLIAMS (T)		JEFFREY BUSCHER		09/09/2019	2100	

Division/Group Assignment List (ICS 204 WF)
Controlled Unclassified Information//Basic

1. Incident Name:		3.				
SOUTH FIRE		Branch:		Division/Group:		
2. Operational Period: DAY		WW				
Date/Time From: 09/10/2019 0700 TUE	Date/Time To: 09/10/2019 1900 TUE					
4. Operations Personnel						
OPERATIONS CHIEF	ALEC LANE ROBERT RICE (T)	DIVISION/GROUP SUPERVISOR			ROBERT HICKOK	
PLANNING OPS	MIKE MINTON	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	
HC1 IDAHO PANHANDLE IHC (C-1)	09/22	CHRIS SMITH	21	ICP/0700	ICP/1900	
HC1 WYOMING IHC (C-2)	09/23	MATT PRENTISS	20	ICP/0700	ICP/1900	
DOZ2 HENTHORN EQUIPMENT (E-60)	09/24	JEFFEREY HENTHORN	2	ICP/0700	ICP/1900	
READ ANDERSON (O-62)	09/19	GALEN ANDERSON	1	ICP/0700	ICP/1900	
FOBS BRANDON OBERHARD O-43	09/22	BRANDON OBERHARD	1	ICP/0700	ICP/1900	
FOBS CANN O-44	09/22	BRUCE CANN	1	ICP/0700	ICP/1900	
EMPF ZUNIGA (O-49)	09/22	DANIEL ZUNIGA	1	ICP/0700	ICP/1900	
EMTF HAMER (O-30)	09/21	BRYAN HAMER	1	ICP/0700	ICP/1900	
SOF2 BARNHART (O-37.25)	09/21	JEFFREY BARNHART	1	ICP/0700	ICP/1900	
6. Control Operations/Work Assignments:						
Look for areas to go direct with handline construction and cold trailing. Continue to open roads for better access.						
7. Special Instructions:						
MOUNT SHASTA AMBULANCE (MEDIC 75) @ DP 110 UNLESS DIRECTED OTHERWISE.						
8. Division/Group Communication Summary						
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode
COMMAND	1 (CMD 1)	170.4500		168.1000	T-9 (100.0)	A
COMMAND	2 (CMD 2)	169.5375		164.7125	T-9 (100.0)	A
TACTICAL	3 (TAC 1)	168.0500		168.0500	T-9 (100.0)	A
AIR TO GROUND	13 (CDF A/G)	159.3450		159.3450	T-16 (192.8)	A
9. Prepared By (Resource Unit Leader)		Approved By (Planning Section Chief)		Date	Time	
KRYSTLE GLEASON/MARISA WILLIAMS (T)		JEFFERY BUSCHER		09/09/2019	2100	

Division/Group Assignment List (ICS 204 WF)
Controlled Unclassified Information//Basic

1. Incident Name:			3.			
SOUTH FIRE			Branch:		Division/Group:	
2. Operational Period: DAY			XX			
Date/Time From: 09/10/2019 0700 TUE		Date/Time To: 09/10/2019 1900 TUE				
4. Operations Personnel						
OPERATIONS CHIEF		ALEC LANE ROBERT RICE (T)		DIVISION/GROUP SUPERVISOR		ADRIAN VILLEGAS
PLANNING OPS		MIKE MINTON		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
HC1 SNAKE RIVER IHC (C-4)		09/23	KENNY BOCHNIAK	19	ICP/0700	ICP/1900
T2IA PENNSYLVANIA CREW (C-19)		09/23	JAKE GLICK	20	ICP/0700	ICP/1900
HC2 PATRICK ENVIRONMENTAL (C-8)		09/21	PHILLIP RIDGLEY	20	ICP/0700	ICP/1900
HC2 PACIFIC OASIS (C-15)		09/23	DONOVAN CULP	20	ICP/0700	ICP/1900
ENG3 JACKSONVILLE 25 (E-2)		09/19	LUKE SCHONEBERGER	3	ICP/0700	ICP/1900
ENG3 FIREMOG 442 (E-3)		09/19	KEVIN STULTZ	3	ICP/0700	ICP/1900
ENG3 FIRESTORM 9908 (E-4)		09/17	JAMES AURENTZ	3	ICP/0700	ICP/1900
WTS2 VALLEY TIMBER (E-11)		09/21	CHRIS CONRAD	1	ICP/0700	ICP/1900
HEQB (O-26/O-20)		09/22	CARL BERNARDI/JIM KRIZMAN (T)	1	ICP/0700	ICP/1900
DOZ2 GREGORY (E-15)		09/21	TOM GREGORY	2	ICP/0700	ICP/1900
DOZ2 ROSEVEAR (E-16)		09/20	JACK ROSEVEAR	3	ICP/0700	ICP/1900
DOZ2 NORTHWESTERN FIRE SUPPORT (E-61)		09/23	KENNY DINNING	2	ICP/0700	ICP/1900
DOZ2 NORTHWESTERN FIRE (E-62)		09/23	NICK DUNNE/THAD STEVENS	2	ICP/0700	ICP/1900
TFLD SANDERS (O-18)		09/20	BILL SANDERS	1	ICP/0700	ICP/1900
TFLD ROHRS (O-64)			KEITH ROHRS	1	ICP/0700	ICP/1900
READ ANDERSON (O-62)		09/19	GALEN ANDERSON	1	ICP/0700	ICP/1900
READ GRAVES (O-63)		09/22	KENNETH GRAVES	1	ICP/0700	ICP/1900
REAF HAGGLAND (O-65)		09/21	JESSICA HAGGLAND	1	ICP/0700	ICP/1900
EMPF ZUNIGA (O-49)		09/21	DANIEL ZUNIGA	1	ICP/0700	ICP/1900
EMTF HAMER (O-30)		09/21	BRYAN HAMER	1	ICP/0700	ICP/1900
8. Division/Group Communication Summary						
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode
COMMAND	1 (CMD 1)	170.4500		168.1000	T-9 (100.0)	A
COMMAND	2 (CMD 2)	169.5375		164.7125	T-9 (100.0)	A
TACTICAL	6 (TAC 5)	166.7750		166.7750	T-9 (100.0)	A
AIR TO GROUND	13 (CDF A/G)	159.3450		159.3450	T-16 (192.8)	A
9. Prepared By (Resource Unit Leader)			Approved By (Planning Section Chief)		Date	Time
KRYSTLE GLEASON/MARISA WILLIAMS (T)			JEFFERY BUSCHER		09/09/2019	2100

Division/Group Assignment List (ICS 204 WF)
 Controlled Unclassified Information//Basic

1. Incident Name:		3.	
SOUTH FIRE		Branch:	Division/Group: XX
2. Operational Period: DAY			
Date/Time From: 09/10/2019 0700 TUE	Date/Time To: 09/10/2019 1900 TUE		

4. Operations Personnel			
OPERATIONS CHIEF	ALEC LANE ROBERT RICE (T)	DIVISION/GROUP SUPERVISOR	ADRIAN VILLEGAS
PLANNING OPS	MIKE MINTON	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
SOFR KNIPE (O-28)	09/22	MARTY KNIPE	1	ICP/0700	ICP/1900

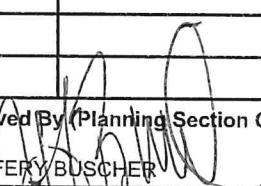
6. Control Operations/Work Assignments:
 Continue to prep around Hamilton Glade and Saddle Camp structures. Scout Nuisance Ridge for opportunities to construct line. Direct dozer line and handline.

7. Special Instructions:
 MOUNT SHASTA AMBULANCE (MEDIC 75) @ DP 110 UNLESS DIRECTED OTHERWISE.

8. Division/Group Communication Summary						
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode
COMMAND	1 (CMD 1)	170.4500		168.1000	T-9 (100.0)	A
COMMAND	2 (CMD 2)	169.5375		164.7125	T-9 (100.0)	A
TACTICAL	6 (TAC 5)	166.7750		166.7750	T-9 (100.0)	A
AIR TO GROUND	13 (CDF A/G)	159.3450		159.3450	T-16 (192.8)	A

9. Prepared By (Resource Unit Leader) KRYSTLE GLEASON/MARISA WILLIAMS (T)	Approved By (Planning Section Chief) JEFFERY BUSCHER	Date 09/09/2019	Time 2100
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Division/Group Assignment List (ICS 204 WF) Controlled Unclassified Information//Basic

1. Incident Name:			3.			
SOUTH FIRE			Branch:		Division/Group:	
2. Operational Period: DAY			CONTINGENCY			
Date/Time From: 09/10/2019 0700 TUE	Date/Time To: 09/10/2019 1900 TUE					
4. Operations Personnel						
OPERATIONS CHIEF		ALEC LANE ROBERT RICE (T)	DIVISION/GROUP SUPERVISOR		DREW BROWN	
PLANNING OPS		MICHAEL MINTON	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	
S/T 1608C (E-10)	09/22	HECTOR SANCHEZ	27	ICP/0700	ICP/1900	
SOFR BARNHART (O-37.25)	09/22	JEFF BARNHART	1	ICP/0700	ICP/1900	
6. Control Operations/Work Assignments: Establish structure protection measures in the Sheep Camp area and coordinate with Division XX.						
7. Special Instructions: Scout and Identify secondary and contingency control features north of the Nuisance Ridge. Contribute to contingency and pace planning for the incident. MOUNT SHASTA AMBULANCE (MEDIC 75) @ DP 110 UNLESS DIRECTED OTHERWISE.						
8. Division/Group Communication Summary						
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode
COMMAND	1 (CMD 1)	170.4500		168.1000	T-9 (100.0)	A
COMMAND	2 (CMD 2)	169.5375		164.7125	T-9 (100.0)	A
TACTICAL	7 (TAC 6)	168.2500		168.2500	T-9 (100.0)	A
AIR TO GROUND	13 (CDF A/G)	159.3450		159.3450	T-16 (192.8)	A
9. Prepared By (Resource Unit Leader)		Approved By (Planning Section Chief)		Date	Time	
KRYSTLE GLEASON/MARISA WILLIAMS (T)		JEFFERY BUSCHER 		09/09/2019	2100	

AIR OPERATIONS SUMMARY

Prepared By: Kerry Koskela

Prepared Date: 9 Sept, 2019

Prepared Time: 1900

1. INCIDENT NAME: South Fire	2. OPS PERIOD DATE: 10 Sept, 2019	START TIME: 0700	END TIME: 2000	SUNRISE: 06:45	SUNSET: 19:26
3. REMARKS (Safety Notes, Hazards, Air Operations Special Equipment, etc.): Supplement to the Red Bank ICS 220 for aircraft working on the South Fire north of Cottonwood Creek. Air to Ground Command should be used when Tactical Air to Ground is congested.		4. READY ALERT AIRCRAFT MEDEVAC - See Medical Plan			
5. TFR #: 9/4967 Altitude: 11,000' MSL Polygon corners: 40°15'00"N X 122°58'00"W 40°15'00"N X 122°33'00"W 40°02'00"N X 122°33'00"W 40°02'00"N X 122°58'00"W Frequency : 132.2750					

6. PERSONNEL	NAME	PHONE #	7. FREQUENCIES	AM	FM	8. FIXED-WING- Type/ Make-Model/ N#/ Base
AOBD South Fire	Kerry Koskela	559-359-2122	FAA tower	119.4250		AIRTANKERS- TBA
AOBD Red Bank Fire	Ethan Darnall Sean Ohara (t)	530-200-2514 530-448-2414	Air to Air R/W & TFR Air Tactics F/W	132.2750	169.4875	LEAD PLANES- TBA
ASGS			Air to Ground Tactical		159.3450 Tone 16 (192.8) Rx & Tx	ATGS AIRCRAFT- TBA
ATGS			Air to Ground Command		167.0625	
			Command See Communications Plan			
HEB1			DECK		163.1000	
			CALCORD tone guarded both sides		156.0750 Tone 6 (156.7)Tx & Rx	
			Air Guard		168.6250 Tone 1 (110.9)Tx & Rx	

9. HELICOPTERS (Use Additional Sheets as Necessary)

Call Sign	TY	MAKE/ MODEL	BASE	AVAIL	START	REMARKS	Call Sign	TY	MAKE/ MODEL	BASE	AVAIL	START	REMARKS
H-506	2	Bell 205	Red Bluff	0700	0800								

10. MISSIONS

Cargo to deliver to Div. QQ
South Fire Ops Recon

INCIDENT RADIO COMMUNICATIONS PLAN			Incident Name SOUTH CA-SHF-001209			Date/Time Prepared 09/09/19 1700		Operational Period Date/Time 09/10/2019 DAY 0700-1900	
Only frequencies listed on this 205 are authorized for use on this incident.			Hand programmers accept all responsibility for the use of unauthorized frequencies.						
Ch #	Function	Channel Name	Assignment	RX Freq	RX Tone	TX Freq	TX Tone	Mode	Remarks
1	NIFC C-2	CMD 1	SOUTH COMMAND 1	170.4500		168.1000	T-9 (100.0)	A	TOMHEAD LOOKOUT USE TONE 9 (100.0)
2	NIFC C-8	CMD 2	SOUTH COMMAND 2	169.5375		164.7125	T-9 (100.0)	A	TEPOC MT. USE TONE 9 (100.0)
3	NIFC T-1	TAC 1	DIVISION WW TACTICAL	168.0500		168.0500	T-9 (100.0)	A	DIVISION WW TACTICAL USE TONE 9 (100.0)
4	NIFC T-3	TAC 3	DIVISION QQ TACTICAL	168.6000		168.6000	T-9 (100.0)	A	DIVISION QQ TACTICAL USE TONE 9 (100.0)
5	NIFC T-4	TAC 4	DIVISION RR TACTICAL	168.7250		168.7250	T-9 (100.0)	A	DIVISION RR TACTICAL USE TONE 9 (100.0)
6	NIFC T-5	TAC 5	DIVISION XX TACTICAL	166.7750		166.7750	T-9 (100.0)	A	DIVISION XX TACTICAL USE TONE 9 (100.0)
7	NIFC T-6	TAC 6	CONTINGENCY	168.2500		168.2500	T-9 (100.0)	A	UNASSIGNED
8	SHF REPEAT	SHF-R	SHF CONTACT	171.5750		165.0125	TONE 12 OR 14	A	EMERGENCY CONTACT FOR SHF DISPATCH TONE 12 (127.3) TONE 14 (151.4)
9	CDF COMMAND 7	CDF CMD 7	CDF COMMAND 7	151.4600	T-8 (103.5)	159.3900	T-1 (110.9)	A	RED BANK COMMAND
10									
11									
12									
13	AIR TO GROUND	CDF A/G	RED BANKS AIR TO GROUND	159.3450		159.3450	T-16 (192.8)	A	USE TO CONTACT AIR ATTACK TO GET AIR RESOURCES TO SOUTH
14	AIR TO GROUND	A / G	SOUTH AIR TO GROUND TACTICAL	167.0625		167.0625		A	SOUTH FIRE AIR TO GROUND TACTICAL NO TONE
15	CALCORD	CALCORD	MEDICAL	156.0750	156.7	156.0750	T-6 (156.7)	A	MEDICAL EVAC. USE TONE 6 (156.7)
16	AIR GUARD	AIR GUARD	EMERGENCY ONLY	168.6250		168.6250	T-1 (110.9)	A	EMERGENCY ONLY
Prepared by				Incident Location					
RICK STONE COM1				SOUTH ICP					

1. Incident Name: RED BANK Incident Channels		2. Date/Time Prepared Date: 09/09/2019 Time: 1930		3. Operational Period: Date From: 09/10/19 Time From: 0700 Date To: 09/11/19 Time To: 0700				
4. Communications								
Ch#	Function	Name	Assigned To	Rx Freq	Rx Tone	Tx Freq	Tx Tone	Notes
1	COMMAND	CDF C7 T1	ALL DIVS	151.4600N	T8 - 103.5	159.3900N	T1 - 110.9	tone 1
2	COMMAND	CDF C7 T15	ALL DIVS	151.4600N	T8 - 103.5	159.3900N	T15 - 162.2	tone 15 - Portable Repeater
3								
4	TACTICAL	CDF T24	DIV KK	151.3325N	T16 - 192.8	151.3325N	T16 - 192.8	
5	TACTICAL	CDF T25	DIV B/C/H	159.2775N	T16 - 192.8	159.2775N	T16 - 192.8	
6	TACTICAL	CDF T26	DIV J/M/U/Y/A	159.2925N	T16 - 192.8	159.2925N	T16 - 192.8	
7	TACTICAL	CDF T27	DIV O/R/S	159.3075N	T16 - 192.8	159.3075N	T16 - 192.8	
8	TACTICAL	CDF T28	DIV PP	151.1825N	T16 - 192.8	151.1825N	T16 - 192.8	
9	TACTICAL	CDF T36	DIV MM	151.1525N	T16 - 192.8	151.1525N	T16 - 192.8	
10	TACTICAL	CDF T37	CONTINGENCY/ SUPPRESSION REPAIR	159.3375N	T16 - 192.8	159.3375N	T16 - 192.8	
11								
12								
13								
14	AIR TO GROUND	CDF T18	ALL DIVS	159.3450N	T16 - 192.8	159.3450N	T16 - 192.8	AIR TO GROUND
15	MEDICAL	CALCORD	ALL DIVS	156.0750N	T6 - 156.7	156.0750N	T6 - 156.7	MEDICAL COORDINATION
16	AIRGUARD	AIRGUARD	ALL DIVS	168.6250N		168.6250N	T1 - 110.9	EMERGENCY
17								
18								
19								
20	AIRGUARD	AIRGUARD	ALL DIV	168.6250N		168.6250N	T1 - 110.9	EMERGENCY
5. Special Instructions								
6. Prepared by (Communications Unit Leader): Name: Ken Parker							Signature: _____	

MEDICAL PLAN (ICS 206 WF)

1. Incident/Project Name South Fire	2. Operational Period Date/Time 9/10/19 0700-1900
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3. Ambulance Services				
Name	Location	Phone & EMS Frequency	Advanced Life Support (ALS)	
			Yes	No
Mt Shasta Medic 75 –incident	DP-110 area Day DP-100 Night	Contact South Comm	X	
St. Elisabeth Ambulance	Red Bluff, CA	911	X	
Trinity County Ambulance	Hayfork, CA	911 or 530-623-8128	X	

4. Air Ambulance Services (COORDINATE with AIR AMBULANCES on CALCORD tone 6)			
Name	Phone	Type of Aircraft & Capability	
Kern H-407 Up to 1:15 hr eta	Contact South Comm.	Day/Night Hoist Rescue, Weed, CA	
Air Guard (Night Hoist),CDF H205 (Day Hoist Only)	Contact South Comm	Red Bluff, CA	
Reach or PHI 20 min eta	911	Air Ambulance – Redding, CA Day/Night	
Coast Guard Up to 1:15 hr eta	911 or 707-839-6100	Hoist Rescue – Eureka, CA Day/Night	
CHP 20 min eta	911	ALS Hoist Rescue – Redding, CA	

5. Hospitals								
Name & Level	GPS Datum – WGS 84 Degrees Decimal Minutes		Travel Time		Phone	Helipad		Address
	Lat:	Long:	Air	Gnd		Yes	No	
St. Elisabeth Hospital Level III trauma center	N40° 08.91	W122° 13.24	20 min	1 hr	530-529-8000	X		2550 Sister Mary Columbia Dr., Red Bluff, CA 96080
	VHF:							
Mercy Medical Center – Level II trauma	N40°34.33	W122° 23.80	30 min	1.5 hrs	530-225-7201 (ER)	X		2175 Roseline Ave. Redding, CA 96001
	VHF:							
Shasta Regional Medical Center. Level III trauma	N40°35.08	W122°23.25	30 min	1.5 hrs	530-244-5353 (ER)	X		1100 Butte, Redding, CA 96001
	VHF:							
UC Davis Level I Trauma/Burn Center	N38°33.30	W121°27.33	1 hr	3.5 hrs	916-734-3636 916-734-3790	X		2315 Stockton Blvd. Sacramento, CA
	VHF:							

6. Division / Crew Pre-plan. Update and discuss with assigned resources daily.

Crew EMTs & Equipment	
Fireline EMTs & Location	
Adv. Life Support?	
Air Hoist site:	
Lat: / Long:	
Helispot:	
Lat: / Long:	
Alternate no-fly plan:	

7. Remote Aid Stations		
South Medical Unit– ICP R-Wild Horse Ranch 6700 Hwy 36W, Platina, CA N40° 19.02 W122° 48.00	Point of Contact:	MEDL(t) – Josh Hadley 530-852-8480
	EMS Responders & Capability:	Advanced Life Support
	Equipment Available on Site:	Medical supplies
	Ambulance ETA :	Air – 25 min. Ground – 45 min.

8. Prepared By (Medical Unit Leader)	9. Date/Time	10. Reviewed By (Safety Officer)	11. Date/Time
Josh Ramey – MEDL 530-277-1213 <i>Joshua Ramey</i>	9/9/19 2000	Michele Tanzi <i>Michele Tanzi</i>	9/9/19 2000

Medical Incident Report

1. CONTACT Communications on COMMAND, DECLARE: "MEDICAL EMERGENCY"

OR "NON-EMERGENCY MEDICAL TRANSPORT"

Ex: "Communications, Div. Alpha, Stand-by for a medical emergency on Div. Alpha" (If life threatening request designated frequency be cleared for

2. INCIDENT STATUS:

Provide incident summary (including number of patients) and command structure. *Ex: "Communications, I have a Red priority patient, unconscious, struck by falling tree. Requesting air ambulance to Forest Road 1 at (Lat. / Long.) This will be the Trout Meadow Medical, IC is TFLD Jones. EMT Smith is providing medical care."*

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.

Nature of Injury or Illness & Mechanism of Injury		Brief Summary of Injury or Illness (Ex: Unconscious, Struck by Falling Tree)
Transport Request		Air Ambulance / Short-Haul/Hoist/ Ground Ambulance / Other
Patient Location		Descriptive Location & Lat. / Long. (WGS84)
Incident Name		Geographic Name + "Medical" (Ex: Trout Meadow Medical)
On-Scene Incident Commander		Name of on-scene IC of Incident within an Incident (Ex: TFLD Jones)
Patient Care		Name of Care Provider (Ex: EMT Smith)

3. INITIAL PATIENT ASSESSMENT: Complete this section for each patient. Start with most severe.

Patient Assessment: (See IRPG page 106)	Treatment:
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4. TRANSPORT PLAN:

Evacuation Location (if different): (Descriptive Location (drop point, intersection, etc.) or Lat. / Long.)

Patient's ETA to Evacuation Location:

Helispot / Extraction Site Size and Hazards:

5. ADDITIONAL RESOURCE/EQUIPMENT NEEDS:

- | | | | | |
|--|--|--------------------------------------|--|---------------------------------|
| <input type="checkbox"/> Paramedic/EMT(s) | <input type="checkbox"/> SKED/Backboard/C-Collar | <input type="checkbox"/> Crew(s) | <input type="checkbox"/> Burn Supplies | <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) | | | | |

6. COMMUNICATIONS:

- Run Medical Emergency on Command
- Coordinate with air ambulance on CALCORD tone 6

7. CONTINGENCY:

Considerations: If primary options fail, what actions can be implemented in conjunction with primary evacuation method? Be thinking ahead.

8. ADDITIONAL INFORMATION: Updates / Changes, etc.

REMEMBER: -Confirm ETA's of resources ordered -Act according to your level of training
 - If air or ground ambulance is DELAYED: Package and transport patient to rendezvous with incoming Ambulance.
 Re-route EMS helicopter to rendezvous point as appropriate.

SOUTH FIRE INCIDENT RISK ANALYSIS (215a)
Day Shift, September 10, 2019 (0700 to 1900)

DIV	HAZARDOUS ACTIONS / CONDITIONS	MITIGATIONS / WARNINGS / REMEDIES
ALL	Medical Emergencies	<p>~ Contact South Comm for Medical Emergencies, Notify Division Supervisor immediately</p> <p>~ Review, understand and discuss with your resources the Medical Plan in the IAP.</p> <p>~ Refer to the Medical Incident Report on pages 118 – 119 in 2018 IRPG for info into Communications</p> <p>~ Develop Division/Crew Pre-Plan in block #6 on the Medical Plan and fill in necessary information to assist you with an Incident within an Incident.</p> <p>~ Base all operational decisions and activities on these 3 questions:</p> <ol style="list-style-type: none"> 1.) What are we going to do if someone gets hurt? 2.) How will we get them out of here? 3.) How long will it take to get them to a hospital? <p>~ If the answers are insufficient, stop, re-assess and consider alternate strategies and tactics.</p> <p>~ Have Alternate plan in place when aircraft is grounded due to visibility issues.</p> <p>~ If air or ground ambulance is delayed: package and transport patient to rendezvous with incoming ambulance.</p> <p>~ Re-route EMS helicopter to rendezvous point as appropriate</p> <p>~ Review page 2 in IRPG 2018 for briefing subordinates.</p> <p>~ If Night extraction by Air Ambulance with Hoist capabilities and NVG (Night Vision Goggles) is required, the following will assist in a smooth extraction.</p> <ul style="list-style-type: none"> * <u>Minimum</u> of a 20' x 20' clearing * 3 GREEN Glow Sticks placed on edges of clearing forming a triangle to assist pilot in visual horizon. * Turn ALL headlamps and vehicle lights OFF * Communicate with Air Ambulance on CALCORD tone 6 <p>~ Be aware of Rotor Wash & its effect on Fire behavior when the extraction point is next to an active fires edge.</p> <ul style="list-style-type: none"> • If possible, MOVE patient to an area with less fire activity
ALL	Driving & Traffic	<p>~ There is NO need to be in a hurry, or to drive fast. You get paid by the hour. Drive Cautiously</p> <p>~ Practice “Defensive Driving” techniques traveling on all roads in both rural and urban settings</p> <p>~ Slowdown in limited visibility (smoky/dusty) & congested areas. Increase following distances to allow dust to settle, & to allow for reaction time lag. Use low beam headlights</p> <p>~ Honk horn to alert personnel when backing. Use spotters when available</p> <p>~ Pull over to allow oncoming traffic to pass on a narrow road base. If required to back-up at night, have the vehicle in front of you turn their headlights to "running lights" to eliminate night blindness while you back out of the way. Utilize a backer.</p> <p>~ Expect two way traffic on one lane roads. Stay on your side, and approach corners with caution</p> <p>~ Headlights ON. Manually turn on Headlights. Most vehicles have "auto" headlights</p> <p>~ NO riding in the back of pick-ups. It is against the Law.</p>
XX	Heavy Equipment Operations	<p>~ Establish visual & radio communication methods are in place prior to engaging</p> <p>~ Never work directly below heavy equipment. Post lookouts for dislodged rocks or logs that could impact personnel or vehicles if working with equipment.</p> <p>~ Make positive eye contact with operator before approaching. Approach only when the equipment is idled down, all implements have been lowered to the ground, and you're invited toward the cab</p> <p>~ Maintain a 50'-100' exclusion area around equipment and increase it to 1 1/2 times tree height when in timber. Increase distance to 300'+ when working with Masticators.</p> <p>~ Close roads or trails if necessary for public safety</p> <p>~ Correctly wear all required PPE</p> <p>~ Refer to pg 80 in IRPG</p>
ALL	Hydration & Heat Illness	<ul style="list-style-type: none"> • Pre-hydrate, Re-hydrate! Dehydration is preventable.....Drink a <u>minimum</u> of 250ml/hour; (¼ of canteen) • <u>Water Intoxication</u> Drinking TOO much water, upsetting electrolyte balances can decrease sodium in the blood to dangerously low levels, causing mild to life-threatening problems • Drink water & Electrolyte drinks before, during, and after shifts. (2 waters to 1 sports drink). • Do NOT mix with water or dilute electrolyte drink. It must be consumed as is for the body to absorb properly. • Pace work to avoid heat injuries • Heat exhaustion is characterized by: Weakness, Extreme Fatigue, Nausea, Dizziness & Headaches, clammy skin, persistent muscle cramps, decreased urine output. <ul style="list-style-type: none"> ○ Cool patient as quickly as possible! ○ Move patient to a cooler location and provide cold water and sports drink. ○ Actively reduce core temperature through evaporation by fanning patient. ○ Remove Patient from fire line and seek medical attention ○ Cover head and neck with wet cloth, increase air movement. ○ Heat exhaustion is characterized by: Weakness, Extreme Fatigue, Nausea, Dizziness, Headaches, clammy skin, persistent muscle cramps, and decreased urine output • Refer to Medical Plan in IAP for additional EMS care and Evacuation
ALL	Rocky, Rugged Terrain	<p>~ Unforgiving terrain. Ensure you remain focused when walking.</p> <p>~ Maintain 8'-10' spacing when working & walking.</p> <ul style="list-style-type: none"> • Evaluate the necessity to send personnel in areas with limited access. Evaluate the type of resources needed to do the job if required <p>~ High Potential for lower leg injuries. Take your time when hiking in and around your work area</p>

**SOUTH FIRE INCIDENT RISK ANALYSIS (215a)
Day Shift, September 10, 2019 (0700 to 1900)**

ALL	Fire Behavior	<ul style="list-style-type: none"> ~ Provide weather forecasts/observations for all personnel assigned during Operational briefings ~ Update field personnel via the Command Channel when significant weather changes are observed that could impact area ~ Develop Management Action Points/Trigger Points for disengagement of resources and make them known to all. Re-assess as needed. ~ Use "Risk Management Process" prior to engaging in suppression actions, referring to pg 1, IRPG, 2108 ~ Ensure LCES is in place before engagement of resources 	
ALL	Hazard Trees	<ul style="list-style-type: none"> ~ Scout work area for aerial hazards prior to engagement to ensure a safe work area ~ Follow "Hazard Tree Safety" guidelines, page 22, 23 in IRPG, 2018 ~ Look up, down and around for Hazard Tree indicators. Info on pg 22 IRPG, 2018 ~ 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. ~ Remember that the hazard zone extends a minimum of 2 1/2 tree heights. ~ Utilize pg 85 in the IRPG, 2018 for Procedural Felling Operations ~ No "Felling" of any tree at Night, or during High Wind events. ~ Flag off areas of concern, communicate to Division, adjoining resources, and brief relief resources until hazards have been mitigated ~ Post a "Lookout" if possible to control the area of concern 	
ALL	Biting, Stinging Insects, & Critters (Rattle Snakes, Bees, Mosquitoes, Scorpions, Ticks, Wildlife, etc)	<ul style="list-style-type: none"> • If allergic to bee stings, let your DIVS & Medic/EMT's know. • Leave the snakes alone! Snakes and Scorpions are in Fire Camp too! Shake your boots out, check sleeping bag and check under your tent. They like to snuggle. If found in camp, notify Logistics • Use bug spray to minimize mosquito bites. • Check yourself daily for tick bites. • Leave wildlife alone. Backhaul ALL Trash please. 	
INCIDENT NAME SOUTH FIRE ICS 215a		DATE PREPARED: <p align="center">September 9, 2019</p>	OPERATIONAL PERIOD Day Shift, Sept 10, 2019 (0700 – 1900) Prepared by: Tanzi – SOF1, Barnhart – SOF2,
		TIME PREPARED: 1900 HOURS	

6 Minutes for Safety

Strategies that Strengthen a Fatigued Firefighter and Mitigate Heat Injury

Know Your Risk Factors

- **High sugar content beverages, Energy Drinks**, excessive caffeine intake, some weight loss products, **creatine**, ephedrine, alcohol, amphetamines, cocaine, ecstasy
- History of a previous heat injury
- **Motivation to push oneself past your stopping point (warrior mentality)**
- **Reluctance to report issues or illness**
- Decongestants, antihistamines, cholesterol lowering drugs (statins), diuretics, beta blockers, certain antibiotics (check with your personal physician)
- Recent virus: respiratory or gastrointestinal
- Recent medical procedure associated with dehydration or electrolyte disturbances
- Lower level of fitness, higher percentage of body fat
- Inadequate heat acclimatization
- Skin conditions (sunburn, skin rash, etc.)
- Dehydration, inadequate nutrition

Pre-hydration

- Dehydration before the event weakens you and sets you up for heat injury.
- Pre-hydrate daily by drinking at minimum 6-8 eight-ounce glasses of water in addition to liquids consumed during meals (8 eight-ounce glasses = 2 quarts). This should include off-duty days. The body can't be dehydrated for four days and then regain cell and tissue hydration status within the first day of returning to work. You can drink lots of fluids, but it still takes time for the water to distribute to all the compartments of the body and provide the best benefit.
- Drink throughout the day, not at one time.
- Know your own sweat rate!
 - Weigh yourself both before and after a challenging workout.
(2 lbs. of weight loss = approximately 1 liter of fluid loss)

Hydration

- Firefighters engaged in arduous tasks can lose as much as 1-2 liters of fluid per hour.
- Replace sweat loss during an event by drinking, at minimum, 1 liter of fluid for every 1 hour of exertion. (4 eight-ounce water bottles = approximately 1 liter).
- A general rule after one hour of work is adding in sports drinks (Gatorade) to replace carbohydrates, sodium and electrolytes. (1 twelve-ounce can of Gatorade followed by 3 eight-ounce water bottles = approximately 1 liter).
- Never mix bottled/canned Gatorade with water; it upsets the formula that is designed for easy digestion.
- Carry powdered Gatorade to add to water since bottled Gatorade may not be available.
- **“Energy” drinks such as Monster, Redbull or Rockstar can cause tachycardia and dehydration. They contribute to heat injuries and should not be consumed at fire incidents or in the emergency response environment.**
- Urine should be clear or very minimally yellow. Darker urine is the body's way of telling you it needs more fluids.

**SOUTH FIRE
ICP CAMP MAP
2019-CASHF-1209
9/9/2019**

- 1, SIT Tent
- 2, Planning Ops/Safety Tent
- 3, Clerical Trailer
- 4, Finance Tent
- 5, Planning Meeting Tent
- 6, Commo, Ordering, Medical
- 7, Incident Commander & PIO
- 8, IT/PC Specialist Trailer
- 10, GIS Trailer
- 11, Briefing Area
- 12, Supply R&D
- 13, Overhead Sleeping
- 14, Main Entrance
- 15, Logistics
- 16, Ground Support
- 17, Fuel Tender
- 18, Shower
- 20, Kitchen
- 21, Crew Sleeping Loop
- 22, Crew Access Entrance
- 23, Additional Overhead Sleeping
- 24, Helispot



Date & Time Order was placed:		Order #	Location & Time for Delivery (DIV,LZ,DP,Lat Long)		Mode of delivery
		(DIVS+#)			(Driven/Helo/DIVS to Pick up)
			Lat:		
			Long:		
Order received in Communications by (Name):					Time:
Order shipped to line by (Name): (Send this sheet to the line with the order)					Time:
#	Item				
1	1,000 Foot Hose Lay includes the following: Amount _____				
	10, 100'x1½" Rolls Hose; 10, 100'x1" Rolls Hose; 10, 1½" Gated Wyes; 10, 1½" to 1" reducers; 10, 1" nozzles				
2	2,000 Foot Hose Lay includes the following: Amount _____				
	20, 100'x1½" Rolls Hose; 20, 100'x1" Rolls Hose; 20, 1½" Gated Wyes; 20, 1½" to 1" reducers; 20, 1" nozzles				
3	3,000 Foot Hose Lay includes the following: Amount _____				
	30, 100'x1½" Rolls Hose; 30, 100'x1" Rolls Hose; 30, 1½" Gated Wyes; 30, 1½" to 1" reducers; 30, 1" nozzles				
#	Item	Amount	#	Item	Amount
4	Hose (50') garden, 3/4"		30	Gas Unleaded (Gallons)	
5	Hose (100'), 1"		31	Oil 2 cycle, (Pints)	
6	Hose (100'), 1½"		32	Bar Oil (Qts)	
7	Nozzle, Garden, 3/4"		33	Drip Torch ea	
8	Nozzle, Forester, 1"		34	Drip torch mix 3.5:1.5 (gallon)	
9	Nozzle, KK Type, 1"		35	Fusees (Boxes or cases)???	
10	Nozzle, KK Type, 1½"		36	Flare Gun Rounds (12/BX)	
11	Wye, Gated, 3/4"		37	Cartridge #6 purple (box)	
12	Wye, Gated, 1"		38	Batteries "AA" PKGs(24/PKG)/BX	
13	Wye, Gated, 1½"		39	Ribbon, Flagging (Specify Color)*	
14	Inline-Tee, 1x1x3/4"		40	Water, Cubies	
15	Inline-Tee, 1x1x1"		41	Water, Bottled, Cases	
16	Inline-Tee (1½" X 1")		42	Gatorade	
17	Reducer, 1" X 3/4"		43	MRE's (12/BX)	
18	Reducer, 1½" X 1"		44	Heavy Mill Plastic	
19	Increaser, 3/4" X 1"		45	Washcloth, waterless, cleansing	
20	Increaser, 1" X 1½"		46	Wrap, Structure 54"x300'	
21	Foam 5 gal		47	Sprinkler Kit	
22	Foam 4 oz (For Backpack Pump)		48	Mark 3 Pump	
23	Backpack Pump		49	Mark 3 Pump Kit- w/10 gal mixed fuel	
24	Pumpkin (Gallons?)		50	Chainsaw Kit	
25	Porta-Tank (Gallons?)		51	Mop-Up Kit, 3-Wand	
26	Shovel		52	Pump Kit, Lightweight, 2 Cycle	
27	Pulaski		53	Gas, Raw and 2 qts 2-cycle oil, ea	
28	Combi Tool		54	Lightweight Pump Kit-Cache w/5gal fuel	
29	McCloud		55	Gas, raw (gal) and 1 qt 2-cycle oil, ea.	
Notes:			Notes:		



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