# **SOUTH FIRE**

# **Incident Action Plan**

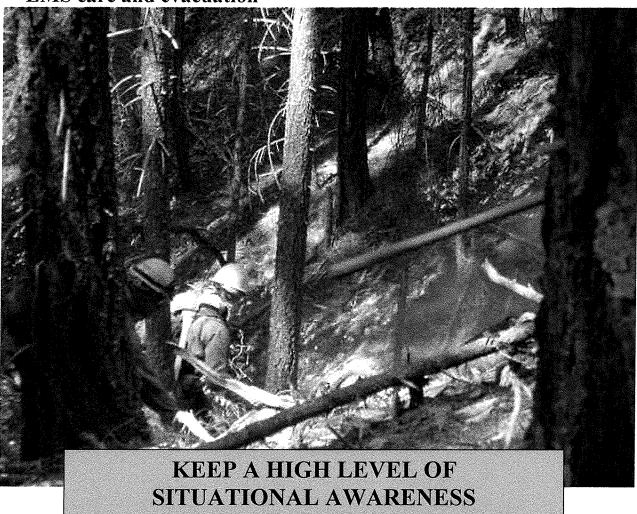
Day Shift September 9, 2019 (0700 - 1900)

# **Driving**

- Longer travel route increases exposure to driving hazards. Reduce Speed, Drive Defensively!
- Wash boarded, dusty, native surfaced roads exist.
   Slow down; let the dust settle for better visibility
- Expect the unexpected around blind corners. Stay in your lane.

# **Hydration**

- Pre-hydrate, Re-hydrate! Dehydration is preventable
- Review mitigations listed in IAP
- Refer to Medical Response Plan in IAP for additional EMS care and evacuation



CA-SHF-001209 P5MRD419 (0514)

Shasta-Trinity National Forest, Harrison Gulch RD California Interagency Incident Management Team 16

INCIDENT OBJECTIVES	1. Inc	cident Name	2. D	ate	3. Time
INCIDENT OBJECTIVES		South	09	/08/2019	1930
4. Operational Period September 9, 2019 DAY SHIFT			1		Acceptance of the Control of the Con
CONTROL OBJECTIVES					
<ol> <li>Keep fire North of the South Formula into the state DPA.</li> <li>Keep fire West of Maple Creek</li> </ol>				k to prevent fire s	spread
<ul><li>3) Keep fire South of Maple Creek</li><li>4) Keep fire East of Long Ridge an</li></ul>	and Sl	heep Ridge to protect p	rivate struct	-	•
1) Provide for firefighter and public	ic safe	ty.			
<ol> <li>Implement strategies and taction be successful, and recognizing responders and pilots.</li> </ol>					
3) Maintain a safe and positive we	orking (	environment.			
4) Protect private and Forest Serv	ice infr	astructure and cultural	and natural	resources.	
5) Limit long term impacts from su	uppress	sion actions.			
6. Weather Forecast for Period					
• See attached weather forecast.					
7. General Safety Message			Anne		
<ul> <li>See attached safety messages.</li> </ul>					
8. Atta	chmen	ts (mark if attached)			
Organization List - ICS 203	$\boxtimes$	Medical Plan - ICS 206	5 🖂	Weather	
Div. Assignment Lists - ICS 204	$\boxtimes$	Incident Map	$\boxtimes$	ICS215a	
Communications Plan - ICS 205		ICS 220		Rehab Consider	rations
9. Prepared by (Planning Section Chief	)	10. Approved by	(Incident Con	nmander)	
Jeffrey Buscher		Dustan Muelle	rDA	4	

ORGANI	ZATION ASSIGNMENT LIST	Equipment Manager	Mark Vardanega
Incident Name	LATION ASSIGNMENT LIST	Communications Unit	Richard Stone
		Medical Unit	Josh Ramey
South		Receiving & Distribution	Fred Johnson
2. Date	3. Time	Food Unit	Jay Westlake
September 8, 2019	2000	Security Manager	Jay Wesilake
4. Operational Period		9.	Operations Section
Day Shift, <b>Septembe</b>		Operations – Day	Alec Lane, Robert Rice (t)
Position	Name	Operations - Night	1.00 10.00, 1.00 01.1 1.00 (1.)
	ommander and Staff	Planning Ops	Mike Minton
Incident Commander	Dustan Mueller		TAING TAILING!
Deputy		a. Division/Group	DS
Safety Officer	Michele Tanzi, Jeff Barnhart	DAY	
Information Officer	Barbara Rebiskie, Daniel Rar	ney (t) Division/Group QQ	Billy Covert
Liaison Officer	Kent Swartzlander	Division/Group RR	Pete English
6. Agency Re	presentative	Division/Group WW	Adrian Villegas
Agency Administrator	Tom Hall	Division/Group XX	Robert Hickok
Lead READ	Jessica Haggland	Contingency	Drew Brown
BLM ARGP	Jeremy Strait	Division/Group	
Crane Mills Rep	Frank Barron	Division/Group	***************************************
Tehama S.O. Rep	Andy Houghtby	Division/Group	
		Division/Group	
		Division/Group	
7. Planning	Section		
Chief	Jeff Buscher	Division/Group	
Resources Unit	Marisa Williams (t)	Division/Group	
Situation Unit	Tad Morelock	Division/Group	
Demobilization Unit	Gary Deboi	Division/Group	
Training		c. Air Operation	
ITSS	George Steel, Jim Gonzalez (	Air Operations Branch Director	Kerry Koskela
GISS	Matt Dickinson, Kent Bloomer	All Support Supervisor	
FBAN			ince Section
IMET	Jim Dudley	Chief	Lois Charlton
LTAN	Eric Kronner	Time Unit	
		Equipment Time Recorder	
SCKN	Jennifer Erickson	Procurement	
· · · · · · · · · · · · · · · · · · ·		Personnel Time Recorder	Holly Cardoza
8. Logistics S	ection	Prepared by (Resource Unit Lea	ader) Gary R. Deboi
Chief	Richard Crowther		
Supply Unit	Josh Ramey		
Facilities Unit	Jeff Huhtala, Frank delCarlo		

Ground Support Unit



### INCIDENT Weather Forecast



**FORECAST NO:** 

1

NAME OF FIRE: South

PREDICTION FOR: Day Shift

**UNIT:** Shasta Trinity National Forest

**SHIFT DATE: 09/09/19** 

lans B Wudley

TIME AND DATE

FORECAST ISSUED: 1900 on 09/08/19

**Incident Meteorologist** 

WEATHER DISCUSSION: Breezy westerly to northwest winds will continue through Monday night as a strong onshore flow continues. Another area of low pressure will move through the area on Tuesday bringing a slight chance of showers. Temperatures will trend cooler on Tuesday with relative humidity trending upward. High pressure will then build over the region with a warming and drying trend along with lighter winds.

### Monday...

3ky/weather......Mostly Sunny. CWR..... percent.

Max temperature.....67-70 at 5000 feet and 73-78 at 2500 feet.

4in humidity......33-36 percent.

Vind (20 ft)......Northwest winds 10 to 15 mph. Gusts to 22 mph.

dixing height......Increasing to around 6200 ft AGL.

Pransport winds.....Northwest around 18 mph.

### MONDAY NIGHT...

3ky/weather.....Partly cloudy.

WR..... percent.

AL....1.

lin temperature....47-52.

lax humidity......58-62 percent.

Vind (20 ft).......West to northwest winds 10 to 13 mph with gusts to 22 mph.

lixing height......Decreasing to around 200 ft AGL.

'ransport winds.....West around 13 mph.

### TUESDAY...

ky/weather.....Partly Cloudy with a 20 percent chance of showers after 1100.

ax temperature.....65-68 at 5000 feet and 71-76 at 2500 feet.

in humidity......38-43 percent.

ind (20 ft)......West winds 8 to 12 mph.

ixing height......Increasing to around 8500 ft AGL.

ransport winds.....West around 19 mph.

### FIRE BEHAVIOR FORECAST

FORECAST NUMBER: 2	TYPE OF FIRE: Wildland Fire	
FIRE NAME: South	OPERATIONAL PERIOD: 24hr 9/09 (0700-0700)	***************************************
DATE ISSUED: 09/08	TIME ISSUED: 2100	
UNIT: SHF	SIGNED: //Troy Velin//	

### **INPUTS**

### WEATHER SUMMARY

### See Weather Forecast in IAP.

### **OUTPUTS**

### FIRE BEHAVIOR:

Fire activity will be isolated to up slope runs and occasional independent torching. Short range spotting can be expected during active runs.

### 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.

### Fuel moistures - Yolla Bolla (4000' elevation)

- 1000 hr - 9%. (avg is 10%)

- Ceanothus/Buckbrush 66%. (avg is 69%)
  - Manzanita 95% (avg is 92%)

### SPECIFIC:

North of the South Fork of Cottonwood Creek

The fire will continue to make uphill runs when continuous fuels are available. Due to the steepness of the drainage these uphill runs will create rollout which will start the process over. Uphill fire spread toward Nuisance ridge was interrupted by natural barriers that checked the fire up in a small section along the ridgetop.

South of the South Fork of Cottonwood Creek

The width and presence of water in the South Fork of Cottonwood creek should be a barrier to further spotting if monitored closely, and secured along the North side. The fire has crossed the creek to the south at the confluence of the Elkhorn and Sulphur creek drainages. Fire spread will be slow on this Northern aspect timber understory. Flanking ROS – 2 ch/h, FL -2'-4'

### AIR OPERATIONS:

Clear except areas of smoke. No inversion expected.

### SAFETY

Fuels burning high in steep drainages can dislodge heavy debris, crews working below should monitor for this.

SOUTH FIRE				Branch	1:		Division/Grou	p:
2. Operational Period:	DAY							
Date/Time From:		Date/Time To:					QQ	
09/09/2019 0700 MO	N	09/09/2019 1900	MON					
4		0	perations Person	rel			TILL TAPE IN THE STATE OF THE S	
OPERATIONS CHIEF	i .		DIVISI	ON/GROUP	SUPER\	ISOR E	BILLY COVERT	
PLANNING OPS	ROBERT F			IR ATTACK	(SUPER)	/ISOR		
, 2,	100000000000000000000000000000000000000				COO! LICE			
5.		Resour	ces Assigned this	Period				
Strike Team / Task Fo Resource Designa		LWD	Leader		Number Persons	Drop	Off PT./Time	Pick Up PT./Time
WFM2 WARMSPRINGS 0-16		09/21	JULIUS SENATOR		10	ICP/07	00	ICP/1900
SOF2 JOHN MORLOCK O-27		09/22			1	ICP/07	00	ICP/1900
EMTF JOSH BENNETT-SNOW (	)-31	09/21			1	ICP/070	00	ICP/1900
EMPF MIKE LARKIN O-47		09/22			1	ICP/070	00	ICP/1900
6. Control Operations/Work Assi	anments:							
Scout for opportunities to keep fire	_	onwood Creek. Use t	trail systems in Wild	erness Area	a as neede	ed for Co	ontainment lines.	
.,			·					•
7. Special Instructions:				<del>/////////////////////////////////////</del>				
Scout for opportunities to keep fire	north of Cott	onwood Creek. Use t	rail systems in Wild	erness Area	as neede	ed for Co	ontainment lines.	
MOUNT CHACTA AMBIIANCE /A/	IEDIC 75) @	DD 440 LBS ECC DI	SECTED OTHERWA	C.F.				
MOUNT SHASTA AMBUANCE (M	EDIC 75) @	DP 110 ONLESS DIF	RECTED OTHERWI	SE.				
B.			roup Communicat	ion Summa	ary			
Function	Channel	RX Frequency N	W RX Tone	NAC TX	( Frequen		TX Tone/NAC	
COMMAND	1	170.4500			168.10		T-9 (100.0)	A
COMMAND	2	169.5375			164.71		T-9 (100.0)	A
TACTICAL AIR TO GROUND	4 13	168.6000 159.3450			168.600		T-9 (100.0)	A
te Adougnes gregorians socialistes i sectes da production (a colored			(2) (2)		159.34	<del></del>	T-16 (192.8)	
9. Prepared By (Resource Unit Le	auerj	Approve	d-By (Planning Sed	cuon Chief)	)	Da	9/8/19	Time

Controlled Unclassified Information//Basic FINAL

1. Incident Name: Branch: Division/Group: SOUTH FIRE 2. Operational Period: DAY RR Date/Time To: Date/Time From: 09/09/2019 0700 09/09/2019 1900 MON MON 4. **Operations Personnel OPERATIONS CHIEF** ALEC LANE DIVISION/GROUP SUPERVISOR PETE ENGLISH ROBERT RICE (T) PLANNING OPS MIKE MINTON **AIR ATTACK SUPERVISOR** 5. Resources Assigned this Period Number Strike Team / Task Force / Resource Designator LWD Leader Persons Drop Off PT./Time Pick Up PT./Time ICP/0700 TRINITY IHC ICP/1900 HC2I OHIO STATE CREW C-7 ICP/0700 ICP/1900 HC2I NOREAST INTERAGENCY #1 C-6 ICP/0700 ICP/1900 20 HC2 BIRRUETA REFORESTATION C-9 10/06 ANTONIO BIRRUETA ICP/0700 ICP/1900 JOSE IBARRA 20 ICP/0700 ICP/1900 HC2 BIRRUETA REFORESTATION C-10 09/27 FMOD AMERICAN TIMBER AND FIRE O-69 JOE SULLIVAN 2 ICP/0700 ICP/1900 FMOD NORTH ZONE FALLERS MOD 13 0-70 LUKE HELFINSTINE 2 ICP/0700 ICP/1900 09/21 ENG3 HOOPA 9532 E-1 09/19 ROCKY COLEGROVE 4 ICP/0700 ICP/1900 ENG6 BELLA 452 E-6 09/19 RYAN BELLANCA 3 ICP/0700 ICP/1900 ENG6 VOLCANO 1 E-7 3 ICP/0700 ICP/1900 09/19 **CHUCK NEWBERRY** 3 ICP/0700 ICP/1900 ENG6 MT ADAMS 624 E-8 09/19 2 ICP/0700 DOZ2 TOM GREGORY E-15 09/21 ICP/1900 MICHAEL GRAVES ICP/0700 ICP/1900 WTS2 TAND S DVBE 2 E-13 09/20 1 WTS2 MARK HODGETTS E-14 09/20 1 ICP/0700 ICP/1900 WTS3 DIETZ EQUIPMENT E-22 09/21 WAYNE CONNER ICP/0700 ICP/1900 WTS2 TAND S DVBE 1 E-12 09/20 CASEY FRESHOUR 1 ICP/0700 ICP/1900 TFLD MATT DONNELLY O-19 09/21 1 ICP/0700 ICP/1900 TFLD CODY CHARTIER O-21 09/22 1 ICP/0700 ICP/1900 REAF JESSICA HAGGLAND O-65 1 ICP/0700 ICP/1900 09/21 READ KENNETH GRAVES 0-63 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 170.4500 COMMAND 1 168.1000 T-9 (100.0) Α 2 169.5375 164,7125 COMMAND T-9 (100.0) Α TACTICAL 5 166,7250 166,7250 T-9 (100.0) Α AIR TO GROUND 13 159.3450 159.3450 T-16 (192.8) Α 9. Prepared By (Resource Unit Leader) Approved By (Planning Section Chief) Date Time MARISA WILLIAMS

ICS 204 WF (1/14)

Controlled Unclassified Information//Basic

# Division/Group Assignment List (ICS 204 WF)

1. Incident Name:		Controlled Unclas	sified Info	mation//Basic 3.			
SOUTH FIRE				Branch:		Division/Gro	ıp:
2. Operational Period:	DAY						
Date/Time From: 09/09/2019 0700 MON	J	Date/Time To: 09/09/2019 1900	MON			RR	
4		Operatio	ns Personn	el			
OPERATIONS CHIEF	ALEC LAN	ena tara kina da bisa kana na namena kana sasa asa 1916 da garana ay 10 fi adi ye filiki		N/GROUP SUPE	RVISOR	PETE ENGLISH	
21 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ROBERT						
PLANNING OPS	MIKE MINT	ON	All	R ATTACK SUPE	RVISOR		
5.		Resources As	signed this I	• Period			
Strike Team / Task Fo Resource Designate		LWD	Leader	Number Person		p Off PT./Time	Pick Up PT./Time
EMTF MICHAEL BRODBECK 0-2	<u>.</u> 9	09/21		1	ICP/07	00	ICP/1900
EMPF VLADIMIR TRUBIN O-48		09/22		1	ICP/07	00	ICP/1900
SOF2 JEFFREY BARNHART 0-3	37.25	09/21		1	ICP/07	00	ICP/1900
3. Function	Channel	Division/Group Co	ommunicatio		ency N/W	TX Tone/NA	C Mode
COMMAND	1	170.4500		168.1	***************************************	T-9 (100.0)	
COMMAND	2	169.5375		164.7	····	T-9 (100.0)	
TACTICAL	5	166.7250		166.7	250	T-9 (100.0)	
AIR TO GROUND	13	159.3450		159.3	450	T-16 (192.8	) А
. Prepared By (Resource Unit Lea	ıder)	Approved By (P	anning Sect	ion Chief)	D	ate / /	Time

ICS 204 WF (1/14)

MARISA WILLIAMS

Controlled Unclassified Information//Basic

Page 2 of 2

1. Incident Name: Branch: Division/Group: **SOUTH FIRE** 2. Operational Period: DAY ww Date/Time From: Date/Time To: 09/09/2019 0700 MON 09/09/2019 1900 MON 4. **Operations Personnel OPERATIONS CHIEF** ALEC LANE DIVISION/GROUP SUPERVISOR ROBERT HICKOK ROBERT RICE (T) PLANNING OPS MIKE MINTON AIR ATTACK SUPERVISOR 5. Resources Assigned this Period Strike Team / Task Force / Number Resource Designator LWD Drop Off PT./Time Pick Up PT./Time Persons Leader HC1 WYOMING IHC C-2 ICP/0700 ICP/1900 HC1 IDAHO PANHANDLE IHC C-1 ICP/0700 ICP/1900 READ GALEN ANDERSON O-62 ICP/0700 ICP/1900 EMPF DANIEL ZUNIGA O-49 1 ICP/0700 ICP/1900 EMTF BRYAN HAMER O-30 09/20 1 ICP/0700 ICP/1900 SOF2 JEFFREY L BARNHART O-37.25 09/21 ICP/0700 ICP/1900 6. Control Operations/Work Assignments: Look for areas to go direct with handline construction and cold trailing. 7. Special Instructions: MOUNT SHASTA AMBUANCE (MEDIC 75) @ DP 110 UNLESS DIRECTED OTHERWISE. **Division/Group Communication Summary** RX Frequency N/W **Function** Channel RX Tone/NAC TX Frequency N/W TX Tone/NAC Mode COMMAND 1 170.4500 168.1000 T-9 (100.0) Α COMMAND 2 169.5375 164.7125 T-9 (100.0) Α TACTICAL 3 168.0500 168.0500 T-9 (100.0) Α AIR TO GROUND 13 159.3450 159.3450 T-16 (192.8) Α 9. Prepared By (Resource Unit Leader) Approved By (Planning Section Chief) Date Time

Controlled Unclassified Information//Basic

ICS 204 WF (1/14)

Page 1 of 1

1. Incident Name:			010111311111111111111111111111111111111		3.	7410142301212754231232			COPTOTABLE PURSUES	12 (A) 1 C 1 C 1 C 1 C 1 C 1 C 1 C 1 C 1 C 1
SOUTH FIRE		***************************************			Bra	nch:		Division/Gro	ıp:	
2. Operational Period:	DAY									
Date/Time From:		Date/Time To	:	255555				XX		
	ON	09/09/2019 19	00	MON		· · · · · · · · · · · · · · · · · · ·			<del></del>	
4.			Operations	Personn	el					
OPERATIONS CHI	1			DIVISION	ON/GRO	OUP SUPER	VISOR A	DRIAN VILLEG	AS	
PLANNING OF	ROBERT F			ΔΙ	D ATT	CK SUPER	/ISOB			
FLAMMING OF	S NAME WINA	ON		^'	N A I I A	ON SUPER	VISOR			
5.		Reso	urces Assig	ned this	Period		I			
Strike Team / Task			a de la compansión de l			Number	1			
Resource Desigr	nator	LWD		Leader		Persons		Off PT./Time		Up PT./Time
TBA T2IA							ICP/070	0	ICP/1900	)
HC1 SNAKE RIVER IHC C-4							ICP/070	0	ICP/1900	)
HC2 PATRICK ENVIRONMENT	AL C-8	09/21	PHILLIP R	RIDGLEY		20	ICP/070	0	ICP/1900	)
ENG3 JACKSONVILLE 25 E-2		09/20	LUKE SCI	HONEBER	RGER	3	ICP/070	0	ICP/1900	)
ENG3 FIREMOG 442 E-3		09/20	KEVIN ST	ULTZ		3	ICP/070	0	ICP/1900	)
ENG3 FIRESTORM 9908 E-4		09/17	JAMES AL	JRENTZ		3	ICP/070	0	ICP/1900	)
DOZ2 JACK ROSEVEAR E-16		09/20		<del></del>		1	ICP/070	0	ICP/1900	)
WTS2 VALLEY TIMBER E-11		09/21	CHRIS CC	NRAD		1	ICP/070	0	ICP/1900	)
TFLD KEITH ROHRS O-64						1	ICP/0700	0	ICP/1900	)
TFLD BILL SANDERS O-18		09/21				1	ICP/0700	0	ICP/1900	)
REAF JESSICA HAGGLAND O	-65	09/21				1	ICP/0700	)	ICP/1900	)
READ KENNETH GRAVES O-6	63					1	ICP/0700	D	ICP/1900	J
READ GALEN DANDERSON (	D-62					1	ICP/0700	)	ICP/1900	)
EMTF BRYAN HAMER O-30		09/21				1	ICP/0700	)	ICP/1900	)
EMPF DANIEL ZUNIGA O-49				***************************************		1	ICP/0700	)	ICP/1900	)
SOF2 JEFFREY BARNHART (	D-37.25	09/21		***************************************	·····	1	ICP/0700	)	ICP/1900	,
										*****
				··						
			<u> </u>	··········					<u> </u>	
8.		Division	/Group Con	nmunicati	ion Sun	nmary				
Function	Channel	RX Frequency	N/W	RX Tone/	NAC	TX Frequen	cy N/W	TX Tone/NA	С	Mode
COMMAND	1	170.4500				168.10	00	T-9 (100.0)		Α
COMMAND	2	169.5375				164.71	25	T-9 (100.0)		Α
TACTICAL	6	166.7750				166.77	50	T-9 (100.0)		Α
AIR TO GROUND	13	159.3450				159.34	50	T-16 (192.8	)	Α
9. Prepared By (Resource Unit	Leader)	Appro	ved By (Plai	nning Se	tion Ch	nief)	Dat	te /a/a	Time	<i>s</i> >
MARISA WILLIAMS			KKIN	M			'	7/8/19	10	00

ICS 204 WF (1/14)

Controlled Unclassified Information//Basic FINAL

Division/Group Assignment List (ICS 204 WF)

1. Incident Name:		Controlled Uncl	lassified Infor	mation// 3,	Basic			
SOUTH FIRE				Brancl	h:		Division/Group	<b>)</b> :
2. Operational Period:	DAY							
Date/Time From:		Date/Time To:					XX	
09/09/2019 0700 MON	N 05	9/09/2019 1900	MON					
4.		Opera	itions Personn	CHANGERS INSECTOR			THE RESERVE OF THE PROPERTY OF	
OPERATIONS CHIEF	ALEC LANE ROBERT RICE (	T)	DIVISIO	N/GROUI	P SUPERV	ISOR /	ADRIAN VILLEGA	S
PLANNING OPS		• /	All	RATTAC	K SUPERV	ISOR		
5.		Resources	Assigned this F	Period				
Strike Team / Task Fo Resource Designat		LWD	Leader		Number Persons	Dror	Off PT./Time	Pick Up PT./Time
Nesource Designat	OI	LVVD	Leadel		1 6/30/13	Diot	OII 1.7 FIIIIle	1 lok op r 1.71mle
6. Control Operations/Work Assi	unmente:							
Continue to prep around Hamilton		Camp structures S	cout Muisance F	Pidge for o	pportunitio	e to con	struct line. Direct	dozor line and handline
Continue to prep around framinon	Glade and Gaddle	Camp structures. Of	cout Nuisance i	lage for o	pporturnire	5 10 0011	struct line. Direct	dozer fille and flandliffe.
7. Special Instructions:								
MOUNT SHASTA AMBUANCE (M	EDIC 75) @ DP 1	10 UNLESS DIRECT	TED OTHERWIS	SE.				
								:
	antes Baras spacers and separation of					55022107200		
8.		Division/Group						The state of the s
Function		X Frequency N/W	RX Tone/I	VAC T	X Frequenc		TX Tone/NAC	Mode
COMMAND	1	170.4500			168.100		T-9 (100.0)	Α
COMMAND	2	169.5375			164.712		T-9 (100.0)	A
TACTICAL	6	166.7750			166.775		T-9 (100.0)	A .
AIR TO GROUND	13	159.3450			159.345		T-16 (192.8)	A
9. Prepared By (Resource Unit Le	ader)	Approved By	(Planning Sec	tion Chief	f)	Di	ate / a/	Time

Controlled Unclassified Information//Basic

Page 2 of 2

MARISA WILLIAMS

3.

1. Incident Name:

SOUTH FIRE				Branci	h:		Division/Grou	ıp:
2. Operational Period:	DAY							
Date/Time From: 09/09/2019 0700	MON	Date/Time To: 09/09/2019 1900	) MON				CONTIN	IGENCY
4.			Operations Personn	el				
OPERATIONS CH	1		DIVISIO	ON/GROUI	P SUPER	/ISOR D	REW BROWN	
PI ANNING O	ROBERT I			DATTAG	/ OUDED)	"005		
I EANGING O	WHOTIALLI	VIIIN I OIN	A	R ATTACH	N SUPERI	/ISOR		
		Resou	rces Assigned this	Period		<u> </u>		
Strike Team / Task					Number			
Resource Desig	nator	LWD	Leader		Persons		Off PT./Time	Pick Up PT./Time
ES3 S/T T3 1608 C E-10		09/22	HECTOR SANCHEZ		27	ICP/0700	)	ICP/1900
FOBS BRUCE ROBERT CANN	N 0-44	09/22			1			
			7	* · · · · · · · · · · · · · · · · · · ·				
6. Control Operations/Work As	ssignments:			1				
Establish structure protection m	easures in the S	Sheep Camp area and	d coordinate with Div	ision XX.				
. Special Instructions:								
Scout and Identify secondary ar	nd contingency o	control features north	of the Nuisance Ride	te Contrib	ute to con	ingenove	and nace planni	na for the installant
					ute to com	ingency a	and pace planni	ng for the incident.
MOUNT SHASTA AMBUANCE	(MEDIC 75) @ I	DP 110 UNLESS DIR	RECTED OTHERWIS	E.				
		Division/G	roup Communicatio	on Summa	iry			
Function	Channel	RX Frequency N/	W RX Tone/I	NAC TX	(Frequenc	y N/W	TX Tone/NAC	Mode
OMMAND	1	170.4500			168.100	00	T-9 (100.0)	А
OMMAND	2	169.5375			164.712	25	T-9 (100.0)	A
IR TO GROUND	13	159.3450			159.345	0	T-16 (192.8)	A
Prepared By (Resource Unit I	Leader)	Approved	By (Planning Sect	ion Chief)		Date	2/4/ -	Time
		1 1	Bush			1 4	1/8/19	2700
S 204 WF (1/14)		Controlled Ur	classified Inform	ation//Ba	asic	/	<del>'                                    </del>	Page 1 of 1

FINAL

Page 1 of 1

								i							
	₽	AIR OPERATIONS SUMM	IONS SE	IMMAR	ARY ICS-220	-220		ilme Prepared 1820	epared 20	Sunday, §	Date Prepared Sunday, September 8, 2019	8, 2019		Prepared By Sean O'Hara	>- m
	ncident Nan	Incident Name / Number		Sunrise Startup	Startup	Cutoff	Sunset	Shutdown	lown	Operatio	Operational Period - Date	- Date	Operal	Operational Period - Time	J - Time
	RED BANK / C	/ CA-TGU-009386		6:42	7:12	18:56	1926	19:56	56	Monday ,	Monday , September 9, 2019	9, 2019		0700-2100	
Genera	al Remarks,	General Remarks, Safety Notes, Hazards, Air Operations Special Equipment, etc.	, Hazards, A	Nir Operat	tions Spe	cial Equipn	nent, etc.	Helibase Information	formation	TFF	TFR Information	no	Rescu	Rescue Ship Information	mation
TR.	ACK ALL DIF	TRACK ALL DIPSITE LOCATIONS / NUMBER OF DIPS / GALLONS TAKEN.	IONS / NOV	1BER OF	DIPS / G,	ALLONS TA	KEN.	Name	Name Red Bluff	Rednest #	t A-101			Day Hoist	Night Hoist
TRA	CK ALL DRC	TRACK ALL DROP LOCATIONS / NUMBER OF	IS / NUMBE	R OF DR(	JPS / GAI	DROPS / GALLONS DROPPED	)PPED	Latitude .	Latitude 40' 09.35	Polygon:		NM	Name	C205	C 840
All GPS DA	ATA TO BE C	All GPS DATA TO BE COLLECTED IN <u>DEGREES, MINUTES, DECIMAL MINUTES F</u> ORMAT.	N DEGREE!	S. MINUTI	S. DECI	MAL MINUT	ES FORMAT.	Longitude 122 15.02"	122 15.02"	Altitude:	11,000 MSL	MSL	Phone	Phone 530-321-4338	707-845-0099
AVOID	Aerial Applicati	on of Retardant /	Foam / Agent	within 300'c	of Waterway	rs, Bodies of M	/ater, etc.			Centerpoint: 40'07.20' Lat	40'07.20' Lat	Lat	Make/Mode!	UH-1H	09-HO
n veral dalli i	Information: L.	in vectariant in definitive Dupped within These Areas Immediately Notify the AUBD and Flowdee the Following Information: Lat / Long, Estimated Number of Gallons and a Map Defailing The Area.	rnese Areas II ted Number of	nmediately Gallons and	votiny tne A 1 a Map Det	UBD and Proviailing The Area	ide the Following 3.			NOTAMS:	122° 38.40°	40' Long 9/4967	Location Red Bluff Request Procedure fo	ocation Red Bluff   Red Bluff Request Procedure for These Aircraft;	Red Bluff ese Aircraft:
										Frequency	132.	132.2750	Incide	Incident Communications	ations
Frontion	projoe	λL	Tono	2		-	A 1 1 1 1 1	:		http://tfr.faa.gov/tfr2/list.html	aa.gov/tfr2	/list.htm	See Medic	See Medical Plan For Additional Info	ditional Info
o char	cilcies	<b>&lt;</b>	Torre	2		lone	AM / FM	Position	Na	Name	<u>Б</u>	Phone	Trainee		Phone
Command	nand	159.3900	110.9 (1)	151.4600	009	103.5 (8)	FM	AOBD	Ethan	Ethan Darnall	530-2	530-200-2514	Sean O'Hara		530-448-2414
AIR / GROUND	KOONID	159.3450	192.8 (16)	159.0	59.3450	192.8 (16)	FM	ASGS	Gerry	Gerry Magaña	530-2	530-200-2512			
AIR/AIR ROTARY WING	TARY WING	132.2750		132.2750	750		AM	HEBM	Niko A	Niko Matteoli	704-4	704-488-2460			
Helco Briefing	Briefing	134.0250		134.0	134.0250		AM	IMT 16 AOBD	Kerry I	Kerry Koskela	559-3	559-359-2122			
AIR TACTICS	CTICS	169.4875		169.4875	875		FM								
FAA Temp Tower	ip Tower	119.4250		119.4250	250		AM	HLCO	Skye M	Skye McGregor	530-5.	530-521-8748			
TOLC	2]	123.0250		123.0	123.0250		AM	HLCO	Byron	Byron Vance	530-5	530-588-4516			
DECK	X.	163.1000		163.1	63.1000		FM	AAML	Tim (	Tim Shiffer	650-2	650-245-1715			
CALCOHD - MEDICAL	- MEDICAL	156.0750	156.7 (6)	156.0750	1750	156.7 (6)	FM								
AIRCOARD - Emergency Only	mergency Only	168.6250	110.9 (1)	168.6250	250		FM								
						포	HELICOPTERS (Use page 2 if Needed)	se page 2 if N	eeded)						
FAA#	Type	ē	-1	Avail	Start	Rei	Remarks	FAA#	Type	Make/Model Helibase	Helibase	Avail	Start	Remarks	arks
802PJ	-	UH-1HA	Red Bluff	0200	0800	Red E	Red Bank A-14	909	=	205A1++	Red Bluff	0700	0800	Red Bank A-2	nk A-2
617CK	-	S-61N	Red Bluff	0200	0800	Red E	Red Bank A-27	ME9	=	UH1H	Red Bluff	0200	0800	Red Bank A-6	nk A-6
M96	-	S-61N	Red Bluff	0200	0800	Red E	Red Bank A-28	16TV	=	UH1H	Red Bluff	0200	0800	Red Bank A-9	nk A-9
760HT	-	S-61N	Red Bluff	0020	0800	Red E	Red Bank A-29	205	=	UH1H	Red Bluff	0200	0800	Red Bank A-9	nk A-9
793HT	-	CH54 A	Red Bluff	0200	0800	Red E	Red Bank A-30	45AD	=	UH1H	Red Bluff	0200	0800	Red Bank A-71	ık A-71
312KA		K-1200	Red Bluff	0200	0800	Red E	Red Bank A-31	582D	=	UH1H	Red Bluff	0200	0800	Red Bank A-33	ık A-33
613CK	-	SH-3H	Red Bluff	0200	0800	RedE	Red Bank A-15	873HL	=	212HP	Red Bluff	0020	0800	Red Bank A-34	ık A-34
801	_	09-H0	Red Bluff	0200	0800	Red E	Red Bank A-79	811KA	=	212HP	Red Bluff	0700	0800	Red Bank A-35	ık A-35
820		09-H0	Red Bluff	0200	0800	Red E	Red Bank A-78	3276T	=	UH1H	Red Bluff	0200	0800	Red Bank A-32	ık A-32
930		04-60	Ked Bluff	0700	0800	RedE	Red Bank A-80		***************************************						
850	-  -	09-H31	Red Bluff	0700	0000	nav a	Red bank A-62	0000		000	i			-	
				3	3	1091	D-C William	10000	=	907	Ked Bluff	07.00	0800	Ked Bank A-37	IK A-37
								36041	=	ASTAR	Red Bluff	0200	0800	Red Bank A-38	ık A-38
								226GM	=	206L4	Red Bluff	0200	0800	Red Bank A-39	ık A-39
						Ē	FIXED WING ( Use Page 2 if Needed )	Page 2 if Nev	eded )						
FAA#	Туре	Make/Model	Base	Avail	Start	Remarks		FAA#	Tvne	Make/Model	Bass	Avenil	r	O company	
					_	Venigina		* ***	adkı	Makelinouei	nase	Avaii	Start	кетагкѕ	
	-													111111111111111111111111111111111111111	

			Incident Name			Date/Time Prepared	spared		Operational Period Date/Time
INCIDE	INCIDENT RADIO COMMUNICATIONS PLAN	NICATIONS PLAN	SOUTH CA-SHF-	A-SHF- 001209		30/60	09/08/19 1700		09/09/2019 DAY 0700-1900
Only	frequencies listed on	this 205 are authorized	Only frequencies listed on this 205 are authorized for use on this incident.	Hand prog	Irammers	accept all re	ilidisnodse	y for th	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
~	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)
ю	NIFC T-1	TAC 1	DIVISION WW TACTICAL	168.0500		168.0500	T-9 (100.0)	4	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)
S.	NIFC T-4	TAC 4	DIVISION RR TACTICAL	166.7250		166.7250	T-9 (100.0)	A	DIVISION RR TACTICAL USE TONE 9 (100.0)
9	NIFC T-5	TAC 5	DIVISION XX TACTICAL	166.7750		166.7750	T-9 (100.0)	∢	DIVISION XX TACTICAL USE TONE 9 (100.0)
7	NIFC T-6	TAC 6	UNASSIGNED	168.2500		168.2500	T-9 (100.0)	∢	UNASSIGNED
80	SHF REPEAT	SHF-R	SHF CONTACT	171.5750		165.0125	TONE 12 OR 14	⋖	EMERGENCY CONTACT FOR SHF DISPATCH TONE 12 (127.3) TONE 14 (151.4)
6	CDF COMMAND 7	CDF CMD 7	CDF COMMAND 7	151.4600	T-8 (103.5)	159.3900	T-1 (110.9)	∢	RED BANK COMMAND
10									
<del>-</del>									
12		-							
13	AIR TO GROUND	CDF A/G	RED BANKS AIR TO GROUND	159.3450		159.3450	T-16 (192.8)	∢	USE TO CONTACT AIR ATTACK TO GET AIR RESOURCES TO SOUTH
41	AIR TO GROUND	A/G	SOUTH AIR TO GROUND TACTICAL	169.4875		169.4875		⋖	SOUTH FIRE AIR TO GROUND TACTICAL NO TONE
15	CALCORD	CALCORD	MEDICAL	156.0750	156.7	156.0750	T-6 (156.7)	∢	MEDICAL EVAC. USE TONE 6 (156.7)
16	AIR GUARD	AIR GUARD	EMERGENCY ONLY	168.6250		168.6250	T-1 (110.9)	∢	EMERGENCY ONLY
Prepared by					Incident Location	ation			
RICK STONE COML	e coml				SOUTH ICP	۵			
S 205 – 2007H	HZUUt								

S 205 – 2007H MODE A – ANALOG, D - DIGITAL

# ICS 205 - INCIDENT RADIO COMMUNICATIONS PLAN

7. Inc	1. Incident Name:		2. Date/Time Prepared		3. Operational Period:	nal Period:		
	RED BANK	*	Date:		09/08/2019 Date From: 09/09/19	09/09/19	Date To:	09/10/19
	Incident Channels	nnels	Time:		1930 Time From: 0700	0020	Time To:	0700
4. Cor	4. Communications							
# 5	Function	Name	Assigned To	Rx Freq	Rx Tone	Tx Freq	Tx Tone	Notes
-	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 A/B	151.3325N	T16 - 192.8	151.3325N	T16 - 192.8	
5	TACTICAL	CDF T25	DIV C/H	159.2775N	T16 - 192.8	159.2775N	T16 - 192.8	
9	TACTICAL	CDF T26	M/f VIQ	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	
80	TACTICAL	CDF T28	√n ∧ia	151.1825N	T16 - 192.8	151.1825N	T16 - 192.8	
6	TACTICAL	CDF T36	DIV MM/PP	151.1525N	T16 - 192.8	151.1525N	T16 - 192.8	
5	TACTICAL	CDF T37	CONTINGENCY	159.3375N	T16 - 192.8	159.3375N	T16 - 192.8	
=								
12								
13								
4	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								
48								
19								
20	AIRGUARD	AIRGUARD	ALL DIV	168.6250N		168.6250N	T1 - 110.9	EMERGENCY
5. Spe	5. Special Instructions							
6. Pre	6. Prepared by (Communications Unit Leader): Name:	ications Unit Le	ader): Name: Ken Parker			Signature:		
ICS 2(	5 - CONTROLLEI	OUNCLASSIFIE	ICS 205 - CONTROLLED UNCLASSIFIED INFORMATION//BASIC		NIMSIAP	NIMS IAP Date/Time:	09/08/19	1930

		ME	EDICAL I	<u>PLAN</u>	(ICS	206 WF)		· · · · · · · · · · · · · · · · · · ·	
1. Incident/Project Name				] :	2. Operational Period				
South Fire					Date/Ti	me 9/9/19 0600-	0600		
3. Ambulance Services		***************************************	······						<del></del>
Name			Location			Phone & A EMS Frequency		Advanced Life Support (ALS) Yes No	
Mt Shasta Medic 75 South Incident:			DP-110 Days, ICP Nights				Contact South Comm		
St. Elisabeth Ambulance Red Bluff, CA						911		х	
Trinity County Ambulance	ŀ	Hayfork, CA				911 or 530-623-8128		х	
4. Air Ambulance Service	es (COO	RDINATE with	AIR AMBULA	NCES on	CALCO	RD tone 6)			
Nam	e		F	hone		Ту	pe of Aircra	ft & Capa	bility
Kern H-407 Up to 1:15	hr eta		Contact South Comm			Day/Night Hoist R	escue Wee	d CA	
Air Guard (Night Hoist),CDF		w Hoist Only)	Contact So			Red Bluff, CA	cocue, wee	u, UA	
	***************************************	iy moist omy;	911			· · · · · · · · · · · · · · · · · · ·	Dadding C	A Davidial	
Reach or PHI 20 r	nin eta		911			Air Ambulance –	Kedaing, C/	A Day/Nigi	nt
Coast Guard Up to 1:15	hr eta		911 or 707-8	339-6100		Hoist Rescue – Eu	ıreka, CA D	ay/Night	
CHP 20 m	nin eta		911			ALS Hoist Rescue	- Redding,	CA	
5. Hospitals						: :			
***************************************									***************************************
Name	ł	GPS Datum – V egrees Decimal				Helipad	d		
& Level		9.000 -00		Air	Gnd	Phone	Yes N	0	Address
it. Elisabeth Hospital evel III trauma center	Lat: Long: VHF:	N40° 08. W122° 1		20 min	1 hr	530-529-8000	х		2550 Sister Mary Columbia Dr., Red
	Lat:	N40°34.3	13		-				Bluff, CA 96080
/lercy Medical Center – .evel II trauma	Long: VHF:	W122° 2		30 min	1.5 hrs	530-225-7201 (ER)	X		175 Roseline Ave. edding, CA 96001
hasta Regional Medical	Lat:	N40°35.0		30	1.5	530-244-5353 (ER)	X 1	11	1100 Butte, Redding, CA 96001
enter. Level III trauma	Long: VHF:	W122°23	.25	min	hrs			''	
JC Davis Level I	Lat:	N38°33.3		1 br	1 hr 3.5 hrs	916-734-3636 916-734-3790	1 1 1	22	315 Stockton Blvd.
rauma/Burn Center	Long: VHF:	W121°27	.33	┨ ''''				Sacramento, CA	
. Division / Crew Pre-plan	<u> </u>	and discuss wi	th assigned re	esources	daily.				
Crew EMTs & Equipment		<u> </u>	***************************************	***************************************					
ireline EMTs & Location						· · · · · · · · · · · · · · · · · · ·	***************************************		
Adv. Life Support?				······					
ir Hoist site: Lat: / Long:	***								
lelispot: Lat: / Long:	·				***************************************				
Iternate no-fly plan:								····	
. Remote Aid Stations									
South Medical Unit-ICP R-Wild Horse Ranch		Point of Contact: MEDL			Josh Ramey 530-2	77-1213			
					Basic Life Support				
700 Hwy 36W, Platina, CA 40° 19.02		Equipment Available on Site:			Medical supplies				
/122° 48.00		Ambulance I	ETA:		Air – 25 min. Ground – 45 min.				
Prepared By (Medical Un	it Leader)		9. Date/Tim	ie	10. Re	eviewed By (Safety (	Officer)		11. Date/Time
osh Ramey – MEDL 530-27	·					0. Reviewed By (Safety Officer)			9/7/19 1800
losn Ramey - MEDL 530-277-1213			Michele שואר פרוזויפ			Michele Tanzi		JU01 5 1000	

Medical	In	cid	ent	Re	nort
HICUICA		UIU	CIIL	110	

## 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 a 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."

medical care."					
S	EVERITY		Ambulance or MEDEVAC helicopter. Evacuation need is  IMMEDIATE.  Ambulance or consider air transport if at remote location. Evacuation may be DELAYED.		
☐ URGENT-RED Life threatening inju Ex: Unconscious, difficulty breathing, bleed heat stroke, disoriented.	iry or illness. ing severely, 2° – 3° burns more than 4 palm sizes				
PRIORITY-YELLOW Serious Injury Ex: Significant trauma, not able to walk, 2	or illness. ° – 3° burns not more than 1-2 palm sizes.	•			
☐ ROUTINE-GREEN  Not a life threatening injury or illness. Ex: \$ illness.	prains, strains, minor heat-related	1 .	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 ASSE	 SSMENT: Complete this section for each patie	ent. Start with most severe.			
Patient Assessment: (See IRPG	page 106)	Treatment:			
4. TRANSPORT PLAN:					
, , ,	riptive Location (drop point, intersection, etc.) or L	at. / Long.)			
Patient's ETA to Evacuation Locat Helispot / Extraction Site Size and		······			
5. ADDITIONAL RESOURCE					
☐ Paramedic/EMT(s) ☐ SKE	D/Backboard/C-Collar ☐ Crew(s) ☐ cation(s) ☐ IV/Fluid(s) ☐	Burn Supplies [] Cardiac Monitor/AED	□ Oxygen		
6. COMMUNICATIONS: - Run Medical Emergency of	n Command - Coordinate	with air ambulance or	n CALCORD tone 6		
7. CONTINGENCY: Considerations: If primary options fail, wha	t actions can be implemented in conjunction	n with primary evacuation me	ethod? Be thinking ahead.		
8. ADDITIONAL INFORMAT	FION: Updates / Changes, etc.	***************************************			
	rces ordered -Act accor ince is DELAYED: Package and transpor ter to rendezvous point as appropriate.	rding to your level of train t patient to rendezvous wi			

# SOUTH FIRE INCIDENT RISK ANALYSIS (215a) Day Shift, September 9, 2019 (0700 to 1900)

DIV	HAZARDOUS	MITIGATIONS / WARNINGS / REMEDIES
5	ACTIONS /	MITIOATIONO / WARRINGS / REMEDIES
	CONDITIONS	Contact South Course for Medical Engagement Notice Division Course in Notice Division Course Division Course Division Course Division Course Division Course Division Course D
ALL	Medical Emergencies	~ Contact South Comm for Medical Emergencies, Notify Division Supervisor immediately ~ Review, understand and discuss with your resources the Medical Plan in the IAP. ~ Refer to the Medical Incident Report on pages 118 – 119 in 2018 IRPG for info into Communications ~ 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. ~ Base all operational decisions and activities on these 3 questions: 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? ~ If the answers are insufficient, stop, re-assess and consider alternate strategies and tactics. ~ Have Alternate plan in place when aircraft is grounded due to visibility issues. ~ 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 ~ Review page 2 in IRPG 2018 for briefing subordinates. ~ If Night extraction by Air Ambulance with Hoist capabilities and NVG (Night Vision Goggles) is required, the following will assist in a smooth extraction. * Minimum 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 * Be aware of Rotor Wash & its effect on Fire behavior when the extraction point is next to an active fires edge.
		If possible, MOVE patient to an area with less fire activity
ALL	Driving & Traffic	~ There is NO need to be in a hurry, or to drive fast. You get paid by the hour. Drive Cautiously  ~ Practice "Defensive Driving" techniques traveling on all roads in both rural and urban settings  ~ 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  ~ Honk horn to alert personnel when backing. Use spotters when available  ~ 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.  ~ Expect two way traffic on one lane roads. Stay on your side, and approach corners with caution  ~ Headlights ON. Manually turn on Headlights. Most vehicles have "auto" headlights  ~ NO riding in the back of pick-ups. It is against the Law.
······································		NO riding in the back of pick-ups. It is against the Law.      Pre-hydrate, Re-hydrate! Dehydration is preventableDrink a minimum of 250ml/hour;
ALL	Hydration & Heat Illness	(½ of canteen)  Water Intoxication 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.  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	Unforgiving terrain. Ensure you remain focused when walking.      Maintain 8'-10' spacing when working & walking.     Evaluate the necessity to send personnel in areas with limited access. Evaluate the type of resources needed to do the job if required      High Potential for lower leg injuries. Take your time when hiking in and around your work area
ALL	Fire Behavior	~ 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	~ Scout work area for aerial hazards prior to engagement to ensure a safe work area
		Total Control of define induction prior to origination to originate a date work area

# SOUTH FIRE INCIDENT RISK ANALYSIS (215a) Day Shift, September 9, 2019 (0700 to 1900)

ALL	Biting, Stinging Insects, & Critters (Rattle Snakes, Bees, Mosquitoes, Scorpions, Ticks, Wildlife, etc)	~ Follow "Hazard Tree Safety" guidelines, page 22, 23 in IRPG, 2018     Look up, down and around for Hazard Tree indicators. Info on pg 22 IRF     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 height     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 hazards have been mitigated     Post a "Lookout" if possible to control the area of concern  If allergic to bee stings, let your DIVS & Medic/EMT's know.  Leave the snakes alone! Snakes are in Fire Camp too check sleeping bag and check under your tent. They in camp, notify Logistics  Use bug spray to minimize mosquito bites.  Check yourself daily for tick bites.  Leave wildlife alone. Backhaul ALL Trash please.	s. and brief relief resources until  Shake your boots out,
	INCIDENT NAME	DATE PREPARED:	OPERATIONAL PERIOD
SOUTH FIRE		September 8, 2019	Day Shift 0700 - 1900
			I .
	ICS 215a		Prepared by: Tanzi – SOF1, Barnhart – SOF2,



# HAZARD MITIGATION THROUGH RISK MANAGEMENT

Operational Engagement

"Risk Management doesn't get in the way of doing the mission — it is the way we do the mission." The Risk Management Process assists in ensuring that critical factors and risks of the fireline work environment are considered during decision making. Good risk management utilizes a five-step process:

### Step 1—Situational Awareness:

- Obtain information.
- Scout the fire.
- Identify hazards—those likely to result in a negative impact.
- Consider all aspects of current and future situations.
- Consider known historical problem areas (Apply information from the Fire Danger Pocket Card.).
- Recognize the need for action.
- Demonstrate ongoing awareness of fire assignment status.
- Note deviations.
- · Attempt to determine why discrepancies exist with information before proceeding.

### Step 2—Hazard Assessment:

- Assess hazards to determine risks (e.g., fire behavior, snags, unburned fuels, work/rest).
- Use the Look Up, Down, and Around; and the Tactical Watch Outs (both located in the Incident Response Pocket Guide) to identify high-risk tactical hazards.
- Assess the impact of each hazard in terms of potential loss, cost, and mission/operational
  degradation based on probability and severity (probability—how likely an event will occur;
  severity—consequences if the event occurs). Keep in mind that increased exposure time
  increases probability.

### Step 3—Hazard Control:

- Determine the best approach to mitigate or control the risk from the hazards assessed.
- Establish controls (e.g., anchor point, LCES, utilize downhill checklist, limit exposure time).
- As control measures are developed, reevaluate each risk until it is reduced to a level where benefits outweigh potential costs.
- Step 4—Decision Point (decision to accept or not accept the risk(s) associated with an action):
  - Consider whether controls are in place for identified hazards, whether selected tactics are based on expected fire behavior and if instructions have been given and understood.
  - Make certain the decision is made at the appropriate level; if not, then elevate to a higher level.
  - Reject the action if the risk is unacceptable.

### Step 5—Evaluation:

- Ensure controls are implemented and accomplished to standards.
- Supervise/evaluate effectiveness of controls and decisions. Stay on top of the situation and adjust risk controls as necessary.
- Anticipate consequences of decisions; if controls do not work, determine problem and derive a better solution.
- Adjust actions as the situation changes; maintain situational awareness at all times.
- Maintain feedback line.

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	der shipped to line by (Name): (Send this she	et to the line with th	ne ord	der)	Time:
#	Item				
1	1,000 Foot Hose Lay includes the followin	g: Amount			
	10, 100'x1½" Rolls Hose; 10, 100'x1" Rolls Hos	e; 10, 1½" Gated Wy	yes; 1	10, 1½" to 1" reducers; 10, 1" nozzles	
7	2,000 Foot Hose Lay includes the followin	g. Amount	•		
	20, 100'x1½" Rolls Hose; 20, 100'x1" Rolls Hos		ves: 2	70 1%" to 1" reducers: 20 1" nozzles	
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	3,000 Foot Hose Lay includes the following				
_	30, 100'x1½" Rolls Hose; 30, 100'x1" Rolls Hos	e; 30, 1½" Gated Wy	/es; 3	0, 1½" to 1" reducers; 30, 1" nozzles	
#	ltem	Amount	#	ltem	Amount
	Hose (50') garden, 3/4"		30	Gas Unleaded (Gallons)	
	Hose (100'), 1"		+	Oil 2 cycle, (Pints)	
-+	Hose (100'), 1½"		32	Bar Oil (Qts)	
	Nozzle, Garden, 3/4"	4	33	Drip Torch ea	
	Nozzle, Forester, 1"		34	Drip torch mix 3.5:1.5 (gallon)	
	Nozzle, KK Type, 1"		35	Fusees (Boxes or cases)???	
	Nozzle, KK Type, 1½"		36	Flare Gun Rounds (12/BX)	
	Wye, Gated, 3/4"			Cartridge #6 purple (box)	
	Wye, Gated, 1"		38	Batteries "AA" PKGs(24/PKG)/BX	
	Wye, Gated, 1½"		39	Ribbon, Flagging (Specify Color)*	
-	Inline-Tee, 1x1x3/4"			Water, Cubies	
	Inline-Tee, 1x1x1"			Water, Bottled, Cases	
	nline-Tee (1½" X 1")	VI. 170-110 Park Control of the Cont	42	Gatorade	
	Reducer, 1" X 3/4"		43	MRE's (12/BX)	
	Reducer, 1½" X 1"		<del> </del>	Heavy Mill Plastic	
-	ncreaser, 3/4" X 1"		45	Washcloth, waterless, cleansing	
	ncreaser, 1" X 1½"		46	Wrap, Structure 54"x300'	
	Foam 5 gal	**************************************		Sprinkler <b>Kit</b>	
+	Foam 4 oz (For Backpack Pump)	4		Mark 3 Pump	
	Backpack Pump		49	Mark 3 Pump Kit- w/10 gal mixed fuel	
	Pumpkin (Gallons?)		1	Chainsaw <b>Kit</b>	
	Porta-Tank (Gallons?)		51	Mop-Up <b>Kit</b> , 3-Wand	
6 S	hovel		52	Pump Kit, Lightweight, 2 Cycle	
7 P	Pulaski		53	Gas, Raw and 2 qts 2-cycle oil, ea	
8 C	Combi Tool		54	Lightweight Pump Kit-Cache w/5gal fuel	
9 N	ЛcCloud		55	Gas, raw (gal) and 1 qt 2-cycle oil, ea.	
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UNIT	LOG	1. Incident Name	2. Date Prepared	3. Time Prepared
4. Unit Name/Designator	rs	5. Unit Leader (Name and Posit	ion)	6. Operational Period
7.		Personne	el Roster Assigned	
Na	ıme	ICS Position		Home Base
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