

# RUTH COMPLEX

**CA-SRF-000897**

**P5K9AJ**

**DAY Operational Period**

**August 16, 2017**

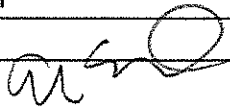
**0600 - 1800**



Ruth Complex Maps for AVENZA



<b>INCIDENT OBJECTIVES</b>	1. Incident Name <b>Ruth Complex</b>	2. Date Aug 15, 2017	3. Time 2100
4. Operational Period: <b>August 16, 2017 DAY 0600 - 1800</b>			
5. General Control Objectives for the Incident (include alternatives) <p><b>Strategic Framework</b> A full suppression strategy is to be implemented on the Ruth Complex. Values at risk associated to the incident include human safety, private property and associated improvements, archeological values, wildlife habitat, marketable timber and wilderness values. Minimize acres burned on privately owned lands. Apply tactics on public lands that offer the highest probability of success with minimal impact suppression tactics in wilderness areas.</p> <p><b>Leaders Intent</b> Provide the highest level of customer services to all involved with or impacted by the Ruth Complex. All incident assigned personnel should be prepared to take the appropriate actions regarding;</p> <ul style="list-style-type: none"> <li>• Professional behavior, conduct and timely/effective communications</li> <li>• Personal safety and the safety of others, includes driving slowly, safely and defensively</li> <li>• Implementation of tactics that offer a high probability of success</li> <li>• Manage fatigue by taking breaks and maintaining work/rest cycles</li> </ul> <p><b>Objectives</b></p> <ul style="list-style-type: none"> <li>• Provide for Firefighter and Public safety through hazard recognition and application of the risk management process.</li> <li>• Engage in mop-up and suppression actions as necessary to prevent fire from adversely affecting values while not exposing Firefighters or aircraft to unnecessary risk.</li> <li>• Minimize acres burned on privately owned lands in the incident area.</li> <li>• Protect wilderness values by ensuring minimum impact suppression tactics (MIST) are applied.</li> <li>• Coordinate suppression activities with assigned incident resource advisors.</li> </ul>			
6. Weather Forecast for Period <p><b><u>WEATHER FORECAST FOR WEDNESDAY:</u></b>  <b>WEATHER:</b> Mostly sunny. Smoke near Willie Fire.  <b>TEMPERATURES:</b> Max Lower Elevations....85-90F; ridges....81-87F.      <b>24 HR Trend</b> Up 3 deg  <b>HUMIDITY:</b> Min Lower Elevation....17-27%; ridges....25-35%.      <b>24 HR Trend</b> Down 5%  <b>SLOPE/VALLEY -</b> Variable less than 3 mph in the morning becoming Upcanyon / Upslope 3 to 5 mph with gusts to 8 mph .  <b>RIDGETOP- North to Northeast</b> less than 3 to 6 mph in the morning becoming west to northwest 5 to 8 mph in the afternoon. Gusts 12 mph in the afternoon.  <b><u>WEATHER FORECAST FOR WEDNESDAY NIGHT:</u></b>  <b>WEATHER:</b> Mostly clear with any smoke settling into valleys.  <b>TEMPERATURES:</b> Min Lower slopes/valleys 55-60F. Ridges 57-63 F      <b>24 HR Trend:</b> Up 5 deg  <b>HUMIDITY:</b> Max Lower slopes...70-90%; Ridges...35-50%.      <b>24 HR Trend:</b> 5% Drier  <b>SLOPE/VALLEY -</b> Upslope 2-5 with gusts to 7 mph in the evening...becoming down canyon/downslope to less than 4 mph after 2200.  <b>RIDGETOP -</b> West to southwest winds 5 to 8 mph gusts up to 15 mph in the evening becoming northeast to east 5 to 10 mph gusts up to 13mph.</p>			
7. General Safety Message: <b>Aggressive Risk Management</b> is our primary means of maintaining safe wildland fire operations. Consistently evaluate fireline tactics and do not hesitate to adjust tactics as environmental and human factor conditions change – <b>Review Risk Management Process in IRPG, page 1.</b>			
8. Attachments (mark if attached)			
<input checked="" type="checkbox"/> Incident Objectives – ICS 202	<input checked="" type="checkbox"/> Air Ops Summary – ICS 220	<input type="checkbox"/> HR Message	
<input checked="" type="checkbox"/> Organization List – ICS 203	<input checked="" type="checkbox"/> Safety Message	<input checked="" type="checkbox"/> Training Message	
<input checked="" type="checkbox"/> Weather / Fire Behavior Forecast	<input checked="" type="checkbox"/> Com Plan - ICS 205	<input checked="" type="checkbox"/> IAP MAPS	
<input checked="" type="checkbox"/> Div. Assignments - ICS 204	<input checked="" type="checkbox"/> Medical Plan - ICS 206	<input checked="" type="checkbox"/> Unit Log – ICS 214	
9. Prepared by (Planning Section Chief) <b>Gwen Sanchez</b> <i>Gwen Sanchez</i> 10- Approved by (Incident Commander) <b>Mike Minton</b> <i>M. Minton</i>			

ORGANIZATION ASSIGNMENT LIST		9. Operations Section	
1. Incident Name <b>RUTH COMPLEX</b>		Chief - Day	<b>Steve Burns</b>
2. Date 08/15/17		Chief - Night	<b>Shannon Prather (T)</b>
4. Operational Period <b>DAY 8/16/17 0600 - 1800</b>		Planning	<b>Jay Lusher</b>
Position	Name	a. Branch I (Dutchman)	
5. Command Staff		Branch Director	<b>Jesse Knox</b>
Incident Commander	<b>Mike Minton</b>	Division/Group A / H	<b>Kim Olson / Aaron Edwards (T)</b>
Deputy	<b>Carlton Joseph</b>	Division/Group L	<b>Brian Keating</b>
Safety Officer	<b>Brian Savage</b>	Division/Group	
Information Officer	<b>Joseph Mazzeo / Erin McKenzie (T)</b>	Division/Group	
Liaison Officer	<b>Rick Alpert / Fred Flores</b>	Division/Group	
6. Agency Representative		b. Branch II (Willie)	
Agency	Name	Branch Director	<b>Don Forsyth / Donovan Lee (T)</b>
Six Rivers NF	<b>Dan Dill</b>	Division/Group M	<b>Jeb Pronto</b>
BLM		Division/Group R	<b>Josh Eichamer / Adam Booth (T)</b>
Cal Fire	<b>Lucas Titus / Rhett Imperiale</b>	Division/Group U	<b>Rob Rice</b>
Trinity Co. Sheriff	<b>Jake Hess</b>	Division/Group Z	<b>Rick Napoles</b>
Trinity Co. DOT	<b>Rick Tippit</b>	Division/Group	
PG&E	<b>Rob Cone</b>	c. Branch III (Suppression / IA Group)	
BLM READ	<b>Sam Flanagan</b>	Branch Director	
Lead READ	<b>Kristen Lark</b>	Division/Group	<b>Mike Tyrrell (T)</b>
READ	<b>Krista Smith</b>	Division/Group	
READ	<b>Doreen Hrivnack</b>	Division/Group	
7. Planning Section		Division/Group	
Chief	<b>Gwen Sanchez / Jason Schillinger</b>	Division/Group	
Deputy		d.	
Resources Unit	<b>Jackie Switzler / Eric Matye / Alan Kalpakoff (T)</b>	Ops Chief Night	
Situation Unit	<b>Tad Morelock / Robert Ashby (T) / Jill Beckman (T)</b>	Division/Group	
Documentation Unit		Division/Group	
Demobilization Unit	<b>Brian McGrath / BJ Corey (T)</b>	Division/Group	
IMET	<b>Matt Mehle</b>	e.	
LTAN	<b>Jeff Shelton</b>	Branch Director	
Training Specialist	<b>Brian Lamphiear</b>	Division/Group	
ITSS	<b>Jim Youngblood / Chris Crowder / Sherry DeGroot (T)</b>	Division/Group	
8. Logistics Section		f. Air Operations Branch	
Chief	<b>Ken Kumpe / Bref Shurr (T)</b>	Air Operations Branch Director	<b>John Keesee</b>
Deputy	<b>Jim Eckroth</b>	Air Support Group Supervisor	<b>Craig Dado</b>
Supply Unit	<b>Michael Bradford</b>	Air Tactical Group Supervisor	
Facilities Unit	<b>Jane Arteaga / Wally Grogan</b>	Helicopter Coordinator	
Ground Support Unit	<b>John Badaracco / Fred Simonds</b>	Air Tanker Coordinator	
Communications Unit	<b>James Lewis</b>	10. Finance Section	
Medical Unit	<b>Robert Russell / Newton Ong (T)</b>	Chief	<b>Theresa Fork</b>
Food Unit	<b>Dennis Durham</b>	Deputy	
Ordering Manager	<b>Kate Morris</b>	Time Unit	<b>Janice Brown</b>
		Personnel Time Recorder	
		Compensation/Claims Unit	<b>Elaine Downing</b>
		Cost Unit	<b>Roger Siemers</b>
		Equipment Time Recorder	<b>Debra Cesmat</b>
		Procurement Unit	<b>Katie Pasini</b>
		Prepared by (Resource Unit Leader) Eric Matye 	



## Ruth Complex Weather Forecast

**FORECAST NO: 5**

**NAME OF FIRE:** Ruth Complex

**PREDICTION FOR:** 0600 Wed - 0600 Thu

**UNIT:** CA-SRF

**SHIFT DATE:** 8/16-8/17

**SIGNED:**

**Incident Meteorologist-** Matt Mehle

**TIME AND DATE**

**FORECAST ISSUED:** 2100 8/15/17

**WEATHER DISCUSSION:** The warming and drying noticed on Tuesday will continue today as high pressure builds and offshore flow develops. Breezy offshore (northeast) winds will be possible early this morning and then gradually become westerly through the day. The morning inversion will likely erode early due to the northeast flow. The warming and drying trend will continue through at least Friday.

**WEATHER FORECAST FOR WEDNESDAY:**

**WEATHER:** Mostly sunny. Smoke near Willie Fire.

**TEMPERATURES:** Max Lower Elevations...85-90F; ridges...81-87F. **24 HR Trend** Up 3 deg

**HUMIDITY:** Min Lower Elevation...17-27%; ridges...25-35%. **24 HR Trend** Down 5%

**SLOPE/VALLEY** - Variable less than 3 mph in the morning becoming Upcanyon / Upslope 3 to 5 mph with gusts to 8 mph .

**RIDGETOP-** North to Northeast less than 3 to 6 mph in the morning becoming west to northwest 5 to 8 mph in the afternoon. Gusts 12 mph in the afternoon.

**INVERSIONS/STABILITY:** Smoke in the valleys through mid-morning mainly near Willie Fire.

**WEATHER FORECAST FOR WEDNESDAY NIGHT:**

**WEATHER:** Mostly clear with any smoke settling into valleys.

**TEMPERATURES:** Min Lower slopes/valleys 55-60F. Ridges 57-63 F **24 HR Trend:** Up 5 deg

**HUMIDITY:** Max Lower slopes...70-90%; Ridges...35-50%. **24 HR Trend:** 5% Drier

**20-FOOT WIND:**

**SLOPE/VALLEY** - Upslope 2-5 with gusts to 7 mph in the evening...becoming downcanyon/downslope to less than 4 mph after 2200.

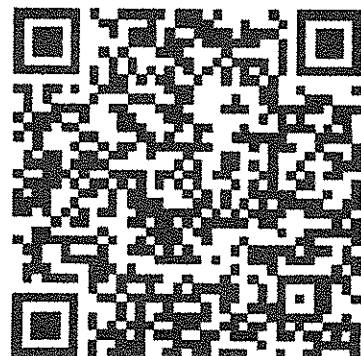
**RIDGETOP** - West to southwest winds 5 to 8 mph with gusts up to 15 mph. mph in the evening...becoming northeast to east 5 to 10 mph gusts up to 13 mph.

**INVERSIONS/STABILITY:** Weaker valley inversions due to a more pronounced NE wind aloft.

**EXTENDED FORECAST:**


**Thursday...** Mostly sunny with areas of smoke. Max temps...80s to mid 90s. Min temps 50s and mid 60s. Min RH 15-30%. West 5 to 15 mph. Strongest over ridges and upper slopes.

**REALTIME RAWS INFO for RUTH COMPLEX**



**SUNSET:** 8:09 PM **SUNRISE:** 6:27 AM

# FIRE BEHAVIOR FORECAST

FORECAST NUMBER: 005	TYPE OF FIRE: Wildfire
FIRE NAME: Ruth Complex	OPERATIONAL PERIOD: 08/16/17 0600-0600
DATE ISSUED: August 15 2017	TIME ISSUED: 20:30
UNIT: CA-SRF-000897	SIGNED: <i>Jeff Shelton</i>  Typed/printed: Jeff Shelton (LTAN)

## INPUTS

**WEATHER SUMMARY:** \*\*\*Hot, Dry and Breezy\*\*\*  
Anticipate hot temperatures and lowering humidity under building high pressure. Aspect based, terrain driven winds exhibit full control during daytime hours. Expect fair to good RH recoveries in the valleys, but only fair recoveries over higher elevations. High pressure stays entrenched over the region until at least through the end of the workweek.

Max. Temperatures- 85-90 degrees Min. Humidity- 20 to 30% Winds- W/NW 5 to 8 mph/Gusts to 12 mph  
Min. Temperatures- 57-63 degrees Max. Humidity-35 to 50% Winds- Becoming NE 4 to 6 mph, gusts to 10

## OUTPUTS

### FIRE BEHAVIOR

#### GENERAL:

- Hot temperatures and lower humidity will expand the burn period!
- With a "PIG" of 90%, **YOU** are an ignition source. Any new start will grow quickly!
- Clear skies, hot days and black ground ....means dust devils! Anticipate potential spots!
- Very dry large fuels (<5%-1000 hr.) will retain heat and fire until engaged or fully consumed!
- Day by day... Fire impacted trees are ***STILL*** continually being weakened by deep seated fire!

#### SPECIFIC:

All Divisions: *Expect the inversion to lift mid-morning and a diurnal wind shift after midnight*

Flame Lengths- 3 to 6 ft. in Grass, Up to 17 ft. in Brush...Diminishing Overnight

Rate of Spread- 20 chains/hour in Grass, Up to 40 chains/hour in Brush... Diminishing Overnight

Spotting Distances- Up to .25 miles in Grass/Brush, Up to .4 miles in Timber (From Torching)

Probability of Ignition- Over 90% at the peak of the burn period, Diminishing to <30% overnight

#### AIR OPERATIONS:

Expect fair to poor smoke dispersion before the inversion breaks by late morning. Mixing heights will lower to ground level overnight. Anticipate terrain induced turbulence in areas with complex terrain; especially during peak hours of afternoon heating.

## SAFETY

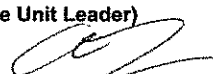
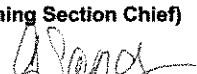
Hope is Not a Tactic!

Understand Hazard Trees- Read IRPG Pages 22 and 23!

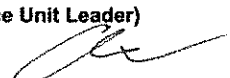
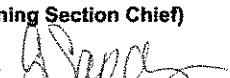
Then

Look Up! Look Down! Look Around!

## Division/Group Assignment List (ICS 204 WF)

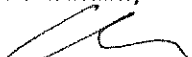
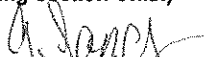
1. Incident Name:			3.			
RUTH COMPLEX			Branch:		Division/Group:	
2. Operational Period: DAY			I DUTCH		A / H	
Date/Time From: 08/16/2017 0600	WED	Date/Time To: 08/16/2017 1800				WED
4. Operations Personnel						
OPERATIONS CHIEF		STEVE BURNS		DIVISION/GROUP SUPERVISOR		
				KIM OLSON AARON EDWARDS (T)		
BRANCH DIRECTOR		JESSE KNOX (T)		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
CREW - T2IA - PAS 06		08/17	DONALD R WEIS	20	ICP/0600	ICP/1800
ENGINE - T3 - MDF 34		08/28	KORY BOWSER	5	ICP/0600	ICP/1800
DOZER - T2 - LONESTAR		08/21	JULIO COTA	2	ICP/0600	ICP/1800
WT - TACTICAL - T2 - LNF 1		08/28	MARCUS PACHECO	2	ICP/0600	ICP/1800
HEQB		08/15	MIKE PETRUNCIO	1	ICP/0600	ICP/1800
6. Control Operations/Work Assignments:						
Task: Patrol and mop up fire edge to prevent possible escape. Determine repair needs and time lines.						
Purpose: Reduce threats to VAR including private land, infrastructure, cultural and natural resources, and active timber sales.						
End State: Values not threatened due to fire containment.						
7. Special Instructions:						
* SOF2 Larry Swan and SOFR (T) Steve Matsuura will be covering all branches and divisions of the RUTH COMPLEX.						
** FEMP Matthew Patterson and FEMT Mike Watner are assigned to Branch I.						
8. Division/Group Communication Summary						
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode
COMMAND	1	170.4750		165.7500	*SEE COMM PLAN	
TACTICAL	12	166.7250		166.7250	TONE 13 (141.3)	N
AIR TO GROUND CMD	5	172.6750		172.6750		N
AIR TO GROUND TAC	6	170.0500		170.0500		
AIR GUARD	16	168.6250		168.6250	TONE 1 TX 110.9	
CALCORD	8	156.0750	TONE 6 RX 156.7	156.0750	TONE 6 TX 156.7	
9. Prepared By (Resource Unit Leader)			Approved By (Planning Section Chief)		Date	Time
ALLAN KALPAKOFF 			GWEN SANCHEZ 		08/15/2017	2100

## Division/Group Assignment List (ICS 204 WF)



<b>1. Incident Name:</b>				<b>3.</b>			
RUTH COMPLEX				<b>Branch:</b>		<b>Division/Group:</b>	
<b>2. Operational Period:</b> DAY				<b>I DUTCH</b>		<b>L</b>	
Date/Time From: 08/16/2017 0600 WED		Date/Time To: 08/16/2017 1800 WED					
<b>4. Operations Personnel</b>							
<b>OPERATIONS CHIEF</b>		STEVE BURNS		<b>DIVISION/GROUP SUPERVISOR</b>		BRIAN KEATING	
<b>BRANCH DIRECTOR</b>		JESSE KNOX (T)		<b>AIR ATTACK SUPERVISOR</b>			
<b>5. Resources Assigned this Period</b>							
Strike Team / Task Force / Resource Designator		LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time	
CREW - T2 - GRIZZLY C-7		08/16	MAX MARSHAL (T)	20	ICP/0600	ICP/1800	
CREW - T2 - GRIZZLY C-11		08/26	SOLIZE ORTIZ	20	ICP/0600	ICP/1800	
DOZER - T2 - ZABEL		08/23	FRANK ZABEL	3	ICP/0600	ICP/1800	
MAST - T1 - NORTHSTATE		08/27	TANNER PARKS	2	ICP/0600	ICP/1800	
<b>6. Control Operations/Work Assignments:</b>							
Task: Patrol and mop up fire edge to prevent possible escape. Determine repair needs and time lines.							
Purpose: Reduce threats to VAR including private land, infrastructure, cultural and natural resources, and active timber sales.							
End State: Values not threatened due to fire containment.							
<b>7. Special Instructions:</b>							
* SOF2 Larry Swan and SOFR (T) Steve Matsuura will be covering all branches and divisions of the RUTH COMPLEX.							
** FEMP Matthew Patterson and FEMT Mike Watner are assigned to Branch I.							
<b>8. Division/Group Communication Summary</b>							
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode	
COMMAND	1	170.4750		165.7500	*SEE COMM PLAN		
TACTICAL	13	168.2500		168.2500			
AIR TO GROUND CMD	5	172.6750		172.6750			
AIR TO GROUND TAC	6	170.0500		170.0500		N	
AIR GUARD	16	168.6250		168.6250	TONE 1 TX 110.9		
CALCORD	8	156.0750	TONE 6 RX 156.7	156.0750	TONE 6 TX 156.7		
<b>9. Prepared By (Resource Unit Leader)</b>			<b>Approved By (Planning Section Chief)</b>			<b>Date</b>	<b>Time</b>
ALLAN KALPAKOFF 			GWEN SANCHEZ 			08/15/2017	2100





## Division/Group Assignment List (ICS 204 WF)

<b>1. Incident Name:</b>			<b>3.</b>			
RUTH COMPLEX			<b>Branch:</b>		<b>Division/Group:</b>	
<b>2. Operational Period:</b> DAY			<b>II WILLIE</b>		<b>M</b>	
Date/Time From: 08/16/2017 0600 WED		Date/Time To: 08/16/2017 1800 WED				
<b>4. Operations Personnel</b>						
<b>OPERATIONS CHIEF</b>		STEVE BURNS		<b>DIVISION/GROUP SUPERVISOR</b>		JEB PRONTO
<b>BRANCH DIRECTOR</b>		DON FORSYTH DONOVAN LEE (T)		<b>AIR ATTACK SUPERVISOR</b>		
<b>5. Resources Assigned this Period</b>						
Strike Team / Task Force / Resource Designator		LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time
CREW - T1 - AMERICAN RIVER IHC		08/19	MATTHEW RADTKE	21	RUTH SPIKE/0600	RUTH SPIKE/1800
CREW - T1 - MENDOCINO IHC		08/26	CHRISTOPHER R MARKEY	20	RUTH SPIKE/0600	RUTH SPIKE/1800
<b>6. Control Operations/Work Assignments:</b>						
<p><b>Task:</b> Implement direct control lines to minimize fire spread.</p> <p><b>Purpose:</b> Reduce threats to VAR including private land, infrastructure, cultural and natural resources, and active timber sales and wilderness character.</p> <p><b>End State:</b> Values not threatened due to fire containment. MIST is utilized in wilderness areas.</p>						
<b>7. Special Instructions:</b>						
* SOF2 Larry Swan and SOFR (T) Steve Matsuura will be covering all branches and divisions of the RUTH COMPLEX.						
<b>8. Division/Group Communication Summary</b>						
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode
COMMAND	1	170.4750		165.7500	*SEE COMM PLAN	
TACTICAL	9	168.0500		168.0500		
AIR TO GROUND CMD	5	172.6750		172.6750		
AIR TO GROUND TAC	6	170.0500		170.0500		
AIR GUARD	16	168.6250		168.6250	TONE 1 TX 110.9	
CALCORD	8	156.0750	TONE 6 RX 156.7	156.0750	TONE 6 TX 156.7	
<b>9. Prepared By (Resource Unit Leader)</b>			<b>Approved By (Planning Section Chief)</b>		<b>Date</b>	<b>Time</b>
ALLAN KALPAKOFF 			GWEN SANCHEZ 		08/15/2017	2100



## Division/Group Assignment List (ICS 204 WF)

<b>1. Incident Name:</b>			<b>3.</b>			
RUTH COMPLEX			<b>Branch:</b>		<b>Division/Group:</b>	
<b>2. Operational Period:</b> DAY			<b>II WILLIE</b>		<b>R</b>	
Date/Time From: 08/16/2017 0600 WED		Date/Time To: 08/16/2017 1800 WED				
<b>4. Operations Personnel</b>						
<b>OPERATIONS CHIEF</b>		STEVE BURNS		<b>DIVISION/GROUP SUPERVISOR</b>		JOSH EICHAMER ADAM BOOTH (T)
<b>BRANCH DIRECTOR</b>		DON FORSYTH DONOVAN LEE (T)		<b>AIR ATTACK SUPERVISOR</b>		
<b>5. Resources Assigned this Period</b>						
Strike Team / Task Force / Resource Designator		LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time
CREW - T1 - TRUCKEE IHC		08/19	BOBBY F HUBBY	18	RUTH SPIKE/0600	RUTH SPIKE/1800
CREW T1 BLACK MOUNTAIN IHC		08/23	PAMELA MESSAL	20	RUTH SPIKE/0600	RUTH SPIKE/1800
CREW - T1 - MAD RIVER IHC		08/19	TAD HAIR	18	RUTH SPIKE/0600	RUTH SPIKE/1800
CREW - T2IA - FIRESTORM C-26		08/24	RICK SANDIDGE	20	RUTH SPIKE/0600	RUTH SPIKE/1800
ENGINE - T3 - PSF 391		08/19	ELSWORTH		RUTH SPIKE/0600	RUTH SPIKE/1800
ENGINE - T3 - ENF 334		08/22	LANI BROWN	5	RUTH SPIKE/0600	RUTH SPIKE/1800
ENGINE - T3 - TDOX 21		08/16	BRANDON BRADY	1	RUTH SPIKE/0600	RUTH SPIKE/1800
DOZER - T2 - SRF 4		08/20	JAY DILLON	2	RUTH SPIKE/0600	RUTH SPIKE/1800
WT - T2 - LET-ER-BUCK E-83		08/26	TIM LANG	1	RUTH SPIKE/0600	RUTH SPIKE/1800
WT - TACTICAL - T1 - OES 32		08/28	TONY BALBIANI	2	RUTH SPIKE/0600	RUTH SPIKE/1800
WT - T2 - DARRAH LOGGING E-84		08/27	COREY PRESTON	1	RUTH SPIKE/0600	RUTH SPIKE/1800
WT - TACTICAL - T2 - SNF 1		08/28	OMAR ARCE	2	RUTH SPIKE/0600	RUTH SPIKE/1800
WT - TACTICAL - T2 - LPF 5		08/23	LUIS TORRES	2	RUTH SPIKE/0600	RUTH SPIKE/1800
FALM - GOD AND COUNTRY		08/26	TRAVIS BARNEY	2	RUTH SPIKE/0600	RUTH SPIKE/1800
HEQB (T)			JOSEPH MCKENNA	1	RUTH SPIKE/0600	RUTH SPIKE/1800
FEMT		08/29	DANNY CONNELLY	1	RUTH SPIKE/0600	RUTH SPIKE/1800
FEMT			SHAWN OLSON	1	RUTH SPIKE/0600	RUTH SPIKE/1800
<b>8. Division/Group Communication Summary</b>						
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode
COMMAND	1	170.4750		165.7500	*SEE COMM PLAN	
TACTICAL	10	168.6000		168.6000		
AIR TO GROUND CMD	5	172.6750		172.6750		
AIR TO GROUND TAC	6	170.0500		170.0500		
AIR GUARD	16	168.6250		168.6250	TONE 1 TX 110.9	
CALCORD	8	156.0750	TONE 6 RX 156.7	156.0750	TONE 6 TX 156.7	
<b>9. Prepared By (Resource Unit Leader)</b>			<b>Approved By (Planning Section Chief)</b>		<b>Date</b>	<b>Time</b>
ALLAN KALPAKOFF 			GWEN SANCHEZ 		08/15/2017	2100

## Division/Group Assignment List (ICS 204 WF)

1. Incident Name:			3.			
RUTH COMPLEX			Branch:  <b>II WILLIE</b>		Division/Group:  <b>R</b>	
2. Operational Period: DAY						
Date/Time From: 08/16/2017 0600 WED		Date/Time To: 08/16/2017 1800 WED				
4. Operations Personnel						
OPERATIONS CHIEF		STEVE BURNS		DIVISION/GROUP SUPERVISOR		
				JOSH EICHAMER ADAM BOOTH (T)		
BRANCH DIRECTOR		DON FORSYTH DONOVAN LEE (T)		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
6. Control Operations/Work Assignments:						
<p><b>Task:</b> Implement direct control lines to minimize fire spread.</p> <p><b>Purpose:</b> Reduce threats to VAR including private land, infrastructure, cultural and natural resources, and active timber sales and wilderness character.</p> <p><b>End State:</b> Values not threatened due to fire containment. MIST is utilized in wilderness areas.</p>						
7. Special Instructions:						
<p>* SOF2 Larry Swan and SOFR (T) Steve Matsuura will be covering all branches and divisions of the RUTH COMPLEX.</p> <p>*** If fire moves into the area southeast of the fire do not engage personnel due to hazardous material threat.**</p>						
8. Division/Group Communication Summary						
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode
COMMAND	1	170.4750		165.7500	*SEE COMM PLAN	
TACTICAL	10	168.6000		168.6000		
AIR TO GROUND CMD	5	172.6750		172.6750		
AIR TO GROUND TAC	6	170.0500		170.0500		
AIR GUARD	16	168.6250		168.6250	TONE 1 TX 110.9	
CALCORD	8	156.0750	TONE 6 RX 156.7	156.0750	TONE 6 TX 156.7	
9. Prepared By (Resource Unit Leader)			Approved By (Planning Section Chief)		Date	Time
ALLAN KALPAKOFF 			GWEN SANCHEZ 		08/15/2017	2100



## Division/Group Assignment List (ICS 204 WF)

<b>1. Incident Name:</b>			<b>3.</b>			
RUTH COMPLEX			<b>Branch:</b>		<b>Division/Group:</b>	
<b>2. Operational Period:</b> DAY			<b>II WILLIE</b>		<b>U</b>	
Date/Time From: 08/16/2017 0600 WED		Date/Time To: 08/16/2017 1800 WED				
<b>4. Operations Personnel</b>						
<b>OPERATIONS CHIEF</b> STEVE BURNS		<b>DIVISION/GROUP SUPERVISOR</b> ROB RICE				
<b>BRANCH DIRECTOR</b> DON FORSYTH DONOVAN LEE (T)		<b>AIR ATTACK SUPERVISOR</b>				
<b>5. Resources Assigned this Period</b>						
Strike Team / Task Force / Resource Designator		LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time
CREW - T1 - UKONOM IHC		08/20	NATE NELMS	19	RUTH SPIKE /0600	RUTH SPIKE/1800
CREW - T1 - REDDING IHC		08/25	DANIEL MALLIA	19	RUTH SPIKE /0600	RUTH SPIKE/1800
ENGINE S/T - T3 - CNF 6631C		08/23	MARVIN VOLRIE	27	RUTH SPIKE /0600	RUTH SPIKE/1800
WT - T2 - WATER TRUCK ENTERPRISES		08/22	RUBEN TELLECHEA	1	RUTH SPIKE /0600	RUTH SPIKE/1800
WT - T2 - DARRAH LOGGING			DAVE KAUNDAST	1	RUTH SPIKE /0600	RUTH SPIKE/1800
FALM VOLCANO CREEK		08/26	TOM O'DONNELL	2	RUTH SPIKE /0600	RUTH SPIKE/1800
FEMP		08/26	ERIC KENNEDY	1	RUTH SPIKE /0600	RUTH SPIKE/1800
FEMT		08/26	DAVE MONCADA	1	RUTH SPIKE /0600	RUTH SPIKE/1800
<b>6. Control Operations/Work Assignments:</b>						
Task: Implement direct control lines to minimize fire spread.						
Purpose: Reduce threats to VAR including private land, infrastructure, cultural and natural resources, and active timber sales and wilderness character.						
End State: Values not threatened due to fire containment. MIST is utilized in wilderness areas.						
<b>7. Special Instructions:</b>						
* SOF2 Larry Swan and SOFR (T) Steve Matsuura will be covering all branches and divisions of the RUTH COMPLEX.						
<b>8. Division/Group Communication Summary</b>						
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode
COMMAND	1	170.4750		165.7500	SEE COMM PLAN	
TACTICAL	11	168.2375		168.2375	TONE 13 (141.3)	
AIR TO GROUND CMD	5	172.6750		172.6750		
AIR TO GROUND TAC	6	170.0500		170.0500		
AIR GUARD	16	168.6250		168.6250	TONE 1 TX 110.9	
CALCORD	8	156.0750	TONE 6 RX 156.7	156.0750	TONE 6 TX 156.7	
<b>9. Prepared By (Resource Unit Leader)</b>			<b>Approved By (Planning Section Chief)</b>		<b>Date</b>	<b>Time</b>
ALLAN KALPAKOFF 			GWEN SANCHEZ 		08/15/2017	2100



## Division/Group Assignment List (ICS 204 WF)

<b>1. Incident Name:</b>			<b>3.</b>			
RUTH COMPLEX			<b>Branch:</b>		<b>Division/Group:</b>	
<b>2. Operational Period:</b> DAY			<b>II WILLIE</b>		<b>Z</b>	
Date/Time From: 08/16/2017 0600      WED		Date/Time To: 08/16/2017 1800      WED				
<b>4. Operations Personnel</b>						
<b>OPERATIONS CHIEF</b> STEVE BURNS		<b>DIVISION/GROUP SUPERVISOR</b> RICK NAPOLES				
<b>BRANCH DIRECTOR</b> DON FORSYTH DONOVAN LEE (T)		<b>AIR ATTACK SUPERVISOR</b>				
<b>5. Resources Assigned this Period</b>						
Strike Team / Task Force / Resource Designator	LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time	
CREW - T2IA - PA5	08/17	FRANCIS N CHADICK	20	RUTH SPIKE/0600	RUTH SPIKE/1800	
ENGINE S/T - T3 - LNF 3615C	08/25	DEBBIE MAYER		RUTH SPIKE/0600	RUTH SPIKE/1800	
ENGINE - T3 - AZ - WML 911	08/18	JERRY MCGROW	3	RUTH SPIKE/0600	RUTH SPIKE/1800	
ENGINE - T3 - PINION PINE FIRE DIST		RON HOOD	4	RUTH SPIKE/0600	RUTH SPIKE/1800	
DOZER - T2 - KEN'S	08/25	BARNEY COOK	1	RUTH SPIKE/0600	RUTH SPIKE/1800	
WT - TACTICAL - T2 - ENF 235	08/28	BEN J DUFFLE	2	RUTH SPIKE/0600	RUTH SPIKE/1800	
WT - T2 - DARRAH E-6				RUTH SPIKE/0600	RUTH SPIKE/1800	
HEQB	08/16	NANCY CURRAN	1	RUTH SPIKE/0600	RUTH SPIKE/1800	
<b>8. Division/Group Communication Summary</b>						
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode
COMMAND	1	170.4750		165.7500	*SEE COMM PLAN	
TACTICAL	2	166.7750		166.7750	TONE 13 (141.3)	
AIR TO GROUND CMD	5	172.6750		172.6750		
AIR TO GROUND TAC	6	170.0500		170.0500		
AIR GUARD	16	168.6250		168.6250	TONE 1 TX 110.9	
CALCORD	8	156.0750	TONE 6 RX 156.7	156.0750	TONE 6 TX 156.7	
<b>9. Prepared By (Resource Unit Leader)</b>		<b>Approved By (Planning Section Chief)</b>		<b>Date</b>	<b>Time</b>	
ALLAN KALPAKOFF		GWEN SANCHEZ		08/15/2017	2100	

## Division/Group Assignment List (ICS 204 WF)

1. Incident Name:			3.			
RUTH COMPLEX			Branch:  <b>II WILLIE</b>		Division/Group:  <b>Z</b>	
2. Operational Period: DAY						
Date/Time From: 08/16/2017 0600 WED		Date/Time To: 08/16/2017 1800 WED				
4. Operations Personnel						
OPERATIONS CHIEF		STEVE BURNS		DIVISION/GROUP SUPERVISOR		
BRANCH DIRECTOR		DON FORSYTH DONOVAN LEE (T)		RICK NAPOLES		
				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
6. Control Operations/Work Assignments:						
<p><b>Task:</b> Implement direct control lines to minimize fire spread.</p> <p><b>Purpose:</b> Reduce threats to VAR including private land, infrastructure, cultural and natural resources, and active timber sales and wilderness character.</p> <p><b>End State:</b> Values not threatened due to fire containment. MIST is utilized in wilderness areas.</p>						
7. Special Instructions:						
<p>* SOF2 Larry Swan and SOFR (T) Steve Matsuura will be covering all branches and divisions of the RUTH COMPLEX.</p> <p>*** If fire moves into the area southeast of the fire do not engage personnel due to hazardous material threat.**</p>						
8. Division/Group Communication Summary						
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode
COMMAND	1	170.4750		165.7500	*SEE COMM PLAN	
TACTICAL	2	166.7750		166.7750	TONE 13 (141.3)	
AIR TO GROUND CMD	5	172.6750		172.6750		
AIR TO GROUND TAC	6	170.0500		170.0500		
AIR GUARD	16	168.6250		168.6250	TONE 1 TX 110.9	
CALCORD	8	156.0750	TONE 6 RX 156.7	156.0750	TONE 6 TX 156.7	
9. Prepared By (Resource Unit Leader)			Approved By (Planning Section Chief)		Date	Time
ALLAN KALPAKOFF 			GWEN SANCHEZ 		08/15/2017	2100

## Division/Group Assignment List (ICS 204 WF)

<b>1. Incident Name:</b>				<b>3.</b>			
RUTH COMPLEX				<b>Branch:</b>		<b>Division/Group:</b>	
<b>2. Operational Period:</b> DAY				<b>III</b>		<b>SUP / IA</b>	
Date/Time From: 08/16/2017 0600 WED		Date/Time To: 08/16/2017 1800 WED					
<b>4. Operations Personnel</b>							
<b>OPERATIONS CHIEF</b>		STEVE BURNS		<b>DIVISION/GROUP SUPERVISOR</b>		MIKE TYRRELL	
<b>BRANCH DIRECTOR</b>				<b>AIR ATTACK SUPERVISOR</b>			
<b>5. Resources Assigned this Period</b>							
Strike Team / Task Force / Resource Designator		LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time	
CREW - T2 - FORTUNA 22		08/24	MIKE CARTER, JOSH MCNULTY (T)	20	ICP/0600	ICP/1800	
ENGINE - T3 - AZ - PST		08/17			ICP/0600	ICP/1800	
ENGINE - T3 - DAISY 146		08/20	NATE GALLIGAN	4	ICP/0600	ICP/1800	
ENGINE - T3 - SRF 342		08/21			ICP/0600	ICP/1800	
ENGINE - T3 - SRF 343		08/21			ICP/0600	ICP/1800	
ENGINE - T3 - CLCX 30		08/18	JESSE SIRI	3	ICP/0600	ICP/1800	
ENGINE - T4 - GREAT BASIN 34		08/17	SEAN ERSKINE	3	ICP/0600	ICP/1800	
WT - T2 - SRF 245				2	ICP/0600	ICP/1800	
<b>6. Control Operations/Work Assignments:</b>							
Task: Patrol additional fires in complex.							
Purpose: Reduce threats to VAR.							
End State: Values are not threatened due to fire containment.							
<b>7. Special Instructions:</b>							
* SOF2 Larry Swan and SOFR (T) Steve Matsuura will be covering all branches and divisions of the RUTH COMPLEX.							
<b>8. Division/Group Communication Summary</b>							
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode	
COMMAND	1	170.4750		165.7500	*SEE COMM PLAN		
TACTICAL	7	168.2000		166.2000	TONE 13 (141.3)		
AIR TO GROUND TAC	6	170.0500		170.0500			
AIR TO GROUND CMD	5	172.6750		172.6750			
AIR GUARD	16	168.6250		168.6250	TONE 1 (TX110.9)		
CALCORD	8	156.0750	TONE 6 (156.7)	156.0750	TONE 6 (156.7)		
<b>9. Prepared By (Resource Unit Leader)</b>			<b>Approved By (Planning Section Chief)</b>			<b>Date</b>	<b>Time</b>
ALLAN KALPAKOFF 			GWEN SANCHEZ 			08/15/2017	2100

# AIR OPERATIONS SUMMARY

OPERATIONAL PERIOD DATE: DAY SHIFT DATE: 08/16/17

START: 0800 END: 2000

(Expanded Form for Large Operations)

1. INCIDENT NAME: <b>Ruth Complex</b>	2. PREPARED BY: John Keesee <i>JK</i>	3. Prepared 08/15/17 2130 hrs
4. REMARKS (Safety Notes, Hazards, Air Operations Special Equipment, etc.): <b>STEEP SMOKEY CONDITIONS, OTHER FIRES, OTHER AIRCRAFT COULD FLY IN OUR AREA All Helicopter dropping missions request through Air Attack</b>		5. TFR: 7/6607  Freq. 120.025
All GPS data to be collected (degrees, minutes & decimal minutes) ** Avoid aerial application of retardant or foam within 300' of waterways, bodies of water. If retardant is dropped within these areas, notify AOB with Lat & Long, est. of gallons, and a map. <b>TRACK RETARDANT DROP LOCATIONS</b>		

6. PERSONNEL	Phone	FREQUENCIES	AM	FM	8. FIXED-WING # Avail / Type/ Make-Model / FAA # / Base(s)
AOBD: John Keesee	805-551-6422	AIR/AIR FW:		166.9125	Air Tactical: AA 05
ATGS: Derrick Wheeler	530-355-3274	AIR/AIR RW:	120.025		Lead planes: As requested Based on Availability
H/CO: H/CO:		A/G Command: A/G Tactical:		172.6750 170.0500	Airtankers: As requested Based on Availability
ASGS: Craig Dado	530-518-6688	DECK:		163.100	Other:
HEBM: Tyler Detrick	530-925-9668 925-588-6697	COMMAND:	See Comm Plan		
		AIR GUARD		168.6250 Tx tone 1, 110.9	
		TOLC			

9. HELICOPTERS (Use Additional Sheets As Necessary)

FAA #	TY	MAKE/MODEL	BASE	AVAIL	START	REMARKS	FAA #	TY	MAKE/MODEL	BASE	AVAIL	START	REMARKS
6CK	1	S-61	Dinsmor	1000	0900								
917	1	S-61	Dinsmor	1000	0900								
9SB	1	S-54	Orland	1000	0900								
2HT	1	S-54	Redding	1000	0900								
4TH	1	K-Max	Dinsmor	1000	0900								
5TK	2	Bell 205	Dinsmor	1000	0900								
506	2	Bell 205	Dinsmor	1000	0900								
14HX	3	Bell 407	Dinsmor	1000	0900								
0VR	3	A-Star	Dinsmor	1000	0900								
8PA	3	A-Star	Dinsmor	1000	0900	Short Haul							



# SAFETY MESSAGE

Ruth Complex CA-SRF-000897

Day Shift

08/16/17

0600-1800

## MAJOR HAZARDS:

- Driving
- Hazard Trees
- Dehydration, Heat Stress, and Fatigue
- Air Operations

## Fire Order of the Day – Give Clear instructions and be sure they are understood.

- **Aggressive Risk Management** is our primary means of maintaining safe wildland fire operations. Consistently evaluate fireline tactics and do not hesitate to adjust tactics as environmental and human factor conditions change – **Review Risk Management Process in IRPG, page 1.**
- **Dehydration, Heat Stress, and Fatigue** - Constantly monitor your water and electrolyte intake to avoid dehydration. Dehydration, long work hours, and high temperatures all impact fatigue. Maintain the work to rest ratio, 2:1.
- **Air operations**- Multiple aircraft, visibility, bucket drops and communication. Is your aircraft mission that you requested necessary? If so, are all of the hazards identified and known to all?

## Hazardous Tree Indicators:

It's important to identify the hazardous trees in your work area before engaging.

- Strong winds
- Night Operations
- Steep Slopes
- Disease or bug-kill timber
- Trees and duff have been burning for an extended period
- High-risk tree species
- Numerous down trees
- Dead or broken tops and limbs overhead
- Accumulation of downed limbs
- Leaning or hung-up trees
- Look up, Look Down, Look Around
- After identifying the hazard trees: look for hazard control measures to mitigate your risks. IRPG pgs. 22 & 23

## Driving & Fatigue

- Fatigue can cause us to mentally stray from the driving task. The roads on the Six Rivers National Forest are very unforgiving.
- It only takes a second of distraction to lose control of our vehicle. The faster you are traveling, the faster you get in trouble.
- Make sure you recognize when you are too tired to drive!
- Don't tough it out and put yourself and your passengers at risk!
- Slow down, take breaks, and talk to your passengers. If possible, keep an alert passenger in the front seat next to you. Know your limits.
- Follow posted speed limits or slower: 25 MPH through Ruth & other communities, wear your seat belt & watch for wildlife, children, and cows.

Safety Officer Brian Savage



Ruth Complex CA-SRF-000897 - Wednesday, August 16, 2017

8. Location	9. Hazard	6. Control or Abatement Action (Engineering, Administrative, PPE, Avoidance, Education, etc)
All	Driving & Traffic	<ul style="list-style-type: none"> <li>~ Practice "Defensive Driving" techniques traveling on all roads and city streets, mitigation strategy includes:</li> <li>~ Use spotters when backing</li> <li>~ Honk horn to alert personnel when backing</li> <li>~ Always use headlights</li> <li>~ Yield to pedestrians and bicycles</li> <li>~ Observe posted speed limits</li> <li>~ Follow 3 second rule of following distance when driving</li> <li>~ Use chock blocks, turn wheels into hill</li> <li>~ Seat Belts are mandatory</li> <li>~ No texting while driving</li> </ul>
All	Air Operations	<ul style="list-style-type: none"> <li>~ Follow "Aviation Watch-Out Situations" in IRPG.</li> <li>~ Don't plan exclusively on air resources for medical transport or resupply. Visibility may be impaired. Have a backup plan.</li> <li>~ Refer to IRPG for directing bucket drops.</li> <li>~ Ensure positive communication with all air resources.</li> <li>~ Keep personnel out of drop zones.</li> <li>~ Use clear concise statements when directing aircraft. Use clock directions from pilot's perspective.</li> </ul>
All	Hazard trees	<ul style="list-style-type: none"> <li>~ Follow "Hazard Tree Safety" guidelines, IRPG (2014) page 22&amp;23</li> <li>~ Post lookouts, or use a spotter in mop-up areas with personnel</li> <li>~ Don't park vehicles or take breaks in high concentrations of hazard trees</li> <li>~ Establish trigger points for disengagement during high wind events</li> <li>~ Post road guards when appropriate</li> <li>~ Do not fall snags at night</li> <li>~ Be Aware of Douglas Fir green trees that have root rot and may fall unexpectedly</li> </ul>
All	Severe Weather	<ul style="list-style-type: none"> <li>~ Review and follow Thunderstorm Safety guidelines in IRPG (2014) pg. 21</li> <li>~ Observe 30/30 Rule for lightning safety, IRPG (2014) pg. 21</li> <li>~ "Trigger Points" to withdraw should be set by supervisors utilizing the 30/30 criteria mentioned above and ensure all know rally site</li> <li>~ Use "Risk Management" process to determine retreat criteria and actions</li> <li>~ Carry rain gear and extra food and water if weather limits retreat to ICP</li> <li>~ Post lookouts, listen for weather updates by (IMET)</li> <li>~ Stay out of dry creek beds and gullies during rain/hail/lightning events</li> <li>~ Avoid walking in areas with rock, and loose debris during storm events</li> </ul>
All	Fireline Hazards	<ul style="list-style-type: none"> <li>~ Do not work directly above or below personnel during mop-up operations</li> <li>~ Watch for falling and rolling debris on steep slopes</li> <li>~ Alert crew personnel of rolling debris by yelling to affected individuals</li> <li>~ Position debris that could roll vertically on slope</li> <li>~ Watch for weakened trees that may pose danger or fall</li> <li>~ Scout areas for mop up prior to work</li> <li>~ Identify burning stumps that have roots affected by fire and may cave in</li> <li>~ Wear appropriate PPE correctly</li> <li>~ Use correct tool for task assigned</li> </ul>

All	Heavy Equipment Operations	<ul style="list-style-type: none"> <li>~ Ensure communications are established with operators</li> <li>~ Use hand signals if other communications are unavailable</li> <li>~ Maintain a 50'-100' exclusion area around equipment</li> <li>~ Use a spotter when backing</li> </ul>
All	Night Operations	<ul style="list-style-type: none"> <li>~ Maintain high visibility in work area and wear vest while in roadway.</li> <li>~ Use glow sticks to mark hazards.</li> <li>~ Ensure personnel have a personal light (headlamp)</li> <li>~ Watch for signs of fatigue</li> <li>~ Take breaks away from areas of known hazards</li> </ul>
All	Heat Related Illness (HRI) & Dehydration	<ul style="list-style-type: none"> <li>~ Drink Fluids throughout operational period</li> <li>~ Use buddy system to monitor personnel of heat related and fatigue issues</li> <li>~ Follow work / rest guidelines</li> <li>~ Take Frequent breaks, minimum of 10 minutes every hour</li> <li>~ Recognize symptoms of HEAT RELATED ILLNESS which include <ul style="list-style-type: none"> <li>o Lack of energy</li> <li>o Headaches, dizziness</li> <li>o Lack of rest</li> <li>o No hunger, poor eating habits</li> <li>o Hot skin, and lack of sweating</li> </ul> </li> </ul>
All	Communications	<ul style="list-style-type: none"> <li>~ Maintain communication with aviation resources, and suppression organization.</li> <li>~ Ensure all know frequency and protocol for contacting resources</li> <li>~ Utilize the ICS 205</li> </ul>
All	Environmental Hazards	<ul style="list-style-type: none"> <li>~ Be alert for snakes, watch footing and hand placement around rocks</li> <li>~ Check yourself for ticks, watch for bees and other insects that bite</li> <li>~ Be alert for bears, cougars, and other wildlife</li> <li>~ Poisonous plants - identify plants and avoid; Change and wash clothing and shower frequently</li> <li>~ Be alert for potential illegal marijuana grows and the dangers associated with those operations</li> </ul>
All	Steep Terrain & Rolling Debris	<ul style="list-style-type: none"> <li>~ Maintain 8'-10' spacing when working &amp; walking</li> <li>~ Don't work directly above any personnel</li> <li>~ Evaluate necessity to send personnel in areas with limited access</li> </ul> <p>Maintain Situation Awareness by identify hazards . Alert all personnel of new hazards and identify</p>

**INCIDENT RADIO COMMUNICATIONS PLAN**

		1. Incident Name		2. Date Time Prepared		3. Operational Period Date/Time		
		Ruth Complex		8/15/2017 0:00		DAY 0600 - 1800 8/16/2017		
Radio Type	CH #	Function	Frequency	Tone/NAC	Mode	TGID	Assignment	Remarks
	1	Command Forest Admin	RX: 170.4750 TX: 165.7500		N		All Divs	Tone 6 (Tx-156.7) Horse Ridge Tone 9 (Tx-100.0) Kettenpon
	2	Tac 2	RX: 166.7750 TX: 166.7750	141.3	N		DIV Z	Tone 13 (141.3)
	3	R5 TAC 5	RX: 167.1125 TX: 167.1125	141.3	N		Staging	Tone 13 (141.3)
	4	Tac R5 Project	RX: 168.6625 TX: 168.6625		N		Burn Project	
	5	Air/Ground Command	RX: 172.6750 TX: 172.6750		N		All DIVS	
	6	Air / Ground Tactical	RX: 170.0500 TX: 170.0500		N		All DIVS	
	7	Initial Attack	RX: 168.2000 TX: 168.2000	141.3	N		SUP/IA	Tone 13 (141.3)
	8	CALCORD	RX: 156.0750 TX: 156.0750	156.7	N		EMERGENCY ALL DIVISIONS	Tone 6 (156.7) Tone 6 (156.7)
	9	NIFC Tac 1	RX: 168.0500 TX: 168.0500	141.3	N		DIV M	Tone 13 (141.3)
	10	NIFC Tac 3	RX: 168.6000 TX: 168.6000	141.3	N		DIV R	Tone 13 (141.3)
	11	R5 TAC 6	RX: 168.2375 TX: 168.2375	141.3	N		DIV U	Tone 13 (141.3)
	12	NIFC Tac 5	RX: 166.7250 TX: 166.7250	141.3	N		DIV A/H	Tone 13 (141.3)
	13	NIFC Tac 7	RX: 168.2500 TX: 168.2500	141.3	N		DIV L	Tone 13 (141.3)
	14	NITE OP	RX: 168.0500 TX: 168.0500	141.3	N		NIGHT OPS ALL DIV TAC	Tone 13 (141.3)
	15		RX: TX:					
	16	Air Guard	RX: 168.6250 TX: 168.6250	110.9	N			Tone 1 (Tx110.9)


5. Prepared by (Communications Unit)  
J Lewis

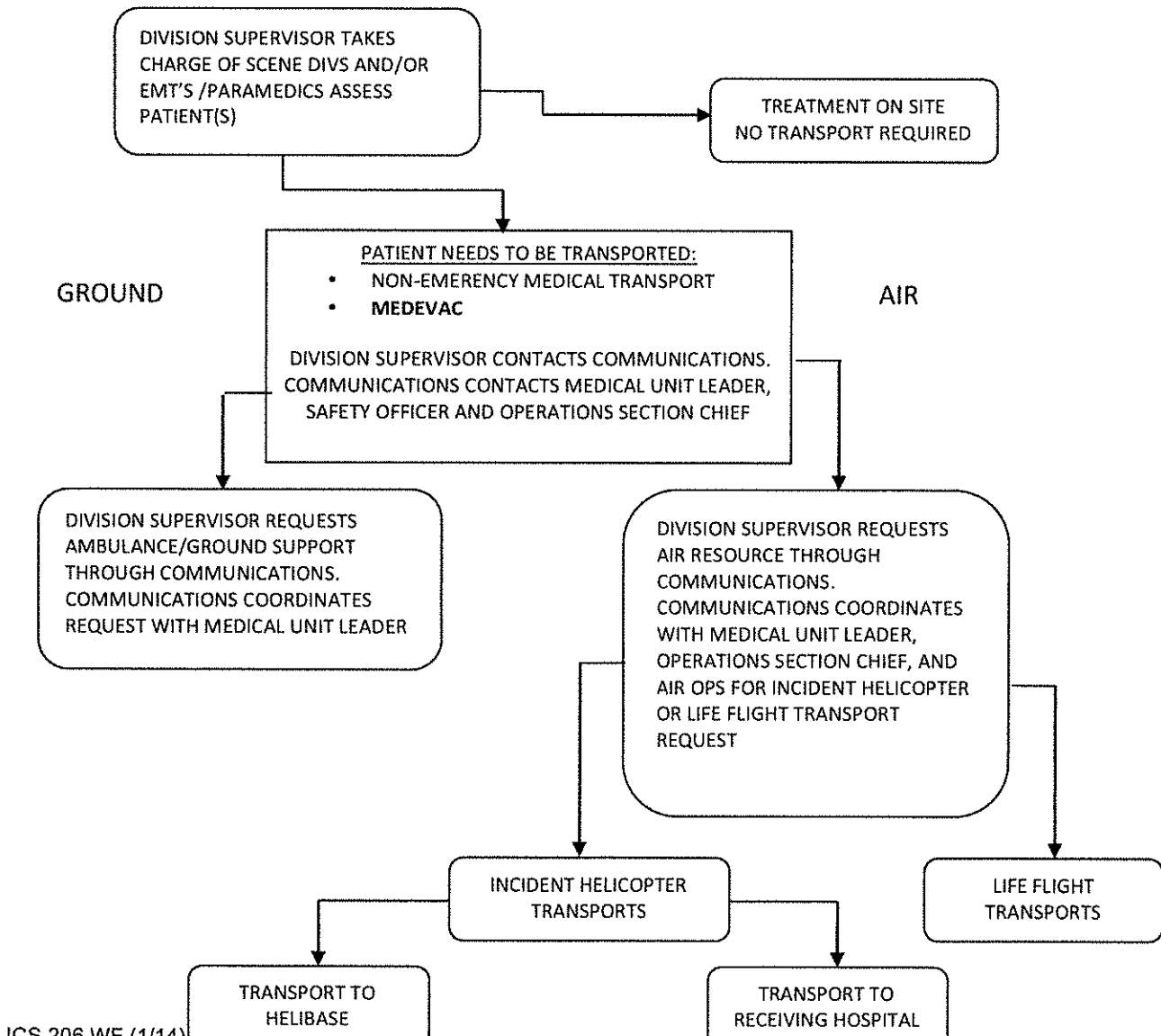
Note: This is not a standard NWCG ICS205 Form

# MEDICAL PLAN

<b>1. Incident/Project Name</b>		<b>2. Operational Period</b>					
<b>Ruth Complex</b>		Date/Time <b>08/16-17/2017 0600-0600 24 HOUR</b>					
<b>2. Aid Station</b>							
Name	Complete Address	Phone	Advanced Life Support (ALS) Yes      No				
Medical Unit	Ruth Complex ICP		XX				
Ruth Camp	Ruth Lake		XX				
<b>3. Ambulance Services</b>							
Name	Complete Address	Phone	Advanced Life Support (ALS) Yes      No				
City Ambulance Service – City 5	Ruth Camp	707-442-4553	XX				
Southern Trinity Area Rescue	153 A Van Duzen Rd. Mad River, CA	707-574-6421		XX			
Mountain Medics	05 and 02 Road-Day, Ruth Camp-Night	Communications on Command	XX				
<b>4. Air Ambulance Services</b>							
Name	Phone	Type of Aircraft & Capability					
Grand Canyon NP H8PA	530-925-9668	A Star B3 Short Haul, ALS					
KRN H407 Day/Night Hoist (24hr)	707-726 -1266	B205A++ Hoist, ALS					
CAL FIRE H102 Day Hoist	707-726-1266	B205A++ Hoist, BLS					
CHP H14/H16 Day Hoist	530-242-3210	A Star B3 Hoist, ALS					
PHI Med 43/REACH	800-597-9571	EC 135 IFR/NVG B407 NVG, ALS					
<b>5. Hospitals</b>							
Name Complete Address	GPS Datum – NAD 83 Coordinate Standard Degrees Decimal Minutes DD° MM.MMM' N - Lat DD° MM.MMM' W - Long	Travel Time Air    Gnd	Phone	Helipad Yes    No	Level of Care Facility		
St Joseph Hospital 2700 Dolbeer St Eureka, CA 95501	Lat: N 40 47.03	20 Min	2.5 HRS	707-269-4250 ext. 7020 707-442-8646	X	Level II Trauma Center	
	Long: W 124 08.80						
	VHF:						
Shasta Regional Medical Center 110 Butte St. Redding, CA 9600	Lat: N 40 35.10	30 Min	3 HRS	530-244-5353 530-243-4042	X	<input type="checkbox"/>	
	Long: W122 23.28						
	VHF:						
Redwood Memorial Hospital 3300 Renner Dr. Fortuna, CA 95540	Lat:	2.5 HRS	707-725-4562	<input type="checkbox"/>	X		
	Long:						
	VHF:						
Mercy Medical Center 2175 Rosaline Redding, CA 96001	Lat: N 40 34.33	30 Min	3 HRS	530-225-7201 530-242-4401	X	<input type="checkbox"/>	
	Long: W 122 23.80						
	VHF:						
UC Davis Medical Center 2315 Stockton Blvd Sacramento, CA 95817	Lat: N 38 33.28	1.5 HRS	4.5 HRS	916-734-3790 916-734-5669	X	<input type="checkbox"/>	
	Long: W 121 27.35						
	VHF:						
<b>6. Prepared By (Medical Unit Leader)</b> Robert Russell		<b>7. Date/Time</b> 08/15/17 2100		<b>8. Reviewed By (Safety Officer)</b> Brian Savage		<b>9. Date/Time</b> 08/15/17 2100	

*SOR 2017*

<p>Initiate care with available resources at scene and notify DIVS when an injury occurs.</p> <p>The DIVS, or designee, shall coordinate the incident and direct necessary actions. Take the following actions:</p> <ol style="list-style-type: none"> <li>1. Determine the nature of the emergency.</li> <li>2. If the emergency is a medical injury/illness, determine if the injury/illness is life threatening.</li> <li>3. If the injury is life threatening, then clear designated frequency for emergency traffic.</li> <li>4. Identify the on-scene point of contact by position.</li> <li>5. Contact the Medical Unit Leader immediately.</li> <li>6. Identify number injured, patient assessment(s) and location (geographic and/or GPS coordinates).</li> <li>7. Identify on-scene medical personnel by position and last name (i.e. EMT Jones).</li> <li>8. Identify preferred method of patient transport.</li> <li>9. Determine any additional resources or equipment needed.</li> </ol> <p>Continually evaluate the Evacuation Plan, develop contingencies in the event the first plan is not effective.</p>	<h2 style="text-align: center;">Medical Incident Report</h2> <p>Timely and accurate reporting is the key to getting needed resources to a medical incident. Review the Medical Incident Reporting Procedures on p 107-109 of the 2014 IRPG. In addition, the attached QR links to the 6 Minutes for Safety on the Medical Incident report. Please take a moment to review this important information with your crew.</p> <div style="text-align: center; margin-top: 20px;">  </div>
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# ***INCIDENT TRAINING MESSAGE***

## ***ALL TRAINEES***

***CHECK IN UPON ARRIVAL***

**Complete a Registration Form and Drop Off or  
Scan The QR Code / Type In Link - To Check In**



**<https://goo.gl/RZGSBf>**

**Demobilizing trainees MUST close out with the TNSP and  
bring a 225 Evaluation and signed Task Book**

**To close out: The Trainee AND Trainer need to be present**

**TNSP Location: ICP - Trailer Row Next to Public  
Information**

**TRAINING SPECIALIST**

Brian Lamphiear  
(916) 208-6002

# **Finance Message**

## **Incident Operations Driving**

**These standards address driving by personnel actively engaged in wildland fire or all-hazards response activities, including driving while assigned to a specific incident or during initial attack fire response (includes time required to control the fire and travel to a rest location). In the absence of more restrictive agency policy, these guidelines will be followed during mobilization and demobilization as well. Individual agency driving policies shall be consulted for all other non-incident driving.**

**Agency resources assigned to an incident or engaged in initial attack fire response will adhere to the current agency work/rest policy for determining length of duty-day.**

- No driver will drive more than 10 hours (behind the wheel) within any duty-day.**
- Multiple drivers in a single vehicle may drive up to the duty-day limitation provided no driver exceeds the individual driving (behind the wheel) time limitation of 10 hours.**
- A driver shall drive only if they have had at least 8 consecutive hours off duty before beginning a shift.**

**Exception to the minimum off-duty hour requirement is allowed when essential to:**

- Accomplish immediate and critical suppression objectives, or**
- Address immediate and critical firefighter or public safety issues.**

**As stated in the current agency work/rest policy, documentation of mitigation measures used to reduce fatigue is required for drivers who exceed 16 hours work shifts. This is required regardless of whether the driver was still compliant with the 10 hour individual (behind the wheel) driving time limitations.**



# Information Section

Help us tell your story. Share your photos and short videos with us (people need to be in full PPE, of course!).

- Stop at the PIO trailer or see us at ops briefings to airdrop or download.
- Email us.
- Tell us your home unit Facebook page so we can share your posts and tag your unit in some of our posts!
- 

ruthcomplexinfo@gmail.com

925-588-6680

**Facebook:**

@USFSSixRiversNF

<https://www.facebook.com/USFSSixRiversNF/>



**Twitter:**

#RuthComplex

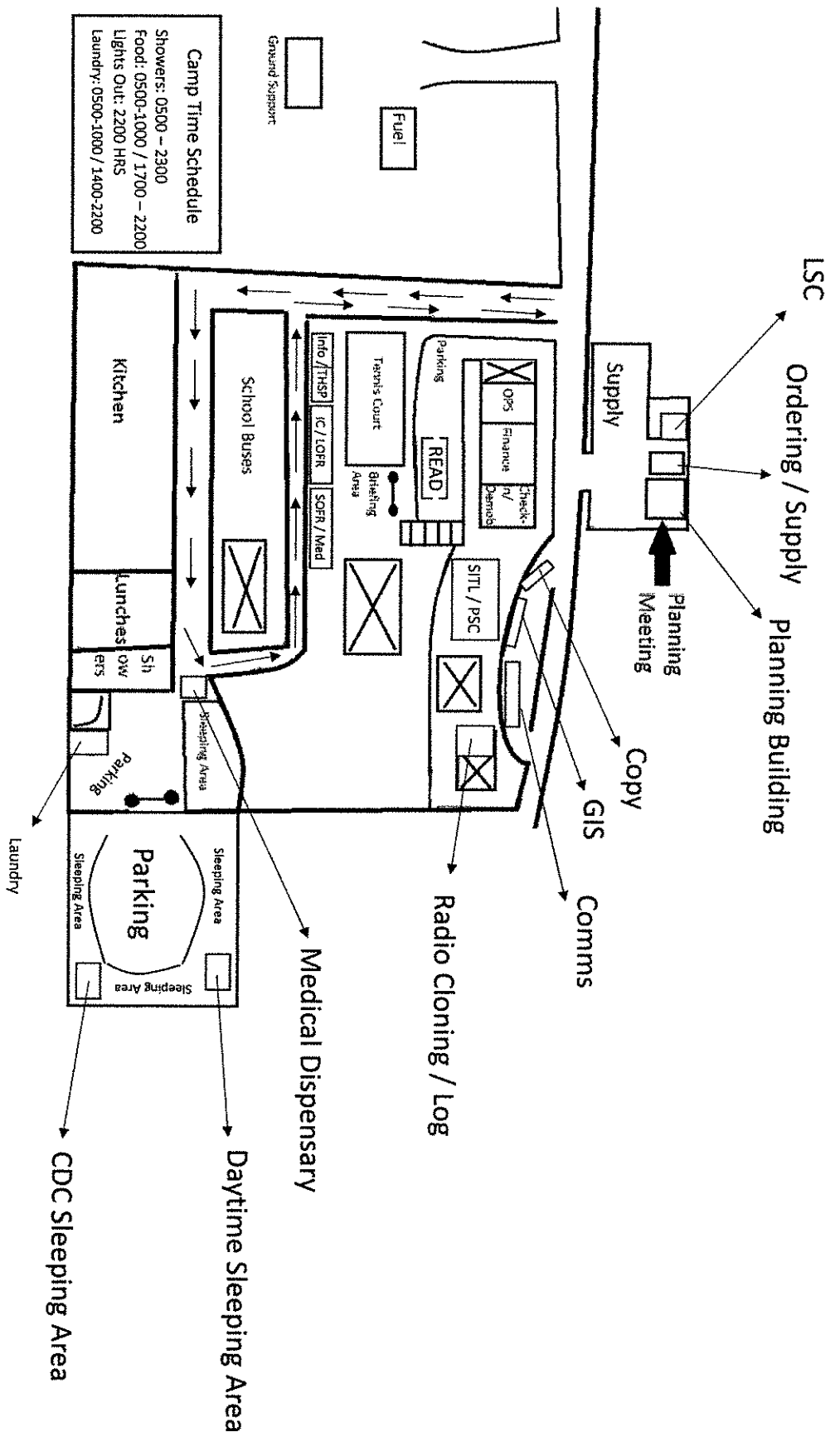
<https://twitter.com/SixRiversNF>



**Inciweb:**

<https://inciweb.nwcg.gov/incident/5492/#>





08/16/2017

TENTATIVE RELEASE

RUTH COMPLEX US-CA-SRF-000897

**CREWS**

C-22	0800	(HCS1)	CREW S/T - T1 - HUU 9122G
C-23	0820	(HCS1)	CREW S/T - T1 - HUU 9124G
C-30	0845	(HCS1)	CREW S/T - T1 - NEU 9234G
C-10	0900	(HC2)	CREW - T2 - OC FORESTRY
C-28	0900	(HC2)	CREW - T2 - GRAYBACK
C-31	0900	(HCS1)	CREW S/T - T1 - 9174 G
C-33	0945	(HCS1)	CREW S/T - T1 - SHU 9241G
C-32	1030	(HCS1)	CREW S/T - T1 - SHU 9240G
C-3	1130	(HC2I)	CREW T2IA FIRESTORM

**EQUIPMENT**

E-92	0700	(ES3)	ENGINE S/T - T3 - HUU 9120C
E-105	0730	(ES3)	ENGINE S/T -T3 - LFD 1880C
E-10022	0800	(ES3)	ENGINE S/T - T3 - LPF 1651C
E-8	0900	(WTT2)	WT T2 ENF 21
E-108	0920	(ES3)	ENGINE S/T - T3 - TCU 9250C
E-46	0930	(WTS2)	WT - T2 - DARRAH 321
E-7	1000	(WTT2)	WT - T2 - SHF 66, THADDEUS
E-116	1000	(WTT1)	WT - TACTICAL - T1 - OES 31

**OVERHEAD**

O-10008	0700	(FAL1)	FALLER MODULE FULL CIRCLE
O-157	0700	(FAL1)	FALM - GONZALEZ FALLERS
O-119	0700	(FAL1)	FALM BROWN
O-92	1400	(RADO)	PAIGE, SARA

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: Number Ordered _____				
	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: Nmber Ordered _____				
	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: Number ordered _____				
	30, 100'x1½" Rolls Hose; 30, 100'x1" Rolls Hose; 30, 1½" Gated Wyes; 30, 1½" to 1" reducers; 30, 1" nozzles				
#	Item (NFES #)	Amount	#	Item	Amount
4	Hose (50') garden, 3/4"	1016	30	Gas Unleaded (Gallons)	
5	Hose (100'), 1"	0966	31	Oil 2 cycle, (Pints)	0344
6	Hose (100'), 1½"	0967	32	Bar Oil (Qts)	1869
7	Nozzle, Garden, 3/4"	0136	33	Drip Torch ea	0241
8	Nozzle, Forester, 1"	0024	34	Drip torch mix 3.5:1.5 (gallon)	
9	Nozzle, KK Type, 1"	1081	35	Fusees BX	0105
10	Nozzle, KK Type, 1½"	1082	36	Flare Gun Rounds (12/BX)	0687
11	Wye, Gated, 3/4"	0739	37	Cartridge #6 purple (box)	0372
12	Wye, Gated, 1"	0839	38	Batteries "AA" PKGs(24/PKG)/BX	0030
13	Wye, Gated, 1½"	0883	39	Ribbon, Flagging (Specify Color)*	
14	Inline-Tee, 1"x1"x3/4"	1809	40	Water, Cubies	
15	Inline-Tee 1"x1"x1"	2240	41	Water, Bottled, Cases	
16	Inline-Tee 1½" X 1"	0731	42	Gatorade	
17	Reducer 1"X3/4"	0733	43	MRE's (12/BX)	1842
18	Reducer, 1½" X 1"	0009	44	Heavy Mill Plastic	0283
19	Increaser, 3/4" X 1"	2235	45	Washcloth, waterless, cleansing	0206
20	Increaser, 1" X 1½"	0416	46	Wrap, Structure 54"x300'	0881
21	Foam 5 gal	1145	47	Sprinkler Kit	
22	Foam 4 oz (For Backpack Pump)	3400	48	Mark 3 Pump	
23	Backpack Pump	1197	49	Mark 3 Pump Kit- w/10 gal mixed fuel	
24	Pumpkin (How Many Gallons?)		50	Chainsaw Kit	0340
25	Porta-Tank (How Many Gallons?)		51	Mop-Up Kit, 3-Wand	0772
26	Shovel	0170	52	Pump Kit, Lightweight, 2 Cycle	0670
27	Pulaski	0146	53	Gas, Raw and 2 qts 2-cycle oil, ea	
28	Combi Tool	0296	54	Lightweight Pump Kit-Cache w/5gal fuel	
29	McCloud		55	Gas, raw (gal) and 1 qt 2-cycle oil, ea.	
Notes:			Notes:		



Medical Incident Report					
<b>FOR ALL MEDICAL EMERGENCIES: IDENTIFY ON SCENE INCIDENT COMMANDER BY NAME AND POSITION AND ANNOUNCE "MEDICAL EMERGENCY" TO INITIATE RESPONSE FROM IMT COMMUNICATIONS/DISPATCH.</b>					
<b>Use items one through nine to communicate situation to communications/dispatch.</b>					
<b>1. CONTACT COMMUNICATIONS/DISPATCH</b>					
<i>Ex: "Communications, Div. Alpha. Stand-by for Priority Medical Incident Report." (If life threatening request designated frequency be cleared for emergency traffic.)</i>					
<b>2. INCIDENT STATUS:</b> <i>Provide incident summary and command structure.</i>					
<b>Nature of Injury/Illness</b>			<i>Describe the injury (Ex: Broken leg with bleeding)</i>		
Incident Name			<i>Geographic Name + "Medical" (Ex: Trout Meadow Medical)</i>		
Incident Commander			<i>Name of IC</i>		
Patient Care			<i>Name of Care Provider (Ex: EMT Smith)</i>		
<b>3. INITIAL PATIENT ASSESSMENT:</b> <i>Complete this section for each patient. This is only a brief, initial assessment. Provide additional patient info after completing this 9 Line Report.</i>					
Number of Patients:	Male / Female	Age:	Weight:		
Conscious? <input type="checkbox"/> YES <input type="checkbox"/> NO = MEDEVAC!					
Breathing? <input type="checkbox"/> YES <input type="checkbox"/> NO = MEDEVAC!					
Mechanism of Injury: <i>What caused the injury?</i>					
Lat/Long (Datum WGS84) <i>Ex: N 40° 42.45' x W 123° 03.24'</i>					
<b>4. SEVERITY OF EMERGENCY, TRANSPORT PRIORITY</b>					
<b>SEVERITY</b>			<b>TRANSPORT PRIORITY</b>		
<input type="checkbox"/> <b>URGENT-RED</b> 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 <b>IMMEDIATE.</b>		
<input type="checkbox"/> <b>PRIORITY-YELLOW</b> 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 <b>DELAYED.</b>		
<input type="checkbox"/> <b>ROUTINE-GREEN</b> Not a life threatening injury or illness. <i>Ex: Sprains, strains, minor heat-related illness.</i>			Non-Emergency. Evacuation considered <b>Routine of Convenience.</b>		
<b>5. TRANSPORT PLAN:</b>					
<b>Air Transport:</b> (Agency Aircraft Preferred)					
<input type="checkbox"/> Helispot		<input type="checkbox"/> Short-haul/Hoist		<input type="checkbox"/> Life Flight	
				<input type="checkbox"/> Other	
<b>Ground Transport:</b> <i>Click here to enter text.</i>					
<input type="checkbox"/> Self-Extract		<input type="checkbox"/> Carry-Out		<input type="checkbox"/> Ambulance	
				<input type="checkbox"/> Other	
<b>6. ADDITIONAL RESOURCE/EQUIPMENT NEEDS:</b>					
<input type="checkbox"/> Paramedic/EMT(s)		<input type="checkbox"/> Crew(s)		<input type="checkbox"/> SKED/Backboard/C-Collar	
<input type="checkbox"/> Burn Sheet(s)		<input type="checkbox"/> Oxygen		<input type="checkbox"/> Trauma Bag	
<input type="checkbox"/> Medication(s)		<input type="checkbox"/> IV/Fluid(s)		<input type="checkbox"/> Cardiac Monitor/AED	
<input type="checkbox"/> Other (i.e. splints, rope rescue, wheeled litter)					
<b>7. COMMUNICATIONS:</b>					
Function	Channel Name/Number	Receive (Rx)	Tone/NAC *	Transmit (Tx)	Tone/NAC *
<i>Ex: Command</i>	<i>Forest Rpt, Ch. 2</i>	<i>168.3250</i>	<i>110.9</i>	<i>171.4325</i>	<i>110.9</i>
COMMAND					
AIR-TO-GRND					
TACTICAL					
*(NAC for digital radio system)					
<b>8. EVACUATION LOCATION:</b>					
Lat/Long (Datum WGS84) <i>EX: N 40 42.45' x W 123 03.24'</i>					
Patient's ETA to Evacuation Location:					
Helispot/Extraction Size and Hazards:					
<b>9. CONTINGENCY:</b>					
<b>Considerations:</b> <i>If primary options fail, what actions can be implemented in conjunction with primary evacuation method? Be thinking ahead...</i>			<b>REMEMBER:</b> <i>Confirm ETA's of resources ordered Act according to your level of training Be Alert. Keep Calm. Think Clearly. Act Decisively.</i>		

<b>UNIT LOG</b>	1. Incident Name	2. Date Prepared	3. Time Prepared
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4. Unit Name/Designators	5. Unit Leader (Name and Position)	6. Operational Period
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7. Personnel Roster Assigned		
Name	ICS Position	Home Base

8. Activity Log	
Time	Major Events

9. Prepared by (Name and Position)
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