



CORRECTED  
0830



# INCIDENT ACTION PLAN

OPERATIONAL PERIOD

7/7/2021 0600 – 7/8/2021 0600

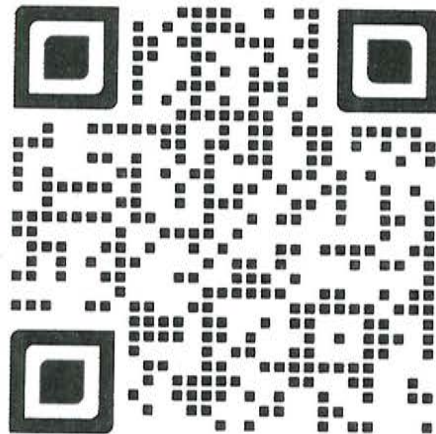
Wednesday

MAPs

IAP'S

DMOB LIST

TRAINING CHECK-IN



## LAVA FIRE

CA-SHF-000949

P5 N3XW (0514)

0600 – Day Shift Ops Briefing

1700 – Planning Meeting

1800 - Operations Briefing



# INCIDENT OBJECTIVES (ICS 202)

<b>1. Incident Name:</b> <p style="text-align: center;">LAVA FIRE</p>	<b>2. Operational Period:</b> <table style="width: 100%; border: none;"> <tr> <td style="padding: 0 10px;">Date From:</td> <td style="padding: 0 10px;">7/7/2021</td> <td style="padding: 0 10px;">Date To:</td> <td style="padding: 0 10px;">7/8/2021</td> </tr> <tr> <td style="padding: 0 10px;">Time From:</td> <td style="padding: 0 10px;">0600</td> <td style="padding: 0 10px;">Time To:</td> <td style="padding: 0 10px;">0600</td> </tr> </table>	Date From:	7/7/2021	Date To:	7/8/2021	Time From:	0600	Time To:	0600
Date From:	7/7/2021	Date To:	7/8/2021						
Time From:	0600	Time To:	0600						

**3. Objective(s):**

- Management Objectives**
- Ensure firefighter and public safety by using strategies and tactics that mitigate known and anticipated hazards while providing for highest probability of success.
  - Maintain and enhance relationships with represented agencies, local landowners, and the general public.
  - Provide timely and accurate fire information to cooperators and affected communities.
  - Protect the natural and cultural resources in the fire area. Utilize M.I.S.T. in the Mt. Shasta Wilderness area.
  - Effectively manage cost by implementing strategies and tactics that have a high probability of success.
  - Reduce the threat to private property, residences, and infrastructure.
  - Initiate suppression repair in compliance with the Lava Fire Suppression Repair Plan.

- Control Objectives**
- Keep the fire within the current perimeter.

**General Situational Awareness:**

Steep and rugged terrain, critically dry and receptive fuel beds, active area for fire history and drought stressed trees.

In the COVID-19 environment, high density populations or large groups are particularly at risk. To help protect yourself, your family and to ensure all employees return home safely, make sure to practice social distancing.

Enhanced hygiene (especially handwashing), PPE & monitoring practices help limit the infection rate of first responders.

**5. Site Safety Plan Required?** Yes  No

**Approved Site Safety Plan(s) Located at:**


**6. Incident Action Plan**

<input checked="" type="checkbox"/> ICS 203	<input checked="" type="checkbox"/> ICS 215A	<input type="checkbox"/> ICS 205 A	<input type="checkbox"/>
<input checked="" type="checkbox"/> ICS 204	<input checked="" type="checkbox"/> ICS 220	<input checked="" type="checkbox"/> Training Message	<input type="checkbox"/>
<input checked="" type="checkbox"/> ICS 205	<input checked="" type="checkbox"/> Facility Maps	<input checked="" type="checkbox"/> Travel Map	<input checked="" type="checkbox"/> HR Message
<input checked="" type="checkbox"/> ICS 206	<input checked="" type="checkbox"/> Weather Forecast	<input checked="" type="checkbox"/> Demob Plan	<input type="checkbox"/> County Health Message
<input checked="" type="checkbox"/> ICS 208	<input checked="" type="checkbox"/> Fire Behavior	<input type="checkbox"/> Finance Message	<input checked="" type="checkbox"/> ICS 214

**7. Prepared By:** Robert Burnside      Position/Title: PSC      Signature:

**8. Approved by Incident Commander:** Jerry McGowan      Signature:

## ORGANIZATION ASSIGNMENT LIST (ICS 203)

<b>1. Incident Name:</b> LAVA FIRE		<b>2. Operational Period: Date From:</b> 7/7/2021		<b>Date To:</b> 7/8/2021	
		<b>Time From:</b> 0600		<b>Time To:</b> 0600	
<b>3. Incident Commander(s) and Command Staff:</b>			<b>7. Operation Section:</b>		
IC/UC's	Jerry McGowan / Curtis Coots(t)	Operations	Chad Cook / Kerri Gilliland(t)		
Deputy	Ken Kempter	Planning Ops	Chris Childers / Trevor Johnson (t)		
Safety Officer	John Nickey / Doug McKelvey	Night Ops	Billy Steers		
Information Officer	Kristin Allison / Derek Tsigner	Staging Area			
Liaison Officer	Jake Fuller	<b>Branch</b>	<b>I</b>	<b>Travis Thane</b>	
<b>4. Agency/Organization Representatives:</b>		Division/Group	A	Abel Mata / Joshua Dominguez(t)	
Agency/Organization	Name	Division/Group	E	Rich Ingram / Mathew Muller(t)	
SHF Agency Admin	Carolyn Napper	Division/Group	ROADS GROUP	Billy Covert	
CHP	Robert Lynam	Division/Group			
Timber Industries Lia	Darin Quigley	Division/Group			
Roseburg Forest	Ryan Duchi	<b>Branch</b>	<b>III</b>	<b>Peter Tolosano / Shane Santos(t)</b>	
Union Pacific RR	Gene Womack	Division/Group	N	Mike Carter / Jonathan Duncan(t)	
Lake Shatina FD	Steven Pappas	Division/Group	P/R	Juan Molve / John Hunt(t)	
Weed Fire	Brian Carter	Division/Group			
Siskiyou County SO	Lt Ben Whetstine	Division/Group			
OES	Patrick Titus	Division/Group			
CAL FIRE	Darryl Laws	<b>Branch</b>	<b>V</b>	<b>Kent Cunningham</b>	
		Division/Group			
		Division/Group			
		Division/Group			
<b>5. Planning Section:</b>		Division/Group			
Chief	Robert Burnside	Division/Group			
Deputy	Carol O'Bryan	Division/Group			
Resource Unit	Danny Douglas / Gwyndolyn Ozard	<b>Branch</b>			
Situation Unit	Robert Verdie / Murphy Milligan	Division/Group	NIGHT	Daniel Cedeno	
Documentation Unit	Jocelyn Howell (t)	Division/Group			
Demobilization Unit	Brian Dameron	Division/Group			
GISS	James Roberts / M. Hans / S. Dinar(t)	Division/Group			
FBAN	Mike Beasley / Patrick Doyle (T)	Division/Group			
IMET	Eric Kurth	Division/Group			
Training Tech Spec	Bob Rivelle	<b>Air Operations Branch</b>		<b>Director:</b>	<b>Jason Nava</b>
ITTS	Ulysses Huerta / Jake Huerta	Air Support Group Supervisor		Tyler Detrick	
READ	Nick Meyers	Helibase Manager			
COVID Advisor	Melissa Ann Conway				
HR	Janine Summy				
<b>6. Logistics Section</b>					
Chief	Rich Davis / Dan Turner				
Supply Unit	Mani Bouslaugh	<b>8. Finance/Administration Section:</b>			
Facilities Unit	Nick Sablan	Chief	Amy Lee		
Ground Support Unit	David Trussell	Time Unit	Paula James		
Communications Unit	Scott LaRue	Procurement Unit	Paul Wood		
Medical Unit	Rod Mascis / Brian Wisler	Comp/Claims Unit	Jodi Glover		
		Cost Unit	Lee Piper		
		EQTR	Sam Hyslop	PTRC	Renee Smith
<b>Prepared By: Name:</b>	Robert Burnside	<b>Position/Title:</b>	PSC	<b>Signature:</b>	
<b>ICS 203</b>		<b>Date/Time:</b>	7/6/2021 2300 hours		



**Fire Weather Forecast**



**FORECAST NO:** 12  
**PREDICTION FOR:** 7/7-8/2021  
**SHIFT DATE:** Day & Night (0700-0700)  
**FORECAST ISSUED:** 1800 7/6/2021

**NAME OF FIRE:** Lava Fire  
**UNIT:** CA-SHF  
**SIGNED:** Eric C. Kurth,  
Incident Meteorologist  
[eric.kurth@noaa.gov](mailto:eric.kurth@noaa.gov) (240)-778-5292

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**...Less Hot with Lighter Winds Wednesday and Thursday...  
...Temperatures Heat up Late in the Week...**

**WEATHER DISCUSSION:** Sunny with patchy smoke/haze. The inversion will break by mid-morning. A shift to onshore flow will bring some northwesterly winds and slightly cooler temperatures today. Winds will peak in the late afternoon and early evening. Winds decrease after 2200 PDT then becoming light, then becoming downslope/down-canyon winds after midnight. Morning low temperatures should be a little cooler and humidity recoveries moderate.

**WEATHER FORECAST TODAY:**

**WEATHER:** Sunny. Haze with local smoke near active fire.  
**MAX TEMPERATURES:** 92-95 valleys and 86-92 ridges.  
**MIN HUMIDITY:** 12-16 percent valleys and 18-24 percent ridges.

**20 FT WINDS:**

**UPPER SLOPE/RIDGETOP** – Light downslope winds becoming northwest 5 to 10 mph by mid-morning. Winds gust up to 20 mph mid-afternoon into the evening for the southern portion of the fire. For the northern portion of the fire, winds west northwest 5 to 10 mph with gusts to 17 mph in the late afternoon.

**LOWER SLOPE/VALLEY** - Light downslope winds becoming north northwest 5 to 10 mph with gusts to 14 mph in the mid- afternoon. Gusts to 20 mph in the late afternoon and early evening.

**HAINES INDEX:** 5

LAL: 1

**STABILITY/INVERSION:** Weak morning inversion breaks mid-morning.

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**WEATHER FORECAST TONIGHT:**

**WEATHER:** Mostly clear with local smoke.  
**MIN TEMPERATURES:** 59-65 valleys and 57-63 ridges.  
**MAX HUMIDITY:** 45-55 percent valleys and 40-50 percent ridges.

**20 FT WINDS:**

**UPPER SLOPE/RIDGETOP** - Northwest winds 6 to 12 mph with gusts to 17 mph early evening, becoming northwest 5 to 10 mph after 2000 PDT. For the southern portion of the fire winds west northwest 5 to 10 mph with gusts to 17 mph in the early evening, starting around 1800 PDT. Winds overall decrease after 2200 PDT, becoming downslope 2 to 5 mph overnight.

**LOWER SLOPE/VALLEY** – North northwest 5 to 8 mph with gusts to 15 mph early evening. For the northern portion of the fire area winds northwest 5 to 10 mph with gusts to 18 mph in the early evening. Winds overall decrease after 2100 PDT, becoming variable 1 to 4 mph overnight.

**HAINES INDEX:** 5

LAL: 1

**STABILITY/INVERSION:** Inversion develops after midnight with smoke laying down.

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**Outlook:** Less hot weather continues through Thursday. Temperatures trend up Friday, with more significant heat returning for the weekend.

**Scan for current local weather observations:**



# FIRE BEHAVIOR FORECAST

<b>FORECAST NUMBER:</b> 14	<b>TYPE OF FIRE:</b> Wildfire
<b>FIRE NAME:</b> Lava	<b>OPERATIONAL PERIOD:</b> Day 0600 – 1800, 7/7/2021 Night 1800 - 0600, 7/7 - 8/2021
<b>DATE ISSUED:</b> July 6, 2021	<b>TIME ISSUED:</b> 1800
<b>UNIT:</b> Shasta Trinity NF, Mt. Shasta RD	<b>SIGNED:</b> /s/ <span style="float: right;">Mike Beasley, FBAN</span>

## INPUTS

**WEATHER SUMMARY** **\*See IMET Weather Forecast\***  
**Discussion:** Sunny with some local patchy smoke and haze. Inversion will break by mid-morning. A shift to onshore flow will bring northwesterly winds and slightly cooler temperatures today. Winds will peak in the late afternoon and early evening, decreasing after 2200 PDT becoming light and downslope after midnight.

**Max. Daytime Temps:** 92-95° valleys, 86-92° ridges      **Min. Nighttime Temps:** 59-65° valleys, 60-66° ridges  
**Min Daytime RH:** 12-16% valleys and 18-24% ridges      **Max. Nighttime RH:** 45-55% valleys, 40-50% ridges  
**20' Winds:** Upper elevations: NW 5-10 mph by mid-morning w/ gusts to 20 mph by mid-afternoon to early evening. on southern portions of the fire. Similar afternoon wind speeds more out of the WNW on northern portions. Winds decrease after 2200 becoming downslope 2-5 mph overnight.  
Lower elevations: NW 5-10 mph w/ gusts to 14 mph. Gusts increasing to 20 mph in the afternoon.  
Winds overall decrease after 2100 PDT then becoming variable 1-4 mph overnight.

## FIRE BEHAVIOR

**GENERAL:** *\*\*\*Any high elevation stringers of sub-alpine fuel, slopovers or spot fires will burn very actively with stronger winds. Daytime winds may be more northerly. Haines Index = 5\*\*\**

**ERC is 72** (Mt. Shasta RAWS #40217)

- **Fuels:** Below average winter snowpack and very hot, dry windy conditions have created burning conditions one to two months ahead of average. Surface fuels consist of manzanita, mountain mahogany & sage and with scattered second growth ponderosa pine and mixed conifer in the overstory best represented by Scott and Burgan's SH5 and TL8 fuel models. ERC's and 1000-hour fuel moistures are *between the 90<sup>th</sup> and 97<sup>th</sup> percentile, setting records for dryness for this time of year.* 1000-hour dead fuel moistures are below 10% and live brush fuel moistures are near 100%.
- **Topography:** Aspect is primarily west and north on the rugged, lava flow flanks of Mt. Shasta. The elevation range is 2800' - 7800' and slopes range from 20 to 70%. The lava rock creates difficult access and is resistant to control.

### SPECIFIC FIRE BEHAVIOR:

Stringers of timber above 7500' that burned yesterday will hold heat in heavy fuels. Additional pockets of 20-100 acres surrounded by natural barriers may burn high on the slopes of Mt. Shasta. Most lower elevation areas are secure after repeated wind testing. Be aware of interior islands that might burn causing torching with spot fires outside control lines. If current lines hold, the following fire behavior would be for a spot fire or other slopover. Isolated and short duration crown fire runs in mixed conifer and shrub understory remain possible in the afternoon where winds and continuous fuels align. Potential *daytime maximum headfire behavior* (reduce these numbers by approximately ½ for flanking fire and ¾ for backing fire):

- Shrub: 8 - 22' flame lengths, 14 - 144 chs/hr rate of spread
- Mixed Conifer: 3 - 10' flame lengths, 3 - 28 chs/hr rate of spread
- Torching/short duration timber crownfire: 100 - 150' flame lengths, 90 chs/hr rate of spread
- Spotting distance up to ½ mile spotting distances with 70-91% probability of ignition

**DIV's P/R/T/Z/A:** Direct dozer and handlines continue to hold w/ additional mop-up. Escapes could spread toward Hwy. 96 Military Pass Road, Weed, Carrick and Lake Shastina.

**DIV's E:** This remains the most active portion of fire throughout the day. Yesterday's activity should diminish with lower wind speeds and higher humidity, though winds will be northerly through the day, rather than southerly. Fire could cross Bolam Creek, flanking control operations on lower slopes. Northerly winds will be more favorable. Fire behavior would increase dramatically in areas of whitebark pine mortality.

**DIV N:** Recent activity north of Diller Canyon generating interior smokes with a low likelihood of escape. Escape could threaten Mt. Shasta City.

## AIR OPERATIONS

- Sunset 07/06 @ 2046 hours, Sunrise 7/07 @ 0543 hours. Recent activity could increase morning smoke inversion impacting visibility.

## SAFETY

- Seeing many dust devils in the burn interior is an indicator of atmospheric instability. This is conducive to the development of large plumes over fires.

# ASSIGNMENT LIST (ICS 204 WF)

CONTROLLED UNCLASSIFIED  
INFORMATION//BASIC

<b>1. Incident Name:</b> <b>LAVA FIRE</b>	<b>2. Operational Period:</b> Date From: 07/07/21    Date To: 07/08/21 Time From: 0600    Time To: 0600	<b>3. Branch</b> <b>Division</b> <b>I</b> <b>A</b>
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<b>4. Operations Personnel:</b> Operations Section Chief: <b>Chad Cook / Kerri Gilliland(t)</b> Branch Director: <b>Travis Thane</b> Division/Group Supervisor: <b>Abel Mata / Joshua Dominguez(t)</b>	Night Ops: <b>Billy Steers</b> Branch Safety: Air Attack:
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5. Resources Assigned:	** Resources Below in Bold are 12 Hour **						
Resource Identifier	ALS	LWD	Leader	Personnel	Request #	Hours	Reporting Location
CRW2IA PVT FIRESTORM 17		7/12	<b>ALEX RHEA</b>	20	<b>C-31</b>	<b>0600-1800</b>	<b>LAVA ICP</b>
CRW2 PVT C-63 R & R		7/18	<b>MARCO ROCHA</b>	20	<b>C-63</b>	<b>0600-1800</b>	<b>LAVA ICP</b>
CRW2 PVT C-76 COBRAS		7/18	<b>REYES, BEDOLLA</b>	19	<b>C-76</b>	<b>0600-1800</b>	<b>LAVA ICP</b>
ENG3 ENF 314		7/14	<b>HOFFMAN, CASEY</b>	5	<b>E-72</b>	<b>0600-1800</b>	<b>LAVA ICP</b>
ENG3 INF 331		7/13	<b>HUBBARD, BLAKE</b>	5	<b>E-71</b>	<b>0600-1800</b>	<b>LAVA ICP</b>
ENG3 SQF 332		7/13	<b>WORKMAN, DALTON J</b>	5	<b>E-74</b>	<b>0600-1800</b>	<b>LAVA ICP</b>
ENG3 TMU 341		7/11	<b>KING, TED J</b>	5	<b>E-47</b>	<b>0600-1800</b>	<b>LAVA ICP</b>
ENG3 353 #6219		7/7	<b>KOLKMANN, MATTHEW</b>	5	<b>E-77</b>	<b>0600-1800</b>	<b>LAVA ICP</b>
DOZ2 ENF 3		7/11	<b>LANGENDERFER, DAN</b>	4	<b>E-57</b>	<b>0600-1800</b>	<b>LAVA ICP</b>
DOZ2 PVT E-69 T & S		7/13	<b>ONTANO, JAMES</b>	4	<b>E-69</b>	<b>0600-1800</b>	<b>LAVA ICP</b>
W/T PVT E-84 CARLTON		7/15	<b>MARGLON, RON</b>	1	<b>E-84</b>	<b>0600-1800</b>	<b>LAVA ICP</b>
W/T PVT E-242 FORTNER		7/16	<b>FORTNER, BOB</b>	1	<b>E-242</b>	<b>0600-1800</b>	<b>LAVA ICP</b>
TFLD DANIEL		7/15	<b>DANIEL, CHARLES</b>	1	<b>O-214</b>	<b>0600-1800</b>	<b>LAVA ICP</b>
EMTF BENNER		7/12	<b>BENNER, NATHAN</b>	1	<b>O-94</b>	<b>0600-1800</b>	<b>LAVA ICP</b>
EMTF WILSON		7/12	<b>WILSON, BRANDON</b>	1	<b>O-87</b>	<b>0600-1800</b>	<b>LAVA ICP</b>
SOFR LUCAS		7/14	<b>LUCAS, MATTHEW</b>	1	<b>O-80</b>	<b>0600-1800</b>	<b>LAVA ICP</b>

**6. Work Assignments:**  
**TASK:** Tactical Patrol. Eliminate hazards and mop-up where necessary. Complete suppression repair where appropriate.  
**PURPOSE:** To eliminate threats to the fire line. Repair fire suppression effort damages.  
**END STATE:** Fire containment and recovery.

**7. Special Instructions:**  
 Back haul all trash and equipment.  
*ENGs FROM E*  
*- PSC 11 - E 250    - CARROL E - R63*  
*- R2K E - 254*  
*- 4635 E - 255*  
*320 E - 260*  
*- 324 E - 259*

8. Communications							
Name	Ch	Function	Rx Freq	Rx Tone	Tx Freq	Tx Tone	Notes
NIFC C29	4	COMMAND	171.5375	110.9 (T1)	164.8625	110.9 (T1)	
NIFC TAC 1	6	TACTICAL	168.0500	110.9 (T1)	168.0500	110.9 (T1)	
A/G TAC	13	AIR TO GROUND	169.1500	CSQ	169.1500	NONE	
A/G CMD	14	AIR TO GROUND	167.9500	CSQ	167.9500	NONE	
AIR GUARD	16	EMERGENCY	168.6250	CSQ	168.6250	110.9 (T1)	

**9. Prepared by: Name:** Danny Douglas    RESL    Signature:

# ASSIGNMENT LIST (ICS 204 WF)

CONTROLLED UNCLASSIFIED  
INFORMATION//BASIC

<b>1. Incident Name:</b> <p style="text-align: center;"><b>LAVA FIRE</b></p>	<b>2. Operational Period:</b> Date From: 07/07/21    Date To: 07/08/21 Time From: 0600    Time To: 0600	<b>3. Branch</b> <b>Division</b> <p style="text-align: center;"><b>I</b>    <b>E</b></p>
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Page 1 of 2    Echo

<b>4. Operations Personnel:</b>	
Operations Section Chief: <b>Chad Cook / Kerri Gilliland(t)</b> Branch Director: <b>Travis Thane</b> Division/Group Supervisor: <b>Rich Ingram / Mathew Muller(t)</b>	Night Ops: <b>Billy Steers</b> Branch Safety: Air Attack:

GUERRERO

<b>5. Resources Assigned:</b>		<b>** Resources Below in Bold are 12 Hour **</b>					
Resource Identifier	ALS	LWD	Leader	Personnel	Request #	Hours	Reporting Location
CRW1 ELK MT IHC		7/10	<b>REYES, REYMUNDO</b>	21	<b>C-4</b>	<b>0600-1800</b>	<b>SPIKE</b>
CRW1 TAHOE IHC		7/10	<b>GERBER, DANNY</b>	21	<b>C-5</b>	<b>0600-1800</b>	<b>SPIKE</b>
CRW1 SALMON RIVER IHC		7/9	<b>STOCKER, CODY</b>	19	<b>C-6</b>	<b>0600-1800</b>	<b>SPIKE</b>
CRW2IA PVT PATRICK 20A		7/12	<b>AUSTIN HERGERT</b>	20	<b>C-46</b>	<b>0600-1800</b>	<b>LAVA ICP</b>
CRW2 C-60 OC 23		7/15	<b>BLANCAS, RUDY</b>	17	<b>C-60</b>	<b>0600-1800</b>	<b>LAVA ICP</b>
CRW2 PVT C-65 FIRST STRIKE		7/19	<b>SLIFER, JOSHUA</b>	20	<b>C-65</b>	<b>0600-1800</b>	<b>LAVA ICP</b>
CRW2 PVT C-71 BIRRUETA		7/18	<b>BIRRUETA, TONY</b>	20	<b>C-71</b>	<b>0600-1800</b>	<b>LAVA ICP</b>
CRW2 PVT C-79 LAVA 5		7/19	<b>TORRES, RIGOBATO</b>	20	<b>C-79</b>	<b>0600-1800</b>	<b>LAVA ICP</b>
WFM KNF GRASS LAKE		7/9	<b>JOHNSON, WILLIAM</b>	7	<b>O-2</b>	<b>0600-1800</b>	<b>LAVA ICP</b>
STC SHF 3675C		7/11	<b>FLYN, SCOTT</b>	27	<b>E-107</b>	<b>1800-0600</b>	<b>LAVA ICP</b>
ENG3 LEFTHAND 4105 <i>Type 4</i>		7/18	<b>SAMUELSON, CHRIS</b>	3	<b>E-257</b>	<b>0600-1800</b>	<b>LAVA ICP</b>
ENG6 PSF 11 → A		7/17	<b>NEWMAN, CHUCK</b>	5	<b>E-250</b>	<b>0600-1800</b>	<b>LAVA ICP</b>
ENG6 PVT R2K E-254 → A		7/17	<b>STILLSMOKING, STILL</b>	3	<b>E-254</b>	<b>0600-1800</b>	<b>LAVA ICP</b>
ENG3 BRUSH 4632 E-255 → A		7/17	<b>DENNISON, PAUL</b>	3	<b>E-255</b>	<b>0600-1800</b>	<b>LAVA ICP</b>
ENG6 Rocky Point 320 → A		7/17	<b>RAMSEY, CHRIS</b>	3	<b>E-260</b>	<b>0600-1800</b>	<b>LAVA ICP</b>
ENG6 Rocky Point 324 → A		7/17	<b>RACICOT, GERG</b>	3	<b>E-259</b>	<b>0600-1800</b>	<b>LAVA ICP</b>
ENG6 CARROLL E-263 → A		7/18	<b>LITTLE, JOSH</b>	3	<b>E-263</b>	<b>0600-1800</b>	<b>LAVA ICP</b>
DOZ3 PVT E-121 LONESTAR		7/13	<b>HARRIS JACKSON</b>	4	<b>E-121</b>	<b>0600-1800</b>	<b>LAVA ICP</b>

**6. Work Assignments:**  
**TASK:** Continue direct and/or indirect line construction to Bolam Creek. Utilize M.I.S.T tactics within the Mt. Shasta Wilderness. Mop-up control lines to the extent necessary.  
**PURPOSE:** To minimize the likelihood of escape from control lines and preserve natural resources.  
**END STATE:** Fire containment.

**7. Special Instructions:**  
 Back haul all trash and equipment.

<b>8. Communications</b>							
Name	Ch	Function	Rx Freq	Rx Tone	Tx Freq	Tx Tone	Notes
NIFC C29	4	COMMAND	171.5375	110.9 (T1)	164.8625	110.9 (T1)	
NIFC TAC 3	7	TACTICAL	168.6000	110.9 (T1)	168.6000	110.9 (T1)	
A/G TAC	13	AIR TO GROUND	169.1500	CSQ	169.1500	NONE	
A/G CMD	14	AIR TO GROUND	167.9500	CSQ	167.9500	NONE	
AIR GUARD	16	EMERGENCY	168.6250	CSQ	168.6250	110.9 (T1)	

**9. Prepared by: Name:**    Danny Douglas    RESL    Signature:

**ICS 204**    Date/Time: 7/6/2021    2200    Personnel Count: 219





# ASSIGNMENT LIST (ICS 204 WF)

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<b>4. Operations Personnel:</b>		<b>Page 1 of 2</b>
Operations Section Chief: <b>Chad Cook / Kerri Gilliland(t)</b> Branch Director: <b>Travis Thane</b> Division/Group Supervisor: <b>Billy Covert</b>	Night Ops: <b>Billy Steers</b> Branch Safety: Air Attack:	

5. Resources Assigned:	** Resources Below in Bold are 12 Hour **							
Resource Identifier	ALS	LWD	Leader	Personnel	Request #	Hours	Reporting Location	
ENG6 PVT EARTH IND ENG 1		7/13	<b>RUDY VOSS</b>	3	<b>E-66</b>	0600-1800	LAVA ICP	
DOZ SHF 29		7/10	<b>CAMARA, CODY</b>	4	<b>E-204</b>	0600-1800	LAVA ICP	
DOZ2 PVT E-115 NORTHSTATE		7/13	<b>SILVA, JARED</b>	2	<b>E-115</b>	0600-1800	LAVA ICP	
DOZ2 PVT E-118 SPRATT		7/13	<b>SPRATT, ERIC</b>	2	<b>E-118</b>	0600-1800	LAVA ICP	
DOZ2 PVT E-119 NORTHSTATE		7/14	<b>RANIHAN, JESSE</b>	2	<b>E-119</b>	0600-1800	LAVA ICP	
W/T LNF 3		7/10	<b>CASE, HENRY</b>	2	<b>E-7</b>	0600-1800	LAVA ICP	
W/T SON 3392		7/12	<b>CAMPBELL, JASON</b>	2	<b>E-104</b>	0600-1800	LAVA ICP	
W/T MRO 5490		7/12	<b>JOHNSON, SHAWN</b>	2	<b>E-103</b>	0600-1800	LAVA ICP	
W/T PVT E-23 WILLMORE		7/10	<b>ANDERSON, MICHELLE</b>	1	<b>E-23</b>	0600-1800	LAVA ICP	
W/T PVT E-24 WILLMORE		7/10	<b>STOVER, JASON</b>	1	<b>E-24</b>	0600-1800	LAVA ICP	
W/T PVT E-27 PJ&R		7/10	<b>YOKOYAMA, PAUL</b>	1	<b>E-27</b>	0600-1800	LAVA ICP	
W/T PVT E-28 ALAN'S		7/10	<b>LOGUE, RICKY</b>	1	<b>E-28</b>	0600-1800	LAVA ICP	
W/T PVT E-31 PROPUMP		7/10	<b>SEABOURNE, MIKE</b>	2	<b>E-31</b>	0600-1800	LAVA ICP	
W/T PVT E-241 MIKE WATER		7/16	<b>SMITH, LARRY</b>	1	<b>E-241</b>	0600-1800	LAVA ICP	
EXC PVT E-286 - EXCAVATOR		7/19	<b>WATTJAN, TRAYSYN</b>	1	<b>E-286</b>	0600-1800	LAVA ICP	
EXC PVT E-288 - EXCAVATOR		7/19	<b>MURDOCK, MIKE</b>	1	<b>E-288</b>	0600-1800	LAVA ICP	
GRD2 PVT E-271 LAMB		7/18	<b>BROWER, JUSTIN</b>	1	<b>E-271</b>	0600-1800	LAVA ICP	
MAS PVT E-203		7/12	<b>WRIGHT, TIM</b>	1	<b>E-203</b>	0600-1800	LAVA ICP	

**6. Work Assignments:**  
**TASK:** Repair damage to roads.  
**PURPOSE:** To maintain their serviceability as access roads.  
**END STATE:** Roads are usable when fire is contained.

**7. Special Instructions:**  
 Back haul all trash and equipment.

8. Communications							
Name	Ch	Function	Rx Freq	Rx Tone	Tx Freq	Tx Tone	Notes
NIFC C29	4	COMMAND	171.5375	110.9 (T1)	164.8625	110.9 (T1)	
NIFC TAC 3	7	TACTICAL	168.6000	110.9 (T1)	168.6000	110.9 (T1)	
A/G TAC	13	AIR TO GROUND	169.1500	CSQ	169.1500	NONE	
A/G CMD	14	AIR TO GROUND	167.9500	CSQ	167.9500	NONE	
AIR GUARD	16	EMERGENCY	168.6250	CSQ	168.6250	110.9 (T1)	

**9. Prepared by: Name:** Danny Douglas    RESL    Signature: 

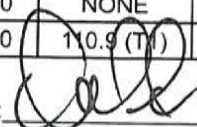
**ICS 204**    Date/Time: 7/6/2021 2200    Personnel Count: 30





# ASSIGNMENT LIST (ICS 204 WF)

CONTROLLED UNCLASSIFIED  
INFORMATION//BASIC

<b>1. Incident Name:</b> <b>LAVA FIRE</b>		<b>2. Operational Period:</b> Date From: 07/07/21    Date To: 07/08/21 Time From: 0600    Time To: 0600				<b>3. Branch</b> <b>III</b>		<b>Division</b> <b>P/R</b>	
<b>4. Operations Personnel:</b> Operations Section Chief: <b>Chad Cook / Kerri Gilliland(t)</b> Branch Director: <b>Peter Tolosano / Shane Santos(t)</b> Division/Group Supervisor: <b>Juan Molve / John Hunt(t)</b>						Night Ops: <b>Billy Steers</b> Branch Safety: Air Attack:			
<b>5. Resources Assigned:</b>		<b>** Resources Below in Bold are 12 Hour **</b>							
Resource Identifier	ALS	LWD	Leader	Personnel	Request #	Hours	Reporting Location		
CRW2IA PVT DIAMOND FIRE 16		7/12	<b>PHILLIPS, JERROD</b>	20	<b>C-30</b>	<b>0600-1800</b>	<b>LAVA ICP</b>		
ENG3 SHF 313		7/10	<b>VAUGHN, KENNETH W</b>	5	<b>E-46</b>	<b>0600-1800</b>	<b>LAVA ICP</b>		
ENG3 SNF 314		7/12	<b>TORRES, RIGOBERTO</b>	5	<b>E-73</b>	<b>0600-1800</b>	<b>LAVA ICP</b>		
ENG3 LPF 354		7/13	<b>TALIFERO, SNOW</b>	5	<b>E-75</b>	<b>0600-1800</b>	<b>LAVA ICP</b>		
DOZ SHF 79		7/10	<b>HERNANDEZ, JOSHUA</b>	2	<b>E-247</b>	<b>0600-1800</b>	<b>LAVA ICP</b>		
DOZ2 PVT E-88 STONY CRK		7/18	<b>ANDREWS, LUKE</b>	2	<b>E-88</b>	<b>0600-1800</b>	<b>LAVA ICP</b>		
W/T PVT E-29 COTTONWOOD		7/10	<b>VARGAS, RICHIE</b>	1	<b>E-29</b>	<b>0600-1800</b>	<b>LAVA ICP</b>		
W/T PVT E-81 LENAHAN		7/13	<b>PARRIOT, JARED</b>	1	<b>E-81</b>	<b>0600-1800</b>	<b>LAVA ICP</b>		
<del>TFLD GUNDLE(t)</del>		7/13	<b>GUNDLE, COLIN J</b>	1	<b>O-131</b>	<b>0600-1800</b>	<b>LAVA ICP</b>		
HEQB PARKER		7/14	<b>PARKER, CASE</b>	1	<b>O-158</b>	<b>0600-1800</b>	<b>LAVA ICP</b>		
EMTF BARKER(t)		7/12	<b>BARKER, JASON</b>	1	<b>O-84</b>	<b>0600-1800</b>	<b>LAVA ICP</b>		
EMTF OLIVER		7/12	<b>OLIVER, JEFFERY L</b>	1	<b>O-86</b>	<b>0600-1800</b>	<b>LAVA ICP</b>		
SOFR KIRBY		7/15	<b>KIRBY, ALAN O</b>	1	<b>O-154</b>	<b>0600-1800</b>	<b>LAVA ICP</b>		
SOFR MARTIN (t)		7/15	<b>MARTIN, JASON R</b>	1	<b>O-176</b>	<b>0600-1800</b>	<b>LAVA ICP</b>		
<i>→ to ROADS.</i>									
<b>6. Work Assignments:</b> TASK: Tactical Patrol. Eliminate hazards and mop-up where necessary. Complete suppression repair where appropriate. PURPOSE: To eliminate threats to the fire line. Repair fire suppression effort damages. END STATE: Fire containment and recovery.									
<b>7. Special Instructions:</b> Back haul all trash and equipment.									
<b>8. Communications</b>									
Name	Ch	Function	Rx Freq	Rx Tone	Tx Freq	Tx Tone	Notes		
NIFC C9	3	COMMAND	170.0125	110.9 (T1)	168.2500	110.9 (T1)			
NIFC TAC 5	8	TACTICAL	166.7250	110.9 (T1)	166.7520	110.9 (T1)			
A/G TAC	13	AIR TO GROUND	169.1500	CSQ	169.1500	NONE			
A/G CMD	14	AIR TO GROUND	167.9500	CSQ	167.9500	NONE			
AIR GUARD	16	EMERGENCY	168.6250	CSQ	168.6250	110.9 (T1)			
<b>9. Prepared by: Name:</b>		Danny Douglas			RESL		Signature: 		
ICS 204		Date/Time: 7/6/2021			2200		Personnel Count: 47		





## AIR OPERATIONS SUMMARY ICS-220

<b>Incident Name and Incident Number</b> Lava CA-SHF-0949	<b>Sunrise</b> 542	<b>Cutoff</b> 2015	<b>Sunset</b> 2045	<b>Time Prepared</b> 1830	<b>Date Prepared</b> Tuesday, July 06, 2021	<b>Prepared By</b> Jason Naiva
<b>General Remarks, Safety Notes, Hazards, Air Operations Special Equipment, etc.</b> TRACK ALL DIPSTE LOCATIONS / NUMBER OF DIPS / GALLONS TAKEN. TRACK ALL DROP LOCATIONS / NUMBER OF DROPS / GALLONS DROPPED All GPS DATA TO BE COLLECTED IN DEGREES, MINUTES, DECIMAL MINUTES, FORMAT. AVOID Aerial Application of Retardant / Foam / Agent within 300' of Waterways, Bodies of Water, etc. If Retardant / Foam / Agent is Dropped Within These Areas Immediately Notify the AOBDD and Provide the Following Information: Lat / Long, Estimated Number of Gallons and a Map Detailing The Area. Approved Dipsties only	<b>Shutdown</b> 2116			<b>Operational Period - Date</b> Wednesday, July 07, 2021	<b>Operational Period - Time</b> 0700-2100	<b>Rescue Ship Information</b> Name: BONES Phone: 406-212-4515 Make/Model: AS-350-B3E Location: Request Procedure for These Aircraft: See Medical Plan For Additional Info
<b>Helibase Information</b> Name: LAVA Latitude: 41° 15.87' Longitude: 122° 16.34'	<b>Helibase Information</b> Name: SISKIYOU Latitude: 41° 46.16' Longitude: 122° 28.64' (use page 2 if needed)			<b>TFR Information</b> Request # A- Radius: POLYGON NM Altitude: 12000' MSL Centerpoint: Long NOTAMS: 1/3867 Frequency: 120.025 http://tfr.faa.gov/tfr2/list.html		

Frequency	RX	Tone	TX	Tone	AM / FM	Position	Name	Phone	Trainee Name	Phone
AIR TACTICS	168.3375		168.3375		FM	AOBD	Jason Naiva	661-805-4750		
AIR / AIR Rotary Wing	124.0250		124.0250		AM	ASGS (T)				
AIR / AIR - Briefing	120.0250		120.0250		AM	HEBM	Lava BLAINE COYLE	209-459-9245		
AIR / GROUND - Command	167.9500		167.9500		FM	HEBM	Siskiyou MIKE STELP	530-306-5711		
AIR / GROUND - Tactical	169.1500		169.1500		FM	ATGS				
COMMAND 1	170.9750	110.9 (1)	168.7000	110.9 (1)	FM					
COMMAND 9	170.0125	110.9 (1)	165.2500	110.9 (1)	FM					
COMMAND 29	171.5375	110.9 (1)	164.8625	110.9 (1)	FM					
DECK-SISKIYOU	163.1000		163.1000		FM	HLCO	Bill Lampert	530-598-4128	Matt Dickson	559-202-9948
DECK-SISKIYOU	168.3500		168.3500		FM	HLCO	Matt Lynde	530-941-4600		
CALCORD - MEDICAL	156.0750	156.7 (6)	156.0750	156.7 (6)	FM	HLCO	Brad Corbin	661-965-8680		
FAA Tower	120.2750		120.2750		AM					

HELICOPTERS ( Use page 2 if Needed )													
FAA #	Type	Make/Model	Helibase	Avail	Start	Remarks / A - #	FAA #	Type	Make/Model	Helibase	Avail	Start	Remarks / A - #
3AC	1	S-64	LAVA	700	800								
3CH	1	BV-234	Siskiyou	700	800								
3TW	1	UH60	Siskiyou	700	800								
25M	1	S-64	Siskiyou	700	800								
H506	2	205++	LAVA	700	800								
H517	2	212HP	LAVA	700	800								
H509	2	BELL 209	LAVA	700	800								
H516	2	212HP	Siskiyou	700	800								
3JR	3	AS-350-B3E	LAVA	700	800								
2JG	3	Bell L3	LAVA	700	800								

FIXED WING ( Use Page 2 if Needed )													
FAA #	Type	Make/Model	Base	Avail	Start	Remarks	FAA #	Type	Make/Model	Base	Avail	Start	Remarks
AA 52			REDDING	800	900	Primary AA							

Planned Missions ( Includes: Water Dropping, Retardant, Recon, Rescue, Cargo, Personnel Transport, Air Attack, HLCO, etc.)										
Mission	Aircraft	Start Time	Departure Point	Destination	Instructions For Aircraft or Name of Personnel or Type of Cargo (if applicable)					
WATER DROPPING					AS REQUESTED					
RECON					AS REQUESTED					
RETARDANT					AS REQUESTED					

**Notes:** WATER TENDERS ASSIGNED TO DIPSITE: E-25, E-26, E-30, E-239, CRASH RESCUE E-32 at Lava Helibase  
 WATER TENDER assigned to Siskiyou Helibase: E-138, CRASH RESCUE E-205 at Siskiyou  
 FIREWATCH ON MAINTENANCE PHASE FOR A FEW DAYS



**Incident:**

Lava CA-SHF-000949

**Date:**

7-7-21 thru 7-8-21

**Operational Period:**

0600-0600



# SAFETY MESSAGE

*Fire fighter safety comes first on every fire, every time*

**Major Hazards and Risks:**

- ❖ **CUMULATIVE FATIGUE:** The last two weeks fire activity has ramped up with folks working long hours on back-to-back assignments. This can lead to serious cumulative fatigue. Monitor yourself, your subordinates, and others for fatigue. Take frequent short rest breaks, eat balanced meals, and get as much quality sleep as possible. Stay hydrated.
- ❖ **HEALTH and WELLNESS:** Temperatures have warmed a bit. Continue to hydrate during the entire shift and make time for meal breaks. Wash your hands before meals. If someone on your crew is sick see medical for Meds and use disinfecting wipes and/or disinfecting sprays on equipment and vehicles. Do not share food or liquids, try not to spread camp crud and or colds. Get your crew well rested after shift.

**Dust and Driving:**

- Take time to clean windshields, clean wiper blades of bugs and road debris and refill washer fluid as needed.
- Adjust and clean mirrors and clean instruments area.
- Increase following distance in known dusty areas and/or slow to let dust settle enough that good visibility can be reacquired.
- Scan roadside for dust laden shoulder to avoid inadvertently leaving roadway and or loss of control.



14. WEATHER IS GETTING HOTTER AND DRIER

## INCIDENT SAFETY ANALYSIS 215a

Lava Fire		July 7-8, 2021 0600-0600
8. Task	9. Hazard	13. Identify hazard mitigations & controls (press [alt + enter] to add a line)
Bucket Work	Aircraft Mishap - General	<ul style="list-style-type: none"> <li>~ Ensure positive communication with all air resources</li> <li>~ Don't plan on air resources for medical transport or resupply</li> <li>~ Follow "Aviation Watch-Out Situations" IRPG Pg 46</li> <li>~ Refer to "Directing Bucket or Retardant Drops IRPG Pg 58</li> <li>~ Refer to "Aerial Retardant Safety" IRPG Pg 57</li> <li>~ Refer to "Aircraft Mishap Response Procedure" IRPG Pg 62</li> </ul>
Direct Line Construction - Hand tools/Saws	Lava Beds	<ul style="list-style-type: none"> <li>~ Slow down and be sure of your footing.</li> <li>~ Wear gloves at all times</li> <li>~ Flag verticle tubes and pass on info.</li> <li>~ Be mindful of tire damage when driving through lava beds.</li> </ul>
Transportation - Ground/Roads Maintenance	Equipment - Crushed by Heavy Equipment/Rollover	<ul style="list-style-type: none"> <li>• When working around a dozer or tractor plow, stay at least 100 feet in front or 50 feet behind the equipment.</li> <li>• Allow no one but the operator to ride on the equipment.</li> <li>• Operators will wear required personal protective equipment (PPE) and carry a fire shelter.</li> <li>• Refer to Pg 86 of IRPG.</li> </ul>
Line Construction All	MVA - Surface	<ul style="list-style-type: none"> <li>~ Use Road Graders with Water Tenders for repair.</li> <li>~ Alternative route to limit over use.</li> <li>~ Scout and communicate on road conditions prior to driving on over used forest roads.</li> <li>~ Drive slow in poor road conditions.</li> <li>~ When getting pulled out stay clear of cables and chains. Have a plan before getting pulled out.</li> </ul>
Spike Camp	Medical - Patient Evacuation Delay	<ul style="list-style-type: none"> <li>~ Assure line Medics or EMT's are assigned to spike camps</li> <li>~ Select air evac sites at or near spikes</li> <li>~ Maintain crew supplies for mimumn of two days</li> </ul>
Suppression Repair - Mechanical	Equipment - Crushed by Heavy Equipment/Rollover	<ul style="list-style-type: none"> <li>• Ensure communications are established with operators</li> <li>• Make positive contact with operator before approaching.</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 qualified operators and appropriate overhead.</li> <li>• Close roads or trails if necessary for public safety.</li> <li>• PPE including hearing protection.</li> <li>• Maintain safe working distance from equipment</li> </ul>
Line Construction All	Medical - Heat Related Illness	<ul style="list-style-type: none"> <li>~ Drink Fluids throughout operational period (6-8 quarts/shift).</li> <li>~ Maintain water/electrolyte ratio of 3 to 1.</li> <li>~ Carry extra water on line and cache water at drop points.</li> <li>~ Take frequent breaks, minimum of 10 minutes every hour.</li> <li>~ Allow out of area resources to acclimate before expecting peak performance.</li> <li>~ Recognize symptoms of HEAT RELATED INJURY.</li> </ul>
Direct Line Construction - Hand tools/Saws	Hit by Rolling Material in Steep Terrain	<ul style="list-style-type: none"> <li>~ Have a lookout inplace for rolling material</li> <li>~ Place crewmembers in a staggered pateren to avoid moving debris on fire personnel</li> </ul>
Line Construction All	Entrapment - Rapid Change in Fire Behavior	<ul style="list-style-type: none"> <li>• Utilized full PPE in fire area at all times</li> <li>• Implement LCES plan that accounts fro extreme conditions.</li> <li>• Disengage at first sight of trouble and reassess.</li> <li>• Monitor Wx hourly and communicate findings to all.</li> <li>• Identify or construct safety zones adaquate for personnel assigned to the area.</li> </ul>

Spike Camp	Hostile Wildlife	<ul style="list-style-type: none"> <li>~ Watch out for wildlife &amp; livestock inside fire area and along roadways.</li> <li>~ Clean up all debris and trash during each operational period</li> </ul>
Line Construction All	Hit by Tree/Snag/Branch	<ul style="list-style-type: none"> <li>~ Follow "Hazard Tree Safety" guidelines, IRPG page 22-23.</li> <li>~ Post lookouts or use a spotter in mop-up areas that have hazard trees.</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>~ Maintain a hazard zone of a minimum of 2 1/2 tree heights.</li> <li>~ Perform a risk assessment before entering area and ask why and is the gain worth the risk.</li> </ul>
Patrol/Secure Fires Edge/Mop-up	Marijuana Grows/Criminally Active Area	<ul style="list-style-type: none"> <li>• Do not enter areas unless there is a law enforcement presence.</li> <li>• Be aware of the presence of toxic chemicals.</li> <li>• Local criminal elements and organized crime can be involved in the organization.</li> <li>• Anti-Personnel Devices (APD) may be present.</li> </ul>
Line Construction All	Railway Activity	<ul style="list-style-type: none"> <li>• Post a lookout when working on or near tracks</li> <li>• Only spend as much time on or crossing tracks as absolutely necessary.</li> <li>• Look up and down tracks at crossings.</li> </ul>
Line Construction All	Power Utilities	<ul style="list-style-type: none"> <li>~ Refer to the IRPG pages 24-25 for Power Line Safety.</li> <li>~ Notify all personnel of down electrical lines.</li> <li>~ Always treat downed wires as energized, even old telegraph lines.</li> <li>~ Identify and avoid high tension transmission lines.</li> </ul>

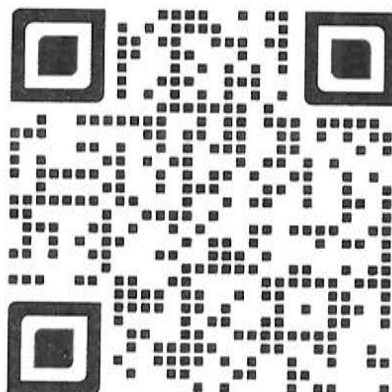
INCIDENT RADIO COMMUNICATIONS PLAN (ICS 205)		Incident Name		Date/Time Prepared		Operational Period Date/Time					
INCIDENT RADIO COMMUNICATIONS PLAN (ICS 205)		LAVA		7/06/2021 1800		7/07/2021 0600 - 7/08/2021 0600					
Zh Ch	Function	Channel Name/Trunked Radio System, Talkgroup	Assignment	RX Freq N or W	RX Tone/NAC	TX Freq N or W	TX Tone/NAC	Dev	Pwr	Mode A, D or M	Remarks
1	COMMAND	SHFR	SHASTA FOREST	171.5750	CSQ	165.0125	Tone 15 162.2	N	H	A	BACK-UP, I/A ONLY
2	COMMAND	NIFC C1	ALL DIVS	170.9750	CSQ	168.7000	Tone 1 110.9	N	H	A	WEED
3	COMMAND	NIFC C9	ALL DIVS	170.0125	Tone 1 110.9	165.2500	Tone 1 110.9	N	H	A	ANTELOPE
4	COMMAND	NIFC C29	ALL DIVS	171.5375	Tone 1 110.9	164.8625	Tone 1 110.9	N	H	A	HERD PEAK
5	TACTICAL	NIFC TAC 2	I/A ONLY	168.2000	CSQ	168.2000	NONE	N	H	A	I/A ONLY
6	TACTICAL	NIFC TAC 1	DIV A	168.0500	Tone 1 110.9	168.0500	Tone 1 110.9	N	L	A	BRANCH I
7	TACTICAL	NIFC TAC 3	DIV E / ROADS GRP	168.6000	Tone 1 110.9	168.6000	Tone 1 110.9	N	L	A	BRANCH I
8	TACTICAL	NIFC TAC 5	DIV P/R DAY	166.7250	Tone 1 110.9	166.7250	Tone 1 110.9	N	L	A	BRANCH III
9	TACTICAL	NIFC TAC 6	DIV N	166.7750	Tone 1 110.9	166.7750	Tone 1 110.9	N	L	A	BRANCH III
10	TACTICAL	NIFC TAC 7	NIGHT GROUP	168.2500	Tone 1 110.9	168.2500	Tone 1 110.9	N	L	A	BRANCH III
11	TACTICAL	CDF TAC 24	BRANCH V	151.3325	Tone 16 192.8	151.3325	Tone 16 192.8	N	L	A	BRANCH V
12	TACTICAL	CDF TAC 25	AVAILABLE	159.2775	Tone 16 192.8	159.2775	Tone 16 192.8	N	L	A	BRANCH III
13	Air-to-Ground	A/G TAC	ALL DIVS	169.1500	CSQ	169.1500	NONE	N	L	A	
14	Air-to-Ground	A/G CMD	ALL DIVS	167.9500	CSQ	167.9500	NONE	N	H	A	INCIDENT WIDE
15	TACTICAL	CALCORD	ALL DIVS	156.0750	Tone 6 156.7	156.0750	Tone 6 156.7	N	L	A	MEDICAL
16	EMERGENCY	AIR GUARD	EMERGENCY	168.6250	CSQ	168.6250	Tone 1 110.9	N	L	A	EMERGENCY ONLY
Prepared By (Communications Unit/Title)				Incident Location: WEED		Forest / Unit / Jurisdiction: SHASTA NF		County: SISKIYOU State: CA		Latitude: " N Longitude: W	
Scott La Rue and Jeff Carter, COM1											

The convention calls for frequency lists to show four digits after the decimal place (five digits for 700 MHz frequencies). The letter "U", "N", or "W" in the deviation (Dev) column reflects whether the frequency is ultranarrow (6.25 kHz), narrow (12.5 kHz) or wide band (25 kHz). Mode refers to either "A" indicating Analog, "D" indicating Digital (e.g. Project 25) or "M" indicating Mixed Mode. All channels are shown as if programmed in a control station, mobile or portable radio. Repeaters (and depending on use, base stations) must be programmed with the Rx and Tx reversed.

## LAVA DMOB PROCESS

The Lava Fire DMOB list will be available in the evenings using the QR Code found on the cover of the IAP– DMOB List

- I. ALL Federal Agency, Local Government and OES resources
  - A. Report to ICP at College of the Siskiyous for DMOB to Include
    1. Communications Unit
    2. Supply Unit
      - a) Provide a detailed completed ICS 213 signed by appropriate Division/Group Supervisor for equipment replacement.
      - b) All ICS 213 requests for S#'s need to be approved through Fed Finance for approval
    3. Ground Support (1 ½ Miles North of the 5 Fwy on the Hwy 97 at the Old Mill)
    4. Finance (OES Rep for Local Government and OES)
    5. DMOB Unit
- II. Cal Fire Resources (10000 #'s)
  - A. Report to ground support 1<sup>st</sup> at Siskiyou County Roads Department (279 Sharps Road, Yreka) for mechanical inspection
  - B. When complete with ground Support report Cal Fire Finance located in the Trygar room at SKU Headquarters (1809 Fairlane Rd, Yreka Ca 96097).
  - C. When complete with Finance Call Lava DMOB at (805) 827-5164.



07/07/2021

TENTATIVE RELEASE

LAVA US-CA-SHF-000949

**CREWS**

C-12	0730	(HC1)	KLAMATH IHC
C-58	0745	(HC2)	183 - PACIFIC OASIS, INC. -184
C-59	0800	(HC2)	- PACIFIC OASIS, INC. -008 -
C-61	0815	(HC2)	BIRRUETA
C-64	0830	(HC2)	219 - R & R CONTRACTING INC
C-68	0845	(HC2)	101 - J FRANCO
C-69	0900	(HC2)	145 - MOUNTAINEER

**EQUIPMENT**

E-3	0730	(ES3)	S/T SRF 2600C
E-10002	0730	(ES3)	LMU 9222C
E-10004	0730	(ES3)	HUU 9121C
E-33	0800	(ES3)	S/T LNF 3615C*****
E-48	0830	(ENG3)	PNF E 323
E-78	0845	(ENG3)	NORTHWEST 423
E-105	0900	(WTT1)	SSL 23
E-253	0915	(ENG4)	ENGINE - T4 -
E-266	0930	(ENG4)	ENGINE - T4 -
E-291	0945	(EXCA)	MISC - EXCAVATOR, T2 -

**OVERHEAD**

O-275	0700	(PIOF)	OBER, MICHAEL R
O-91	0715	(HMGB)	BARNHART, JASON CARROLL,
O-196	0730	(PIO2)	CHAD RUSSELL CHIPMAN,
O-142	0745	(PIO2)	CHERYL
O-145	0800	(PIOF)	LONG, CLARE
O-170	0815	(PIO2)	RAMEY, DANIEL
O-27	0830	(TFLD)	FOSTER, DAVE
O-10035	1800	(PSCT)	MENDEZ, JORGE LUIS
O-10034	1800	(PSCT)	SAMORA, CHRISTIAN AGUSTIN

Lava Fire  
Human Resource Message  
July 7, 2021

**What Makes Communication Difficult?**

○ **Words Mean Different Things to Different People**

Look up 500 different words in a dictionary and you will find over 2,500 meanings and/or definitions for those same words. To communicate effectively, both the speaker and the listener must have a mutual understanding of the words they use.

○ **The Presenting Problem May Not Be the Major Concern**

People often are hesitant to talk about what is really bothering them. The “real issues” are what they tend to hide most carefully. Trying to solve minor problems while the real problems are not clearly understood does not work. Doing this is a major source of ineffectiveness.

○ **Filters Distort What People Hear and Say and Emotions Are Blinding**

Our own expectations, experiences, values, biases, self-images, beliefs, ideas, worldview, etc. create a “zone of distortion”; the filter that distorts our interpretation of another person’s message. People are often unaware of how their emotions affect communications with others and emotions can literally put some people out of control and prevent them from communicating effectively.

**Here’s what to do to improve communication:**

- Stand in the other person’s shoes. You have stood in the other person’s shoes when you repeat their point of view back to their satisfaction.
- Drop your point of view long enough to take another way of seeing things.
- Remember the point of communication is not to win or be right, but to either bring people together or clarify their differences.

*“Whatever you are, be a good one.”* -Abraham Lincoln-

Janine Summy, Human Resource Specialist, 509-429-1206

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## *Training Specialist - Lava Fire*

**The Training Specialist is working remotely. Training Specialist**

**Contact Information:**

- Bob Rivelle
- Call/Text: 707.498.1761 (Available daily between 0600 and 2200)
- Email: [robert\\_rivelle@nps.gov](mailto:robert_rivelle@nps.gov)

**How to register as a Trainee:**

1. Use the QR code below. If you're unable to register using the QR code, please call me anytime at 707.498.1761.
2. Once registered, you will receive text and email updates.

**How to close-out your training assignment:**

1. **Trainer:** Complete and Evaluation Record in the back of the Position Task Book and make as many entries as possible within the individual tasks. Discuss this with your Trainee.
2. **Trainer:** Complete an individual performance rating (ICS 225) and go over the performance rating with your Trainee.
3. **Trainee:** Text or email a photo of your individual performance rating (ICS 225) to the Training Specialist.
4. **Trainee:** Complete the exit questions at the QR code below.
5. **Trainee:** Once 1-4 are completed, the Trainee and the Training Specialist will have a brief conversation to discuss the Task Book and assignment.
6. **Done,** except for safe travels home!

**Trainee Registration QR Code**



**Trainee Exit Questions**



# WATER SOURCE USE LOG

DATE: \_\_\_\_\_ INCIDENT: Lava Fire

DIVISION/GROUP: \_\_\_\_\_

WATER TENDER VENDER OR AGENCY ID: \_\_\_\_\_

RESOURCE ORDER REQUEST #:

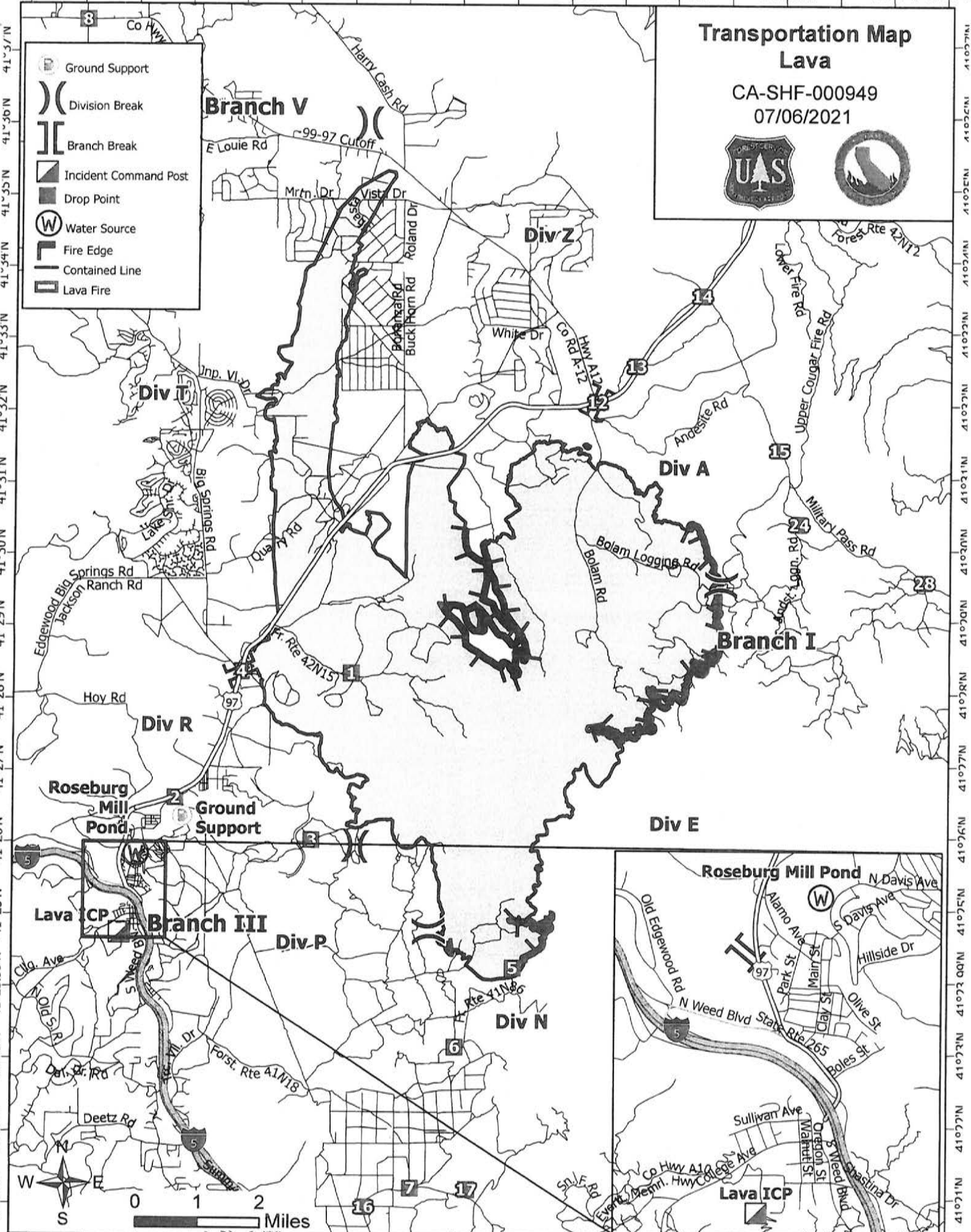
WATER SOURCE LOCATION	HYDRANT	OPEN SOURCE (i.e. pond, creek)	TANK	GALLONS USED	PROPERTY OWNER/CONTACT INFORMATION

## TURN INTO FINANCE EQUIPMENT TIME DAILY

Please note if you made contact with property owner and get their contact information. This document is intended to track, record, and validate the amount of water used on an incident. It is not intended to review the performance of equipment using water on an incident.



122°25'W 122°23'W 122°21.01'W 122°19'W 122°17'W 122°15'W 122°13'W 122°11'W 122°9'W 122°8'W



### Transportation Map Lava

CA-SHF-000949  
07/06/2021

- Ground Support
- Division Break
- Branch Break
- Incident Command Post
- Drop Point
- Water Source
- Fire Edge
- Contained Line
- Lava Fire

**Lava ICP**

**Branch III**

**Div. P**

**Roseburg Mill Pond**

**Lava ICP**

Map showing detailed street layout around Roseburg Mill Pond and Lava ICP, including roads like N Davis Ave, S Davis Ave, Hillside Dr, Olive St, Boles St, Sullivan Ave, Waltham St, S Weed Blvd, and Christina Dr.



41°37'N 41°36'N 41°35'N 41°34'N 41°33'N 41°32'N 41°31'N 41°30'N 41°29'N 41°28'N 41°27'N 41°26'N 41°25'N 41°23.99'N 41°23'N 41°22'N 41°21'N 41°20'N 41°19'N 41°18'N 41°17'N 41°16'N 41°15'N 41°14'N 41°13'N 41°12'N 41°11'N 41°10'N 41°09'N 41°08'N 41°07'N 41°06'N 41°05'N 41°04'N 41°03'N 41°02'N 41°01'N 41°00'N

# College of Siskiyou Campus

Lava  
CA-SHF-000949  
7/4/2021

COLLEGE AVE

Main Entrance

Bldg 3

College of the Siskiyou

Bldg 7

Bldg 8

Briefing

Supply

Medical

Laundry  
Showers

Lunch/Water

TTC Bldg

Kitchen

Sleeping Area

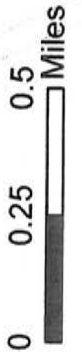
Ground Support

Walnut Street

Siskiyou

Exit

Building 3 - Life Science	Building 7 - Science	Building 8 - ESTC	TTC Building
Public Meeting Space	(main floor) (Upstairs)	Cal Fire Comps/Claims	PIO
	Cal Fire Finance HR	Check-in/Demob	
	COVID Advisor IC/Liason	Comms	
	Facilities Meeting Room	Federal Finance	
	FBAN READ	ITSS	
	GISS	Medical	
	IMAT	Ops	
	Logs	Plans	
	Ordering	Safety	
		Situation	



# UNIT LOG CONT. (ICS 214)

1. Incident Name:

LAVA FIRE

2. Operational Period:

Date From: 7/7/21

Date To: 7/8/21

Time From: 0600

Time To: 0600

## 6. Activity Log

TIME

MAJOR EVENTS

7. Prepared By:

Date/Time:



# MEDICAL PLAN (ICS 206 WF) CIIMT 1

1. Incident Name				2. Operational Period					
<b>Lava Fire</b>				Date/Time: <b>07/07/2021</b> <b>24 Hours</b> <b>0600-0600</b>					
<b>3. EMS / Ambulance Services</b>									
Name	Location	Contact Method	Advanced Life Support (ALS)						
			Yes	No					
Mountain Medics	ICP	Walk Up 530-605-5205	XX						
Medic 3	DP 12 Day / ICP Night	Contact on Command	XX						
REMS 1	Reference 204 for REMS Location	Contact on Command	XX						
Mt. Shasta Ambulance	1020 Oak St. Mt. Shasta, CA 96067	530-842-7066	XX						
<b>4. Air Rescue / Air Ambulance Services</b>									
Name	Contact	Type of Aircraft & Capability							
Helicopter 3JR	Lava Helibase	Type 3, BLS, Short Haul ( Day Only )							
CHP H14 / H16	Redding 530-226-2400	Type 3, ALS, Hoist ( Day Only )							
PHI Air Medical	Redding 530-226-2400	Type 3 Air Ambulance, ALS							
Reach 5	Redding 530-226-2400	Type 3 Air Ambulance, ALS							
<b>5. Hospitals (all times estimated from incident location)</b>									
Name & Level	GPS Datum – WGS 84 Degrees Decimal Minutes		Travel Time Air Ground		Phone	Helipad Yes No		Address	
	Lat:		Mins	Min s					
Mercy Mt. Shasta Medical Center	N 41° 19.117'	5	20	ER 530-926-9360	XX		914 Pine St. Mt. Shasta, CA		
	Long: W 122° 19.203'								
Fairchild Medical Center	N 41° 43.164'	10	30	ER 530-841-6292	XX		444 Bruce St. Yreka, CA		
	Long: W 122° 38.741'								
Mercy Medical Center Level 2 Trauma STEMI / Stroke	N 40° 34.33	20	1.25	ER 530-225-7201	XX		2175 Rosaline Ave. Redding, CA		
	Long: W 122° 23.80								
Shasta Regional Medical Center	N 40° 35.160	20	1.25	ER 530-244-5353	XX		1100 Butte St. Redding, CA		
	Long: W 122° 23.262								
UC Davis Medical Center Level I Trauma / Burn	N 38° 33.293	1.75	3.5	ER 916-734-3790 Burn 916-734-3636	XX		2315 Stockton Blvd. Sacramento, CA		
	Long: W 121° 27.317								
<b>6. Division / Crew Emergency Pre-Plan</b>									
<i>Update and discuss with assigned resources daily.</i>									
Fireline EMT / Medic's Division / Branch Location									
Air Hoist site location site: Lat: / Long: / Elevation:									
Helispot: Lat: / Long: / Elevation:									
<b>7. Prepared By (Medical Unit Leader)</b>				<b>8. Date/Time</b>		<b>9. Reviewed By (Safety Officer)</b>		<b>10. Date/Time</b>	
Brian Wisler    MEDL 209-620-0660 Rodd Mascis    MEDL 909-630-3969  				07/06/2021 1900		Doug McKelvey SOF1 510-453-3817 John Nickey    SOF1 530-310-3537  		07/06/2021 1900	

# MEDICAL PLAN (ICS 206 WF) CIIMT 1

Medical Incident Report																													
<p><b>FOR A NON-EMERGENCY INCIDENT, WORK THROUGH CHAIN OF COMMAND TO REPORT AND TRANSPORT INJURED PERSONNEL AS NECESSARY.</b></p> <p><b>FOR A MEDICAL EMERGENCY: IDENTIFY ON SCENE INCIDENT COMMANDER BY NAME AND POSITION AND ANNOUNCE "MEDICAL EMERGENCY" TO INITIATE RESPONSE FROM IMT COMMUNICATIONS/DISPATCH.</b></p>																													
<p><b>Use the following items to communicate situation to communications/dispatch.</b></p>																													
<p><b>1. CONTACT COMMUNICATIONS / DISPATCH</b> (Verify correct frequency prior to starting report)  <i>Ex: "Communications, Div. Alpha. Stand-by for Emergency Traffic."</i></p> <p><b>2. INCIDENT STATUS:</b> Provide incident summary (including number of patients) and command structure.  <i>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."</i></p>																													
Severity of Emergency / Transport Priority	<input type="checkbox"/> <b>RED / PRIORITY 1</b> Life or limb threatening injury or illness. Evacuation need is <b>IMMEDIATE</b> <i>Ex: Unconscious, difficulty breathing, bleeding severely, 2<sup>o</sup> – 3<sup>o</sup> burns more than 4 palm sizes, heat stroke, disoriented.</i> <input type="checkbox"/> <b>YELLOW / PRIORITY 2</b> Serious Injury or illness. Evacuation may be <b>DELAYED if necessary.</b> <i>Ex: Significant trauma, unable to walk, 2<sup>o</sup> – 3<sup>o</sup> burns not more than 1-3 palm sizes.</i> <input type="checkbox"/> <b>GREEN / PRIORITY 3</b> Minor Injury or illness. <b>Non-Emergency transport</b> <i>Ex: Sprains, strains, minor heat-related illness.</i>																												
Nature of Injury or Illness & Mechanism of Injury			Brief Summary of Injury or Illness <i>(Ex: Unconscious, Struck by Falling Tree)</i>																										
Transport Request			Air Ambulance / Short Haul/Hoist Ground Ambulance / Other																										
Patient Location			Descriptive Location & Lat. / Long. (WGS84)																										
Incident Name			Geographic Name + "Medical" <i>(Ex: Trout Meadow Medical)</i>																										
On-Scene Incident Commander			Name of on-scene IC of Incident within an Incident <i>(Ex: TFLD Jones)</i>																										
Patient Care			Name of Care Provider <i>(Ex: EMT Smith)</i>																										
<p><b>3. INITIAL PATIENT ASSESSMENT:</b> Complete this section for each patient as applicable (start with the most severe patient)</p> <p>Patient Assessment: See IRPG PAGE 106</p>																													
Treatment:																													
<p><b>4. TRANSPORT PLAN:</b></p> <p>Evacuation Location (if different): (Descriptive Location (drop point, intersection, etc.) or Lat. / Long.) Patient's ETA to Evacuation Location:</p>																													
Helispot / Extraction Site Size and Hazards:																													
<p><b>5. ADDITIONAL RESOURCES / EQUIPMENT NEEDS:</b></p> <p><i>Example: Paramedic/EMT, Crews, Immobilization Devices, AED, Oxygen, Trauma Bag, IV/Fluid(s), Splints, Rope rescue, Wheeled litter, HAZMAT, Extrication</i></p>																													
<p><b>6. COMMUNICATIONS: Identify State Air/Ground EMS Frequencies and Hospital Contacts as applicable</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">Function</th> <th style="width: 25%;">Channel Name/Number</th> <th style="width: 15%;">Receive (RX)</th> <th style="width: 15%;">Tone/NAC *</th> <th style="width: 15%;">Transmit (TX)</th> <th style="width: 15%;">Tone/NAC *</th> </tr> </thead> <tbody> <tr> <td>COMMAND</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>AIR-TO-GRND</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>TACTICAL</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>						Function	Channel Name/Number	Receive (RX)	Tone/NAC *	Transmit (TX)	Tone/NAC *	COMMAND						AIR-TO-GRND						TACTICAL					
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<p><b>7. CONTINGENCY: Considerations:</b> If primary options fail, what actions can be implemented in conjunction with primary evacuation method? Be thinking ahead.</p>																													
<p><b>8. ADDITIONAL INFORMATION:</b> Updates/Changes, et c.</p>																													
<p><b>REMEMBER:</b> Confirm ETA's of resources ordered. Act according to your level of training. Be Alert. Keep Calm. Think Clearly. Act Decisively.</p>																													