

Corrected

MINERVA FIRE

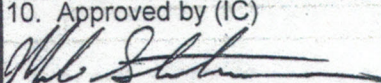



DAY SHIFT 0600 – 1800

JULY 31, 2017

CA-PNF-001043

P5K8GR (0511)

Incident Objectives	1. Incident Name	2. Date Prepared	3. Time Prepared
	Minerva	7/30/2017	2100
4. Operational Period (Date and Time)			
7/31/2017 0600-1800			
5. General Control Objectives for the Incident (include Alternatives)			
<i>Ensure firefighter and public safety by using strategies and tactics that mitigate known and anticipated hazards while providing for the highest probability of success</i>			
Provide accurate and timely fire information through interagency and public coordination			
Protect cultural values and natural resources in the fire area			
In order to minimize the threat to the community of Quincy, it's infrastructure, critical assets, and community watershed keep the Minerva Fire:			
**South and East of Forest Road 24N20			
**West of Middle Branch (Mill Creek)			
**North of Claremont Peak and Ridge System			
6. Weather Forecast for Operational Period			
<i>see attached</i>			
7. General Safety Message			
<i>see attached</i>			
8. Attachments (check if attached)			
X	202	X	206 X ICP Map
X	203	X	220 X 214
X	204	X	Safety
X	205	X	Fire Behavior
ICS-202	9. Prepared by (PSC) Artie Colson Artie Colson		10. Approved by (IC) 

ORGANIZATION ASSIGNMENT LIST			9. Operations Section	
1. Incident Name	Minerva		Chief	Jeff Hinson, Clint Gould
2. Date	7/30/2017	3. Time	2100	Night Ops <i>Saginaw Mgr</i> <i>Alan Zimmerman 530 730 5340</i>
4. Operational Period	7/31/2017	0600-1800		
5. Incident Commander and Staff			Division/Groups	
Incident Commander	Deron Mills, Steve Griffin (t)		Division A	Brooke Nunez
Deputy IC	Mike Strawhun		Division D	Todd McNeal, David Earnst (t)
Safety Officer	Ron Garcia		Division M	Adam Sanders
Information Officer	Michelle Carbonaro, Cheryl Chipman, Brendan Halle (t)		Division O	Jason Winguard, Rhett Whisenhunt (t)
Liaison Officer	David Cooper, Allen Johnson		Structure Group	TBA <i>John Gray</i>
6. Agency Representative			Contingency Group	Nate Leising
Agency	Name			
USFS PNF AA	Daniel Lavato		Branch Director	n/a
Plumas Sheriff	Nick Dawson		Deputy	
Quincy FPD	Robbie Cassou		Division/Group	
Chester FPD	Joe Waterman		Division/Group	
Cal OES	Ken Hood		Division/Group	
CDCR	Tammy Maine		Division/Group	
			Division/Group	
			Branch Director	n/a
			Deputy	
			Division/Group	
7. Planning Section			Division/Group	
Chief	Artie Colson		Division/Group	
Deputy	Dave Martin		Division/Group	
Resources Unit	Derek Parker, Julie Roberts		Division/Group	
Demobilization Unit	Julie Roberts			
Situation Unit	Mark Lemon, Derek Parker (t)		d. Air Operations Branch	
Fire Behavior	Taro Pusina		Air Operations Branch Director	Rob Delmas, Kerry Koskella
GIS	Larry Vredenberg		Air Support Supervisor	Robert Reece
Training Specialist	Derek Parker		Air Attack Supervisor	
<i>Resource Advisor</i>	<i>Kelby Gardner</i>		Helicopter Coordinator	
			Air Tanker Coordinator	
			10. Finance Section	
			Chief	Joan Disney
			Deputy	
			Time Unit	Tiffany Sache-Santi
8. Logistics Section			Procurement Unit	
Chief	Aaron Duncan, Mark Ratekin (t)		Comp/Claims Unit	
Deputy	Randy Jackson		Cost Unit	
Supply Unit	David Gerstung			
Facilities Unit	Matt Wiggins, Tim Crisp (t)			
Ground Support Unit	Vern Smith, Larry Amerjam			
Communications Unit	Joseph Mehciz, Troy Vaughn (t)		Prepared by (Resource Unit Leader)	
Medical Unit	Kevin Albertson, Devin Lawrence			
Security Unit	Fernando Gomez			
Food Unit	Mike Chapman			

SPOT FORECAST for Minerva 5...USFS
National Weather Service SACRAMENTO CA
449 PM PDT Sun Jul 30 2017

Forecast is based on request time of 1700 PDT on July 30.
If conditions become unrepresentative...contact the National Weather Service.

.DISCUSSION...

Hot and dry conditions over the fire site this week.
Winds will be terrain driven up valley during the day and down valley at night. Southwest winds will increase during peak heating hours (3pm- 7pm) with gusts to 15 mph.

.TONIGHT...

Sky/weather.....Mostly clear.
Min temperature.....59-63.
Max humidity.....50-55 percent.
Wind (20 ft).....
Slope/valley.....Southwest winds 5 to 9 mph...gusts to 15 mph through 9 pm. Diminishing to 3 to 6 mph and becoming northeast after midnight.
Ridgetop.....Southwest 5 to 10 mph gusts to 15 mph. Diminishing to southeast 4 to 8 mph after midnight.
Mixing height.....11600 ft AGL decreasing to 200-2100 ft AGL early in the evening.
Transport winds.....East 3 to 6 mph.
CWR.....0 percent.
LAL.....1.

.MONDAY...

Sky/weather.....Mostly sunny. Patchy smoke.
Max temperature.....92-97.
Min humidity.....13-18 percent.
Wind (20 ft).....
Slope/valley.....Southeast winds 3 to 6 mph. Becoming southwest 4 to 8 mph...gusts to 15 mph after 12 pm.
Ridgetop.....Southwest 5 to 10 mph. gusts to 15 mph.
Mixing height.....200-300 ft AGL increasing to 14000-14400 ft AGL.
Transport winds.....Southwest 5 to 10 mph.
CWR.....0 percent.
LAL.....1.

FIRE BEHAVIOR FORECAST

FORECAST NUMBER: 1	TYPE OF FIRE: Wildfire
FIRE NAME: Minerva 5	OPERATIONAL PERIOD: Day 0600 - 1800 , July 31, 2017
DATE ISSUED: July 30, 2017	TIME ISSUED: 2230
UNIT: Plumas NF, Mt. Hough Ranger District	SIGNED: <i>Isl Tero Pusina</i> , FBAN <i>J. M. Pusina</i>

INPUTS

WEATHER SUMMARY

See SPOT Weather Forecast

Discussion:

Hot and dry conditions over the fire site this week. Winds will be terrain driven up valley during the day and down valley at night. Southwest winds will increase during peak heating hours (3pm- 7pm) with gusts to 15 mph.

Weather: Mostly sunny, patchy smoke. Chance of wetting rain 0%, LAL 1.
Max Temp: 92 - 97°
Min RH: 13 - 18%
Winds: 20': Southeast 3 - 6 mph, becoming southwest 4 - 8 mph with gusts to 15 mph after 1200 hrs.
Ridgetop: Southwest 5 - 10 mph, gusts to 15 mph.

FIRE BEHAVIOR

GENERAL:

Quincy BI is 43 and ERC is 63

The fire is burning in an area with no recorded fire history or fuel treatments in steep, terrain. Slopes are 30 - 100%. Fuels in the fire area are dense Sierra mixed conifer and brush including ponderosa pine, douglas fir, incense cedar, black oak and whiteleaf manzanita, chinquapin and tobacco brush ceanothus on the higher slopes characterized as Scott and Burgan's TL8 and TU5. The fire elevation ranges from 4500' - 6000' and is burning on both sides of Claremont ridge on generally west and northeast aspects.

1000 hr. fuel moistures from the Quincy RAWs are 12%. On 7/10, nearby live whiteleaf manzanita brush fuel moistures were 142% and live Douglas fir was 109%, live FM's are predicted to be significantly less than that now.

SPECIFIC FIRE BEHAVIOR:

Fire is expected to primarily creep with group tree torching and short duration crownfire during the heat of the burn period. During the heat of the day expect 3 - 5' headflame lengths in timber with rates of spread 5 - 13 chains per hour. Expected brush headfire flame lengths are 6' - 10' with rates of spread of 7 - 17 ch/hr. Cut these numbers roughly in half for backing fire spread. Torching tree flame lengths can exceed 100' with spotting distances over 1/4 mi. and a probability of ignition of 70%. Fire is expected to burn actively through the night due to warm temperatures and poor relative humidity recovery.

DIVs A and D: Fire expected to actively back and flank west/southwest from Claremont Ridge into the East Branch of the Rock Creek drainage. Expect potential rollout and subsequent headfire runs back upslope to spur ridges leading to Claremont Ridge.

DIVs M and O: Fire to continue to head northeast downslope in Boyle Ravine and West Branch Mill Creek. Expect an increase in fire behavior as fire reverses slope in drainages.

AIR OPERATIONS

- Expect smoky conditions in the fire area until the inversion lifts around 1000 hours.

Sunrise 7/31: 0602 hrs.

Sunset 7/31: 2018 hrs.

SAFETY

- Watch for crown fire potential during the heat of the day in dense vegetation when high temperatures, low humidities, high winds and slopes come into alignment.

ASSIGNMENT LIST		1. Branch Division/Groups		2. Division/Group/Staging Division A			
3. Incident Name Minerva		4. Operational Period Date: 7/31/2017 Time: 0600-1800					
5. Operations Personnel							
Operations Chief Jeff Hinson, Clint Gould		Division/Group Sup/Staging Area Mgr			Brooke Nunez		
Branch Director		Air Attack Supervisor No.					
6. Resources Assigned this Period							
Strike Team/Task Force/Resource Designator	Leader	Number Persons	Trans. Needed	Drop Off PT./Time	Pick Up PT./Time		
Crew - T2IA - Jicarilla	W. Gomez	20		ICP / 0600	ICP / 1800		
Crew - T2IA - Gila Regulars	DeLatorre	20		ICP / 0600	ICP / 1800		
Crew - H512	Quin	8		ICP / 0600	ICP / 1800		
Crew - H516	Lander	9		ICP / 0600	ICP / 1800		
Smokejumpers	Napp	17		ICP / 0600	ICP / 1800		
ENG - T3 - PNF E325	Beck	5		ICP / 0600	ICP / 1800		
ENG - T3 - SNF E312	Seymour	5		ICP / 0600	ICP / 1800		
WT - T2 - PNF 2	Ellwell	2		ICP / 0600	ICP / 1800		
WT - T2 - 8231	Randall	2		ICP / 0600	ICP / 1800		
WT - T2 - TNF 31	Bryant	2		ICP / 0600	ICP / 1800		
WT - T2 - ENF 235	Waguel	2		ICP / 0600	ICP / 1800		
DOZ - T2 - PNF 3	Shepherd	3		ICP / 0600	ICP / 1800		
7. Work Assignment ^{D2 - T2 - PNF 3} 2 Construct direct handline south from 24N26 towards Division O and the Claremont Trail.							
8. Special Instructions Travel westbound from the ICP on Highway 70 to Bucks Lake Rd approximately 3-4 miles to the 24N28 road. Travel to the 24N20 road into the fire. To leave the fire and head back to the ICP take the 24N20 road east to the ICP. Division identify drop points and water sources and ensure nightly check-in with the Situation unit track logs.							
9. Division/Group Communication Summary							
Function	System	Grp/Channel	Frequency	Function	System	Grp/Channel	Frequency
Command	BK	1/PNF Fire Admin	RX 171.4250 TX 172.3500 T6, T8	Support			
DIV A	BK	6/NIFC TAC 3	RX/TX 168.6000				
A/G CMD	BK	14/AIR GROUND CMD	RX/TX 167.5500				
AIR GUARD	BK	16/AIR GUARD	RX/TX 168.6250 T1 (110.9)				
Prepared by (RESL)		Approved by (PSC)			Date		Time
		A. J. Wilson			7/30/2017		2100

ASSIGNMENT LIST	1. Branch	2. Division/Group/Staging
	<i>Division/Groups</i>	<i>Division D</i>

3. Incident Name <i>Minerva</i>	4. Operational Period Date: <i>7/31/2017</i> Time: <i>0600-1800</i>	
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5. Operations Personnel

Operations Chief	<i>Jeff Hinson, Clint Gould</i>	Division/Group Sup/Staging Area Mgr	<i>Todd McNeal, David Earnst (t)</i>
Branch Director		Air Attack Supervisor No.	

6. Resources Assigned this Period

Strike Team/Task Force/Resource	Leader	Number Persons	Trans. Needed	Drop Off PT./Time	Pick Up PT./Time
<i>Crew - T1 - Black Mt IHC</i>				<i>ICP / 0600</i>	<i>ICP / 1800</i>
<i>Crew - T1 - Diamond Mt IHC</i>				<i>ICP / 0600</i>	<i>ICP / 1800</i>
<i>Crew - T2 - Ukiah 2</i>	<i>Paul Bailey</i>	<i>21</i>		<i>ICP / 0600</i>	<i>ICP / 1800</i>
<i>Crew - T1 - S/T 9231G</i>				<i>ICP / 0600</i>	<i>ICP / 0600</i>
<i>Crew - T1 - S/T 9243</i>				<i>ICP / 0600</i>	<i>ICP / 0600</i>
<i>ENG - T3 - AZ-SP1</i>				<i>ICP / 0600</i>	<i>ICP / 1800</i>
<i>ENG - T3 - AZ-ADL</i>				<i>ICP / 0600</i>	<i>ICP / 1800</i>
<i>ENG - T3 - BEC 9476</i>				<i>ICP / 0600</i>	<i>ICP / 1800</i>
<i>WT - T2 - Dustbusters</i>				<i>ICP / 0600</i>	<i>ICP / 1800</i>

7. Work Assignment

Construct direct line on slopers on 24N26. Continue direct line along the North flank.

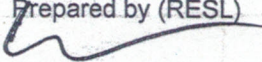
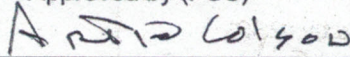
8. Special Instructions

*Travel westbound from the ICP on Highway 70 to Bucks Lake Rd approximately 3-4 miles to the 24N28 road. Travel to the 24N20 road into the fire.
To leave the fire and head back to the ICP take the 24N20 road east to the ICP.
Division identify drop points and water sources and ensure nightly check-in with the Situation unit track logs.*

9. Division/Group Communication Summary

Function	System	Grp/Channel	Frequency	Function	System	Grp/Channel	Frequency
Command	BK	17/PNF Fire Admin	RX 171.4250 TX 172.3500 T6, T8	Support			
DIV D	BK	7/NIFC TAC 5	RX/TX 166.7250				
A/G CMD	BK	14/AIR GROUND CMD	RX/TX 167.5500				
AIR GUARD	BK	16/AIR GUARD	RX/TX 168.6250 T1 (110.9)				

Prepared by (RESL) <i>[Signature]</i>	Approved by (PSC) <i>Arto Elson</i>	Date	Time
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ASSIGNMENT LIST		1. Branch <i>Division/Groups</i>		2. Division/Group/Staging <i>Division M</i>			
3. Incident Name <i>Minerva</i>		4. Operational Period Date: <i>7/31/2017</i> Time: <i>0600-1800</i>					
5. Operations Personnel							
Operations Chief		<i>Jeff Hinson, Clint Gould</i>		Division/Group Sup/Staging Area Mgr		<i>Adam Sanders</i>	
Branch Director				Air Attack Supervisor No.			
6. Resources Assigned this Period							
Strike Team/Task Force/Resource	Leader	Number Persons	Trans. Needed	Drop Off PT./Time	Pick Up PT./Time		
<i>Crew - T1 - Silver State IHC</i>				<i>ICP / 0600</i>	<i>ICP / 1800</i>		
<i>Crew - T2IA - Kern Valley</i>				<i>ICP / 0600</i>	<i>ICP / 1800</i>		
<i>Crew - T2IA - Firestorm</i>				<i>ICP / 0600</i>	<i>ICP / 1800</i>		
<i>ENG - T3 - S/T 1604 C</i>				<i>ICP / 0600</i>	<i>ICP / 1800</i>		
<i>ENG - T3 - S/T XNA 2200C</i>	<i>Jose Martin</i>	<i>19</i>		<i>ICP / 0600</i>	<i>ICP / 1800</i>		
<i>ENG - T3 - S/T 2150C</i>				<i>ICP / 0600</i>	<i>ICP / 1800</i>		
7. Work Assignment <i>Continue direct line construction with handcrews</i>							
8. Special Instructions <i>Travel westbound from the ICP on Highway 70 to Bucks Lake Rd approximately 3-4 miles to the 24N28 road. Travel to the 24N20 road into the fire. To leave the fire and head back to the ICP take the 24N20 road east to the ICP. Division identify drop points and water sources and ensure nightly check-in with the Situation unit track logs.</i>							
9. Division/Group Communication Summary							
Function	System	Grp/Channel	Frequency	Function	System	Grp/Channel	Frequency
Command	BK	1/PNF Fire Admin	RX 171.4250 TX 172.3500 T6, T8	Support			
DIV M	BK	8/NIFC TAC 6	RX/TX 166.7750				
A/G CMD	BK	14/AIR GROUND CMD	RX/TX 167.5500				
AIR GUARD	BK	16/AIR GUARD	RX/TX 168.6250 T1 (110.9)				
Prepared by (RESL) 		Approved by (PSC) 		Date		Time	

ASSIGNMENT LIST	1. Branch	2. Division/Group/Staging
	<i>Division/Groups</i>	<i>Division O</i>

3. Incident Name	4. Operational Period
<i>Minerva</i>	Date: <i>7/31/2017</i> Time: <i>0600-1800</i>

5. Operations Personnel

Operations Chief	<i>Jeff Hinson, Clint Gould</i>	Division/Group Sup/Staging Area Mgr	<i>Jason Winguard, Rhett Whisenhunt (t)</i>
Branch Director		Air Attack Supervisor No.	

6. Resources Assigned this Period

Strike Team/Task Force/Resource	Leader	Number Persons	Trans. Needed	Drop Off PT./Time	Pick Up PT./Time
<i>DOZ - T2 - S/T 9151L</i>				<i>ICP / 0600</i>	<i>ICP / 1800</i>
<i>DOZ - T2 - Northstate (E-31)</i>				<i>ICP / 0600</i>	<i>ICP / 1800</i>
<i>DOZ - T2 - Kent (E-32)</i>				<i>ICP / 0600</i>	<i>ICP / 1800</i>
<i>HEQB</i>	<i>Kevin Finken Keller</i>	<i>1</i>		<i>ICP / 0600</i>	<i>ICP / 1800</i>

DIV D
DIV D

7. Work Assignment

Continue direct line construction with dozers

8. Special Instructions

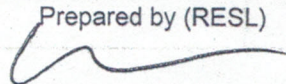
Travel westbound from the ICP on Highway 70 to Bucks Lake Rd approximately 3-4 miles to the 24N28 road. Travel to the 24N20 road into the fire.

To leave the fire and head back to the ICP take the 24N20 road east to the ICP.

Division identify drop points and water sources and ensure nightly check-in with the Situation unit track logs.

9. Division/Group Communication Summary

Function	System	Grp/Channel	Frequency	Function	System	Grp/Channel	Frequency
Command	BK	17/PNF Fire Admin	RX 171.4250 TX 172.3500 T6, T8	Support			
DIV O	BK	9/NIFC TAC 7	RX/TX 168.2500				
A/G CMD	BK	14/AIR GROUND CMD	RX/TX 167.5500				
AIR GUARD	BK	16/AIR GUARD	RX/TX 168.6250 T1 (110.9)				

Prepared by (RESL)	Approved by (PSC)	Date	Time
	<i>Arno Colson</i>		

ASSIGNMENT LIST	1. Branch	2. Division/Group/Staging	
	Division/Groups		Structure Group
3. Incident Name	4. Operational Period		
Minerva	Date: 7/31/2017	Time:	0600-1800

5. Operations Personnel			
Operations Chief	Jeff Hinson, Clint Gould	Division/Group Sup/Staging Area Mgr	TBA <i>John Gray</i>
Branch Director		Air Attack Supervisor No.	

6. Resources Assigned this Period					
Strike Team/Task Force/Resource	Leader	Number Persons	Trans. Needed	Drop Off PT./Time	Pick Up PT./Time
ENG - T1 - S/T XSF 2251A		22		ICP / 0600	ICP / 1800
ENG - T1 - S/T OES 3800A		17		ICP / 0600	ICP / 1800
ENG - T1 - OES 360				ICP / 0600	ICP / 1800
ENG - T1 - MVF 8222				ICP / 0600	ICP / 1800
ENG - T1 - PEF 9122				ICP / 0600	ICP / 1800
ENG - T1 - EPR 9821				ICP / 0600	ICP / 1800
ENG - T1 - QUI 8124				ICP / 0600	ICP / 1800
ENG - T2 - S/T XTE 3250B	Robert Waeltly	17		ICP / 0600	ICP / 1800
ENG - T2 - POR 9321				ICP / 0600	ICP / 1800
ENG - T2 - Greenhorn 8322				ICP / 0600	ICP / 1800
ENG - T2 - GVF 7622				ICP / 0600	ICP / 1800

7. Work Assignment *2807A*
13 BEC 9476
13604 9225
 Assess structures and be mobile *2376A*
2276A

8. Special Instructions

Travel westbound from the ICP on Highway 70 to Bucks Lake Rd approximately 3-4 miles to the 24N28 road. Travel to the 24N20 road into the fire.

To leave the fire and head back to the ICP take the 24N20 road east to the ICP.

Division identify drop points and water sources and ensure nightly check-in with the Situation unit track logs.

9. Division/Group Communication Summary							
Function	System	Grp/Channel	Frequency	Function	System	Grp/Channel	Frequency
Command	BK	1/PNF Fire Admin	RX 171.4250 TX 172.3500 T6, T8	Support			
Structure Group	BK	10/R5 TAC 4	RX/TX 166.5500				
A/G CMD	BK	14/AIR GROUND CMD	RX/TX 167.5500				
AIR GUARD	BK	16/AIR GUARD	RX/TX 168.6250 T1 (110.9)				

Prepared by (RESL)	Approved by (PSC)	Date	Time
<i>[Signature]</i>	<i>[Signature] Elsau</i>	7/30/2017	23:00

* Minerva 1 ST - PEF 9122, EPR 9821,
 POR 9321, GVF 7622,
 BEC 9225, 0-15 + 0-16

ASSIGNMENT LIST	1. Branch	2. Division/Group/Staging
	<i>Division/Groups</i>	<i>Contingency Group</i>

3. Incident Name	4. Operational Period
Minerva	Date: 7/31/2017 Time: 0600-1800

5. Operations Personnel

Operations Chief	Jeff Hinson, Clint Gould	Division/Group Sup/Staging Area Mgr	Nate Leising
Branch Director		Air Attack Supervisor No.	

6. Resources Assigned this Period

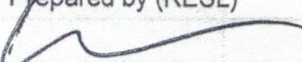
Strike Team/Task Force/Resource	Leader	Number Persons	Trans. Needed	Drop Off PT./Time	Pick Up PT./Time
Crew - TBA					
Crew - TBA					
Crew - TBA					
Crew - TBA					
Crew - TBA					

7. Work Assignment
Prep 24N20 road between A/D and D/M. Work with Operations for future needs

8. Special Instructions
*Travel westbound from the ICP on Highway 70 to Bucks Lake Rd approximately 3-4 miles to the 24N28 road. Travel to the 24N20 road into the fire.
 To leave the fire and head back to the ICP take the 24N20 road east to the ICP.
 Division identify drop points and water sources and ensure nightly check-in with the Situation unit track logs.*

9. Division/Group Communication Summary

Function	System	Grp/Channel	Frequency	Function	System	Grp/Channel	Frequency
Command	BK	1/PNF Fire Admin	RX 171.4250 TX 172.3500 T6, T8	Support			
Contingency	BK	11/R5 TAC 5	RX/TX 167.1125				
A/G CMD	BK	14/AIR GROUND CMD	RX/TX 167.5500				
AIR GUARD	BK	16/AIR GUARD	RX/TX 168.6250 T1 (110.9)				

Prepared by (RESL)	Approved by (PSC)	Date	Time
	<i>ARSTO Elson</i>		

24N20 - 24N28 - 24N20
24N20 - 24N28 - 24N20
24N20 - 24N28 - 24N20

AIR OPERATIONS SUMMARY

Operational Period Date: 7/31/2017 Start: 07:00 End: 21:00

1. INCIDENT NAME: Minerva

2. PREPARED BY: Rob Delmas

3. Sunrise: 06:01 Sunset: 20:49

4. REMARKS (Safety Notes, Hazards, Air Operations Special Equipment, etc.):
 No flights over ICP or sling loads over residential areas.
 Implement 300 feet standard policy procedures for retardant avoidance in riparian areas.
 Give clear, concise direction when requesting missions...need a location and contact.
 Hazards: Snags, non-incident aircraft and winds.

5. TFR: 7/0029
 Radius: 5 NM
 Altitude: 12000 MSL
 Centerpoint:
 Lat: 39° 53.516'
 Long: 120° 58.616'

MEDEVAC AIRCRAFT SEE Medical Plan.

6. PERSONNEL	Phone	7. FREQUENCIES	AM	FM	8. FIXED-WING	# Avail / Type/ Make-Model / FAA N# / Base(s)
AOBD: Rob Delmas	559-760-2186	AIR/AIR - RW	118.6250		Airtankers	By Request: 4 Heavy 1 VLAT 2 Super Scoopers
ASGS: Robert Reece	760-784-5399					
ASGS: Kerry Koskala	559-359-2122	AIR/AIR - FW		169.4375	Lead planes	By Request:
ATGS: Mike Fralicks ATGS:	559-760-8379	AIR/GROUND TACTICAL	Crews/Engines Firefighters	169.2875		
ASGS:		AIR/GUARD	RX 168.6250	Tone 1 110.9		
HELIC:		COMMAND REPEATER	Rx: 171.4250 Tx: 172.3500	Tone 6 (156.7)	ATGS Aircraft Air Attack Air Attack	AA15 N700PQ Relief to be announced and time needed
HEB2: Dave Dale	Gansner Airfield 530-515-0799	AIR/GROUND COMMAND	Operation Branch/Division	167.5500	Other Retardant	
		DECK		163.100		

9. HELICOPTERS (Use Additional Sheets As Necessary)

FAA N# or Designator	TY	MAKE/MODEL	BASE	START	REMARKS	FAA N# or Designator	TY	MAKE/MODEL	BASE	START	REMARKS
H-512	11	Bell 212	Gansner Airfield	0800	Pax/ Bucket	H403SS	1	S-64	Gansner Airfield	0800	Water Drops
H-516	11	Bell 212	Gansner Airfield	0800	Pax/ Bucket	H699RH	1	KMAX	Gansner Airfield	0800	Water Drops

10. TASK/MISSION/ASSIGNMENT (Use ICS-220a if additional space needed; Type/Function includes: Air Tactical, Retardant, Recon, Personnel Transport, Water Dropping, etc.)

TYPE/FUNCTION	NAME OF PERSONNEL OR CARGO (if applicable) OR INSTRUCTIONS FOR TACTICAL AIRCRAFT	MISSION START	FLY FROM	FLY TO
Troop shuttle	As assigned			
Water Drops	Priority. Division call air attack with request.			
Recon	As requested: Ops + 2 at 0900			
Cargo	As assigned:			
Troop Shuttle:	As assigned:			

MINERVA INCIDENT SAFETY ANALYSIS 215A

Ron Garcia SOF2

Minerva Fire - CA-PNF-001043 - 7/31/17, Day/Night

8. Location	9. Hazard	6. Control or Abatement Action (Engineering, Administrative, PPE, Avoidance, Education, etc)
All	Indirect Line Construction	<ul style="list-style-type: none"> ~ Know what your fire is doing at all times. ~ Post lookouts ~ Have escape routes and safety zones identified ~ Establish trigger points for disengagement if fire activity picks up ~ Post road guards when appropriate and have a travel plan ~ Use existing natural and human made barriers
All	Hazard trees	<ul style="list-style-type: none"> ~ Follow "Hazard Tree Safety" guidelines, IRPG (2014) page 22&23 ~ Post lookouts, or use a spotter in mop-up areas with personnel ~ Don't park vehicles or take breaks in high concentrations of hazard trees ~ Establish trigger points for disengagement during high wind events ~ Post road guards when appropriate ~ Do not fall snags at night
All	Driving & Traffic	<ul style="list-style-type: none"> ~ Practice "Defensive Driving" techniques traveling on all roads and city streets, mitigation strategy includes: <ul style="list-style-type: none"> ~ Use spotters when backing ~ Honk horn to alert personnel when backing ~ Always use headlights ~ Yield to pedestrians and bicycles ~ Observe posted speed limits ~ Follow 3 second rule of following distance when driving ~ Use chock blocks, turn wheels into hill ~ Seat Belts are mandatory ~ Adhere to local community traffic laws ~ No texting while driving
All	Heavy Equipment	<ul style="list-style-type: none"> ~ Use extreme caution working around dozers ~ Make sure dozer back up alarms are working ~ Do not work below a dozer ~ Wear all appropriate PPE, including hearing protection ~ Stay 100 feet away from front and 50 feet away from rear of dozers
All	Steep Terrain	<ul style="list-style-type: none"> ~ Evaluate necessity to send personnel to hazard areas ~ Be on lookout for rolling rocks ~ Don't work above any personnel ~ Maintain 8' - 10' spacing when working & walking
All	Fatigue & Overexertion Heat disorders	<ul style="list-style-type: none"> ~ Hydrate frequently ~ Rotate crews out of smoky areas ~ Set a reasonable work pace and allow adequate rest breaks ~ Use buddy system to monitor personnel of heat related and fatigue issues ~ Follow work / rest guidelines or mitigate rest as soon as feasible
All	Air Operations	<ul style="list-style-type: none"> ~ Follow "Aviation Watch-Out Situations" in IRPG. ~ Don't plan exclusively on air resources for medical transport or resupply. ~ Visibility may be impaired. Have a backup plan. ~ Refer to IRPG for directing bucket drops. ~ Ensure positive communication with all air resources. ~ Keep personnel out of drop zones.
All	Thunder Storm Safety	<ul style="list-style-type: none"> ~ Follow Thunder Storm Safety Guide lines in IRPG ~ Monitor daily weather forecast, plan your day accordingly.

Ron Garcia SOF2

Safety Message

INCIDENT: Minerva Fire

DATE: 07/30/17

TIME: Day/ Shift

Transition to new Leadership

- Make sure you know who you are working for and what your assignment is.
- Make sure you have good communications with your boss.
- Make sure you understand leader's intent for this operational period.
- Make sure you know how to activate the Incident Emergency Plan- ICS 206
- If you are unclear of your assignment, it's okay to ask questions.
- Listen to weather forecast and fire behavior for this op period and know it!

When you get to your assignment:

- Provide safety briefing with your crew, strike team or resources,
- Take weather and make your own prediction, stay dialed in on changes,
- Provide for safety first by following Standard Fire Orders and Watchouts,
- Are Lookouts, Communications, Escape Routes and Safety Zone in placed

Make sure you know the fire environment that you are working in.

Make sure you are prepared to engage; monitor the fire environment, be proactive, and make adjustments.

BACK TO THE BASICS: Due to the abundant grass crop the potential for extreme rapid rates of spread exists, maintain LCES at all times and ensure that all PPE is worn.

DRIVER SAFETY:

- Inspect your vehicle.
- Don't drive distracted.
- Watch speeds on these roads.
- Don't be in a big hurry.
- Don't drive tired.
- Your job is to get there safely.
- Use your headlights always
- Everyone uses a seatbelt.
- Expect civilian vehicles.

SNAGS AND HAZARD TREES:

All trees, especially large trees are potentially dangerous.

- Trees don't tell when they are going to fall, they just do. Be heads up!
- Minimize your exposure time and resources around hazard tree.

DEHYDRATION:

If you're thirsty, you've waited too long to drink water. You need to drink a minimum of 32 ounces of water per hour during the day shift.

FACT:

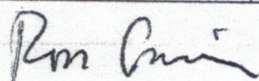
- If you lose 3 % of your hydration, you will lose 20% of your energy.
- If you lose 5% of your hydration, you lose 50% and you will need to visit medical.

HYDRATE!

HYDRATE!

HYDRATE!

Safety Officers: Ron Garcia SOF2



INCIDENT RADIO COMMUNICATIONS PLAN

1. Incident Name
MINERVA 5

2. Date/Time Prepared
7-30-17 / 2200

3. Operational Period Date/Time
7-31-17 / 0600

4. Basic Radio Channel Utilization

Radio Type/Cache	Channel	Function	Frequency/Tone	Assignment	Remarks
VHF	1	PNF FIRE ADMIN	RX 171.4250 TX 172.3500 T6, T8 <i>165.1625</i>	ALL DIV.	TONE 6 (156.7) TONE 8 (103.5)
VHF	2	NIFC C2	RX 168.1000 TX 170.4500 T2(123.0)	NOT IN USE	FUTURE USE
VHF	3	NIFC C8	RX 169.5375 TX 164.7125 T2(123.0)	NOT IN USE	FUTURE USE
VHF	4	OPEN		NOT IN USE	NOT IN USE
VHF	5	NIFC TAC 2	168.2000 RX/TX	IA	IA ONLY
VHF	6	NIFC TAC 3	168.6000 RX/TX	DIV A	DIVISION A
VHF	7	NIFC TAC 5	166.7250 RX/TX	DIV D	DISIVION D
VHF	8	NIFC TAC 6	166.7750 RX/TX	DIV M	DIVISION M
VHF	9	NIFC TAC 7	168.2500 RX/TX	DIV O	DIVISION O
VHF	10	R5 TAC 4	166.5500 RX/TX	STR GRP	STRUCTURE GROUP
VHF	11	R5 TAC 5	167.1125 RX/TX	AVAILABLE	CONTINGENCY GROUP
VHF	12	R5 TAC 6	168.2375 RX/TX	AVAILABLE	AVAILABLE
VHF	13	AIR/GROUND TAC	169.2875 RX/TX	ALL DIVS	A/G TACTICAL
VHF	14	AIR/GROUND CMD	167.5500 RX/TX	ALL DIVS	A/G COMMAND
VHF	15	CALCORD	156.0750 RX/TX TONE 6 (156.7) Both	ALL DIVS	MEDEVAC COORDINATION
VHF	16	AIR GUARD	168.6250 RX/TX TONE 1 (110.9)	ALL DIVS	TONE ON TRANSMIT ONLY

All frequencies are Analog – Narrowband.

5. Prepared by (Communications Unit)

TROY VAUGHN, COML

[Signature] for Troy Vaughn

1. Incident/Project Name Minerva Fire	2. Operational Period Date/Time: 7/31/2017 Day 0600-1800
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3. Ambulance Services

Name	Location	Phone & EMS Frequency	Advanced Life Support (ALS)
Plumas District Ambulance	ICP	530 604-6850	Yes: X, No:

4. Air Ambulance Services (COORDINATE with AIR AMBULANCES on CALCORD tone 6)

Name	Phone	Type of Aircraft & Capability
CHP H14 or H16 Redding	Plumas County SO (530) 283-6300	ALS and Day Hoist
Care Flight	Plumas County SO (530) 283-6300	ALS and Night Ops.
Enloe Flight Care	Plumas County SO (530) 283-6300	ALS and Night Ops
Auburn H20 or H24	Plumas County SO (530) 283-6300	BLS and Day Hoist

5. Hospitals

Name & Level	GPS Datum – WGS 84 Degrees Decimal Minutes		Travel Time		Phone	Helipad		Address
	Lat:	Long:	Air	Gnd		Yes	No	
Renown Medical Center Level Two Trauma Center	N 39.5257	W 119.7956	:30	75 Min	(775) 982-4100	<input checked="" type="checkbox"/>		1155 Mill St. Reno NV.
	VHF:	Tx Rx						
	Enloe Medical Center Level Two Trauma Center	N 39.7416						
VHF:	Tx Rx							
UC Davis Firefighters Burn Inst.	N 38.5545	W 121.4542	:70	3.5 Hrs.	(916) 734-3636	<input checked="" type="checkbox"/>	4251 X st. Sacramento Ca. 95817	
VHF:	Tx Rx							
Plumas District Hospital	N 39.9393	W 120.9613						:5
VHF:	Tx Rx							

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

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

7. Remote Aid Stations

Point of Contact:	MEDL – Kevin Albertson 661 303-9414
EMS Responders & Capability:	
Equipment Available on Site:	Medical supplies
Ambulance ETA :	Air – Ground –

8. Prepared By (Medical Unit Leader) Kevin Albertson – MEDL	9. Date/Time 7/30/2017 2000	10. Reviewed By (Safety Officer) 	11. Date/Time
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MEDICAL PLAN (ICS 206 WF)

Medical Incident Report

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

1. CONTACT COMMUNICATIONS DECLARE: "MEDICAL EMERGENCY" OR "NON-EMERGENCY MEDICAL TRANSPORT"
Ex: "Communications, Div. Alpha. Stand-by for a medical emergency on Div. Alpha" (If life threatening request designated frequency be cleared for emergency traffic.)

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

- **Nature of Injury/Illness** Describe the injury (Ex: Broken leg with bleeding) _____
- **Incident Name** Geographic Name + "Medical" (Ex: Trout Meadow Medical) _____
- **Incident Commander (Division Sup. or designee)** Name of IC _____
- **Patient Care** Name of Care Provider (Ex: EMT Smith) _____

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

- **Number of Patients:** _____ - **Male / Female:** _____ - **Age:** _____ - **Weight:** _____
- **Conscious?** YES NO = MEDEVAC! - **Breathing?** YES NO = MEDEVAC!
- **Mechanism of Injury** What caused the injury? _____
- **Location, Lat/Long** (Datum WGS84) Ex: N 40° 42.45' x W 123° 03.24' _____

4. SEVERITY OF EMERGENCY, TRANSPORT PRIORITY

SEVERITY

- URGENT-RED** Life threatening injury or illness.
Ex: Unconscious, difficulty breathing, bleeding severely, 2° - 3° burns more than 4 palm sizes, heat stroke, disoriented.
- PRIORITY-YELLOW** Serious injury or illness.
Ex: Significant trauma, not able to walk, 2° - 3° burns not more than 1-2 palm sizes.
- ROUTINE-GREEN**
Not a life threatening injury or illness. Ex: Sprains, strains, minor heat-related illness.

TRANSPORT PRIORITY

- Ambulance or MEDEVAC helicopter. Evacuation need is **IMMEDIATE.**
- Ambulance or consider air transport if at remote location. Evacuation may be **DELAYED.**
- Non-Emergency. Evacuation considered **Route of Convenience.**

5. TRANSPORT PLAN:

Air Transport: (Agency Aircraft Preferred)

Helispot

Short-haul/Hoist

Life Flight

Other

Ground Transport:

Self-Extract

Carry-Out

Ambulance

Other

6. ADDITIONAL RESOURCE/EQUIPMENT NEEDS:

- Paramedic/EMT(s) SKED/Backboard/C-Collar Crew(s) Burn Supplies Oxygen
- Trauma Bag Medication(s) IV/Fluid(s) Cardiac Monitor/AED
- Other (i.e. splints, rope rescue, wheeled litter)

7. COMMUNICATIONS:

- Run Medical Emergency on Command

- Coordinate with air ambulance on CALCORD tone 6

8. EVACUATION LOCATION:

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

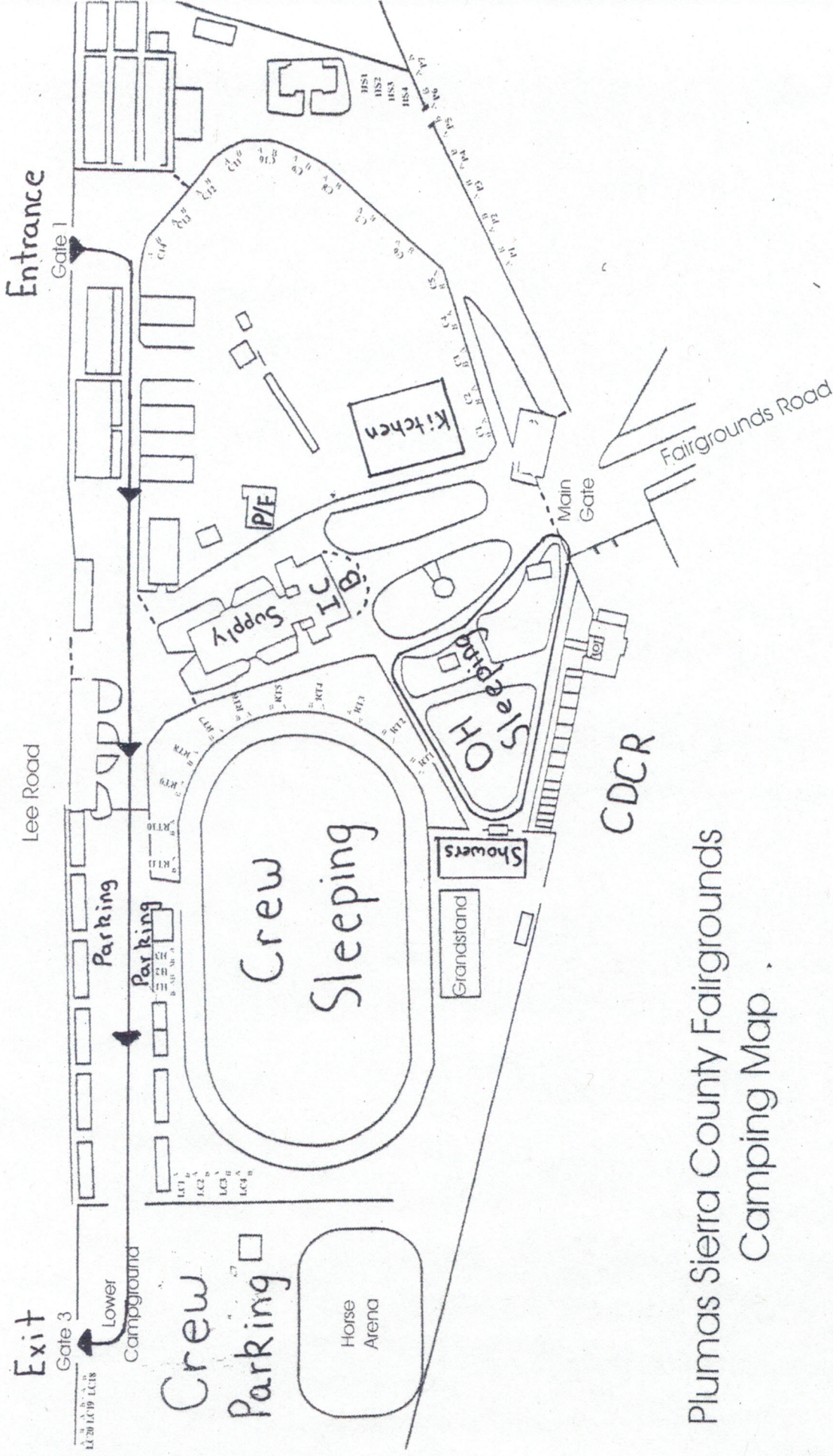
9. CONTINGENCY: If primary options fail, what actions can be implemented in conjunction with primary evacuation method? Be thinking ahead...

REMEMBER:

-Confirm ETA's of resources ordered

-Act according to your level of training

- If air or ground ambulance is **DELAYED:** Package and transport patient to rendezvous with incoming Ambulance.
Re-route EMS helicopter to rendezvous point as appropriate.



Plumas Sierra County Fairgrounds
Camping Map

- B - Briefing
- P - Plans
- F - Finance

E. Main St.

Unassigned

ACTIVITY LOG (ICS 214)

1. Incident Name:		2. Operational Period: Date From:		Date To:
3. Name:		Time From:		Time To:
4. ICS Position:		5. Home Agency (and Unit):		

6. Resources Assigned:		
Name	ICS Position	Home Agency (and Unit)

7. Activity Log:	
Date/Time	Notable Activities
<i>Overhead</i>	<i>Joe Duran TFLD 719 213 1500</i>
<i>0-16</i>	<i>TFLD/STEN-T Christopher Dean 530 258 9676</i>
<i>0-15</i>	<i>STEW Joe Waterman 530 816 0923</i>

8. Prepared by: Name: _____	Position/Title: _____	Signature: _____
ICS 214, Page 1	Date/Time: _____	

Unassigned

Ala Ala Zimmer

ACTIVITY LOG (ICS 214)

530 7905390

1. Incident Name: _____ 2. Operational Period: Date From: _____ Date To: _____
Time From: _____ Time To: _____

7. Activity Log (continuation):

Date/Time	Notable Activities
<i>Crews</i>	

Equipment

<i>E</i>	<i>Minerva 2 PNF E-22</i>	<i>5</i>	<i>Tommy Bronzovich</i>	<i>530 394 0162</i>
<i>E-8</i>	<i>Mayor E Contingency</i>	<i>4</i>	<i>Steve Quintero</i>	<i>602 576 8909</i>
<i>E-41</i>	<i>4660 C "D"</i>	<i>27</i>	<i>Mark Longshore</i>	<i>530 562 7049</i>
<i>E-30</i>	<i>XAL 2007C Contingency</i>	<i>21</i>	<i>Mike Hildebrand</i>	<i>510 460 5568</i>
<i>E-26</i>	<i>XSN 2376C Contingency</i>	<i>21</i>	<i>Jeff Holden</i>	<i>707 480 8594</i>
<i>E-21</i>	<i>XSC 2302A Structure tarp</i>	<i>22</i>	<i>Brian Glass</i>	<i>408 455 9129</i>
<i>E-23</i>	<i>OES 2807A Structure tarp</i>	<i>22</i>	<i>Jack Thomas</i>	<i>707 479 9409</i>
<i>E-24</i>	<i>XSM 2276A Structure tarp</i>	<i>22</i>	<i>Drew Flinders</i>	<i>650 743 6472</i>
<i>E-8 Minerva 4</i>	<i>BJA Greenville Ranchella E-1</i>	<i>5</i>	<i>Danny Manning</i>	<i>530 990 1480</i>
<i>E-16</i>	<i>OES WT 32 Structure</i>	<i>2</i>	<i>Matt Turner</i>	<i>530 816 1249</i>
<i>E-4</i>	<i>9148C "D"</i>	<i>19</i>	<i>Ricardo Rodriguez</i>	<i>916 802 3148</i>
<i>E-5</i>	<i>9212 C "D"</i>	<i>20</i>	<i>Carcer Noedlas</i>	<i>530 966 8683</i>
	<i>PNF D7 1 "A"</i>	<i>2</i>	<i>James Smith</i>	<i>775 843 2284</i>
	<i>9225 GRA Structure</i>	<i>4</i>	<i>Cody Ward</i>	<i>530 251 6914</i>

8. Prepared by: Name: _____ Position/Title: _____ Signature: _____
ICS 214, Page 2 Date/Time: _____