

SOUTH FIRE

Incident Action Plan

September 15 - 16, 2019 (0700 – 0700)




Strategic Firing Operations

- **Defensive: Keeping up with the fire activity before it pushes lines hard.**
- **Offensive: Tactical advantage to putting fire on the line as weather and fuels conditions are right.**
- **Safety is a major consideration of both.**
- **Always maintain L.C.E.S. and know the current and predicted weather**



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



| | | | |
|--|--|---|-----------------|
| INCIDENT OBJECTIVES | 1. Incident Name South | 2. Date 09/14/2019 | 3. Time 1900 |
| 4. Operational Period September 15, 2019 DAY-NIGHT SHIFT | | | |
| <p><u>CONTROL OBJECTIVES</u></p> <ol style="list-style-type: none"> 1) Keep Branch X within existing containment lines. 2) Keep the fire South of Nuisance Ridge and Humboldt Trail. 3) Keep the fire within the Yolla Bolly / Middle Eel Wilderness. <p><u>MANAGEMENT OBJECTIVES</u></p> <ol style="list-style-type: none"> 1) Provide for firefighter and public safety. 2) Implement strategies and tactics that commit responders to operations where and when they can be successful, and recognizing when tactics are unnecessary and/or increase exposure to fire responders and pilots. 3) Maintain a safe and positive working environment. 4) Protect private and Forest Service infrastructure and cultural and natural resources. 5) Limit long term impacts from suppression actions. | | | |
| 6. Weather Forecast for Period <ul style="list-style-type: none"> • See attached weather forecast. | | | |
| 7. General Safety Message <ul style="list-style-type: none"> • See attached safety messages. | | | |
| 8. Attachments (mark if attached) | | | |
| <input checked="" type="checkbox"/> Organization List - ICS 203 | <input checked="" type="checkbox"/> Medical Plan - ICS 206 | <input checked="" type="checkbox"/> Weather | |
| <input checked="" type="checkbox"/> Div. Assignment Lists - ICS 204 | <input checked="" type="checkbox"/> Incident Map | <input checked="" type="checkbox"/> ICS215a | |
| <input checked="" type="checkbox"/> Communications Plan - ICS 205 | <input checked="" type="checkbox"/> ICS 220 | <input type="checkbox"/> Rehab Considerations | |
| 9. Prepared by (Planning Section Chief) Jeffrey Buscher | 10. Approved by (Incident Commander) for  Dustan Mueller | | |

| ORGANIZATION ASSIGNMENT LIST | |
|---|---|
| 1. Incident Name South | |
| 2. Date September 14, 2019 | 3. Time 2000 |
| 4. Operational Period Day Shift, September 15, 2019 | |
| Position | Name |
| 5. Incident Commander and Staff | |
| Incident Commander | Dustan Mueller, Alan Taylor (t) |
| Deputy | |
| Safety Officer | Michele Tanzi, Jeff Barnhart, Jerry Drazinski (t) |
| Information Officer | Shawn Compton, Barbara Rebiskie, Chris Losi (t) |
| Liaison Officer | |
| Human Resources | Todd Morrow |
| 6. Agency Representative | |
| Agency Administrator | Tom Hall |
| Lead READ | Jessica Haglund |
| BLM ARGP | Jeremy Strait |
| Crane Mills Rep | Frank Barron |
| Tehama S.O. Rep | Andy Houghtby |
| CCC AREP | Chad Harris |
| | |
| | |
| 7. Planning Section | |
| Chief | Jeff Buscher, Paul Zerr (t) |
| Resources Unit | Krystle Gleason, Marisa Williams (t) |
| Situation Unit | Tad Morelock, John Hunter (t) |
| Demobilization Unit | Gary Deboi |
| Training | "Boston" Bernardo, Brian Lopez (t) |
| ITSS | George Steel, Jim Gonzalez (t) |
| GISS | Kent Bloomer, Devin Quintana, Jacob Baker (t) |
| FBAN | Stewart Turner, Richard Hannah (t) |
| IMET | Jim Dudley |
| LTAN | Eric Kronner (t) |
| SCKN | Veronica Garza, Brianne Boan (t) |
| | |
| 8. Logistics Section | |
| Chief | Richard Crowther |
| Ordering | Josh Ramey, Della Webb |
| Facilities Unit | Jeff Huhtala, Frank delCarlo |

| | |
|--|------------------------------------|
| Ground Support Unit | Mike Jellison |
| Equipment Manager | Mark Vardanega, Nick Lee |
| Communications Unit | Richard Stone |
| Medical Unit | Josh Ramey, Josh Hadley (t) |
| Receiving & Distribution | Fred Johnson |
| Food Unit | Jay Westlake, Alton Foster (t) |
| Security Manager | |
| 9. Operations Section | |
| Operations - Day | Kent Swartzlander, Robert Rice (t) |
| Operations - Night | Alec Lane |
| Planning Ops | Mike Klimek, Troy Mueller (t) |
| | |
| a. Division/Groups | |
| DAY | |
| Division/Group QQ | Billy Covert |
| Division/Group TT | Drew Brown, Jesse Schmidt (t) |
| Division/Group VV | Pete English, Manual Ortiz (t) |
| Division/Group XX | Adrian Villegas |
| Contingency | Robert Hickok, Keith Fields (t) |
| Division/Group Night TT | Andrew Myhra, Bill Sanders (t) |
| Division/Group Night VV | Matt Donnelly |
| Division/Group | |
| Division/Group | |
| Division/Group | |
| Division/Group | |
| Division/Group | |
| Division/Group | |
| Division/Group | |
| Division/Group | |
| Division/Group | |
| Division/Group | |
| Division/Group | |
| c. Air Operations Branch | |
| Air Operations Branch Director | Kerry Koskela |
| Air Support Group Supervisor | Kim Forcier |
| 10. Finance Section | |
| Chief | Lois Charlton |
| Time Unit | Holly Cardoza (t) |
| Equipment Time Recorder | Robert Jeter, Scott Smith (t) |
| Procurement | |
| Personnel Time Recorder | Ken Primrose, Barbara Ortega (t) |
| Prepared by (Resource Unit Leader) Gary R. Deboi | |



INCIDENT Weather Forecast



FORECAST NO: 7
PREDICTION FOR: Day/Night Shift
SHIFT DATE: 09/15/19
TIME AND DATE
FORECAST ISSUED: 1800 on 09/14/19

NAME OF FIRE: South
UNIT: Shasta Trinity National Forest
SIGNED: *Jim B Dudley*
Jim Dudley Incident Meteorologist

WEATHER DISCUSSION:

...Warm and Continued Dry Today... Much Cooler With Rain Late Tonight and Monday...

High pressure will weaken today as a Pacific storm system approaches the fire area. The airmass will remain relatively warm and dry through the day today and winds aloft will increase. A cold front will arrive tonight bringing rain...which will turn to showers along with the threat of a thunderstorm or two Monday afternoon. Rainfall amounts will generally be from 0.15 to 0.40 inches over the fire area. Temperatures will be much cooler Monday with around a 20 degree drop from Sunday. Weak high pressure will rebuild Tuesday and Wednesday before another weather disturbance approaches the region later in the week.

. SUNDAY . . .

Sky/weather.....Sunny in the morning. Partly cloudy in the afternoon.
CWR.....0 percent.
LAL.....1.
Max temperature....70-74 at 5000 feet and 82-85 at 2500 feet (including Branch X).
Min humidity.....25-28 percent at 5000 feet and 16-21 percent at 2500 feet.
Wind (20 ft).....Upslope/Upcanyon 2-5 mph through 1300 then southwest 7-11 mph
with gusts to around 20 mph after 1500.
Mixing height.....Increasing to around 6500 ft AGL.
Transport winds....Southwest around 25 mph.

. SUNDAY NIGHT . . .

Sky/weather.....Partly cloudy in the evening then becoming cloudy leading to a
60 percent chance of rain after 0300.
CWR.....40 percent.
LAL.....1.
Min temperature....40-45 at 5000 feet and 50-53 at 2500 feet (including Branch X).
Max humidity.....80-85 percent at 5000 feet and 70-75 percent at 2500 feet.
Wind (20 ft).....Southwest to west 16-21 mph with gusts to 30 mph in the
evening. Wind diminishing after 2300 to 5-9 mph with gusts to 15
mph.
Mixing height.....Lowering to around 2000 ft AGL.
Transport winds....Southwest around 20 mph.

. MONDAY . . .

Sky/weather.....Cloudy with a 90 percent chance of rain in the morning.
Mostly cloudy with a 40 percent chance of showers through the
Day and a 20 percent chance of thunderstorms after 1200.
CWR.....60 percent.
LAL.....2.
Max temperature....50-55 at 5000 feet and 60-65 at 2500 feet (including Branch X).
Min humidity.....55-60 percent at 5000 feet and 45-55 percent at 2500 feet.
Wind (20 ft).....Northwest 5-10 mph...except erratic and gusty near thunderstorms.
Mixing height.....Increasing to around 5000 ft AGL.
Transport winds....West around 15 mph.

FIRE BEHAVIOR FORECAST

| | |
|---------------------------------------|---|
| FORECAST NUMBER: 9 | OPERATIONAL PERIOD: Day/Night 9/15 |
| FIRE NAME: CA-SHF-001209- South Fire | SIGNED: Eric Kronner LTAN(t)/ Stewart Turner (FBAN) |
| DATE AND TIME ISSUED: 09/14/2019 1900 | |

INPUTS

WEATHER SUMMARY: Warm and Dry and Windy! The pattern will shift and become cooler and wet in the later evening early morning.

FIRE BEHAVIOR: The temperatures and humidity will be slightly moderated today. Increased south west winds, especially the **20mph gusts** expected between 2000-2400 will allow fire behavior to be extremely active. **All night shift resources prepare for a cold, windy, and wet evening with rains predicted to start at 0300.**

GENERAL:

Fuels in the area range from grass in the lower elevations (cured), and heavy brush in mid elevations (below average fuel moistures) and timber in the higher elevations and on the north aspects. The fire is in a Fuels and Fire Behavior Advisory for above average fuel loading.

The topography ranges from rolling hills to steep drainages. The drainages can be narrow and will funnel predominant winds. Ridgetops are also narrow, expect sloop overs and spots on fire challenged ridgetops.

Historic fires in the area includes several large fires from the 2008 season, including the immediately adjacent Iron Fire. These fires have occurred long enough ago that the resulting fuel condition does not deter fire growth.

SPECIFIC:

Div XX- No fire behavior is expected.

Div VV- As crews continue to fire along the Humboldt Trail ridge south west winds will test the previous shifts ignitions. Winds will be in alignment and can push fire in the canyon bottom uphill with rapid rates of spread and very high flame lengths. Expect ¼ to ½ mile spotting. **Fire will be below the operations in this division.**

Div TT- This division is going to be experiencing fire behavior from the firing operations. Strong south west winds will push hard against this fire, and new spots and slops will be the most concern with the potential for active fire growth and high flame lengths. Additionally unburnt fuels far below this division in the canyon bottom will be pre-heated, increasing uphill run potential.

Div QQ- Fire has not yet crossed the South Cottonwood Creek, a southwest wind would aid in suppression operations. Spots, slops, and burned out trees continue to be a threat in this division.

Contingency Group- Fire lit on the previous shift will have a chance to receive high winds in alignment. These winds will produce active to extreme fire behavior and could throw spots ¼ to ½ mile. Resources should remain vigilant for increased fire behavior in Div TT and Div VV.

Branch X- (DIV PP, Div MM, Div KK)

Minimal fire activity. No uncontrolled growth expected. Possibility for spotting remains, especially in Div PP. Monitor for fire weakened trees, stump holes and rolling debris.

AIR OPERATIONS:

Clear except areas of smoke. No inversion expected. Gusty winds may restrict helicopter availability.

SAFETY

Rate of spread for a spot fire on flat ground in a brush fuel model (SH5) with 5 mph winds=56 chains per hour. 20 mph winds=279 chains per hour. Watch your winds!

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

| | | | |
|------------------------------------|-----|----------------------------------|----------------------------------|
| 1. Incident Name: | | 3. | |
| SOUTH FIRE | | Branch: | Division/Group: QQ |
| 2. Operational Period: DAY | | | |
| Date/Time From: 09/15/2019 0700 | SUN | Date/Time To: 09/15/2019 1900 | SUN |

| 4. Operations Personnel | | | |
|--------------------------------|--------------------------------------|----------------------------------|--------------|
| OPERATIONS CHIEF | KENT SWARTZLANDER ROBERT RICE (T) | DIVISION/GROUP SUPERVISOR | BILLY COVERT |
| PLANNING OPS | MIKE KLIMEK TROY MUELLER (T) | AIR ATTACK SUPERVISOR | |

| 5. Resources Assigned this Period | | | | | |
|--|-------|-------------------|----------------|-------------------|------------------|
| Strike Team / Task Force / Resource Designator | LWD | Leader | Number Persons | Drop Off PT./Time | Pick Up PT./Time |
| WFM WARM SPRINGS (O-16) | 09/21 | ROBERT SJOLUND | 10 | SPIKE CAMP/0700 | ICP/1900 |
| WFM MAMMOTH (O-78) | 09/24 | ZACK SELMSER | 9 | SPIKE CAMP/0700 | ICP/1900 |
| EMPF TRUBIN (O-48) | 09/22 | VLADIMIR TRUBIN | 1 | ICP/0700 | ICP/1900 |
| EMTF BENNETT-SNOW (O-31) | 09/21 | JOSH BENNETT-SNOW | 1 | ICP/0700 | ICP/1900 |
| SOF2 MORLOCK (O-27) | 09/22 | JOHN MORLOCK | 1 | SPIKE CAMP/0700 | ICP/1900 |
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| | | | | | |
| | | | | | |

6. Control Operations/Work Assignments:

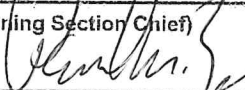
Patrol and monitor fire behavior North of Cottonwood Creek.

Improve existing road and trail system South of Cottonwood Creek along wilderness border for contingency line.

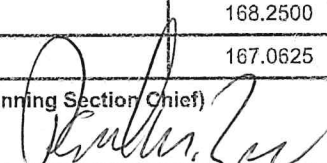
7. Special Instructions:

Utilize MIST tactics in wilderness.

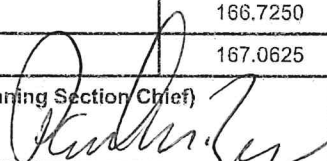
| 8. Division/Group Communication Summary | | | | | | |
|--|-----------|------------------|-------------|------------------|-------------|------|
| Function | Channel | RX Frequency N/W | RX Tone/NAC | TX Frequency N/W | TX Tone/NAC | Mode |
| COMMAND | 1 (CMD 1) | 170.4500 | | 168.1000 | T-9 (100.0) | A |
| COMMAND | 2 (CMD 2) | 169.5375 | | 164.7125 | T-9 (100.0) | A |
| TACTICAL | 4 (TAC 3) | 168.6000 | | 168.6000 | T-9 (100.0) | A |
| AIR TO GROUND | 14 (A/G) | 167.0625 | | 167.0625 | | A |

| | | | |
|---|---|---------------------------|---------------------|
| 9. Prepared By (Resource Unit Leader) KRYSTLE GLEASON / MARISA WILLIAMS (T) | Approved By (Planning Section Chief) PAUL ZERR (T)  | Date 09/14/2019 | Time 2129 |
|---|---|---------------------------|---------------------|

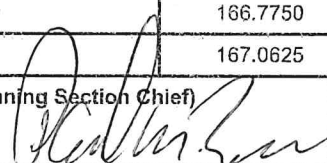
Division/Group Assignment List (ICS 204 WF)
Controlled Unclassified Information//Basic

| | | | | | | |
|--|-----------|--|----------------|---------------------------|------------------|---------------------------------|
| 1. Incident Name: | | | 3. | | | |
| SOUTH FIRE | | | Branch: | | Division/Group: | |
| 2. Operational Period: DAY | | | | | TT | |
| Date/Time From: 09/15/2019 0700 | SUN | Date/Time To: 09/15/2019 1900 | SUN | | | |
| 4. Operations Personnel | | | | | | |
| OPERATIONS CHIEF | | KENT SWARTZLANDER ROBERT RICE (T) | | DIVISION/GROUP SUPERVISOR | | DREW BROWN JESSE SCHMIDT (T) |
| PLANNING OPS | | MIKE KLIMEK TROY MUELLER (T) | | AIR ATTACK SUPERVISOR | | |
| 5. Resources Assigned this Period | | | | | | |
| Strike Team / Task Force / Resource Designator | LWD | Leader | Number Persons | Drop Off PT./Time | Pick Up PT./Time | |
| HC1 IDAHO PANHANDLE IHC (C-1) | 09/22 | CHRIS SMITH | 21 | SPIKE 100/0700 | SPIKE 100/1900 | |
| HC1 ARROYO GRANDE IHC (C-22) | 09/27 | MIKE HICKEY | 19 | SPIKE 100/0700 | SPIKE 100/1900 | |
| HC2I OHIO STATE CREW (C-7) | 09/23 | RON CARTER | 20 | SPIKE 100/0700 | SPIKE 100/1900 | |
| HC2 PACIFIC OASIS (C-15) | 09/23 | DONOVAN CULP | 20 | SPIKE 100/0700 | SPIKE 100/1900 | |
| HC2 BIRRUETA (C-9) | 09/21 | ANTONIO BIRRUETA | 1 | SPIKE 100/0700 | SPIKE 100/1900 | |
| ENG3 FIRESTORM 9908 (E-4) | 09/17 | JAMES AURENTZ | 3 | SPIKE 100/0700 | SPIKE 100/1900 | |
| ENG6 VOLCANO 1 (E-7) | 09/19 | JOHN WICKSTROM | 3 | SPIKE 100/0700 | SPIKE 100/1900 | |
| ENG6 MT ADAMS 624 (E-8) | 09/20 | CHUCK NEWBERRY | 3 | SPIKE 100/0700 | SPIKE 100/1900 | |
| FELB SMITH (O-40) | 09/23 | PAUL SMITH | 1 | ICP/0700 | ICP/1900 | |
| FMOD MILLER WOOD (O-121) | 09/24 | SAM HOLSTAD/MARTIN PICKLE | 2 | ICP/0700 | ICP/1900 | |
| TFLD WEBB (O-86) | 09/24 | JOSEPH WEBB | 1 | ICP/0700 | ICP/1900 | |
| TFLD(T) BAILEY (O-151) | 09/27 | JACOB BAILEY | 1 | ICP/0700 | ICP/1900 | |
| HEQB HUFFMAN (O-87) | 09/24 | MICHAEL HUFFMAN | 1 | ICP/0700 | ICP/1900 | |
| FOBS MALONEY (O-131) | 09/21 | JAMES MALONEY | 1 | ICP/0700 | ICP/1900 | |
| FOBS CANN (O-44) | 09/22 | BRUCE CANN | 1 | ICP/0700 | ICP/1900 | |
| FOBS SCHROEDER (O-129) | 09/23 | KRIS SCHROEDER | 1 | ICP/0700 | ICP/1900 | |
| READ GRAVES (O-63) | 09/22 | KENNETH GRAVES | 1 | ICP/0700 | ICP/1900 | |
| REAF FALCONE (O-143) | | ARIELLE FALCONE | 1 | ICP/0700 | ICP/1900 | |
| EMPF GARRIGUES (O-156) | 09/28 | CHRISTOPHER GARRIGUES | 1 | ICP/0700 | ICP/1900 | |
| SOFR2 BARNHART (O-37.25) | 09/22 | JEFF BARNHART | 1 | SPIKE 100/0700 | SPIKE 100/1900 | |
| 8. Division/Group Communication Summary | | | | | | |
| Function | Channel | RX Frequency N/W | RX Tone/NAC | TX Frequency N/W | TX Tone/NAC | Mode |
| COMMAND | 1 (CMD 1) | 170.4500 | | 168.1000 | T-9 (100.0) | A |
| COMMAND | 2 (CMD 2) | 169.5375 | | 164.7125 | T-9 (100.0) | A |
| TACTICAL | 7 (TAC 6) | 168.2500 | | 168.2500 | T-9 (100.0) | A |
| AIR TO GROUND | 14 (A/G) | 167.0625 | | 167.0625 | | A |
| 9. Prepared By (Resource Unit Leader) | | Approved By (Planning Section Chief) | | Date | Time | |
| KRYSTLE GLEASON / MARISA WILLIAMS (T) | | PAUL ZERR (T)  | | 09/14/2019 | 2129 | |

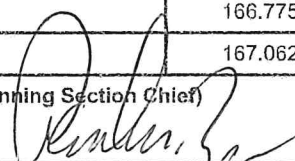
Division/Group Assignment List (ICS 204 WF)
Controlled Unclassified Information//Basic

| | | | | | | |
|--|-----------|--|---------------------------------|---------------------------|-------------------|----------------------------------|
| 1. Incident Name: | | | 3. | | | |
| SOUTH FIRE | | | Branch: | | Division/Group: | |
| 2. Operational Period: DAY | | | | | VV | |
| Date/Time From: 09/15/2019 0700 SUN | | Date/Time To: 09/15/2019 1900 SUN | | | | |
| 4. Operations Personnel | | | | | | |
| OPERATIONS CHIEF | | KENT SWARTZLANDER ROBERT RICE (T) | | DIVISION/GROUP SUPERVISOR | | PETE ENGLISH MANUEL ORTIZ (T) |
| PLANNING OPS | | MIKE KLIMEK TROY MUELLER (T) | | AIR ATTACK SUPERVISOR | | |
| 5. Resources Assigned this Period | | | | | | |
| Strike Team / Task Force / Resource Designator | | LWD | Leader | Number Persons | Drop Off PT./Time | Pick Up PT./Time |
| HC1 TRINITY IHC (C-17) | | 09/23 | RICHARD REPOSA | 19 | SPIKE 100/0700 | SPIKE 100/1900 |
| HC1 SNAKE RIVER IHC (C-4) | | 09/23 | KENNY BOCHNIAK | 19 | SPIKE 100/0700 | SPIKE 100/1900 |
| HC1 WYOMING IHC (C-2) | | 09/23 | MATT PRENTISS | 20 | SPIKE 100/0700 | SPIKE 100/1900 |
| HC2I FEATHER RIVER (C-16) | | 09/24 | ANDRE MORENO | 20 | SPIKE 100/0700 | SPIKE 100/1900 |
| HC2I NOREAST INTERAGENCY (C-6) | | 09/22 | JOHN JANELLE | 20 | SPIKE 100/0700 | SPIKE 100/1900 |
| HC2 WEST COAST (C-14) | | 09/23 | HOMERO HERNANDEZ | 20 | ICP/0700 | ICP/1900 |
| S/T 1608 C (E-10) | | 09/22 | HECTOR SANCHEZ | 26 | SPIKE 100/0700 | SPIKE 100/1900 |
| WTS2 T AND S DVBE 1 (E-12) | | 09/21 | CASEY FRESHOUR | 1 | ICP/0700 | ICP/1900 |
| WTS2 T AND S DVBE 2 (E-13) | | 09/21 | MICHAEL GRAVES | 1 | ICP/0700 | ICP/1900 |
| WTS2 HOGETTS (E-14) | | 09/25 | TURK MONK | 1 | ICP/0700 | ICP/1900 |
| WTS3 DIETZ EQUIPMENT (E-22) | | 09/21 | WAYNE CONNER | 1 | ICP/0700 | ICP/1900 |
| FELB PENNACCHIO (O-80) | | 09/24 | MIKE PENNACCHIO | 1 | ICP/0700 | ICP/1900 |
| FELB BRAUN (O-96) | | 09/25 | ANDREW BRAUN | 1 | ICP/0700 | ICP/1900 |
| FMOD AMERICAN TIMBER AND FIRE (O-69) | | 09/21 | JOE SULLIVAN /RAYMOND SCHLATTER | 2 | ICP/0700 | ICP/1900 |
| FMOD NORTH ZONE FALLERS 13 (O-70) | | 09/21 | LUKE HELFINSTINE/DUSTAN WELLS | 2 | ICP/0700 | ICP/1900 |
| FMOD NORTH ZONE FALLERS (O-122) | | 09/24 | NICK STACHER/MARK WILSON | 2 | ICP/0700 | ICP/1900 |
| TFLD CHARTIER (O-21) | | 09/22 | CODY CHARTIER | 1 | SPIKE 100/0700 | SPIKE 100/1900 |
| TFLD (T) ROHRS (O-64) | | 09/20 | KEITH ROHRS | 1 | ICP/0700 | ICP/1900 |
| READ/REAF HAGLUND (O-65) | | 09/21 | JESSICA HAGLUND | 1 | ICP/0700 | ICP/1900 |
| 8. Division/Group Communication Summary | | | | | | |
| Function | Channel | RX Frequency N/W | RX Tone/NAC | TX Frequency N/W | TX Tone/NAC | Mode |
| COMMAND | 1 (CMD 1) | 170.4500 | | 168.1000 | T-9 (100.0) | A |
| COMMAND | 2 (CMD 2) | 169.5375 | | 164.7125 | T-9 (100.0) | A |
| TACTICAL | 5 (TAC 4) | 166.7250 | | 166.7250 | T-9 (100.0) | A |
| AIR TO GROUND | 14 (A/G) | 167.0625 | | 167.0625 | | A |
| 9. Prepared By (Resource Unit Leader) | | Approved By (Planning Section Chief) | | Date | Time | |
| KRYSTLE GLEASON / MARISA WILLIAMS (T) | | PAUL ZERR (T)  | | 09/14/2019 | 2129 | |

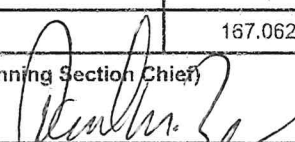
Division/Group Assignment List (ICS 204 WF)
Controlled Unclassified Information//Basic

| | | | | | | |
|---|--------------------------------------|--|------------------------|-------------------|------------------|------|
| 1. Incident Name: | | 3. | | | | |
| SOUTH FIRE | | Branch: | Division/Group: | | | |
| 2. Operational Period: DAY | | | | | | |
| Date/Time From: 09/15/2019 0700 | SUN | Date/Time To: 09/15/2019 1900 | SUN | | | |
| 4. Operations Personnel | | | | | | |
| OPERATIONS CHIEF | KENT SWARTZLANDER ROBERT RICE (T) | DIVISION/GROUP SUPERVISOR | ADRIAN VILLEGAS | | | |
| PLANNING OPS | MIKE KLIMEK TROY MUELLER (T) | AIR ATTACK SUPERVISOR | | | | |
| 5. Resources Assigned this Period | | | | | | |
| Strike Team / Task Force / Resource Designator | LWD | Leader | Number Persons | Drop Off PT./Time | Pick Up PT./Time | |
| HC2 BIRRUETA (C-10) | 09/21 | JOSE IBARRA | 20 | SPIKE 100/0700 | SPIKE 100/1900 | |
| ENG3 JACKSONVILLE 25 (E-2) | 09/19 | LUKE SCHONEBERGER | 3 | ICP/0700 | ICP/1900 | |
| ENG3 FIREMOG 442 (E-3) | 09/19 | KEVIN STULTZ | 3 | ICP/0700 | ICP/1900 | |
| WTS2 VALLEY TIMBER (E-11) | 09/21 | CHRIS CONRAD | 1 | ICP/0700 | ICP/1900 | |
| WTS2 WARREN PARTRIDGE (E-66) | 09/23 | CHEQUITA PEACOCK | 1 | ICP/0700 | ICP/1900 | |
| WTS2 DARRAH LOGGING (E-77) | 09/24 | RICK RESH | 1 | ICP/0700 | ICP/1900 | |
| TFLD NORMAN (O-118) | 09/21 | JONATHAN NORMAN | 1 | ICP/0700 | ICP/1900 | |
| TFLD(T) GILBERT (O-91) | 09/24 | GREG GILBERT | 1 | ICP/0700 | ICP/1900 | |
| HEQB HOGGARD (O-79) | 09/24 | WILLIE HOGGARD | 1 | ICP/0700 | ICP/1900 | |
| HEQB BERNARDI (O-26) | 09/22 | CARL BERNARDI | 1 | ICP/0700 | ICP/1900 | |
| HEQB(T) HALL (O-102) | 09/24 | JAMES HALL | 1 | ICP/0700 | ICP/1900 | |
| HEQB(T) LOSCUDO (O-101) | 09/24 | SEAN LOSCUDO | 1 | ICP/0700 | ICP/1900 | |
| DO22 NORTHWESTERN (E-61) | 09/23 | KENNY DINNING | 2 | ICP/0700 | ICP/1900 | |
| DO22 HENTHORN (E-60) | 09/23 | JEFF HENTHORN | 2 | ICP/0700 | ICP/1900 | |
| GRD2 SFMU (E-9) | 09/26 | MICHAEL BEAL/SHANNON WILLIAMS | 1 | ICP/0700 | ICP/1900 | |
| CHIP2 NORTH ZONE (E-90) | 09/26 | DUANE STACHER/NATHAN KOOPMAN | 2 | ICP/0700 | ICP/0700 | |
| FOBS OBERHARDT (O-43) | 09/22 | BRANDON OBERHARDT | 1 | ICP/0700 | ICP/1900 | |
| FOBS(T) AZEVEDO (O-115) | 09/25 | PAUL AZEVEDO | 1 | ICP/0700 | ICP/1900 | |
| REAF ANDERSON (O-62) | 09/19 | GALEN ANDERSON | 1 | ICP/0700 | ICP/1900 | |
| EMPF ZUNIGA (O-49) | 09/22 | DANIEL ZUNIGA | 1 | SPIKE 100/0700 | SPIKE 100/1900 | |
| 8. Division/Group Communication Summary | | | | | | |
| Function | Channel | RX Frequency N/W | RX Tone/NAC | TX Frequency N/W | TX Tone/NAC | Mode |
| COMMAND | 1 (CMD 1) | 170.4500 | | 168.1000 | T-9 (100.0) | A |
| COMMAND | 2 (CMD 2) | 169.5375 | | 164.7125 | T-9 (100.0) | A |
| TACTICAL | 6 (TAC 5) | 166.7750 | | 166.7750 | T-9 (100.0) | A |
| AIR TO GROUND | 14 (A/G) | 167.0625 | | 167.0625 | | A |
| 9. Prepared By (Resource Unit Leader) | | Approved By (Planning Section Chief) | | Date | Time | |
| KRYSTLE GLEASON / MARISA WILLIAMS (T) | | PAUL ZERR (T)  | | 09/14/2019 | 2129 | |

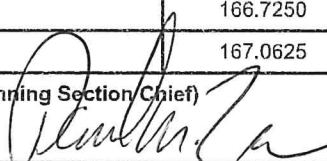
Division/Group Assignment List (ICS 204 WF)
Controlled Unclassified Information//Basic

| | | | | | | |
|---|-----------|---|--|----------------------------------|------------------------|------------------|
| 1. Incident Name: | | | 3. | | | |
| SOUTH FIRE | | | Branch: | | Division/Group: | |
| 2. Operational Period: DAY | | | | | XX | |
| Date/Time From: 09/15/2019 0700 SUN | | Date/Time To: 09/15/2019 1900 SUN | | | | |
| 4. Operations Personnel | | | | | | |
| OPERATIONS CHIEF | | KENT SWARTZLANDER ROBERT RICE (T) | | DIVISION/GROUP SUPERVISOR | | ADRIAN VILLEGAS |
| PLANNING OPS | | MIKE KLIMEK TROY MUELLER (T) | | AIR ATTACK SUPERVISOR | | |
| 5. Resources Assigned this Period | | | | | | |
| Strike Team / Task Force / Resource Designator | | LWD | Leader | Number Persons | Drop Off PT./Time | Pick Up PT./Time |
| EMTF HAMER (O-30) | | 09/22 | BRYAN HAMER | 1 | SPIKE 100/0700 | SPIKE 100/1900 |
| SOFR GOUGHNOUR (O-124) | | 09/25 | ALBERT GOUGHNOUR | 1 | SPIKE 100/0700 | SPIKE 100/1900 |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| 6. Control Operations/Work Assignments: | | | | | | |
| Provide structure protection around Buck camp. | | | | | | |
| Patrol fires edge. | | | | | | |
| Chip Slash on roads that have been previously brushed. | | | | | | |
| 7. Special Instructions: | | | | | | |
| Make sure to wear proper PPE around chipper and do tailgate safety session. | | | | | | |
| All new crews working with chipper review and sign the JHA (Job Hazard Analysis). | | | | | | |
| HOOPA AMBULANCE WILL BE @ DP-110 DURING DAY SHIFT, UNLESS DIRECTED OTHERWISE. | | | | | | |
| AMBULANCE WILL BE SPIKED @ DP-100 DURING NIGHT SHIFT, AVAILABLE TO RESPOND IF NEEDED. | | | | | | |
| 8. Division/Group Communication Summary | | | | | | |
| Function | Channel | RX Frequency N/W | RX Tone/NAC | TX Frequency N/W | TX Tone/NAC | Mode |
| COMMAND | 1 (CMD 1) | 170.4500 | | 168.1000 | T-9 (100.0) | A |
| COMMAND | 2 (CMD 2) | 169.5375 | | 164.7125 | T-9 (100.0) | A |
| TACTICAL | 6 (TAC 5) | 166.7750 | | 166.7750 | T-9 (100.0) | A |
| AIR TO GROUND | 14 (A/G) | 167.0625 | | 167.0625 | | A |
| 9. Prepared By (Resource Unit Leader) | | | Approved By (Planning Section Chief) | | Date | Time |
| KRYSTLE GLEASON / MARISA WILLIAMS (T) | | | PAUL ZERR (T)  | | 09/14/2019 | 2129 |

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

| | | | | | | |
|--|---|--|--------------------|---------------------------|------------------|-----------------------------------|
| 1. Incident Name: | | | 3. | | | |
| SOUTH FIRE | | | Branch: | | Division/Group: | |
| 2. Operational Period: DAY | | | CONTINGENCY | | | |
| Date/Time From: 09/15/2019 0700 SUN | Date/Time To: 09/15/2019 1900 SUN | | | | | |
| 4. Operations Personnel | | | | | | |
| OPERATIONS CHIEF | | KENT SWARTZALANDER ROBERT RICE (T) | | DIVISION/GROUP SUPERVISOR | | ROBERT HICKOK KEITH FIELDS (T) |
| PLANNING OPS | | MIKE KLIMEK TROY MUELLER (T) | | AIR ATTACK SUPERVISOR | | |
| 5. Resources Assigned this Period | | | | | | |
| Strike Team / Task Force / Resource Designator | LWD | Leader | Number Persons | Drop Off PT./Time | Pick Up PT./Time | |
| HC2 PATRICK ENVIRONMENTAL (C-8) | 09/21 | PHILLIP RIDGLEY | 20 | ICP/0700 | ICP/1900 | |
| ENG3 SHF 63 (E-103) | | | | ICP/1000 | ICP/1900 | |
| ENG3 SHF 343 | | | | ICP/1000 | ICP/1900 | |
| ENG3 HOOPA 9533 (E-101) | 09/27 | FERMIN SANCHEZ | 4 | ICP/0700 | ICP/1900 | |
| WTT2 LOOMIS FIRE (E-37) | 09/24 | RONNIE HERNANDEZ | 2 | ICP/0700 | ICP/1900 | |
| TFLD JAMES KRIZMAN (O-20) | 09/22 | JAMES KRIZMAN | 1 | ICP/0700 | ICP/1900 | |
| TFLD(T) ROY (C-4.5) | 09/23 | DAVID ROY | 1 | ICP/0700 | ICP/1900 | |
| EMPF ZUNIGA (O-49) | 09/22 | DANIEL ZUNIGA | 1 | ICP/0700 | ICP/1900 | |
| EMTF HAMER (O-30) | 09/22 | BRYAN HAMER | 1 | ICP/0700 | ICP/1900 | |
| 6. Control Operations/Work Assignments: | | | | | | |
| Provide structure protection in DP-110 and DP-115 area. | | | | | | |
| Scout road systems between Road 35 and Humboldt Trail for access and additional contingency lines. | | | | | | |
| 7. Special Instructions: | | | | | | |
| HOOPA AMBULANCE WILL BE PRIMARY LINE AMBULANCE THAT WILL BE @ DP-110 UNLESS DIRECTED OTHERWISE. | | | | | | |
| HOOPA AMBULANCE SPIKED @ DP-100 DURING NIGHT SHIFT AVAILABLE TO RESPOND IF NEEDED. | | | | | | |
| 8. Division/Group Communication Summary | | | | | | |
| Function | Channel | RX Frequency N/W | RX Tone/NAC | TX Frequency N/W | TX Tone/NAC | Mode |
| COMMAND | 1 (CMD 1) | 170.4500 | | 168.1000 | T-9 (100.0) | A |
| COMMAND | 2 (CMD 1) | 169.5375 | | 164.7125 | T-9 (100.0) | A |
| TACTICAL | 3 (TAC 1) | 168.0500 | | 168.0500 | T-9 (100.0) | A |
| AIR TO GROUND | 14 (A/G) | 167.0625 | | 167.0625 | | A |
| 9. Prepared By (Resource Unit Leader) | | Approved By (Planning Section Chief) | | Date | Time | |
| KRYSTLE GLEASON / MARISA WILLIAMS (T) | | PAUL ZERR (T)  | | 09/14/2019 | 2129 | |

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

| | | | | | | |
|--|-----------|--|-----------------|---|-------------------|------------------|
| 1. Incident Name: | | | 3. | | | |
| SOUTH FIRE | | | Branch: | | Division/Group: | |
| 2. Operational Period: NIGHT | | | | | NIGHT VV | |
| Date/Time From: 09/15/2019 1900 SUN | | Date/Time To: 09/16/2019 0700 MON | | | | |
| 4. Operations Personnel | | | | | | |
| OPERATIONS CHIEF | | ALEC LANE ROBERT RICE (T) | | DIVISION/GROUP SUPERVISOR MATT DONNELLY | | |
| PLANNING OPS | | MIKE KLIMEK TROY MUELLER (T) | | AIR ATTACK SUPERVISOR | | |
| 5. Resources Assigned this Period | | | | | | |
| Strike Team / Task Force / Resource Designator | | LWD | Leader | Number Persons | Drop Off PT./Time | Pick Up PT./Time |
| HC1 DEL ROSA IHC (C-23) | | 09/28 | DAVID VORERO | 19 | ICP /1900 | ICP/0700 |
| HC2I PENNSYLVANIA CREW (C-19) | | 09/23 | JAKE GLICK | 20 | ICP /1900 | ICP/0700 |
| ENG3 SHF 12 (E-102) | | 09/28 | KENNETH VAUGHN | 5 | ICP/0700 | ICP/1900 |
| ENG3 HOOPA 9532 (E-1) | | 09/19 | ROCKY COLEGROVE | 4 | ICP /1900 | ICP/0700 |
| ENG6 BELLA 452 (E-6) | | 09/22 | LIEF LARSON | 3 | ICP /1900 | ICP/0700 |
| WTT2 TRI-STATE FIRE 74 (E-36) | | 09/23 | FRANCESCO MOORE | 2 | ICP /1900 | ICP/0700 |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| 6. Control Operations/Work Assignments: | | | | | | |
| Patrol and secure fireline from burnout operations along 9W36 Humboldt trail from DP120 Northwest to division break. | | | | | | |
| Provide point protection as needed in Glade, Buck Camp, and Tomhead Mountain. | | | | | | |
| 7. Special Instructions: | | | | | | |
| Use East travel corridor for travel in and out. | | | | | | |
| HOOPA AMBULANCE WILL BE PRIMARY LINE AMBULANCE THAT WILL BE @ DP-110 UNLESS DIRECTED OTHERWISE. | | | | | | |
| HOOPA AMBULANCE SPIKED @ DP-100 DURING NIGHT SHIFT AVAILABLE TO RESPOND IF NEEDED. | | | | | | |
| 8. Division/Group Communication Summary | | | | | | |
| Function | Channel | RX Frequency N/W | RX Tone/NAC | TX Frequency N/W | TX Tone/NAC | Mode |
| COMMAND | 1 (CMD 1) | 170.4500 | | 168.1000 | T-9 (100.0) | A |
| COMMAND | 2 (CMD 2) | 169.5375 | | 164.7125 | T-9 (100.0) | A |
| TACTICAL | 5 (TAC 4) | 166.7250 | | 166.7250 | T-9 (100.0) | A |
| AIR TO GROUND | 14 (A/G) | 167.0625 | | 167.0625 | | A |
| 9. Prepared By (Resource Unit Leader) | | Approved By (Planning Section Chief) | | Date | Time | |
| KRYSTLE GLEASON / MARISA WILLIAMS (T) | | PAUL ZERR (T)  | | 09/14/2019 | 2129 | |

AIR OPERATIONS SUMMARY

Prepared By: Kerry Koskela

Prepared Date: 14 Sept, 2019

Prepared Time: 1700

| | | | | | |
|---|---|----------------------------|--|--------------------------|-------------------------|
| 1. INCIDENT NAME: South Fire | 2. OPS PERIOD DATE: 15 Sept, 2019 | START TIME: 0700 | END TIME: 2000 | SUNRISE: 06:50 | SUNSET: 19:18 |
| 3. REMARKS (Safety Notes, Hazards, Air Operations Special Equipment, etc.): 3000 Gallon dip tank at helispot – 100 for use by medium helicopters. Airport has flight school and local weekend traffic, use caution. Be aware of Red Bank aviation assets possibly in the route between the fire and helibase. | | | | | |
| 4. READY ALERT AIRCRAFT MEDEVAC - See Medical Plan | | | 5. TFR #: 9/9655 Altitude: 11,000' MSL Frequency : 132.2750 Polygon corners: 40° 15.00"N X 122° 58.00"W 40° 15.00"N X 122° 45.00"W 40° 02.00"N X 122° 45.00"W 40° 02.00"N X 122° 58.00"W | | |

| 6. PERSONNEL | NAME | PHONE # | 7. FREQUENCIES | AM | FM | 8. FIXED-WING- Type/ Make-Model/ N#/ Base |
|--------------|-----------------|--------------|---------------------------------|----------|--------------------------------|--|
| AOBD | Kerry Koskela | 559-359-2122 | FAA tower | 119.4250 | | |
| ASGS | Kim Forcier | 541-604-4474 | Air to Air R/W & TFR | 132.2750 | | AIRTANKERS- TBA |
| ATGS | | | Air Tactics F/W | | 169.4875 | LEAD PLANES- TBA |
| HLCO (H507) | Mark Babieracki | 970-946-4800 | Air to Ground | | 167.0625 | ATGS AIRCRAFT- request as needed |
| HLCO (H74T) | Luke Abell | 808-345-6979 | DECK | | 163.1000 | |
| HEB1 | Tyler Detrick | 530-925-9668 | Command see ICS 205 | | | Misc. |
| | | | CALCORD tone guarded both sides | | 156.0750 Tone 6 (156.7)Tx & Rx | |
| | | | Air Guard | | 168.6250 Tone 1 (110.9)Tx & Rx | |

9. HELICOPTERS (Use Additional Sheets as Necessary)

| Call Sign | TY | MAKE/ MODEL | BASE | AVAIL | START | REMARKS | Call Sign | TY | MAKE/ MODEL | BASE | AVAIL | START | REMARKS |
|-----------|----|-------------|-----------|-------|-------|---------|-----------|----|-------------|-----------|-------|-------|---------|
| 3CH | 1 | CH47D | Red Bluff | 0700 | 0800 | A-12 | 74H | 3 | Bell407 | Red Bluff | 0700 | 0800 | A-15 |
| 1KA | 1 | KMAX | Red Bluff | 0700 | 0800 | A-13 | H-506 | 2 | Bell 205 | Red Bluff | 0700 | 0800 | A-8 |
| 9CH | 1 | CH47D | Red Bluff | 0700 | 0800 | A-17 | H-520 | 2 | Bell 205 | Red Bluff | 0700 | 0800 | A-28 |
| 3FH | 1 | UH-60 | Red Bluff | 0700 | 0800 | A-18 | | | | | | | |
| 4TH | 1 | KMAX | Red Bluff | 0700 | 0800 | A-24 | | | | | | | |
| 5PJ | 1 | UH-60 | Red Bluff | 0700 | 0800 | A-25 | H-507 | 2 | Cobra | Redding | 0800 | 0900 | HLCO |

10. MISSIONS

| |
|-----------------------------|
| Water dropping as requested |
| Backhaul from Div QQ |

| INCIDENT RADIO COMMUNICATIONS PLAN | | Incident Name SOUTH CA-SHF-001209 | | Date/Time Prepared 09/14/19 1700 | | Operational Period Date/Time 09/15/2019 DAY / NIGHT 0700-0700 | | | |
|--|---------------|---|----------------------------------|---|--------------------|---|--------------------|------|--|
| Only frequencies listed on this 205 are authorized for use on this incident. | | | | Hand programmers accept all responsibility for the use of unauthorized frequencies. | | | | | |
| Ch # | Function | Channel Name | Assignment | RX Freq | RX Tone (100.0) | TX Freq | TX Tone (100.0) | Mode | Remarks |
| 1 | NIFC C-2 | CMD 1 | SOUTH COMMAND 1 | 170.4500 | T-9 (100.0) | 168.1000 | T-9 (100.0) | A | TOMHEAD LOOKOUT |
| 2 | NIFC C-8 | CMD 2 | SOUTH COMMAND 2 | 169.5375 | T-9 (100.0) | 164.7125 | T-9 (100.0) | A | TEPOC MOUNTAIN |
| 3 | NIFC T-1 | TAC 1 | CONTINGENCY TACTICAL | 168.0500 | T-9 (100.0) | 168.0500 | T-9 (100.0) | A | CONTINGENCY TACTICAL |
| 4 | NIFC T-3 | TAC 3 | DIVISION QQ TACTICAL | 168.6000 | T-9 (100.0) | 168.6000 | T-9 (100.0) | A | DIVISION QQ TACTICAL |
| 5 | NIFC T-4 | TAC 4 | DIVISION VV / NIGHT/ TACTICAL | 166.7250 | T-9 (100.0) | 166.7250 | T-9 (100.0) | A | DIVISION VV / NIGHT TACTICAL |
| 6 | NIFC T-5 | TAC 5 | DIVISION XX TACTICAL | 166.7750 | T-9 (100.0) | 166.7750 | T-9 (100.0) | A | DIVISION XX TACTICAL |
| 7 | NIFC T-6 | TAC 6 | DIVISION TT / NIGHT TACTICAL | 168.2500 | T-9 (100.0) | 168.2500 | T-9 (100.0) | A | DIVISION TT / NIGHT TACTICAL |
| 8 | SHF REPEAT | SHF-R | SHF CONTACT | 171.5750 | | 165.0125 | T-12 (127.3) | A | EMERGENCY CONTACT FOR SHF DISPATCH TONE 12 (127.3) |
| 9 | SHASTA REPEAT | SHF-R | SHF CONTACT | 171.5750 | | 165.0125 | T-14 (151.4) | A | EMERGENCY CONTACT FOR SHF DISPATCH USE TONE 14 (151.4) |
| 10 | CDF COMMAND 7 | CDF CMD 7 | CDF COMMAND 7 | 151.4600 | T-8 (103.5) | 159.3900 | T-1 (110.9) | A | RED BANK COMMAND |
| 11 | | | | | | | | | |
| 12 | | | | | | | | | |
| 13 | AIR TO GROUND | CDF A/G | RED BANKS AIR TO GROUND | 159.3450 | T-16 (192.8) | 159.3450 | T-16 (192.8) | A | USE TO CONTACT AIR ATTACK TO GET AIR RESOURCES TO SOUTH |
| 14 | AIR TO GROUND | A / G | SOUTH AIR TO GROUND TACTICAL | 167.0625 | | 167.0625 | | A | SOUTH FIRE AIR TO GROUND TACTICAL NO TONE |
| 15 | CALCORD | CALCORD | MEDICAL | 156.0750 | T-6 (156.7) | 156.0750 | T-6 (156.7) | A | MEDICAL EVAC. USE TONE 6 (156.7) |
| 16 | AIR GUARD | AIR GUARD | EMERGENCY ONLY | 168.6250 | | 168.6250 | T-1 (110.9) | A | EMERGENCY ONLY |
| Prepared by RICK STONE COML  | | | | Incident Location SOUTH ICP | | | | | |

SOUTH FIRE INCIDENT RISK ANALYSIS (215a)
September 15-16, 2019 (0700 to 0700)

| DIV | HAZARDOUS ACTIONS / CONDITIONS | MITIGATIONS / WARNINGS / REMEDIES |
|-------|------------------------------------|---|
| ALL | Medical Emergencies | <ul style="list-style-type: none"> ~ Contact South Comm for Medical Emergencies, Notify Division Supervisor immediately ~ Review, understand and discuss with your resources the Medical Plan in the IAP. ~ Refer to the Medical Incident Report on pages 118 – 119 in 2018 IRPG for info into Communications ~ Develop Division/Crew Pre-Plan in block #6 on the Medical Plan and fill in necessary information to assist you with an Incident within an Incident. ~ Base all operational decisions and activities on these 3 questions: <ol style="list-style-type: none"> 1.) What are we going to do if someone gets hurt? 2.) How will we get them out of here? 3.) How long will it take to get them to a hospital? ~ If the answers are insufficient, stop, re-assess and consider alternate strategies and tactics. ~ Have Alternate plan in place when aircraft is grounded due to visibility issues. <ul style="list-style-type: none"> * Communicate with Air Ambulance on CALCORD tone 6 ~ Be aware of Rotor Wash & its effect on Fire behavior when the extraction point is next to an active fires edge. ~ If possible, MOVE patient to an area with less fire activity. |
| QQ/RR | Extreme Fire Behavior | <ul style="list-style-type: none"> ~ Provide weather forecasts/observations for all personnel assigned during Operational briefings ~ Monitor current weather conditions and forecasts. Update field personnel via the Command Channel when significant weather changes are observed that could impact area. ~ Review "Severe Fire Behavior Potential" pg 68 in IRPG ~ Ensure the "Pocket Card" representing the local area knowledge, thresholds & significant events are discussed and shared with all resources ~ Develop Management Action Points/Trigger Points for disengagement of resources and make them known to all. Re-assess as needed. ~ Use "Risk Management Process" prior to engaging in suppression actions, referring to pg 1, IRPG. ~ Ensure LCES is in place before engagement of resources. Post experienced lookouts. ~ Adhere to the 10 Standard Firefighting Orders & mitigate the 18 Watch Out Situations ~ Maintain adequate Escape Routes to Safety Zones. Advise all personnel if these are compromised or change ~ Have vehicles facing the direction of the Escape Route and ensure they are NOT blocking the route |
| ALL | Driving & Traffic | <ul style="list-style-type: none"> ~ There is NO need to be in a hurry, or to drive fast. You get paid by the hour. Drive Cautiously ~ Slowdown in limited visibility (smoky/dusty) & congested areas. Increase following distances to allow dust to settle, & to allow for reaction time lag. Use low beam headlights ~ Honk horn to alert personnel when backing. Use spotters/backer when available ~ Pull over to allow oncoming traffic to pass on a narrow road base. ~ Expect two way traffic on one lane roads. Stay on your side, and approach corners with caution ~ Headlights ON. Manually turn on Headlights. Most vehicles have "auto" headlights ~ NO riding in the back of pick-ups. It is against the Law. |
| ALL | Hazard Trees & Fire Weakened Trees | <ul style="list-style-type: none"> ~ Scout work area for aerial hazards prior to engagement to ensure a safe work area ~ Look around entire tree for burn scars before committing your personnel ~ Follow "Hazard Tree Safety" guidelines, page 22, 23 in IRPG, 2018 ~ Look up, down and around for Hazard Tree indicators. Info on pg 22 IRPG, 2018 ~ Post lookouts, or use a spotter in mop-up areas with personnel. ~ Don't park vehicles or take breaks in high concentrations of hazard trees. ~ Establish trigger points for disengagement during high wind events. ~ Remember that the hazard zone extends a minimum of 2 1/2 tree heights. ~ Utilize pg 85 in the IRPG, 2018 for Procedural Felling Operations ~ No "Felling" of any tree at Night, or during High Wind events. ~ Flag off areas of concern; communicate to Division, adjoining resources, and brief relief resources until hazards have been mitigated. If they cannot be mitigated, keep personnel away ~ Post a "Lookout" if possible to control the area of concern |
| ALL | Hydration & Heat Illness | <ul style="list-style-type: none"> • Pre-hydrate, Re-hydrate! Dehydration is preventable.....Drink a <u>minimum</u> of 250ml/hour; (¼ of canteen) • Water Intoxication Drinking TOO much water, upsetting electrolyte balances can decrease sodium in the blood to dangerously low levels, causing mild to life-threatening problems • Drink water & Electrolyte drinks before, during, and after shifts. (2 waters to 1 sports drink). • Do NOT mix with water or dilute electrolyte drink. It must be consumed as is for the body to absorb properly. • Pace work to avoid heat injuries • Heat exhaustion is characterized by: Weakness, Extreme Fatigue, Nausea, Dizziness & Headaches, clammy skin, persistent muscle cramps, decreased urine output. <ul style="list-style-type: none"> ○ Cool patient as quickly as possible! ○ Move patient to a cooler location and provide cold water and sports drink. ○ Actively reduce core temperature through evaporation by fanning patient. ○ Remove Patient from fire line and seek medical attention ○ Cover head and neck with wet cloth, increase air movement. ○ Heat exhaustion is characterized by: Weakness, Extreme Fatigue, Nausea, Dizziness, Headaches, clammy skin, persistent muscle cramps, and decreased urine output • Refer to Medical Plan in IAP for additional EMS care and Evacuation |

SOUTH FIRE INCIDENT RISK ANALYSIS (215a)
September 15-16, 2019 (0700 to 0700)

| | | |
|--|--|---|
| RR | Firing Operations & Devices | <ul style="list-style-type: none"> ~ Ensure ground ignition plans are relayed to all adjoining resources ~ One qualified individual (Burn Boss) must be responsible for controlling and directing the firing operation. Identify the Firing Boss, Holding Boss and let them be known ~ Only personnel trained in the use of each device will be authorized to use firing equipment. ~ Brief all resources including adjoining Divisions on the approved plan ~ Before firing operations begin, ensure that: Lookouts are in place, Communications are established, escape routes are known to all & not compromised by the firing operations or vehicles blocking the roadways. ~ All vehicles will be staged in the direction of the "Escape Route", & the plan has been approved and relayed to adjoining resources ~ Utilize the "Risk Management Process" on pg 1 in IRPG for implementing the plan ~ Wear appropriate PPE. ~ Keep your Escape Routes and Safety Zones free of vehicles and equipment |
| XX WW | Heavy Equipment Operations | <ul style="list-style-type: none"> ~ Establish visual & radio communication methods are in place prior to engaging ~ Never work directly below heavy equipment. Post lookouts for dislodged rocks or logs that could impact personnel or vehicles if working with equipment. ~ Make positive eye contact with operator before approaching. Approach only when the equipment is idled down, all implements have been lowered to the ground, and you're invited toward the cab ~ Maintain a 50'-100' exclusion area around equipment and increase it to 1 1/2 times tree height when in timber. Increase distance to 300'+ when working with Masticators. ~ Close roads or trails if necessary for public safety ~ Correctly wear all required PPE ~ Refer to pg 80 in IRPG ~ Ensure HEQB is attached to equipment for supervision |
| ALL | Rocky, Rugged Terrain | <ul style="list-style-type: none"> ~ Unforgiving terrain. Ensure you remain focused when walking. ~ Maintain 8'-10' spacing when working & walking. <ul style="list-style-type: none"> • Evaluate the necessity to send personnel in areas with limited access. Evaluate the type of resources needed to do the job if required ~ High Potential for lower leg injuries. Take your time when hiking in and around your work area |
| ALL | Bears, Biting, Stinging Insects, & Critters (Rattle Snakes, Bees, Mosquitoes, Scorpions, Ticks, Wildlife, etc) | <ul style="list-style-type: none"> • If allergic to bee stings, let your DIVS & Medic/EMT's know. • Leave the snakes alone! Snakes and Scorpions are in Fire Camp too! Shake your boots out, check sleeping bag and check under your tent. They like to snuggle. If found in camp, notify Logistics • Bears have been reported in Spike camp. Don't bring food into your tent! • Use bug spray to minimize mosquito bites. • Check yourself daily for tick bites. • Leave wildlife alone. Please backhaul ALL trash daily. |
| INCIDENT NAME SOUTH FIRE ICS 215a | | DATE PREPARED: <p style="text-align: center;">September 14, 2019</p> |
| | | OPERATIONAL PERIOD <p style="text-align: center;">Sept 15 - 16, 2019 (0700 – 0700)</p> Prepared by: Tanzi – SOF1, Barnhart – SOF2, |
| | | TIME PREPARED: 1900 HOURS |



**Today's discussion is from the
Fire/Weather Behavior Category.**

Proper Use of Trigger Points

Accurate situational awareness (SA) requires constant reassessment of conditions (existing or potential) that may impact the safety and effectiveness of tactics. Monitoring for the 18 Watchout Situations and establishing operational / environmental limits (“trigger points”) ahead of time can help to focus SA, prompt reassessment, and help you re-evaluate the risk of current actions. The following items are things to consider in your planning and discussion. Remember, trigger points are NOT decision makers, but serve as predetermined cues to prompt you to re-evaluate the current and potential situation and associated risks, and help you to determine and implement the proper course of action.

- Preplan! Don't wait until you're in the wrong place at the wrong time---with no time.
- Trigger points should be based on measurable factors such as:
 - RH
 - Winds
 - Fire Behavior
 - Topographical boundaries
 - Time constraints/Time of day
 - Time/distance to safety zones
 - Loss of suppression resources
 - Other operational considerations (e.g., firefighter fatigue, loss of lookouts or communication, weather change)
- As you approach predetermined trigger points, go through the Risk Management Process to help you decide if a change in tactics is required. (See the Incident Response Pocket Guide)
 - Gather information to assure good Situational Awareness
 - Assess hazards to anticipate serious risks
 - Establish hazard controls to mitigate serious risks
 - Make decisions based on your ability to mitigate those serious risks
 - Evaluate effectiveness of current actions
- Command/Leadership responsibilities when changing tactics
 - Communicate the changes to your subordinates, as well as to adjacent forces and up the chain of command
 - Account for all your people
 - Make sure everyone knows and follows the new plan

References:

Interagency Standards for Fire and Fire Aviation Operations
Incident Response Pocket Guide

Have an idea? Have feedback? Share it.

ONLINE | MAIL: 6 Minutes For Safety Task Group • 3833 S. Development Ave • Boise, ID 83705 | FAX: 208-387-5250

6 Minutes Home

TRAINING SPECIALIST MESSAGE

Please have all federal, state, and local government agency trainees working on position task books register with the Incident Training Specialist to receive proper documentation for your assignment. On the next page is the data form you'll need to fill out and submit to us.

Thank you,

Dayvson "Boston" Bernardo

Incident Training Specialist

601-953-5742

Brian Lopez

Incident Training Specialist Trainee

Trainee Name
 Trainee Request #

INCIDENT TRAINEE DATA FORM

TRAINEE DATA

| | | | |
|---|-----------------------|-----------|--|
| Trainee Name | | Request # | |
| Trainee Item Code | Item Code Description | | |
| Section | Initial Assignment? | Agency | |
| Unit ID | Unit ID Description | | |
| Assignment Start | Assignment End | | |
| 1. Trainee possesses valid Red Card or agency certification card? | | | |
| 2. Trainee has CURRENT home unit initiated Position Task Book? | | | |
| 3. Trainee has incident issued Task Book with concurrence of home unit? | | | |
| Priority Trainee? | Priority Program | | |

HOME UNIT CONTACT

| | | | |
|---------|---------------------|-----|--|
| Name | | | |
| Unit ID | Unit ID Description | | |
| Address | | | |
| City | State | Zip | |
| Phone | E-Mail | | |

TRAINEE GOALS (Tasks to be evaluated on this incident)

| | |
|----|--|
| 1. | |
| 2. | |
| 3. | |

TRAINER/EVALUATOR DATA

| | | | |
|------------------|-----------------------|-----------|--|
| Name | | Request # | |
| Item Code | Item Code Description | | |
| Unit ID | Unit Description | | |
| Address | | | |
| City | State | Zip | |
| Phone | E-Mail | | |
| Recommendation # | PTB Progress % | | |

INCIDENT DATA (For Training Specialist Use Only)

| | |
|---------------|-----------------|
| Incident Name | Incident Number |
| Incident Type | Complexity |
| Acres | Fuel Type |

TRAINING SPECIALIST (For Training Specialist Use Only)

| | | | |
|---------|------------------|--------|--|
| Name | | Agency | |
| Unit ID | Unit Description | | |
| Phone | E-Mail | | |



Human Resource Message
South Fire
Sunday, September 15, 2019

HUMAN RESOURCE MESSAGE

How's your Temper?

Some of us have been here for a few days and others are just getting here. Some are ready to leave and some are hoping to stay longer.

With the hard work and especially the changes taking place, it is easy to get on edge and "on the edge" with each other. Let's guard against that, and help each other out. Do your part to maintain and safe and positive work environment.

Together Everyone Accomplishes More!

A quick temper will make a fool of you soon enough.

~Bruce Lee

Feel free to call/text or come by the HRSP trailer if you have questions, concerns, or just want to chat.

Todd Morrow - (HRSP) – (707) 373-0204

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



MEDICAL PLAN (ICS 206 WF)

| | |
|---------------------------------|---|
| 1. Incident/Project Name | 2. Operational Period |
| South Fire | Date/Time 9/15/19 - 0700 9/16/19 - 0700 |

| 3. Ambulance Services | | | | |
|----------------------------------|-----------------------------------|-----------------------|-----------------------------|----|
| Name | Location | Phone & EMS Frequency | Advanced Life Support (ALS) | |
| | | | Yes | No |
| Hoopla Ambulance - Incident | DP-110 area Day DP-100 Night | Contact South Comm. | X | |
| Mt. Shasta – Medic 70 - Incident | ICP Ambulance / Medical Unit | Contact South Comm. | X | |
| St. Elizabeth Ambulance | Red Bluff, CA | 911 or 530 527-2241 | X | |
| Trinity County Ambulance | Hayfork, CA | 911 or 530 623-8128 | X | |

| 4. Air Ambulance Services (COORDINATE with AIR AMBULANCES on CALCORD tone 6) | | | | |
|---|--|---------------------------------------|--|--|
| Name | Phone | Type of Aircraft & Capability | | |
| Kern H-407 20 min eta | South Comms. or 530 226-2400 SHF | Day/Night Hoist Rescue, Redding, CA | | |
| Reach or PHI 20 min eta | 530 226-2400 SHF | Air Ambulance – Redding, CA Day/Night | | |
| Coast Guard Up to 1:15 hr eta | 530 226-2400 SHF 707 839-6100 CG Direct | Hoist Rescue – Eureka, CA Day/Night | | |
| CHP 20 min eta | 530 226-2400 SHF | ALS Hoist Rescue – Redding, CA | | |

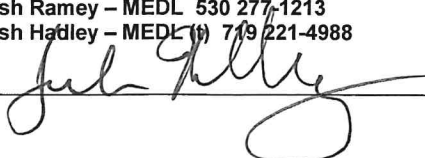
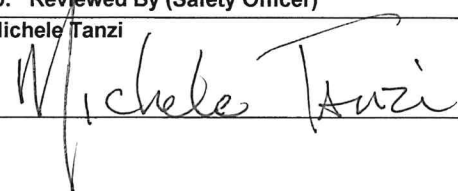
| 5. Hospitals | | | | | | | | | |
|---|--|-------------|-------------|------------|--------------------------------------|---------|----|---|--|
| Name & Level | GPS Datum – WGS 84 Degrees Decimal Minutes | | Travel Time | | Phone | Helipad | | Address | |
| | Lat: | Long: | Air | Gnd | | Yes | No | | |
| St. Elizabeth Hospital Level III trauma center | N40° 08.91 | W122° 13.24 | 25 min | 45 min | 530 529-8000 530 529-8300 (ER) | X | | 2550 Sister Mary Columbia Dr. Red Bluff, CA 96080 | |
| | Long: | W122° 13.24 | | | | | | | |
| | VHF: | | | | | | | | |
| Mercy Medical Center – Level II trauma | N40°34.33 | W122° 23.80 | 30 min | 1.5 hrs | 530 225-7201 (ER) | X | | 2175 Roseline Ave. Redding, CA 96001 | |
| | Long: | W122° 23.80 | | | | | | | |
| | VHF: | | | | | | | | |
| Shasta Regional Medical Center. Level III trauma | N40°35.08 | W122°23.25 | 30 min | 1.5 hrs | 530 244-5353 (ER) | X | | 1100 Butte, Redding, CA 96001 | |
| | Long: | W122°23.25 | | | | | | | |
| | VHF: | | | | | | | | |
| UC Davis Level I Trauma/Burn Center | N38°33.30 | W121°27.33 | 1 hr | 3.5 hrs | 916 734-3636 916 734-3790 | X | | 2315 Stockton Blvd. Sacramento, CA | |
| | Long: | W121°27.33 | | | | | | | |
| | VHF: | | | | | | | | |

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

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

| | | | |
|---|------------------------------|--|--|
| 7. Remote Aid Stations | | | |
| South Medical Unit– ICP R-Wild Horse Ranch 6700 Hwy 36W, Platina, CA N40° 19.02 W122° 48.00 | Point of Contact: | MEDL – Josh Ramey 530 852-8400 MEDL(t) – Josh Hadley 719 221-4988 | |
| | EMS Responders & Capability: | Advanced Life Support | |
| | Equipment Available on Site: | Medical supplies | |
| | Ambulance ETA : | Air – 25 min. Ground – 45 min. | |

| | | | |
|---|---------------------|---|----------------------|
| 8. Prepared By (Medical Unit Leader) | 9. Date/Time | 10. Reviewed By (Safety Officer) | 11. Date/Time |
| Josh Ramey – MEDL 530 277-1213 Josh Hadley – MEDL (t) 719 221-4988 | 9/14/19 2000 | Michele Tanzi | 9/14/19 2000 |

Medical Incident Report

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

OR "NON-EMERGENCY MEDICAL TRANSPORT"

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

2. INCIDENT STATUS:

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

| SEVERITY | TRANSPORT PRIORITY |
|--|--|
| <input type="checkbox"/> URGENT-RED Life threatening injury or illness. <i>Ex: Unconscious, difficulty breathing, bleeding severely, 2° – 3° burns more than 4 palm sizes, heat stroke, disoriented.</i> | Ambulance or MEDEVAC helicopter. Evacuation need is IMMEDIATE. |
| <input type="checkbox"/> PRIORITY-YELLOW Serious Injury or illness. <i>Ex: Significant trauma, not able to walk, 2° – 3° burns not more than 1-2 palm sizes.</i> | Ambulance or consider air transport if at remote location. Evacuation may be DELAYED. |
| <input type="checkbox"/> ROUTINE-GREEN Not a life threatening injury or illness. <i>Ex: Sprains, strains, minor heat-related illness.</i> | Non-Emergency. Evacuation considered Routine of Convenience. |

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

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

| | |
|--|-------------------|
| Patient Assessment: (See IRPG page 106) | Treatment: |
|--|-------------------|

4. TRANSPORT PLAN:

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

Patient's ETA to Evacuation Location:

Helispot / Extraction Site Size and Hazards:

5. ADDITIONAL RESOURCE/EQUIPMENT NEEDS:

- 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)

6. COMMUNICATIONS:

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

7. CONTINGENCY:

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

8. ADDITIONAL INFORMATION: *Updates / Changes, etc.*

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