Hough Complex

CA-PNF- 001324 (0511) P5HV99

AUGUST 24, 2013

Day Operational Period

0600 - 1800

| | Incident Na | ne | 2. Date Prepared | 3. Time Prepared |
|--|-------------------|---|------------------------|-------------------|
| Incident Objectives | Н | OUGH COMPLEX | 08/23/13 | 2113 |
| 4. Operational Period 08/24/ | 13 Saturday | Day Shift 0600 - 1800 | | |
| 5. General Control Objectives for the incider | t (include alterr | natives) | | |
| Management Objectives | | | | |
| 1. Provide for fireifghter and pul | olic safety as t | he highest priority. | | |
| Provide and coordinate protection lands with in the complex. | ction of structu | res, timber lands, and | infrastruture on pu | blic and private |
| Provide timely information, no quality. | tification and o | communications regar | ding fire activity and | d effects on air |
| Minimize effects of fire and fire resource advisors and close of | | | - | |
| 5. Maintian a high level of collab | oration with lo | cal communities, neigl | hboring and coope | rating agencies. |
| Minimize disruption to local ed agencies. | conomies with | local communities, ne | ighboring and coop | peerating |
| 7. Provide IA response and reso | urces for new | starts through the Cer | ntral Coast Indcide | nt Commander. |
| Control Objectives | | | | |
| Suppress fires within the comple resources. | x in the smalle | est area that can be sa | afely accomplished | with available |
| 6. Weather Forecast for Period | | | | |
| See Attached Weather Forecast | | | | |
| . General Safety Message | | | | |
| See Attached Safety Message | | | | |
| 8. A | ttachments (ma | rk if attached) | | |
| ✓ Organization List - ICS 203 | ☐ Incident Ma | ap | Fire Behavior For | recast |
| Div. Assignment Lists - ICS 204 | ✓ Safety Mes | sage | ☐ Pocket Card | |
| Communications Plan - ICS205 | ☐ Traffic Plar | 1 | Fire Weather For | ecast |
| ✓ Medical Plan - ICS 206 | Incident Ob | jectives - ICS 202 | ☐ Human Resource | es Message |
| Air Operations Summary - 10S 220 | Incident Safe | ety Analysis - ICS 215 | ☑ Unit Log ICS - 21 | 4 |
| 9. Prepared by (Planning Section Chief) Steve Anderson PSC2 | | 10. Approved by (Incident Mark Nunez ICT2 | Commanded |) 6 01 |
| ICS 202 | Fi | nal | Page of | ICS 202 Forms |

| ORGANIZAT | ION ASSIGNMENT LIST | | rations Section |
|---------------------------|--|--------------------------------|----------------------------------|
| 1. Incident Name | | Operations Chief (Day) | JOHN ABELL / MARK SMITH (T) |
| | UGH COMPLEX | Operations Chief (Night) | |
| 2. Date Prepared 08/23/13 | 3. Time Prepared | a. Bran | ch I - Division/Groups |
| 4. Operational Period | | Planning Ops | VAN ARROYO (T) / MARK COURSON (T |
| | aturday Day Shift 0600 - 1800 | Division/Group B / H | JAMES WETTSTAED; JOE TIESO (T) |
| Position | Name Ctoff | Division/Group W | BERT PLANTE; MAEVE JUAREZ (T); |
| 5. Incident | Commander and Staff [MARK NUNEZ; MARK von TILLOW (T) | Division/Group Y | KEITH AGGSON; DAN FREEH (T) |
| | DANA D'ANDREA | Division/Group IA | LEON JEFFREY |
| Deputy | TOM ZEULNER; RICK BERTRAM | Division/Group | |
| Safety Officer | | Division/Group | |
| nformation Officer | HELEN TARBET; MANUEL MADRIGAL | | h II. Division (Common |
| Liaison Officer | MCGREW; GRAHAM ; JONES; WALDRON(T) | | ch II - Division/Groups |
| 6. Age | ncy Representative | Branch Director | |
| Agency | Name | Deputy | |
| AGENCY ADMINISTRATOR | KAREN HAYDEN; MICHAEL DONALD | Division/Group | |
| CALFire | JIM BARRY | Division/Group | |
| FOREST SAFETY OFFICER | LEE MERCER | Division/Group | |
| PLUMAS NF FIRE CHIEF | STEVE MILLERT | Division/Group | |
| OES | JOHN CLARY | Division/Group | |
| 7. F | Planning Section | c. Branc | ch III - Division/Groups |
| Chief | ANN MARX | Branch Director | 21 Tieler / Greape |
| Deputy | STEVE ANDERSON | Deputy | |
| Resources Unit | BILL BRICKEY; PAT CAPRIOLI | Division/Group | |
| Situation Unit | JOHN GERMANETTI; MIKE HELD | Division/Group | |
| Occumentation Unit | DEBRA RIOS | Division/Group | |
| | | | |
| Demobilization Unit | DENA FOOSE | Division/Group | |
| Fire Behavior Analyst | STEWART TURNER | Division/Group | |
| luman Resource Specialist | | d. Air 0 | Operations Branch |
| raining Specialist | DOUG DICKSON; TONY AYALA (T) | Air Operations Branch Director | BRAD JOOS |
| GIS Specialist | M.FLEISCHER/W.RANNALS/S.POWELL | Helibase Manager | CURT WARNER |
| Computer Specialist | SCOTT DANIELS | Air Attack Supervisor | WALTER BUNT |
| MET | MIKE SMITH | Air Support Supervisor | AL DRIESBACH |
| | | Helicopter Coordinator | |
| 8. Lo | ogistics Section | Air Tanker Coordinator | |
| Chief | TOM CRAKES | 10. F | inance Section |
| Peputy | JERRY BEAN | Chief | BONNY JOHNSON (T) |
| upply Unit | JOHN HARKLEROAD | Deputy | |
| acilities Unit | SCOTT GARDNER / MIKE FARMER (T) | Time Unit | CASEY BRYSON |
| Ground Support Unit | VIC MUZYKA / JOHN SAUNDERS | Procurement Unit | |
| Communications Unit | DAVID PASCHKE | Compensation/Claims Unit | MILLIE FERGUSON |
| | | Cost Unit | WILLIE I ENGOSON |
| Medical Unit | ROBERT ETHRIDGE/TYE JOHNSON (T) | | |
| Security Unit | | Prepared by (Resource Unit | t Leader) |
| Food Unit | KERRY KELLOGG | BILL BRICKEY (RESL) | <i>y</i> |



INCIDENT Weather Forecast



mile Smith

FORECAST NO:

NAME OF FIRE: Hough Complex

PREDICTION FOR: Saturday Day SHIFT

UNIT: Hough RD, Plumas NF

SHIFT DATE: Aug 24, 2013

SIGNED: Mike Smith

TIME AND DATE

Incident Meteorologist

FORECAST ISSUED: 2000 Aug 23, 2013

WEATHER DISCUSSION: An upper level trough digging into the eastern Pacific will bring continued stable southwest flow aloft today. A weak frontal system pivoting through this trough will bring some increase in winds this afternoon mainly over the ridgetops. Much of the Ridge/Heights and Johnson fires are on north facing aspects which will be protected from a southwest flow but gusts and eddies may occur. Temperatures may cool a bit but conditions will remain dry. The winds should die down a bit Saturday night as daytime mixing is reduced. The weak front will push into northwest California on Sunday bringing slightly less stable conditions and a bit more afternoon ridge wind. Again...north facing aspects will likely see wind eddy effects. Sunday will also see a little cooling and higher RH as well as some cloudiness.

*** Increased ridge winds from Saturday afternoon through Sunday afternoon ***

WEATHER FORECAST:

WEATHER: Mostly sunny except areas of smoke through mid morning.

TEMPERATURES: Maximum temperatures 83 to 90.

HUMIDITY: Minimum humidity 14 to 21%.

20 FT WINDS:

RIDGETOP - Variable winds to 5 mph becoming southwest 4 to 8 mph with gusts up to 14 mph by late morning. Winds increasing in the afternoon to 8 to 15 mph with occasional gusts to 20 mph in the late afternoon.

SLOPE/VALLEY - Downslope to 4 mph becoming upslope to upcanyon 3 to 8 mph after about 1000 except upper south slope winds southwest 4-8 gusts to 12 mph. Also...upper north slopes will see more variable winds due to eddy effects.

STABILITY/INVERSION: Valley inversions breaking by mid morning. Moderately stable aloft.

OUTLOOK FOR Saturday Night: Fair skies. Minimum temperatures 45-50. Max RH recovery 60 to 75%. Ridge winds dropping off after sunset to southwest to 3 to 5 mph with occasional gusts to 10 mph. Slope winds becoming downslope to downcanyon to 5 mph after sunset.

Extended forecast for Sunday: Partly cloudy. Maximum temperatures 80 to 87. Minimum humidity 18-24%. Ridge winds increasing after about 1000 with afternoon winds southwest 10-15 mph with gusts up to 20 mph. Some gusts up to 25 mph in the late afternoon. Slope winds mainly upslope to upcanyon 3-8 mph but variable with occasional southwest gusts to 15 mph. For upper south slopes winds southwest 5 to 10 mph with occasional gusts to 15 mph in the afternoon. More variable winds on upper north slopes due to eddy effects.

EXTRA INFORMATION: Sunrise 6:23 Sunset 7:48

FIRE BEHAVIOR FORECAST FORECAST NUMBER: 9 TYPE OF FIRE: Wildfire OPERATIONAL PERIOD: Day Shift 8/24/2013 TIME ISSUED: August 23, 2013 UNIT: Plumas National Forest SIGNED: Stewart Turner FBAN, Drew Page FBAN(T)

INPUTS

WEATHER SUMMARY:

Will be returning back to Southwest winds today at 8-15 MPH. This will be bring us to temperatures around 89°-90°F, and humidity between 15-22%.

OUTPUTS

FIRE BEHAVIOR

GENERAL:

With the clearing of sky cover, can expect limited fire spread that will consist of smoldering and creeping. Most of the spread may remain in heavy dead and down fuels. Into the later part of the day, the light flashy fuels will start to become available when fuel moisture drops down to less than 6%, though may drop as low as 3%. This will allow for active fire spread where continuous surface fuels exist such as conifer needle cast and hardwood litter. Large diameter fuels will start to return to normal burning conditions with the alignment of wind and sun, allowing them to support an elevated fire intensity. Expect a probability of ignition at 85%.

SPECIFIC:

Ridge/Johnson:

Fire behavior will be limited with moderate growth on interior areas of the fire. Areas with jackpots and large diameter fuels will be burning log to log with flame lengths less than 2 feet. Stump holes and root wads will retain a significant amount of heat.

Be mindful of rolling material that have been released by bucket drops.

Initial attack:

Hold overs may still exist and should be more visible when the sky begins to clear from increasing winds in the afternoon. Drying and shifting winds will increase fire behavior. Fire spread will be fuels dependent, but may have rapid rates of spread where alignment is present.

AIR OPERATIONS: Smoke may limit air operations in some divisions for a period of time.

SAFETY

Do not become complacent with moderated fire behavior from the recent precipitation. We will be returning to normal drying and fire activity will increase with this every day. Continue to monitor trends as we move back into a typical pattern of southwest winds and drying returns to the fire area.

Additionally, as fire continues to smolder and creep in the surface fuels, the already fire weaken trees will be more prone for root failure, especially with the increasing winds gusting up to 20 mph.

Fuels and Fire Behavior Advisory Northern California



August 22, 2013

<u>Subject:</u> Severe drought conditions along with hot and dry weather have led to significantly low live and dead fuel moistures. This has created the potential for active to extreme fire behavior and increased large fire potential in Northern California.

<u>Discussion:</u> The widespread wetting rains of late June had a long lasting impact on fuels for much of July. Warming and drying in August along with **Severe Drought** conditions across Northern California has led to widespread low live and dead fuel moistures. The focus of this advisory is the contribution of critically low live and dead fuel moistures to potential for active to extreme fire behavior.

<u>Difference From Normal Conditions</u>: Severe drought conditions now cover all of Northern California and is forecasted to persist or intensify. The entire area is deficient in rainfall and snow pack, resulting in fuels that are weeks ahead of normal drying/curing rates. Live fuel moistures in Chamise and Manzanita fuels have reached critical levels in most areas and are now actively contributing to fire spread as a heat source. All timelag classes of dead fuels are at moisture levels that allow for easy ignition and rapid spread.

Concerns to Firefighters:

- Energy Release Component (ERC) is a good indicator of seasonal drying trends. ERC's values range from average to above average and are approaching maximum seasonal values. Anticipate increased spread rates and active night time burning.
- The combination of persistent drought and record-low rainfall and snowpack amounts has led to very low live and dead fuel moistures. Expect fires to ignite easier and spread faster. Anticipate higher resistance to control in all fuel types. Low fuel moistures have been evidenced by complete consumption on recent fires. Expect higher probability of ignition and increased spotting due to increased amount of receptive and available surface and aerial fuels.
- Expect active fire behavior to extend well into the night and early morning hours even with moderate RH recovery.

Mitigation Measures:

- Firefighters should acknowledge and prepare for fire growth and fire behavior that may exceed anything
 they have experienced before due to the severe drought. Normal strategies and tactics may need to
 be adjusted to account for the drought factor. Suppression actions need to be based on good anchor
 points, lookouts, escape routes, and safety zones. Everyone, every day, returns home safely.
- Local and incoming fire personnel need to be aware that fire behavior is exceeding normal expectations
 for this time of the year. Local briefings need to highlight specific fire environment conditions
 including local weather forecasts, Pocket Cards, ERC's, live and dead fuel moistures, and
 special fuel conditions such as mortality, Sudden Oak Death and frost killed brush, etc.
- Base all actions on current and expected behavior of the fire. Augment initial attack resources as incident activity dictates.
- Review the most current Northern California 7-day Significant Fire Potential along with Daily, Monthly and Seasonal Outlooks at: http://www.predictiveservices.nifc.gov/outlooks/outlooks.htm

Area of Concern: The area of concern is Northern California with the exception of the North Coast and Sacramento Valley PSA's. A map showing the areas of concern described in this advisory can be found at: National Fuel Advisories

| | HOUGH COMPLEX ations Chief (Day) Ations Chief (Night) Ining Ops VAN ARROYO (T); MAR W T2IA FIRESTORM 18 (C-18) INE T3 CA SRF 32 INE T3 CA SRF 23 INE T3 WA MSF 322 INET6 FIRESTORM 9908 (E-22) INET6 IAR (E-3) INE T6 CARDINAL 53 INE T6 GH RANCH (E-4) IT2 BRUNER (E-13) IT2 CA TNF 22 INET6 CARDINAL 52 | | 1. Branch | | | | 2. Division/Group | \$144.00 A \$150.00 \$150.00 \$100 | | | |
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| 5. Operations Chief (Day) | IOHN ARELL / MA | DK SM | | | | 1 | JAMES WETTSTA | ED / JOE TIESO (T) | | | |
| | JOHN ABELL / IVIA | VIC OIVI | 1111(1) | | | | | ED 7 JOE TIEGO (1) | | | |
| | VAN ARROVO (T): MAI | | DCON (T) | | | ei visu | | DICK BEDTRAM | | | |
| | VAN ARROTO (1), WA | TN COU | | | | | TOW ZEOLINEIX / I | CONDENTIAN | | | |
| 6. | | T | Resources A | ssignea | | | | | | | |
| Strike Team/Task Force/ | Resource Designator | | Leader | | Pers. | Y/N | Drop Off PT./Time | Pick Up PT./Time | | | |
| CREW T2IA FIRESTO | ORM 18 (C-18) | HANK | INS | | 20 | Ν | BASE CAMP/0600 | BASE CAMP/1800 | | | |
| ENGINE T3 CA SRF | 32 | BALE | NT | | 5 | Ν | BASE CAMP/0600 | BASE CAMP/1800 | | | |
| ENGINE T3 CA SRF | 23 | DAVIS | 3 | | 5 | Ν | BASE CAMP/0600 | BASE CAMP/1800 | | | |
| ENGINE T3 WA MSF | 322 | SMITI | 1 | | 5 | Ν | BASE CAMP/0600 | BASE CAMP/1800 | | | |
| ENGINET6 FIRESTOR | RM 9908 (E-22) | NEWITT/ WILLIS (T) | | | 3 | Ν | BASE CAMP/0600 | BASE CAMP/1800 | | | |
| ENGINE T6 IAR | (E-3) | ADAMS | | | 3 | Ν | BASE CAMP/0600 | BASE CAMP/1800 | | | |
| ENGINE T6 CARDINAL | L 53 | CARDINAL | | | 3 | Ν | BASE CAMP/0600 | BASE CAMP/1800 | | | |
| ENGINE T6 GH RANC | H 🤛 (E-4) | FOLE | Υ | | 3 | Ν | BASE CAMP/0600 | BASE CAMP/1800 | | | |
| WT T2 BRUNER | (E-13) | BRUN | IER | | 1 | N | BASE CAMP/0600 | BASE CAMP/1800 | | | |
| WT T2 CA TNF 22 | | CHRI | STOPHER LOV | N | 2 | N | BASE CAMP/0600 | BASE CAMP/1800 | | | |
| SOF2 | | DAVE | MORTON | | 1 | N | BASE CAMP/0600 | BASE CAMP/1800 | | | |
| EMTP | | CASE | Y MAYFIELD | | 1 | N | BASE CAMP/0600 | BASE CAMP/1800 | | | |
| FEMT | | BRINS | SENDINE | | 1 | N | BASE CAMP/0600 | BASE CAMP/1800 | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| Derations Chief (Day) JOHN ABELL / MARK SMITH (T) Division/Group Air Attack Supervisor WALTER BUNT Idenning Ops VAN ARROYO (T); MARK COURSON (T) Safety Officer TOM ZEULNER / RICK BERTRAM Strike Team/Task Force/ Resource Designator Leader Num of Persounce | | | | | | | | | | | |
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| 7. Control Operations | | | | | 1 | | | | | | |
| DATROL FIRES SES | IDE LINEO AND LIC | N.D. | | | | | | | | | |
| PATROL FIRES, SECU | JKE LINES AND HO | JLD. | | | | | | | | | |

MONITOR FOR NEW STARTS, TAKE SUPPRESSION ACTIONS AS NEEDED.

MOP UP WHERE APPROPRIATE.

8. Special Instructions

KEDDIE: 12 ac..RUBY:1 ac., COOKS: .25 ac., EVANS: 15 ac., HUNT: 21 ac., MOUNTAIN: .5ac., BEARDSLEY: .1 ac., 32: .25 ac., DIXIE: 1 ac., PEERLESS: 1 ac., KESSLER: .1 ac., 34: 2 ac., NORTH: .1 ac., CEMETARY: 20' X 20' FIRES PULL HOSE OUT TO DROP POINTS WHEN POSSIBLE, INVENTORY & PROVIDE TO DIVISION SUPERVISOR.

ARRAINGE FOR BACKHAUL.

VALIDATE LAT / LONG OF ALL FIRES & PROVIDE INFORMATION TO DIVISION SUPERVISOR.

| 9. | | Div | ision/Group Com | munications Summa | ary | | |
|-----------------------------------|-------------------|----------------|-----------------------------------|-------------------|--------------------|---------|---------------------|
| Function | Frequency - RX | Frequency - TX | Tone | System | Channel | System | Channel |
| Command | 170.5500 | 169.9000 | 5, 6 | FOREST NET | 1 | | |
| Tactical | 168.6000 | 168.6000 | | NIFC T3 | 2 | | |
| Logistics | | | | | | | |
| Air to Ground | 169.1500 | 169.1500 | | AIR/GROUND | 9 | | |
| Prepared by (Res BILL BRICKEY, | ource Unit Leader | Appro STEV | oved by (Planning S E ANDERSON | PSC2 | Date Prepa 08/2 | (NG)(1) | ne Prepared 1615 |

ICS 204 Page ICS 204 Forms Final

| Divisi | n Acciens | nt Liet | | 1. Branch | 10/ | | | 2. Divis | ion/Group | | |
|-------------------------------------|----------------------------|-------------|--------|----------------------------------|-------------|-----------------|---------------|--------------------|---------------------|----------|------------------|
| 3. Incident Name | on Assignme | III LIST | | 4. Operational I | W Period | | | | | | |
| | OUGH COMPLE | X | | | 08/24/1 | | turday | Day Shif | t 0600 - 18 | 300 | |
| 5. | | | | | ons Perso | | | 5-5-5 | == | . = \ /= | |
| Operations Chief (| | BELL / MAF | RK SM | ITH (T) | | | | | | 4EVE | L JUAREZ (T) |
| Operations Chief (| | | | | Air Attac | | visor | WALTER | W. THROUGHOUSE (14) | | |
| Planning Ops | VAN ARRO | YO (T); MAF | RK COU | | Safety O | | | TOM ZEI | JLNER / F | RICK B | BERTRAM (T) |
| 6. | | | | Resources A | | | | | | | |
| Strike Team/Tas | k Force/ Resource D | Designator | | Leader | | Num of Pers. | Trans. Y/N | Drop Off P | T./Time | Pic | k Up PT./Time |
| CREW T2IA FI | RESTORM 19 | (C-19) | HOW | ARD/SARTAIN | 1 (T) | 20 | Ν | BASE CAM | 1P / 0600 | BASI | E CAMP / 1800 |
| CREW T2 HVF | 60 | (C-14) | MEDE | EIROS | | 20 | Ν | BASE CAM | 1P / 0600 | BASI | E CAMP / 1800 |
| S/T CA XSH 315 | 51C | | BACK | (| | 16 | Ν | BASE CAM | 1P / 0600 | BASI | E CAMP / 1800 |
| ENGINE T3 CA | SRF 11 | | GASC | QUET | | 5 | N | BASE CAN | 1P / 0600 | BASI | E CAMP / 1800 |
| ENGINE T3 CA | SRF 342 | | LAMF | PLEY | | 0 | Ν | BASE CAN | 1P / 0600 | BASI | E CAMP / 1800 |
| WT T2 RC WA | TER | | CHEF | RRY | | 1 | | BASE CAN | 1P / 0600 | BASI | E CAMP / 1800 |
| WT T3 NORTH | STATE | | AUST | IN | | 1 | N | BASE CAN | 1P / 0600 | BASI | E CAMP / 1800 |
| SOFR | | | RON | HEINBOCKEL | | 1 | N | BASE CAN | 1P / 0600 | BASI | E CAMP / 1800 |
| FEMT | | | CRAI | G PETERSEN | | 1 | Ν | BASE CAN | 1P / 0600 | BASI | E CAMP / 1800 |
| FEMT | | | FRAN | IK CULHNO | | 1 | Ν | BASE CAN | 1P / 0600 | BASI | E CAMP / 1800 |
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| | | | | | | | | | | | |
| 7. Control Opera | ations | | | | | | | | | | |
| SECURE LINES | AND MOP UP. | MONITOR | FOR | NEW STARTS | S, TAKE | APPRO | OPRIA | TE SUPPRI | ESSION A | СТЮ | N AS NEEDED. |
| 8. Special Instru | | | | | | | | | | | |
| JOHNSON: 150 | ac. | | | | | | | | | | |
| PULL HOSE OU ARRANGE FOR | JT TO DROP PO BACKHAUL. | INTS WH | EN NC |) LONGER NE | EDED, II | VVENT | ORY | & PROVIDE | TO DIVIS | SIONS | SUPERVISOR. |
| 9. | | | Divi | sion/Group Com | nmunication | ons Sur | nmary | | | | |
| Function | Frequency - RX | Frequency | - TX | Tone | Sys | stem | | Channel | Syster | n | Channel |
| Command | 170.5500 | 169.900 | | 5, 6 | FORE | S | Т | 1 | | | |
| Tactical Div/Group | 151.1375 | 151.13 | 75 | | VTA | C 11 | | 4 | | | |
| Logistics | 100 1 | | | | | | | | | | |
| Air to Ground | 169.1500 | 169.150 | | 11 (6) | AIR/GI | | 2 | 9 | | T | |
| Prepared by (Reso BILL BRICKEY (| RESL) |) | | ved by (Planning : E ANDERSON | | niet | VI | Date Prepa 08/2 | 3/13 | Time | Prepared 1616 |
| ICS 204 | P | | | Fii | nal | W | VIVV | | Page | of | ICS 204 Forms |

| Divisi | on Ass | signme | nt List | | 1. Branch | | | | 2. Divis | sion/Group | Υ | |
|------------------------------|-------------------|-------------|---|---|------------------|--------------------|--------------------------|---------|------------|--|-------------------------|----------------|
| 3. Incident Name | | COMPLE | | | 4. Operational F | Period 08/24/13 | 3 Sa | iturday | / Day Shir | ft 0600 - 18 | 300 | |
| 5. | | | | | Operation | ons Perso | | ituruay | Day Offi | 10000 | 000 | |
| Operations Chief (D | Day) | JOHN AE | BELL / MAF | RK SM | | Division | |) | KEITH A | GGSON / | DAN I | FREEH (T) |
| Operations Chief (| | | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | (.) | Air Atta | | | | | | , |
| Planning Ops | | /AN ARRO | OYO (T); MAF | SK COL | RSON (T) | Safety (| | | | | ICK F | BERTRAM (T) |
| 6. | | V/111/11/10 |) 1 O (1), 1411 ti | *************************************** | Resources A | | | ind | 1011122 | | WOLL T | 221110 WI (1) |
| Strike Team/Tas | k Force/ F | Pasauraa I | Designator | | Leader | | Num of | | Drop Off F | OT /Time | Di | ck Up PT./Time |
| attractive experience server | | | | LUNE | | | Pers. | Y/N | | | | |
| CREW T2 NOF | SHOW SHOW SHOW | JIFIC | | HINE | | | 20 | N | BASE CA | CONTRACTOR OF THE CONTRACTOR O | | SE CAMP/1800 |
| S/T CA HUU 9 | | | (24 HR) | SCAF | www.energe | | 33 | N | BASE CA | | | SE CAMP/0600 |
| S/T CA SCU 91 | | | (24 HR) | LUBA | | | 16 | N | BASE CA | | Laurence and the second | SE CAMP/0600 |
| S/T CA XAM 40 | | | | TAYL | | | 17 | N | BASE CA | | | SE CAMP/1800 |
| S/T CA XME 21 | | | | | MPSON | | 17 | Ν | BASE CA | areas and accompany | | SE CAMP/1800 |
| DOZER T2 CA I | · Personal Marcel | | | | PHARD | | 2 | Ν | BASE CA | | BAS | SE CAMP/1800 |
| DOZER T2 CA | SRF 4 | | | PILLC | W | | 3 | Ν | BASE CA | MP/0600 | BAS | SE CAMP/1800 |
| WT T2 BENS | | | | HALE | | | 17 | Ν | BASE CA | MP/0600 | BAS | SE CAMP/1800 |
| WT T2 CARNA | HAM | | (E-5) | CARN | NAHAM | | 1 | Ν | BASE CA | MP/0600 | BAS | SE CAMP/1800 |
| WT T2 GRUBB | S | | (E-4) | PEAR | CE | | 1 | Ν | BASE CA | MP/0600 | BAS | SE CAMP/1800 |
| WT T3 DEETS | | | (E-74) | | | | 3 | Ν | BASE CA | MP/0600 | BAS | SE CAMP/1800 |
| FELB | | | 382 | ALLE | N CARRICK | | 2 | Ν | BASE CA | MP/0600 | BAS | SE CAMP/1800 |
| FALC | | | | RANE | Y SHAULIS | | 1 | N | BASE CA | MP/0600 | BAS | SE CAMP/1800 |
| SOFR | | | | RON | HEINBOCKEL | | 2 | N | BASE CA | MP/0600 | | SE CAMP/1800 |
| FEMT | | | | CRAI | G PETERSEN | | 1 | N | BASE CA | MP/0600 | | SE CAMP/1800 |
| FEMT | | | | FRAN | IK CULHNO | | 1 | N | BASE CA | | | SE CAMP/1800 |
| | | | | | | | | | | | | |
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| 7. Control Opera | ations | | | | | | | | | | | |
| DATROL SECL | | 2 1101 5 | LINIT | | | | | | | | | |
| PATROL, SECU | JKE ANL | HOLD | LINE. | | | | | | | | | |
| MONITOR FOR | NEW S | TARTS. | TAKE SUF | PRES | SSION ACTION | N AS NE | EDED. | | | | | |
| | | • | | | | | | | | | | |
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| 8. Special Instru | ctions | | | | | | | | | | | |
| RIDGE / HEIGH | IT: 228 a | ac., | | | | | | | | | | |
| ARRANGE FOR | R BACKH | HAUL. | | | | | | | | | | |
| | | | | | | | | | | | | |
| 9. | | | | | sion/Group Com | municatio | ns Sun | nmary | | | | |
| Function | | ncy - RX | Frequency | | Tone | Syst | The second second second | | Channel | Systen | า | Channel |
| Command | | 5500 | 169.900 | | 5, 6 | FORES | | | 1 | | | |
| Tactical | 166. | 7750 | 166.775 | 50 | | NIFO | C T6 | | 5 | | | |

Approved by (Planning Section Chief)

AIR/GROUND

9

Date Prepared

Time Prepared

Logistics Air to Ground

169.1500

Prepared by (Resource Unit Leader)

BILL BRICKEY, RESL

169.1500

| | | | | 1. Branch | | | | 2. Divis | sion/Group | | | |
|--|---------------------|--------------|-------|--------------------|-----------|-----------------|------------------------|------------|--|-----------------|----------------|--------------|
| The said of the sa | Assignme | nt List | | 1.0 | IA | | | | | | | |
| Incident Name HOU | JGH COMPLE | ΞX | | 4. Operational F | 08/24/13 | | aturday | / Day Shit | t 0600 - 18 | 300 | | |
| 5. | | | | | ns Persor | | | L EON JE | | | | |
| Operations Chief | | BELL / MAR | SM | IIH(I) | Division | | | LEON JE | | | | |
| Operations Chief (Nigh | | | | | Air Attac | | | | | 1014 5 | EDTDAL | • (T) |
| Planning Ops | VAN ARRO | YO (T); MARK | COU | | Safety C | - | | TOM ZE | ULNER / F | IICK B | ERTRAN | 1(1) |
| 6. | | | | Resources A | | | NAME OF TAXABLE PARTY. | | | | | |
| Strike Team/Task F | orce/ Resource [| Designator | | Leader | | Num of Pers. | Y/N | Drop Off F | PT./Time | Pic | k Up PT./T | ime |
| CREW SHASTAL | AKE IHC | L | EE | | | 20 | Ν | BASE CAN | /IP / 0600 | BASE | E CAMP / | 1800 |
| CREW H-506 | | Т | URN | IER | | 12 | N | BASE CAN | /IP / 0600 | BASE | E CAMP / | 2000 |
| ENGINE T3 CA PN | NF 26 | F | OLE | N | | 5 | N | GREENVIL | LE / 0700 | GREE | ENVILLE | / 2000 |
| ENGINE T3 CA PN | NF 20 | T | 1WO | NSEND | | 5 | Ν | QUINCY | / 0600 | QL | JINCY / 1 | 800 |
| ENGINE T3 BOHIC | CA 31 | E | REG | LIA | | 5 | N | BASE CAN | /IP / 0700 | BASE | E CAMP / | 2000 |
| ENGINE T3 GREE | REENVILLE RANCHERIA | | /ANN | IING | | 5 | N | BASE CAN | | | E CAMP / | 1800 |
| ENGINE T6 CA PN | NF PATROL 2 | 1 F | OST | ER | | 2 | N | GREENVIL | LE / 0700 | GREE | ENVILLE | / 1800 |
| ENGINE T6 CA PN | NF PATROL 2 | 2 J | USK | A | | 2 | Ν | GREENVIL | | GREE | ENVILLE | / 1800 |
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| DOZ T2 NORTH S | STATE | (E-24) | SARS | SIDE | | 2 | N | BASE CAN | | | E CAMP / | 1800 |
| WT T2 CA PNF 3 | | F | RODF | RIGUEZ | | 2 | N | GREENVIL | LE / 0700 | GREE | ENVILLE | / 1800 |
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| 7. Control Operatio | ons | | | | | | | | | | | |
| MAINTAIN READII | NESS FOR IA | FROM ASS | IGNE | ED STATIONS | | | | | | | | |
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| 8. Special Instruction | ons | | | | | | | | | | | |
| NOTE DROP OFF | AND PICK U | POINTS. | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| 9. | | | Divis | sion/Group Com | municatio | ns Sur | mmary | | | | MASSELLA STORY | |
| | requency - RX | Frequency - | | Tone | Syst | | y | Channel | Syster | n | Chanr | nel |
| Command | 170.5500 | 169.9000 | | 5, 6 | FORES | TNE | T | 1 | | | | |
| Tactical | 168.2000 | 168.2000 | | | NIFC | T2 | | 8 | | | | |
| Logistics | | | | | | | | | | | | |
| Air to Ground | 169.1500 | 169.1500 | | | AIR/GR | 1 \ 4 | | 9 | | | | |
| Prepared by (Resource | | | | red by (Planning S | | | MM | Date Prepa | | Time | Prepared | |
| BILL BRICKEY (RE | -SL) | 5 | IEVE | ANDERSON | | VV | M, | 08/2 | 3/13 | | 1617 | A Passassass |
| 100 204 | | | | Fin | ıdı | | | | Page | of | 105 20 | 4 Forms |

AIR OPERATIONS SUMMARY Prepared By: Joos/ Driesbach

Prepared Date: 8/23/13 Prepared Time: 2200

1. INCIDENT NAME: Hough CPLX 2. OPERATIONAL PERIOD DATE: 8/24/13 START TIME:0800 END TIME:2024 SUNRISE: 0622 SUNSET: 1952 3. REMARKS (Safety Notes, Hazards, Air Operations Special Equipment, etc.): 4. MEDIVAC AIRCRAFT 5. TFR: In Place A-35 Visibility - Smoke, (Check with ATGS) Incident medevac: TFR for 119.075AM Flight Hazards- Snags and tight dip sites and drop sites Follow Hough Medical Plan NOTAM 3/5045 Cables and Powerlines across rivers Down Drafts from Thunderstorms 40* 07' 12" Fly all missions with landing lights on. 120* 52'06" 10,000'MSL @ 9NM Keep foam and retardant out of waterways, including dry river beds. centerpoint On order: Mobile Retardant Plant 8. FIXED-WING Avail/Type/Make-Model/ FAA N# / Base(s) 6. PERSONNEL NAME Phone # 7. FREQUENCY FM AM AOBD Brad Joos 805-886-6970 170,550 RX **Command Rptr** AA: 06 Chester CWN platform N1385L (Cessna 337) 169.900 TX Tone 6 **ASGS** Al Driesbach 805-703-0649 Air Tankers ; None assigned, needs coordinated thru Forest via Region ATGS Jason Winthrow 530-206-6955 **RW A/A Tactics** 119.075 Lead Planes: **ATGS Zackery Hawkins** 530-514-5280 FW A/A Tactics 170.000 Air to Ground 169.150 HEB1: **Curt Warner** DECK 805-478-1231 163.100 Helibase located at Quincy Airport HEB1 t: Flight Following National Guard AAML - Dan Hickey 916-798-3282 & TOLC Ground to Air Air Guard 168,6250 **Emergency Only** Plumas ECC Barb 530-283-7833 Dispatch

Special Equipment:

Crash Rescue

Water Tenders- N/A

Helo Operations Trailer

HELICOPTERS (Use Additional Sheets As Necessary)

| FAA N# | TY | MAKE/MODEL | BASE | AVAIL | START | REMARKS | FAA N# | TY | MAKE/MODEL | BASE | AVAL | START | REMARKS |
|--------|-----|------------|-------------------|-------|-------|---------|--------|----|------------|------------------|------|--|-------------------|
| H-506 | II | Bell 205 | Quincy Airport | 0730 | 0800 | A-29 | H-801 | ı | Chinook | RON @ Redding | 0900 | 0930 | National Guard |
| H-553 | III | Bell 206 | Quincy Airport | 0730 | 0800 | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | <u>. </u> | |
| | | | | | | | | | | | | | |

9. TASK/MSSION/ASSIGNMENT (Type/Function includes: Air Tactical, Retardant, Recon, Personnel Transport, Water Dropping, S&R, etc.)

| TYPE/FUNCTION | NAME OF PERSONNEL OR CARGO OR INTSTRUCTIONS FOR TACTICAL AIRCRAFT | MISSION START | FLY FROM | FLY TO |
|------------------------------------|--|--------------------------|--------------------|-----------|
| Air Tactical | Provide coverage as needed over incident by ATGS. ATGS to coordinate rotor and fixed wing A/C use and flight following over the fire. Monitor all divisions and new starts. | 0800 | Chester | Fire |
| Dropping Retardant: Air Tankers | FW air tankers as ordered by DIVS/OPS to ATGS. Support operations as necessary. Use National Guard ship to support heavy fire concentrations. | When requested | | Fire |
| Recon | Morning recons for Ops and Divs, once inversion lifts and clear air. Fly out of <u>Johnson Ranch</u> . Need helitack to staff helispot H-1 at the ranch | ТВА | Johnson Ranch | Fire |
| Mapping/Infrared | Daily mapping flights. Use H-1 (N40 05.115 W120 52.102 Elev 3523ft) at Johnson Ranch | TBA | Johnson Ranch | Fire |
| Transport of Personnel | | | | |
| Cargo Transport | .Game 2 Fire (Non-IMT incident) requested blivits. Confirm mission with air ops and Plumas Dispatch prior to launching. | | | |
| Dip Site Names and Locations | Establish Dip Site Manager @ Assigned sites. Record times and gallons!!! Get Lat and Longs of all dip sites | | Quincy Helibase | Fire |
| I.A. | Ship to be assigned per Helibase Mgr. ATGS to manage new starts with Ops and PNF ECC. | As requested through Ops | Quincy Helibase | IA |

Hough Complex - Safety Message

INCIDENT: # CA-PNF-001324 DATE: 08-24-13 TIME: 0600 - 1800 DAY

Major Hazards and Risks:

Environment

- High winds forecasted for Sat, 8 15 mph with occasional gusts to 20 mph in the late afternoon
- . Temperatures warming with increasing wind activity
- · Increasing fire behavior still a possibility
- · Possible long range spotting
- · Rugged steep terrain / Rolling rocks and other materials
- . Watch for snags on the line, roads and in camp. Mark them and make them known to your crews!

Human Factors

- · Fatigue We are all tired so help look out for each other
- · Complacency Do not let your guard down/ stay vigilant
- . When driving keep speeds at posted limits, seatbelts on and your headlights on
- . Dehydration due to increasing temperatures is a factor drink plenty of fluids and pace yourselves
- Lookouts, Communication, Escape Routes and Safety Zones make sure they are in place...
- Don't forget to get an anchor point on any initial attack fire

Animals, Insects and Other Pests

- Ticks (Lime Disease), Bees (aggressive), Mice (Hanta Virus), Rattle Snakes, Mountain Lions and Bears
- . Numerous Deer on public roads during early morning and early evenings trying to hit your vehicle

Incident Response Pocket Guide rules for working with airtankers

Have a plan; determine tactics based on strategy direct or indirect based on fire sizeup. Order appropriate aircraft for mission; aircraft should support ground resource tactics. Establish effective communication with ATGS, ASM, or pilot. Discuss strategy, tactics, wind conditions, and hazards with ATGS, ASM, or pilot. Establish an anchor point and work from it or towards it with aircraft. Order aircraft early; aircraft are most effective during initial attack. Let ground resources know when there is aircraft inbound. Ensure approach, departure, and line is clear of personnel and equipment. Inform ATGS, ASM, or pilot when the drop area is clear. Let ground resources know when drops are completed on a division or segment of line. Get feedback from on-scene ground resources regarding drop effectiveness. Relay feedback to aerial resource.



Aerial Retardant Safety

Clear personnel out of target area prior to drops. If you can't escape:

- · Hold your handtool away from your body.
- Lie face down with head toward oncoming aircraft and hardhat in place. Grasp something firm to prevent being carried or rolled about by the dropped liquid.
- · Do not run unless escape is assured.
- · Get clear of dead snags, tops, & limbs in drop area.
- Working in an area covered by wet retardant should be done with caution due to slippery surfaces.

Incident Safety Officers: Tom Zeulner SOF2 / Rick Bertram SOF2 (T) Lee Mercer- Forest Safety Officer

HOUGH COMPLEX INCIDENT ANALYSIS (ICS 215a)

| | 110001100HH L | EX INCIDENT ANALTSIS (ICS 213a) |
|-------------|-----------------------------------|---|
| DIV | HAZARDOUS ACTIONS / CONDITIONS | MITIGATIONS / WARNINGS / REMEDIES |
| ALL | COMMUNICATIONS | After cloning at ICP make sure to check your radio's operation |
| ALL | MINES | Stay on assignment, do not wander off Focus on the terrain while walking Stop often and look for irregularities in the terrain, - ex. Collapses GPS spot, contact division, flag it off and ensure others notified |
| ALL | HAZARD TREES | Follow Hazard Tree Safety Guidelines IRPG p.20 Limit number of personnel around snags and their exposure time; fallers must be qualified for trees being fallen. Be especially alert around snags during wind events. Check for hazard trees & "widow-makers. Look up and live. |
| ALL | HAZARDOUS WEATHER | Watch for changes in wind direction, intensity Observe build-up of clouds and be ready for downdrafts |
| ALL | FIRE BEHAVIOR | Monitor current weather conditions and forecasts. Make sure all personnel receive thorough briefings every shift. Maintain adequate escape routes and safety zones. Advise all personnel if these are compromised or changed. Set trigger points when appropriate. Adhere to 10 Std Fire Orders, mitigate 18 situations that shout Maintain Situational Awareness. LCES in place always. |
| ALL | FATIGUE | Be alert for signs of fatigue and take breaks as necessary. Maintain 2:1 work/rest ratio. Monitor incoming resources for level of fatigue. Drink plenty of fluids before, during and after your shift Stay alert for signs of heat exhaustion |
| ALL | AIRCRAFT OPERATIONS | Keep personnel out of drop zones. Use air-to-ground frequency to communicate with aircraft. Use clear, concise statements when directing aircraft. Use clock directions from pilot's perspective. Don't engage in "heli-mopping" if possible. Eliminate unnecessary pilot exposure. |
| ALL | LINE CONSTRUCTION | Utilize Risk Management Process IRPG p.1. Ensure LCES in place prior to engagement IRPG p. 6. Establish adequate safety zones IRPG p.7. Use Downhill Line Checklist, IRPG p. 8. Follow "Look Up, Look Down, Look Around" procedures IRPG p. 2-3 |
| ALL | INITIAL ATTACK | Do the Risk Management process prior to any engagement, IRPG p.1 LCES will be in place during any operation. This country requires you to LOOK UP, LOOK DOWN AND AROUND. The weather can change instantly, always be observant. Base all actions on current and expected fire behavior Possible long drive times to Initial Attack assignments |
| | DATE PREPARED: August 23, 2013 | OPERATIONAL PERIOD 0600 - 1800 DAY Shift 08/24/13 Prepared by |
| | TIME PREPARED: 2100 hrs | T. Zeulner SOF 2, Lee Mercer –Forest Safety Officer |

Risk Management Process and 10 Fire Orders

Situation Awareness-----Fire Orders 1&2

- a. Keep informed on fire weather conditions and forecasts
- b. Know what your fire is doing at all times

Gather Information Objective(s) Previous Fire Behavior Communication Weather Forecast Who's in Charge Local Factors Scout the Fire

Hazard Assessment-----Fire Order #3

a. Base all actions on current and expected behavior of the fire

Estimate Potential Fire Behavior Hazards Look Up/Down/Around Indicators Identify Tactical Hazards Watch Outs What other safety hazards exist? Consider severity vs. probability?

Hazard Control------Fire Orders 4,5,6,7

- a. Identify Escape routes and Safety zones and make them known
- b. Post lookouts where there is possible danger
- c. Be alert, Keep calm, Think clearly and Act decisively
- d. Maintain Prompt communications with your forces, supervisor and adjoining forces

Firefighting Orders LCES------P.A.C.E (Primary, Alternate, Contingency, Emergency)
Anchor Point
Downhill Checklist (if applicable)
What other controls are necessary?

Decision Point/Leaders Intent-----Fire Orders 8,9,10

- a. Give clear instructions and be sure they are understood
- b. Maintain control of your forces at all times
- c. Fight fire aggressively, having provided for safety first

Are controls in place for identified hazards?

NO - Reassess situation YES - Next question

Are selected tactics based on expected fire behavior?

NO - Reassess situation YES - Next question

Have instructions been given and understood?

NO - Reassess situation YES - Initiate action

Evaluate

Human Factors: Low experience level?

Distracted from primary tasks? Fatigue or stress reaction? Hazardous attitude?

The Situation: What is changing? Are strategy and tactics working?

| | | NT RADIO ATIONS PLAN | Incident Name | ugh Complex | | Date/Time Prepared 8/24/13 2100 HRS. | Operational Period Date/Time 8/24/13 0600-1800 | | | |
|---------|---------------------------------------|---|----------------|----------------|-------------------|--|--|------|-------------------------------------|--|
| Ch # | Function | Channel Name/Trunked Radio System Talkgroup | Assignment | RX Freq N or W | RX Tone/NAC | TX Freq N or W | Tx Tone/NAC | Mode | Remarks | |
| 1 | COMMAND | FOREST NET | ALL DIVISIONS | 170.5500 N | | 169.9000 N | | Α | T5-Kettlerock/T6-Mt.Hough | |
| 2 | TACTICAL | NIFC T3 | DIVISION B/H | 168.6000 N | | 168.6000 N | | Α | | |
| 3 | TACTICAL | NIFC T5 | CONTINGENCY | 166.7250 N | | 166.7250 N | | Α | UNSTAFFED | |
| 4 | TACTICAL | VTAC 11 | DIVISION W | 151.1375 N | | 151.1375 N | 156.7 | Α | MUST USE T6 TO TX | |
| 5 | TACTICAL | NIFC T6 | DIVISION Y | 166.7750 N | | 166.7750 N | | Α | | |
| 6 | TACTICAL | NIFC T7 | STR GRP | 168.2500 N | | 168.2500 N | | А | | |
| 7 | TACTICAL | VTAC 13 | CONTINGENCY | 158.7375 N | | 158.7375 N | 156.7 | Α | MUST USE T6 TO TX | |
| 8 | TACTICAL | NIFC T2 | INITIAL ATTACK | 168.2000 N | | 168.2000 N | | Α | | |
| 9 | AIR TO GROUND | AIR/GRND | ALL DIVISIONS | 169.1500 N | | 169.1500 N | | Α | | |
| 10 | | | | | | | | | | |
| 11 | | | | | | | | | | |
| 12 | | | | | | | | | | |
| 13 | | | | | | | | | | |
| 14 | | | | | | | | | | |
| 15 | CALCORD | Medical | CALCORD | 156.0750 N | | 156.0750 N | 156.7 | Α | A/G MEDICAL EMERGENCIES TONE 6 | |
| 16 | Air Guard | Guard | ALL DIVISIONS | 168.6250 N | | 168.6250 N | 110.9 | Α | Ground to Air EMERGENCY ONLY TONE 1 | |
| | epared by (Communi d Paschke, COML | MULL | | • | Incident Location | | CA Latitude | | N Longitude W | |

The convention calls for frequency lists to show four digits after the decimal place, followed by either an "N" or a "W", depending on whether the frequency is narrow or wide band. Mode refers to either "A" or "D" indicating analog or digital (Project 25)

Last Clone 08-22

| MEDICAL PLAN | 1. INCIDENT NAME Hough Complex | | . DATE REPARE | 3. T ED PRE | | Contract Con | ATIONAL DATE / TIN | | D | |
|---|---|--------------|------------------|----------------|----------|--|---|-------|-------------|--------------|
| ICS 206 | Hough Complex | | 08/23/13 | 3 1 | 1930 | 08/24/13 | | 0 | 600 - 18 | 300 |
| | 5. INCID | ENT ME | DICAL A | ID STA | | | | | | |
| MEDICAL A | AID STATIONS | | | | LO | CATION | | | PARAM | |
| | | | | | | | | | YES | NO |
| Med | ical Unit | | | | Bas | e Camp | | | | H |
| | | 6. TRAN | SPORTA | TION | | | | | | |
| | A | MEDE | VAC SER | VICES | | | 1 | | | |
| N | AME | | | LOC | CATION | | PHO | PHONE | | IEDIC |
| | | | | | | | | | YES | NO |
| | n Life Lite 5 | | V/1100000 | | St. Susa | er, Chico | 530-257- 800-344- | | \boxtimes | H |
| | at Care (NVG) copter (Hoist) | | | | d St. Re | | 530-225 | | | H |
| | Guard (Hoist, NVG) | | | | | edding Ca | Hough C | | | H |
| | ty Sheriff's (Hoist, NVG) | | | | Stead, | | 775-785 | | | |
| | | B. AM | BULANC | CES | | | | | | |
| N | AME | | | | LO | CATION | | | PARAM | 1EDIC |
| | | | | | | | | | YES | NO |
| | | | | | | | | | | |
| | | | | | | | | | | 무무 |
| | | 7 H | OSPITAL | S | | | | | | |
| NAME | ADDDESS | 7. 11. | TRAV | EL TIM | | PHONE | HELI | DAD | BU | RN |
| NAME | ADDRESS | | | m ICP | | FHORE | | | 200 | TER |
| Plumas District Hospital Minor Trauma | 1065 Bucks Lane, Quincy N39° 56.41' x W120° 57 | | AIR 15 Min | GROU 40 Mi | 50 | 30-283-2121 (ER) | YES | NO | YES | NO |
| Enloe Medical Center | 1531 Esplanade, Chico, | | 45 | 2 H1 | . 9: | 16-786-3033 (ER) | | | | |
| Level 2 | N39° 44.78' x W121° 51 | | Min | 2 111 | | 17 724 2002 (ED) | | | | |
| UC Davis Medical Center Level 1 | N38° 33.2907', W121° 27. | | Min | 3 Hı | r | 16-734-3892 (ER) | | | | |
| Renown Health Medical Level 2 | 1155 Mill St. Reno N39° 13.6853' x W121° 2. | 8323' | 45 Min | 2 Hı | r 7 | 75-982-4144 (ER) | | | | |
| | 8. MEDICA | | RGENCY | PROCI | EDURES | 3 | | | | |
| | | | | | | | | | | |
| LINE EMERGENCY | | | | П | NJURY | REPORTING P | ROCED | URES | | |
| | Commission of the commission and I made | | | 100 | | F INJURY | | | | |
| Division Supervisor Co | n Supervisor with complaint and Location ntacts: | 1. | | 1.700 | | OF PATIENT | | | | - |
| 1. Line EMT 2. Communication | s Unit | | | | | RTATION REQUEST B UENCY: Medical (Ch 1 | 200000000000000000000000000000000000000 | | | |
| Communications Unit Medical Unit | contacts: | | | 112000 | | PICK UP | | | - | |
| 2. Operations | | | | L | AT | LO | NG | | | |
| 3. Air Operations 4. Safety | / Helibase | | | P | ATIENT L | JNIT ID | | | | |
| 5. Liaison • Division Supervisor wil | Il designate Point of Contact who will run | emergency | on comm | 57 SS | GE: | TH PATIENT: YES | NO | | | |
| channel | | | | | | EFEMALE | | | | |
| Medical Unit | ill clear command channel for emergency | traine | | | | | | | | |
| 1. Arrange proper 2. Notify receiving | transportation hospital of injury status. | | | | | 1: | | | | |
| BASE CAMP / ICP EMERGENCY Contact Medical Unit with patient | zomplaint/ condition and location. Medic | al Unit will | respond to | V | | other information: | | | | |
| stabilize incident: • Medical Unit contacts: | | | • | | | | | | | |
| 1. Communication | s 4. Operation | | | | | | | | | |
| 2. Safety 3. Logistic | 5. Crew Supervisor | | | | | | | | | |
| 9. PREPARED BY (ME | DICAL UNIT LEADER) | | 10. | . REV | IEWE | D BY (SAFETY O | OFFICE | R) | | |
| Tye Johnson MEDL T | Medical: (530) 284-1047 | | To | m Zeul | lner SO | F2 MB | | | | |
| | , | | 1-3- | | | | | | | |

Blisters

What are blisters exactly? A blister is a collection of <u>clear</u> fluid called serum between skin layers. Firefighters get blisters from the friction of their boots against their skin.

How do I prevent blisters?

- Get the right boot. It's important to get the right fit. Your feet should not slip around in your boot. When you try them on, wear your hiking socks. Walk around in them, stand on your tip toes, squat, and walking down a ramp if you can. Your boots should feel comfortable. Don't compromise on fit.
- Wear good quality hiking socks that don't wear down as easily as cotton. Some firefighters wear sock liners underneath their socks. Sock liners made of wicking material help to wick moisture away from the skin.
- Keep your feet dry. Rub Gold Bond on your feet at night and in the morning to help keep them dry. Change out your socks if they feel damp. At camp, take your boots and socks off asap. Remove the insole and let them air dry.
- If you feel a hot spot, stop immediately and treat it. Clean it and place a bandage or moleskin on it to prevent further wear.

How do I treat a blister? If a blister has formed and it needs to be popped, here's what you do.

- Clean your hands and the blister
- Sterilize your needle by either (1) lighting it with your lighter until it turns red or (2) cleaning it with Purell
- Puncture the blister from the side with the needle and remove it. Repeat in different places if the blister doesn't immediately drain
- Apply pressure with bandage to encourage drainage.
- Apply a fabric band-aid that will allow the blister to dry.
- Avoid putting adhesive directly on the blister.

Hiking on Blisters

- Some firefighters apply moleskin **around** the blister to prevent the blister from rubbing against the boot. To do this, fold a piece of mole skin in half, **cut away a hole in the middle about the size of the blister**, and place over the blister. Cut notches on the moleskin to "form fit" around the involved area.
- Periodically check the bandages and change them if they are damp. It's important to keep the area dry. You might even let your feet air dry.

Other Tips

- Avoid putting adhesive directly on blisters.
- If needed, use duct tape or coban to secure moleskins.
- Careful that your bandages don't have sharp edges that would rub against nearby toes. Keep open wounds like blisters clean to prevent serious infections.
- Take care of your feet immediately

Fire Information

Just a friendly reminder, when you are out in the community and are approached by the public, please answer only questions that you are certain of. If uncertain of a question asked, please refer the community to the Public Information Officers in the ICP.

Also, please advise the community of the following information resources:

InciWeb – <u>www.inciweb.org</u>

Twitter - Central Coast IMT7

Thanks for your help,
CCIIMT7 PIOs

HOUGH COMPLEX PHONE LIST

| IC / Safety | 530-284-7596 |
|-------------------|--------------|
| Operations | 530-284-6685 |
| PIO | 530-284-7120 |
| PIO | 530-284-1815 |
| Resource / Demob | 530-284-1582 |
| Finance | 530-284-7068 |
| Med Unit | 530-284-1047 |
| Comm Unit | 530-284-1824 |
| Plans | 530-284-0823 |
| Supply / Ordering | 530-284-6238 |
| Situation | 530-284-1856 |
| Weather | 530-284-0915 |
| Ground Support | 805-558-6090 |
| Logistics | 805-878-1369 |
| Facilities | 323-855-0054 |

Trainee/Trainer Data Worksheet PLEASE PRINT CLEARLY!

A. Trainee Data

| Trainee Name: | | Cell P | hone # (|) | | | | |
|---|---------------|-------------|-------------|-----------|--------------|----------------------|---------|--------|
| Trainee Position: | | Order Num | nber (exam | ple: O-16 |) | | | |
| Agency Designator (example: CA-LPF) | | Ager | ncy Type: | Feder | al Sta | te | Local (| Govt. |
| If Federal, check one of the following; | USFS _ | BLM _ | BIA | _FWS | _DOD _ | _ NWS | N | PS |
| Ordered as a Trainee for the incident? | _Yes! | No / Ordere | ed as a USI | FS PRIOR | JTY Train | iee? | Yes_ | _No |
| Date Assigned: | Inc | cident Rel | ease Date | e: | | | ··, | - |
| Person's name and title that is response | ible for trac | cking your | qualificati | ons: (Whe | ere do you v | vant thi | s maile | d to?) |
| Name: | | | Title: _ | | | | | |
| Agency: | | | | | | ···· | | |
| Agency Address: | | | City | | | | | |
| State:Zip: Phone N | lumber: (|) | | | _ | | | |
| Valid Red Card or agency certification Trainee has current Position Taskbook Trainee has incident issued Position C. Trainer/Evaluator Data | ok issued by | home unit | ? | | | _Yes _Yes _Yes | No | |
| Trainer/Evaluator Name: | | | | | _Position: | | | |
| Agency: | | | | | | | | |
| Address: | | | | | | | | |
| State:Zip Code: | | | | | | | | |
| Order # (example: O-16) | | | | | | | | |
| D. Training Goals - (3 core tasks of | | | | | | | ident) | |
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| 3 | | | | | | | | |

| | UNIT LOG | | 1. INCIDENT NAME | 2. DATE 3. TIME PREPARED | | | |
|---|--------------|--|---------------------------------------|--|--|--|--|
| 4. UNIT NAME/DES | IGNATORS. 5. | UNIT LE | EADER (NAME AND POSITION) | 6. OPERATIONAL PERIOD | | | |
| 7. | | DED | SONNEL ROSTER ASSIGNED | | | | |
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| *************************************** | NAME | | ICS POSITION | HOME BASE | | | |
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| 8. | | | | **** | | | |
| | | ACTIV | ITY LOG (CONTINUE ON REVERSE) | | | | |
| TIME | | | MAJOR EVENTS | | | | |
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| 214 105 5 22 | 9. PREPARED BY (NAME AND POSITION) |
| 214 ICS 5-80 | 3. FREFARED BY (IMMIE AIND FUSITION) |