

# **Incident Action Plan**

## **Modoc July Complex**

**CA-MDF-000671**

**P5K7YC (0509)**



**FRIDAY**

**DAY SHIFT**

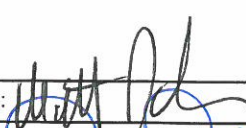
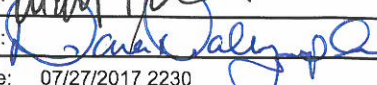
**07/28/17**

**0600-1800**


**PUBLIC INFORMATION 530-710-8620**



## INCIDENT OBJECTIVES (ICS 202)


<b>1. Incident Name:</b>	<b>2. Operational Period: DAY</b>	
MODOC JULY COMPLEX	Date/Time From: 07/28/2017 0600 FRI	Date/Time To: 07/28/2017 1800 FRI
<b>3. Objective(s):</b>		
<b>Management Objectives:</b>		
<ul style="list-style-type: none"> <li>• Ensure that strategies and tactics provide for firefighter and public safety through the application of sound risk management principles.</li> <li>• Establish and strengthen cooperater, partner, and stakeholder relationships.</li> <li>• Minimize the threat to critical infrastructure and private timberlands.</li> <li>• Work closely with assigned Resource Advisors to minimize suppression impacts on sensitive cultural areas.</li> <li>• Transition command of all incidents and resources from Modoc Lightning IA (West Zone MDF) into Modoc July Complex organization.</li> </ul>		
<b>4. Operational Period Command Emphasis:</b>		
<b>Control Objectives:</b>		
<ul style="list-style-type: none"> <li>• Using a full suppression strategy; minimize the size of fires through the use of direct tactics where it is safe to do so.</li> <li>• Continue to scout and gather intelligence on fires that are not yet recorded.</li> </ul>		
<b>General Situational Awareness:</b>		
<p><b>5. Site Safety Plan Required?</b>    Yes <input type="checkbox"/>    No <input checked="" type="checkbox"/></p> <p><b>Approved Site Safety Plan(s) Located at:</b></p>		
<b>6. Incident Action Plan</b> (the items checked below are included in this Incident Action Plan):		
<input checked="" type="checkbox"/> ICS 202 <input checked="" type="checkbox"/> ICS 203 <input checked="" type="checkbox"/> ICS 204 <input checked="" type="checkbox"/> ICS 205 <input type="checkbox"/> ICS 205A <input checked="" type="checkbox"/> ICS 206	<input type="checkbox"/> ICS 207 <input type="checkbox"/> ICS 208 <input checked="" type="checkbox"/> ICS 220 <input checked="" type="checkbox"/> Map/Chart <input checked="" type="checkbox"/> Weather Forecast/Tides/Currents	<b>Other Attachments:</b> <input checked="" type="checkbox"/> 215A <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____
<b>7. Prepared by:</b> MATT JOHNSON	<b>Position/Title:</b> PSC2	<b>Signature:</b> 
<b>8. Approved by Incident Commander:</b>	<b>Name:</b> RICK YOUNG	<b>Signature:</b> 
ICS 202	IAP Page	<b>Date/Time:</b> 07/27/2017 2230

## ORGANIZATION ASSIGNMENT LIST (ICS 203)

<b>1. Incident Name:</b>		<b>2. Operational Period:</b> DAY	
MODOC JULY COMPLEX		Date/Time From: 07/28/2017 0600 FRI	Date/Time To: 07/28/2017 1800 FRI
<b>3. Incident Commander(s) and Command Staff:</b>		<b>6. Logistics Section:</b>	
IC	RICK YOUNG	CHIEF	JACK COSTELLO
DEPUTY	DAREN DALRYMPLE	DEPUTY	MIKE HECKENDORN
LIAISON OFFICER	TIM FIKE KIP MORRILL (T)	ORDERING	MARK ALLEN TRACEY VALENTINE
SAFETY OFFICER	S. DAVIS / T. O'CONNELL F.PINGICZER	SUPPLY UNIT	MANI BOSLAUGH
INFORMATION OFFICER	ADRIENNE FREEMAN	FACILITIES UNIT	RIC CROWTHER / BILL PATTEN ROBIN DAVIS
<b>4. Agency/Organization Representative(s):</b>		GROUND SUPPORT UNIT	JOHN FELL MERLE DRUCKER
<b>Agency/Organization</b>	<b>Name</b>	COMMUNICATIONS UNIT	DON STONER
MDF AGENCY ADMIN.	DD HARRISON; ED ARMIENTA GARY KEDISH (T)	MEDICAL UNIT	PAT YOUNG
US FISH AND WILDLIFE	KEN GRIGGS	FOOD UNIT	KEVIN BROWNING SEAN CAYWOOD
CAL FIRE AGENCY REP	MIKE SMITH	<b>7. Operations Section:</b>	
MODOC COUNTY SHERIFF	MIKE POINDEXTER WILLIAM "TEX" DOWDY	DAY OPS SECTION CHIEF	SCOTT LUCAS HEATHER MCRAE (T)
CHP	DANNY KOETSIER	NIGHT OPS SECTION CHIEF	ERIC PETTERSON
TRIBAL REPRESENTATIVE	KEN SANDUSKY	PLANNING OPS	DAN GEORGE / BERNIE SPIELMAN (T)
BNSF	JOE AHO	<b>Branch</b>	<b>1</b>
COLLINS PINE	LEE FLEDDERJOHANN	BRANCH DIRECTOR	STEVE RAYMER
COTOP (WESTERN AREA POWER ADMIN.)		DIVISION/GROUP	A TOM BROWNING TERRY LIM (T)
<b>5. Planning Section:</b>		DIVISION/GROUP	D SHEPLEY SCROTH - CARY JASON POWERS (T)
CHIEF	JEFF BUSCHER	DIVISION/GROUP	H MARIO GOMEZ
DEPUTY	MATT JOHNSON JOHN OWEN	DIVISION/GROUP	N JAY WALTER ZACHARY FREIWALD (T)
RESOURCES UNIT	DUANE MILLER	DIVISION/GROUP	STAGING ROBIN ACE
SITUATION UNIT	MATT BROWN RYAN WAKEFIELD (T)	<b>Branch</b>	
DEMOBILIZATION UNIT	ROBERTA LIM MIKE DUNKEL (T)	<b>2</b>	
IMET	RYAN WALBRUN	BRANCH DIRECTOR	STEVE BURNS
FIRE BEHAVIOR ANALYST	MATT BROWN	DIVISION/GROUP	S SHAWN CRAIG BRENT BOLTSHAUSER (T)
TRAINING SPECIALIST	BRAD SMITH	DIVISION/GROUP	Q SHANNON PRATHER MYRON SHECHE (T)
GIS SPECIALIST	M.GRUPE / M. ROSSI S. WALTERSCHEID	DIVISION/GROUP	Y CHRIS ORR
TECHNOLOGY SUPPORT SPECIALIST	ZACH SOHL SHANE NEAL		
SCKN	WAYNE BARNEY RONNEE HELZNER		
<b>9. Prepared By:</b> Name: DUANE MILLER		Position/Title: RESL	Signature:
ICS 203	IAP Page	Date/Time: 07/27/2017 1507	



## ORGANIZATION ASSIGNMENT LIST (ICS 203)

<b>1. Incident Name:</b>		<b>2. Operational Period: DAY</b>	
MODOC JULY COMPLEX		Date/Time From: 07/28/2017 0600      FRI	Date/Time To: 07/28/2017 1800      FRI
<b>7b. Air Operations Branch:</b>			
AIR OPS BRANCH DIRECTOR	DENNIS KUSTER		
AIR SUPPORT SUPERVISOR	STACI DICKSON		
HELIBASE MANAGER	BRAD NELSON		
<b>8. Finance/Administration Section:</b>			
CHIEF	BETH LOPEZ VICKI WILSON (T)		
PERSONNEL TIME UNIT	PENNY PORTLUCK		
EQUIPMENT TIME UNIT	JUANITA CORTEZ		
COMPENSATION UNIT	TINA KENNEDY		
COST UNIT	SAM RAPPHAHN		
<b>9. Prepared By:</b> Name: DUANE MILLER		Position/Title: RESL	Signature: 
ICS 203	IAP Page	Date/Time: 07/27/2017 1507	



## Modoc July Complex Fire Weather Forecast



**FORECAST NO:** 2

**NAME OF FIRE:** Modoc July Complex

**PREDICTION FOR:** 0600-1800 Day shift

**UNIT:** CA-MDF

**SHIFT DATE:** 7/28/17

**SIGNED:**

**TIME AND DATE**

**Incident Meteorologist:** Ryan Walbrun-IMET

**FORECAST ISSUED:** 2100 hours on 7/27

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*...Hot dry and unstable with Haines 5 this afternoon...*

**WEATHER DISCUSSION:** Warming and drying trend continues today. There will be a few fair weather cumulus build-ups over the hills this afternoon. That will be a signal of the unstable air aloft with a Haines 5 forecast this afternoon implying high potential for plume dominated fire growth for any of the fires on the Complex. Winds will mainly be terrain driven but southwest afternoon gusts to 20 mph will be likely. Be aware that should you roll into a night shift that humidity recovery is expected to be poor tonight, so expect things to remain active right through sunset.

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**WEATHER FORECAST for Today:**

**WEATHER:** Sunny this morning then a few cumulus build ups this afternoon.

**HIGH TEMPERATURES:** 87-92. Trend of 2-5 degrees warmer

**HUMIDITY:** Afternoon minimum 12-18%. Trend of about 5% drier.

**20 FT WINDS:**

**RIDGETOP** - West to Southwest 4-8 mph...local afternoon gusts 15-20 mph.

**SLOPE/VALLEY** - Light then afternoon upslope 3-7 mph gusts 10-12 mph.

**HAINES INDEX:** 5

**STABILITY/INVERSION:** Little or no morning inversion, thing becoming very unstable after 2 pm.

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**Friday Night:** Be aware of poor night time humidity recovery. RH values will stay below 20% through sunset and then only slowly recover to around 40% for a few overnight hours. Otherwise mostly clear with light winds and overnight lows around 60.

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**Extended OUTLOOK:** The main theme for the weekend will be continued warming and drying trend as strong high pressure builds. The wild card will remain if any thunderstorms develop. Right now the best guidance suggests we will just see some afternoon cumulus build-ups and not convection. However this threat will need to be looked at closely each day. Otherwise expect daytime highs well into the 90s with afternoon humidity single digits to low teens. Winds will generally be light and terrain driven but westerly afternoon gusts to 20 mph each afternoon.

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**SAFETY INFORMATION:** Now is the time to prepare for the upcoming heat. Hydrate yourselves for days ahead of the upcoming heat event. Please monitor hourly RH trends to find trigger points on your part of the fire. Afternoon cumulus clouds should be a Watch Out Situation and signal that unstable air is over the fire environment.

## FIRE BEHAVIOR FORECAST

FORECAST NUMBER: 004	TYPE OF FIRE: Wildfire Full Suppression
FIRE NAME: Modoc July Lightning Complex	OPERATIONAL PERIOD: 7-28-17 Day Shift
DATE ISSUED: 7-28-17	TIME ISSUED: 0600
UNIT: CA-MDF	SIGNED: <u>    Matt Brown    </u> Typed/printed: Matt Brown LTAN(t)

### INPUTS

#### WEATHER SUMMARY:

High Temperature of 87-92 degrees. Minimum humidity of 12-18%. Winds are upslope in the afternoon at 5mph. 20ft Winds SW 5-8mph gusts 15-20. Air will become very unstable after 1400 hrs. Expect very poor RH recovery overnight with maximum Rh 40%. Expect 24 hour burning period.

### OUTPUTS

#### FIRE BEHAVIOR

##### GENERAL:

The fires are burning in a complex mix of fuels depending on location. All live fuels are showing at or just above average fuel moisture for this time of year; however, the dead fuels are trending very dry and are at the 90<sup>th</sup> percentile. ERC, which is derived from a large contribution of dead fuel moisture, is trending at the 90<sup>th</sup> percentile. The fire needs a moderate wind component to spread, >5mph. Fine fuels are very abundant and will react to wind shifts rapidly. Although there is fire history in the area the fuel type lends itself to rapid replacement. Old fire scars cannot be relied upon to hold or slow fires or provide safety zones. **The next few days we will be experiencing very hot, dry and unstable conditions.**

##### SPECIFIC:

Expect fire behavior in the sage brush and grass to have low flame lengths and present opportunities to go direct under the right wind conditions and morning Rh values. Mid shift, reevaluate and look to position crews close to good black since gusty winds can produce runs with rapid rates of spread. Take weather locally as Rh in the teens or Fine Dead Fuel Moistures of <6% have shown to produce fire behavior conditions where direct attack may not be possible. The abundant grass crop is providing enough pre-heating of the sage to produce late summer burning conditions under the right winds.

In timber type fuels, expect higher than average flame lengths as the ERC approaches the 90<sup>th</sup> percentile. Expect group torching under the influence of gusty winds. In areas with heavy dead and down, expect good consumption and weakening of trees and root structures. Expect juniper to torch out when fire is carried under low canopy.

In heavy brush component, especially in DIV Q/S, expect higher rates of spread and long flames lengths. This area has high mortality brush and frequent needle draped canopy. This fuel type occurs frequently on ground that consists of lava and thus extremely uneven terrain. Overestimate the length of your escape routes in this fuel type. In areas where a grass crop has grown under the canopy, expect higher flame lengths, good consumption and increased rates of spread.

##### AIR OPERATIONS:

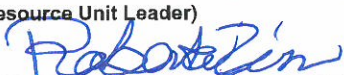

Smoke may linger in valleys obscuring air operation opportunities early in the operational period. Smoke dispersion will be to the N with transport winds reaching 9 mph. Mixing height will vary throughout the day establishing at 2500 ft in the morning and increasing to 9000 feet in the afternoon.

### SAFETY

Multiple lightning strikes have impacted the area. Holdover fires may be undetected and can come to life with long flame lengths and rapid rates of spread when under the influence of gusty winds. The combination of these fuels and winds have the ability to trap crews between previously undetected fires. **Use lookouts, shorten your escape routes and increase the size of your safety zones when Rh drops into the teens and afternoon winds increase.** Unstable conditions can create fire whirls when wind strikes terrain features, fuels change in height and continuity, or when *firing operations progress rapidly and/or combine with the main fire.* **Fire whirls are unpredictable in direction of travel and present another condition that can lead to entrapments.** Get to safe black when they impact your area of operation and watch for large debris flying through the air.



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

<b>1. Incident Name:</b>			<b>3.</b>			
MODOC JULY COMPLEX			<b>I</b>		<b>A 1 OF 2</b>	
<b>2. Operational Period:</b> <b>DAY</b>						
Date/Time From: 07/28/2017 0600      FRI		Date/Time To: 07/28/2017 1800      FRI				
<b>4. Operations Personnel</b>						
<b>OPERATIONS CHIEF</b>		SCOTT LUCAS / HEATHER MCRAE (T)		<b>DIVISION/GROUP SUPERVISOR</b>		TOM BROWNING / TERRY LIM (T)
<b>BRANCH DIRECTOR</b>		RAYMER, STEVE		<b>AIR OPS BRANCH DIRECTOR</b>		DENNIS KUSTER
<b>5. Resources Assigned this Period</b>						
Strike Team / Task Force / Resource Designator		LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time
HC1 BECKWOURTH C-4		08/07	MIKE WINTCH	20	DP 95/0700	1800/
HC1 FULTON IHC C-13		08/09	JOSH ACOSTA	20	DP 95/0700	1800/
ENG FIRESTORM 9908		07/27	JAMES AURENTZ	3	DP 95/0700	1800/
ENG3 GRAYBACK28		08/04	NATHAN WHEELock	3	DP 95/0700	1800/
ENG6 FIRESTORM 9904		08/05	JOSHUA BRADLEY	3	DP 95/0700	1800/
ENG6 FIRESTORM 9912 E-83		08/09	GRAHAM LOWE	3	DP 95/0700	1800/
DOZ2 BUSHY W/LOWB E-8		08/07	BOB BUSHY	2	DP 95/0700	1800/
<b>6. Control Operations/Work Assignments:</b>						
<ul style="list-style-type: none"> <li>Continue to improve and mop-up existing control lines.</li> <li>Be prepared for I.A.</li> <li>Initiate control actions on any new or unstaffed incidents.</li> <li>Be prepared to help other divisions.</li> </ul>						
<b>7. Special Instructions:</b>						
Boundary identifiers for Division:						
<ul style="list-style-type: none"> <li>South of Oregon border</li> <li>East of Hwy 139</li> <li>North of Clear Lake reservoir</li> <li>West of Willow creek</li> </ul>						
Resources will utilize water tracking form in IAP and turn into Division Supervisor at end of shift.						
All divisions will identify I.A. resources to be ready for immediate response.						
<b>8. Division/Group Communication Summary</b>						
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode
COMMAND	1	173.7875 N	0.0	162.4875 N	146.2	A
TACTICAL	5	168.0500 N	110.9	168.0500 N	110.9	A
AIR TO GROUND CMD	9	169.0875 N	0.0	169.0875 N	0.0	A
AIR TO GROUND TAC	10	165.0000 N	0.0	165.0000 N	0.0	A
<b>9. Prepared By (Resource Unit Leader)</b>			<b>Approved By (Planning Section Chief)</b>		<b>Date</b>	<b>Time</b>
ROBERTA LIM 			MATT JOHNSON 		07/27/2017	2200



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

<b>1. Incident Name:</b>			<b>3.</b>			
MODOC JULY COMPLEX			Branch:  <b>I</b>		Division/Group:  <b>A 2 OF 2</b>	
<b>2. Operational Period:</b> <b>DAY</b>						
Date/Time From: 07/28/2017 0600                      FRI		Date/Time To: 07/28/2017 1800                      FRI				
<b>4. Operations Personnel</b>						
<b>OPERATIONS CHIEF</b>		SCOTT LUCAS / HEATHER MCRAE (T)		<b>DIVISION/GROUP SUPERVISOR</b>		TOM BROWNING / TERRY LIM (T)
<b>BRANCH DIRECTOR</b>		RAYMER, STEVE		<b>AIR OPS BRANCH DIRECTOR</b>		DENNIS KUSTER
<b>5. Resources Assigned this Period</b>						
Strike Team / Task Force / Resource Designator		LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time
WT2 E-60		08/08	RAY O ACKLEY	1	DP 95/0700	1800/
WT2 CROSS E-14		08/08	ROBERT CROSS	1	DP 95/0700	1800/
TFLD O-16		08/09	JOEL MORTIER	1	DP 95/0700	1800/
HEQB O-14		08/09	ERICK CASTANEDA	1	DP 95/0700	1800/
FOBS O-83		08/09	JEFFREY CRAWFORD	1	DP 95/0700	1800/
SOFR O-47		08/08	CHARLES FRANK	1	DP 95/0700	1800/
FEMP O-54		08/08	CHRIS MICKELSON	1	DP 95/0700	1800/
FEMT O-59		08/08	TYLER SASSEN	1	DP 95/0700	1800/
<b>6. Control Operations/Work Assignments:</b>						
<ul style="list-style-type: none"> <li>• Continue to improve and mop-up existing control lines.</li> <li>• Be prepared for I.A.</li> <li>• Initiate control actions on any new or unstaffed incidents.</li> <li>• Be prepared to help other divisions.</li> </ul>						
<b>7. Special Instructions:</b>						
Boundary identifiers for Division:						
<ul style="list-style-type: none"> <li>• South of Oregon border</li> <li>• East of Hwy 139</li> <li>• North of Clear Lake reservoir</li> <li>• West of Willow creek</li> </ul>						
Resources will utilize water tracking form in IAP and turn into Division Supervisor at end of shift.						
All divisions will identify I.A. resources to be ready for immediate response.						
<b>8. Division/Group Communication Summary</b>						
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode
COMMAND	1	173.7875 N	0.0	162.4875 N	146.2	A
TACTICAL	5	168.0500 N	110.9	168.0500 N	110.9	A
AIR TO GROUND CMD	9	169.0875 N	0.0	169.0875 N	0.0	A
AIR TO GROUND TAC	10	165.0000 N	0.0	165.0000 N	0.0	A
<b>9. Prepared By (Resource Unit Leader)</b>			<b>Approved By (Planning Section Chief)</b>		<b>Date</b>	<b>Time</b>
ROBERTA LIM <i>Roberta Lim</i>			MATT JOHNSON <i>Matt Johnson</i>		07/27/2017	2200

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

<b>1. Incident Name:</b>			<b>3.</b>			
MODOC JULY COMPLEX			Branch:  <b>I</b>		Division/Group:  <b>D</b>	
<b>2. Operational Period: DAY</b>						
Date/Time From: 07/28/2017 0600 FRI		Date/Time To: 07/28/2017 1800 FRI				
<b>4. Operations Personnel</b>						
<b>OPERATIONS CHIEF</b>		SCOTT LUCAS / HEATHER MCRAE (T)		<b>DIVISION/GROUP SUPERVISOR</b>		
				SHEPLEY SCHROTH-CARY JASON POWERS (T)		
<b>BRANCH DIRECTOR</b>		STEVE RAYMER		<b>AIR OPS BRANCH DIRECTOR</b>		
				DENNIS KUSTER		
<b>5. Resources Assigned this Period</b>						
Strike Team / Task Force / Resource Designator		LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time
HC2IA FORT APACHE C-18		08/06	KENNY BURNETTE / DEWAYNE QUINTRRO (T)	20	DP 72/0700	1800/
HC2IA DROMEDARY PEAK C-12		08/06	KEVIN FRANK	20	DP 72/0700	1800/
ENG3 ENF 333 E-97		08/03	RYAN STYPA	5	DP 72/0700	1800/
ENG3 MT. ADAMS E-13		08/08	MIKE STUTTS	3	DP 72/0700	1800/
ENG3 I.A.R. 9 E-107		08/07	KEITH GRISHAM	5	DP 72/0700	1800/
WT2 LARRANAGA E-15		08/08	GILBERT MADRIGAL	1	DP 72/0700	1800/
FEMP O-52		08/02	DEDE DAVIS	1	DP 72/0700	1800/
FEMT O-56		08/08	MARK MURRAY	1	DP 72/0700	1800/
<b>6. Control Operations/Work Assignments:</b>						
<ul style="list-style-type: none"> <li>Continue to improve and mop-up existing control lines.</li> <li>Be prepared for Initial Attack and to help other divisions.</li> <li>Initiate control actions on any new or unstaffed incidents.</li> </ul>						
<b>7. Special Instructions:</b>						
Boundary identifiers for Division:						
<ul style="list-style-type: none"> <li>South of Oregon border</li> <li>East of 48N19 / 48N70 road</li> <li>North of Township 45</li> <li>West of Goose lake</li> </ul>						
Resources will utilize water tracking form in IAP and turn into Division Supervisor at end of shift. All divisions will identify I.A. resources to be ready for immediate response.						
<b>8. Division/Group Communication Summary</b>						
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode
COMMAND	1	173.7875 N	0.0	162.4875 N	146.2	A
TACTICAL	6	168.6000 N	110.9	168.6000 N	110.9	A
A/G CMD	9	169.0875 N	0.0	169.0875 N	0.0	A
A/G TAC	10	165.0000 N	0.0	165.0000 N	0.0	A
<b>9. Prepared By (Resource Unit Leader)</b>			<b>Approved By (Planning Section Chief)</b>		<b>Date</b>	<b>Time</b>
DUANE MILLER			MATT JOHNSON		07/27/2017	2200



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

<b>1. Incident Name:</b>			<b>3.</b>			
MODOC JULY COMPLEX			Branch:  <b>I</b>		Division/Group:  <b>H</b>	
<b>2. Operational Period: DAY</b>						
Date/Time From: 07/28/2017 0600      FRI		Date/Time To: 07/28/2017 1800      FRI				
<b>4. Operations Personnel</b>						
<b>OPERATIONS CHIEF</b>		SCOTT LUCAS / HEATHER MCRAE (T)		<b>DIVISION/GROUP SUPERVISOR</b>		
				MARIO GOMEZ		
<b>BRANCH DIRECTOR</b>		STEVE RAYMER		<b>AIR OPS BRANCH DIRECTOR</b>		
				DENNIS KUSTER		
<b>5. Resources Assigned this Period</b>						
Strike Team / Task Force / Resource Designator		LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time
HC2IA MESCALERO C-1		08/07	CLYDE DAVIS / TERRENCE ROBINSON (T)	20	DP 55/0700	1800/
ENG3 AZ-PEO 199 E-110		08/02	KURT WALKER	4	DP 55/0700	1800/
ENG3 GRAYBACK 29 E-106		08/04	CHARLES PALMER	3	DP 55/0700	1800/
ENG6 VOLCANO CREEK 1 E-88		08/09	TIM AYLES	3	DP 55/0700	1800/
ENG6 PACIFIC OASIS E-108		08/04	SIDNEY KENNEDY / DANIEL HEGLER (T)	3	DP 55/0700	1800/
WT2 ALTURAS E-57		08/08	RUSTY STANFORD	1	DP 55/0700	1800/
SOFR O-49		08/08	RANDAL VINSON	1	DP 55/0700	1800/
FEMP O-55		08/08	MARK HAAS	1	DP 55/0700	1800/
FEMT O-58		08/08	RANDOLPH GREEN	1	DP 55/0700	1800/
<b>6. Control Operations/Work Assignments:</b>						
<ul style="list-style-type: none"> <li>Continue to improve and mop-up existing control lines.</li> <li>Be prepared for Initial Attack and to help other divisions.</li> <li>Initiate control actions on any new or unstaffed incidents.</li> </ul>						
<b>7. Special Instructions:</b>						
Boundary identifiers for Division:						
<ul style="list-style-type: none"> <li>South of Township 46</li> <li>East of forest road 44N11 / 46N10</li> <li>North of forest boundary</li> <li>West of forest administrative boundary and Hwy 395</li> </ul>						
Resources will utilize water tracking form in IAP and turn into Division Supervisor at end of shift. All divisions will identify I.A. resources to be ready for immediate response.						
<b>8. Division/Group Communication Summary</b>						
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode
COMMAND	1	173.7875 N	0.0	162.4875 N	146.2	A
TACTICAL	7	166.7250 N	110.9	166.7250 N	110.9	A
A/G CMD	9	169.0875 N	0.0	169.0875 N	0.0	A
AIR TO GROUND TAC	10	165.0000 N	0.0	165.0000 N	0.0	A
<b>9. Prepared By (Resource Unit Leader)</b>			<b>Approved By (Planning Section Chief)</b>		<b>Date</b>	<b>Time</b>
DUANE MILLER			MATT JOHNSON		07/27/2017	2200

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

<b>1. Incident Name:</b>			<b>3.</b>			
MODOC JULY COMPLEX			<b>I</b>		<b>N 1 OF 3</b>	
<b>2. Operational Period:</b> <b>DAY</b>						
Date/Time From: 07/28/2017 0600                      FRI		Date/Time To: 07/28/2017 1800                      FRI				
<b>4. Operations Personnel</b>						
<b>OPERATIONS CHIEF</b>		SCOTT LUCAS / HEATHER MCRAE (T)		<b>DIVISION/GROUP SUPERVISOR</b>		JAY WALTER ZACHARY FREIWALD (T)
<b>BRANCH DIRECTOR</b>		STEVE RAYMER		<b>AIR OPS BRANCH DIRECTOR</b>		DENNIS KUSTER
<b>5. Resources Assigned this Period</b>						
Strike Team / Task Force / Resource Designator		LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time
HC1 ST 9220G C-23		08/09	PETER COATES	31	DP 35/0700	1800/
HC1 BRECKENRIDGE C-8		08/09	JAMES ROBERTSON	20	DP 35/0700	1800/
ENG3 ST 9221C E-101 24HR		08/09	GARY ROBINSON	18	DP 35/0700	1800/
ENG3 BOHICA E-80		07/29	ANTHONY CABALES	3	DP 35/0700	1800/
ENG3 BRATCHER 22 E-111		08/04	SHANE BRATCHER	3	DP 35/0700	1800/
ENG3 AVRA VALLEY FIRE E-104			DAVID COLLINES	4	DP 35/0700	1800/
ENG6 FIRESTORM 9903 E-86		08/09	TOBY BEHR	3	DP 35/0700	1800/
ENG6 FIRESTORM 9905 E-87		08/09	SAM PEARCE	3	DP 35/0700	1800/
<b>6. Control Operations/Work Assignments:</b>						
<ul style="list-style-type: none"> <li>• Continue to improve and mop-up existing control lines.</li> <li>• Be prepared for I.A.</li> <li>• Initiate control actions on any new or unstaffed incidents.</li> <li>• Be prepared to help other divisions.</li> </ul>						
<b>7. Special Instructions:</b>						
Boundary identifiers for Division:						
<ul style="list-style-type: none"> <li>• South of and including Clear Lake reservoir</li> <li>• East of Hwy 139</li> <li>• North of Hwy 299 / forest boundary</li> <li>• West of forest road 44N11 / 46N10</li> </ul>						
Resources will utilize water tracking form in IAP and turn into Division Supervisor at end of shift.						
All divisions will identify I.A. resources to be ready for immediate response.						
<b>8. Division/Group Communication Summary</b>						
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode
COMMAND	1	173.7875 N	0.0	162.4875 N	146.2	A
TACTICAL	8	166.7750 N	110.9	166.7750 N	110.9	A
AIR TO GROUND CMD	9	169.0875 N	0.0	169.0875 N	0.0	A
AIR TO GROUND TAC	10	165.0000 N	0.0	165.0000 N	0.0	A
<b>9. Prepared By (Resource Unit Leader)</b>		<b>Approved By (Planning Section Chief)</b>			<b>Date</b>	<b>Time</b>
DUANE MILLER		MATT JOHNSON			07/27/2017	2200



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



<b>1. Incident Name:</b>			<b>3.</b>			
MODOC JULY COMPLEX			Branch:  <b>I</b>		Division/Group:  <b>N 2 OF 3</b>	
<b>2. Operational Period:</b>			<b>DAY</b>			
Date/Time From: 07/28/2017 0600      FRI		Date/Time To: 07/28/2017 1800      FRI				
<b>4. Operations Personnel</b>						
<b>OPERATIONS CHIEF</b>		SCOTT LUCAS / HEATHER MCRAE (T)		<b>DIVISION/GROUP SUPERVISOR</b>		JAY WALTER ZACHARY FREIWALD (T)
<b>BRANCH DIRECTOR</b>		STEVE RAYMER		<b>AIR OPS BRANCH DIRECTOR</b>		DENNIS KUSTER
<b>5. Resources Assigned this Period</b>						
Strike Team / Task Force / Resource Designator		LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time
DOZ2 BUSHEY W/LOWB E-7		08/07	JOHN LOOPER	2	DP 35/0700	1800/
WT2 GET WET E-58		08/08	TYLER MINTO	1	DP 35/0700	1800/
WT2 LEVENTON MULE DEER E-61		08/08	SCOTT LEVENTON	1	DP 35/0700	1800/
TFLD O-17		08/09	JUSTIN NASH	1	DP 35/0700	1800/
HEQB O-8			JACK TURNER	1	DP 35/0700	1800/
HEQB (T) O-172		08/10	KRISTIN WINFORD	1	DP 35/0700	1800/
<b>6. Control Operations/Work Assignments:</b>						
<ul style="list-style-type: none"> <li>Continue to improve and mop-up existing control lines.</li> <li>Be prepared for I.A.</li> <li>Initiate control actions on any new or unstaffed incidents.</li> <li>Be prepared to help other divisions.</li> </ul>						
<b>7. Special Instructions:</b>						
Boundary identifiers for Division:						
<ul style="list-style-type: none"> <li>South of and including Clear Lake reservoir</li> <li>East of Hwy 139</li> <li>North of Hwy 299 / forest boundary</li> <li>West of forest road 44N11 / 46N10</li> </ul>						
Resources will utilize water tracking form in IAP and turn into Division Supervisor at end of shift.						
All divisions will identify I.A. resources to be ready for immediate response.						
<b>8. Division/Group Communication Summary</b>						
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode
COMMAND	1	173.7875 N	0.0	162.4875 N	146.2	A
TACTICAL	8	166.7750 N	110.9	166.7750 N	110.9	A
AIR TO GROUND CMD	9	169.0875 N	0.0	169.0875 N	0.0	A
AIR TO GROUND TAC	10	165.0000 N	0.0	165.0000 N	0.0	A
<b>9. Prepared By (Resource Unit Leader)</b>			<b>Approved By (Planning Section Chief)</b>		<b>Date</b>	<b>Time</b>
DUANE MILLER			MATT JOHNSON		07/27/2017	2200

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

<b>1. Incident Name:</b>			<b>3.</b>			
MODOC JULY COMPLEX			<b>Branch:</b>		<b>Division/Group:</b>	
<b>2. Operational Period:</b> DAY			<b>I</b>		<b>N 3 OF 3</b>	
Date/Time From: 07/28/2017 0600 FRI		Date/Time To: 07/28/2017 1800 FRI				
<b>4. Operations Personnel</b>						
<b>OPERATIONS CHIEF</b>		SCOTT LUCAS / HEATHER MCRAE (T)		<b>DIVISION/GROUP SUPERVISOR</b>		JAY WALTER ZACHARY FREIWALD (T)
<b>BRANCH DIRECTOR</b>		STEVE RAYMER		<b>AIR OPS BRANCH DIRECTOR</b>		DENNIS KUSTER
<b>5. Resources Assigned this Period</b>						
Strike Team / Task Force / Resource Designator		LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time
FOBS O-81		08/09	AARON BENNINGTON	1	DP 35/0700	1800/
FOBS (T) O-82		08/09	FRANK SIMMONS	1	DP 35/0700	1800/
SOFR O-50		08/08	WILLIAM SCHUCKERT	1	DP 35/0700	1800/
FEMP O-53		08/08	BOB ERICKSON	1	DP 35/0700	1800/
FEMP O-93		08/09	BRANDON WHITNEY	1	DP 35/0700	1800/
REAF O-62		08/08	GARRETT NOLES	1	DP 35/0700	1800/
<b>6. Control Operations/Work Assignments:</b>						
<ul style="list-style-type: none"> <li>▪ Continue to improve and mop-up existing control lines.</li> <li>▪ Be prepared for I.A.</li> <li>▪ Initiate control actions on any new or unstaffed incidents.</li> <li>▪ Be prepared to help other divisions.</li> </ul>						
<b>7. Special Instructions:</b>						
Boundary identifiers for Division:						
<ul style="list-style-type: none"> <li>▪ South of and including Clear Lake reservoir</li> <li>▪ East of Hwy 139</li> <li>▪ North of Hwy 299 / forest boundary</li> <li>▪ West of forest road 44N11 / 46N10</li> </ul>						
Resources will utilize water tracking form in IAP and turn into Division Supervisor at end of shift.						
All divisions will identify I.A. resources to be ready for immediate response.						
<b>8. Division/Group Communication Summary</b>						
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode
COMMAND	1	173.7875 N	0.0	162.4875 N	146.2	A
TACTICAL	8	166.7750 N	110.9	166.7750 N	110.9	A
AIR TO GROUND CMD	9	169.0875 N	0.0	169.0875 N	0.0	A
AIR TO GROUND TAC	10	165.0000 N	0.0	165.0000 N	0.0	A
<b>9. Prepared By (Resource Unit Leader)</b>			<b>Approved By (Planning Section Chief)</b>		<b>Date</b>	<b>Time</b>
DUANE MILLER			MATT JOHNSON		07/27/2017	2200



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

<b>1. Incident Name:</b>		<b>3.</b>				
MODOC JULY COMPLEX		<b>Branch:</b>		<b>Division/Group:</b>		
<b>2. Operational Period:</b>		<b>II</b>		<b>Q</b>		
<b>DAY</b> Date/Time From: 07/28/2017 0600 FRI		Date/Time To: 07/28/2017 1800 FRI				
<b>4. Operations Personnel</b>						
<b>OPERATIONS CHIEF</b>		SCOTT LUCAS / HEATHER MCRAE (T)		<b>BRANCH DIRECTOR</b> STEVE BURNS		
<b>DIVISION/GROUP SUPERVISOR</b>		SHANNON PRATHER MYRON SHECHE (T)		<b>AIR OPERATIONS BRANCH DIRECTOR</b> DENNIS KUSTER		
<b>5. Resources Assigned this Period</b>						
Strike Team / Task Force / Resource Designator	LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time	
HC1 BIG BEAR C-16	08/08	FRANK ESPOSITO	19	DP 46/0700	1800/	
HC2IA RHP C-2				DP 46/0700	1800/	
HC2IA BEAR JAW				DP 46/0700	1800/	
HC2IA WHITE MTN. C-21	08/05	OWEN SMITH	21	DP 46/0700	1800/	
ENG3 ANF21				DP 46/0700	1800/	
ENG3 ANF339				DP 46/0700	1800/	
ENG3 MDF44				DP 46/0700	1800/	
ENG3 ANF31				DP 46/0700	1800/	
ENG3 ENF364				DP 46/0700	1800/	
ENG3 MNF 353				DP 46/0700	1800/	
DOZ2 MDF4				DP 46/0700	1800/	
DOZ2 DIAMOND RONS				DP 46/0700	1800/	
FOBS O-84	08/10	MICHAEL WACHHOLZ	1	DP 46/0700	1800/	
<b>6. Control Operations/Work Assignments:</b>						
<ul style="list-style-type: none"> <li>• Continue to improve and mop-up existing control lines.</li> <li>• Be prepared for I.A and to help other divisions while initiating control actions on new fires.</li> </ul>						
<b>7. Special Instructions:</b>						
Boundary identifiers for Division:						
<ul style="list-style-type: none"> <li>• South of 41N10 road</li> <li>• Area East, West, and North of DPA. (Resources will utilize water tracking form in IAP and turn into Division Supervisor at end of shift).</li> </ul>						
<b>8. Division/Group Communication Summary</b>						
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode
COMMAND	1	173.7875 N	0.0	162.4875 N	146.2	A
TACTICAL	13	168.2375 N	0.0	168.2375 N	0.0	A
A/G CMD	9	169.0875 N	0.0	169.0875 N	0.0	A
A/G TAC	10	165.0000 N	0.0	165.0000 N	0.0	A
<b>9. Prepared By (Resource Unit Leader)</b>		<b>Approved By (Planning Section Chief)</b>		<b>Date</b>	<b>Time</b>	
						

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

<b>1. Incident Name:</b>			<b>3.</b>			
MODOC JULY COMPLEX			<b>II</b>		<b>S</b>	
<b>2. Operational Period: DAY</b>						
Date/Time From: 07/28/2017 0600 FRI		Date/Time To: 07/28/2017 1800 FRI				
<b>4. Operations Personnel</b>						
<b>OPERATIONS CHIEF</b>		SCOTT LUCAS / HEATHER MCRAE (T)		<b>DIVISION/GROUP SUPERVISOR</b>		SHAWN CRAIG BRENT BOLTSHAUSER (T)
<b>BRANCH DIRECTOR</b>		STEVE BURNS		<b>AIR OPERATIONS BRANCH DIRECTOR</b>		DENNIS KUSTER
<b>5. Resources Assigned this Period</b>						
Strike Team / Task Force / Resource Designator		LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time
HC2IA GROVELAND		08/10	PATRICK LAENG	18	DP 33/0700	1800/
ENG3 ST 5780C			ERIK BORBAUG	24	DP 33/0700	1800/
ENG3 MDF 45					DP 33/0700	1800/
DOZ2 STEWART W/ LOWBOY E-98		08/09	TOM STEWART	2	DP 33/0700	1800/
WT2 KILLINGBECK E-59		08/08	BRIAN INGRAHM	1	DP 33/0700	1800/
HEQB O-7		08/01	STEVE YOUNG	1	DP 33/0700	1800/
SOF2 O-105			WARREN VILLA	1	DP 33/0700	1800/
FEMP O-90 / FEMT O-57		08/09	CROSSLEY / FARRER	1	DP 33/0700	1800/
<b>6. Control Operations/Work Assignments:</b>						
<ul style="list-style-type: none"> <li>• Continue to improve and mop-up existing control lines.</li> <li>• Be prepared for I.A.</li> <li>• Initiate control actions on any new or unstaffed incidents.</li> <li>• Be prepared to help other divisions.</li> </ul>						
<b>7. Special Instructions:</b>						
Boundary identifiers for Division:						
<ul style="list-style-type: none"> <li>• South of Hwy 139</li> <li>• West of Canby</li> <li>• East of KV transmission</li> <li>• North of DPA</li> </ul>						
Resources will utilize water tracking form and turn into Division Supervisor at end of shift and identify all resources to be ready for immediate response for I.A.						
<b>8. Division/Group Communication Summary</b>						
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode
COMMAND	1	173.7875 N	0.0	162.4875 N	146.2	A
TACTICAL	12	167.1125 N	0.0	167.1125 N	0.0	A
A/G CMD	9	169.0875 N	0.0	169.0875 N	0.0	A
A/G TAC	10	165.0000 N	0.0	165.0000 N	0.0	A
<b>9. Prepared By (Resource Unit Leader)</b>			<b>Approved By (Planning Section Chief)</b>		<b>Date</b>	<b>Time</b>
DUANE MILLER			MATT JOHNSON		07/27/2017	2200



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

<b>1. Incident Name:</b>			<b>3.</b>			
MODOC JULY COMPLEX			Branch:  <b>II</b>		Division/Group:  <b>Y</b>	
<b>2. Operational Period: DAY</b>						
Date/Time From: 07/28/2017 0600 FRI		Date/Time To: 07/28/2017 1800 FRI				
<b>4. Operations Personnel</b>						
<b>OPERATIONS CHIEF</b>		SCOTT LUCA S / HEATHER MCRAE (T)		<b>BRANCH DIRECTOR</b>		
				STEVE BURNS		
<b>DIVISION/GROUP SUPERVISOR</b>		CHRIS ORR		<b>AIR OPERATIONS BRANCH DIRECTOR</b>		
				DENNIS KUSTER		
<b>5. Resources Assigned this Period</b>						
Strike Team / Task Force / Resource Designator		LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time
ENG3 4641C					DP19 /0700	1800/
ENG3 MDF82					DP19 /0700	1800/
ENG3 MDF65					DP19 /0700	1800/
DO22 WHITE BEAR W/ LOWBOY E-99		08/09	JUSTIN DERNER	2	DP19 /0700	1800/
HEQB O-15			GAEB GIDDINGS	1	DP19 /0700	1800/
<b>6. Control Operations/Work Assignments:</b>						
<ul style="list-style-type: none"> <li>▪ Continue to improve and mop-up existing control lines.</li> <li>▪ Be prepared for I.A.</li> <li>▪ Initiate control actions on any new or unstaffed incidents.</li> <li>▪ Be prepared to help other divisions.</li> </ul>						
<b>7. Special Instructions:</b>						
Boundary identifiers for Division:						
<ul style="list-style-type: none"> <li>• South of the Oregon border</li> <li>• West of Hwy 139</li> <li>• East of Klamath / Shasta-Trinity National Forest boundary</li> <li>• North of KV transmission line</li> </ul>						
Resources will utilize water tracking form in IAP and turn into Division Supervisor at end of shift.						
All divisions will identify I.A. resources to be ready for immediate response.						
<b>8. Division/Group Communication Summary</b>						
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode
COMMAND	1	173.7875 N	0.0	162.4875 N	146.2	A
TACTICAL	11	166.5500 N	0.0	166.5500 N	0.0	A
A/G CMD	9	169.0875 N	0.0	169.0875 N	0.0	A
A/G TAC	10	165.0000 N	0.0	165.0000 N	0.0	A
<b>9. Prepared By (Resource Unit Leader)</b>			<b>Approved By (Planning Section Chief)</b>		<b>Date</b>	<b>Time</b>
MIKE DUNKEL			MATT JOHNSON		07/27/2017	2200





# AIR OPERATIONS SUMMARY

Prepared By: Dennis Kuster

Prepared Date: 7/27/2017


Prepared Time: 20:00

<b>1. INCIDENT NAME:</b> Modoc July Complex	<b>2. OPS PERIOD DATE:</b> 7/28/2017	<b>START TIME:</b> 0800	<b>END TIME:</b> 2000	<b>SUNRISE:</b> 0553	<b>SUNSET:</b> 2024
<b>3. REMARKS (Safety Notes, Hazards, Air Operations, Special Equipment, etc.):</b> Watch for wires in river canyon. Beware of rapidly changing VFR conditions due to smoke Watch for thunderstorm development.					
<b>4. READY ALERT AIRCRAFT</b> MEDEVAC 525 I.A.			<b>5. TFR #:</b> 7/7067 Center 41°56.50 120°54.38 7NM 9000'MSL		

6. PERSONNEL		PHONE #	7. FREQUENCIES		AM	FM	8. FIXED-WING- Type/ Make-Model/ N#/ Base	
AOBD	Dennis Kuster	209 352-0855	AIR/ AIR FW			169.150	AIRTANKERS -	Ordered by ATGS
ASGS	Staci Dickson	530-277-5153	AIR/ AIR RW		124.5750		LEAD PLANES-	Ordered by ATGS
ATGS	Derek Wheeler	530-355-3274	AIR/ AIR RW- TFR		118.2250		05	
ASGS			A/G Command			169.0875		
			A/G Tactical			165.0000		
HEB1	Brad Nelson	559-349-6793	COMMAND	rx	See comm	Plan	MDF ECC Aircraft Dispatcher	530-233-8880
HEB2				tx			OTHER FW AIRCRAFT-	
Alturas	Helibase		DECK			163.100		
Air Ops Desk			TOLC					

9. HELICOPTERS (Use Additional Sheets as Necessary)										
FAA N#	T	Y	MAKE/ MODEL	BASE	AVAIL	START	REMARKS	FAA N#	T	Y
525	3		Astar B3	Alturas	0900	0900				
314	1		Kamax	Alturas	0900	0900				
7AC	1		Sky Crane	Alturas	0900	0900				
350VR	3		Astar B3	Alturas	0900	0900				
ka	1		Kamax	Alturas	0900	0900				

10. TASK/ MISSION/ ASSIGNMENT (Type/ function includes: Air Tactical, Retardant, Recon, Personnel Transport, Bucket Operations, SAR, etc.)			FLY FROM	FLY TO
TYPE/FUNCTION	NAME OF PERSONNEL OR CARGO (if applicable) or instructions for tactical aircraft	MISSION START	MISSION START	MISSION START
Water Dropping		As Needed		
Recon				

DIV	HAZARDOUS ACTIONS / CONDITIONS	MITIGATIONS / WARNINGS / REMEDIES
ALL	<b>DANGER TREES</b>	<ul style="list-style-type: none"> <li>Follow "Hazard Tree Safety" guidelines, IRPG pages 22.</li> <li>Post lookouts, or use a spotter in mop-up areas with personnel.</li> <li>Don't park vehicles or take breaks in high concentrations of hazard trees.</li> <li>Establish trigger points for disengagement during high wind events".</li> </ul>
ALL	<b>TRAFFIC &amp; DRIVING</b>	<ul style="list-style-type: none"> <li>Practice "Defensive Driving" techniques.</li> <li>Use spotters when backing.</li> <li>Always use headlights.</li> <li>Use warning lights when working on roads or traveling in smoke..</li> <li>Reduce speed when dusty, maintain adequate spacing with other vehicles.</li> <li>Some roads are dead end with poor turn around, scout roads first.</li> <li>Watch for livestock</li> </ul>
ALL	<b>SPOT FIRES</b>	<ul style="list-style-type: none"> <li>Size up prior to engagement.</li> <li>Watch for multiple spots.</li> <li>Ensure LCES is in place.</li> <li>Maintain Situational Awareness at all times.</li> </ul>
ALL	<b>FIRE WEATHER</b>	<ul style="list-style-type: none"> <li>Winds increasing or changing direction.</li> <li>Weather becoming hotter and drier.</li> <li>Unstable atmosphere can promote rapid fire growth.</li> </ul>
ALL	<b>FIRING OPERATIONS</b>	<ul style="list-style-type: none"> <li>Maintain situational awareness.</li> <li>Watch for open areas and sign of improvements or irrigation systems.</li> <li>Be aware of evidence that cultivation has occurred in the area.</li> <li>If you stumble upon an area with probable cultivation be extremely cautious, exit on the same route you arrived and notify supervisor immediately.</li> </ul>
ALL	<b>STEEP TERRAIN &amp; ROLLING DEBRIS</b>	<ul style="list-style-type: none"> <li>Maintain 8'-10' spacing when working &amp; walking.</li> <li>Don't work above any personnel.</li> <li>Evaluate necessity to send personnel in areas with limited access.</li> </ul>
ALL	<b>FATIGUE</b>	<ul style="list-style-type: none"> <li>Be alert for signs of fatigue and take breaks as necessary.</li> <li>Maintain 2:1 work/rest ratio.</li> <li>Monitor incoming resources for level of fatigue.</li> </ul>
ALL	<b>ENVIRONMENTAL HAZARDS</b>	<ul style="list-style-type: none"> <li>Keep alert for wildlife, rattlesnakes, insects, and plants. Watch footing and hand placement around rocks.</li> <li><b>Personal hygiene is #1 when it comes to Poison Oak Prevention.</b></li> </ul>
COVE	<b>MARIJUANA PLANTATIONS</b>	<ul style="list-style-type: none"> <li>Maintain situational awareness.</li> <li>Watch for open areas and sign of improvements or irrigation systems.</li> <li>Be aware of evidence that cultivation has occurred in the area.</li> <li>If you stumble upon an area with probable cultivation be extremely cautious, exit on the same route you arrived and notify supervisor immediately</li> </ul>
ALL	<b>HEAT RELATED ILLNESS (HRI) &amp; DEHYDRATION</b>	<ul style="list-style-type: none"> <li>Drink 2 to 1 water to sports drinks.</li> <li>Take frequent breaks, minimum of 10 minutes every hour.</li> <li>Recognize symptoms of HEAT RELATED ILLNESS which include; Lack of energy, Headaches, dizziness, lack of rest, no hunger, poor eating habits, hot skin, and lack of sweating</li> </ul>
ALL	<b>HEAVY EQUIPMENT OPERATIONS</b>	<ul style="list-style-type: none"> <li>Ensure communications are established with operators.</li> <li>Use hand signals if other communications are unavailable.</li> <li>Maintain a 50'-100' exclusion area around equipment.</li> <li>Use a spotter when backing.</li> </ul>
INCIDENT NAME <b>MODOC JULY</b>  ICS 215a		DATE PREPARED: <b>July 27, 2017</b>  TIME PREPARED: <b>1600 HOURS</b>  OPERATIONAL PERIOD <b>Day Shift 07/28/17</b> 0600-1800 Prepared by: T. OConnell, Steve Davis Frank Pingiczer  



**Lookouts**  
**Communications**  
**Escape Routes**  
**Safety Zones**

# Modoc July Complex

Operation Period: 07/28/2017 Day Shift

## SAFETY MESSAGE

### Human Factors Errors

1. Underestimating hazards, and using inadequate safety measures.
2. Failing to notice changing conditions and adjusting tactics accordingly.

### 7 Barriers to Situational Awareness

1. Inexperience.
2. Getting too Comfortable (Complacency, Inattention, Autopilot).
3. Distraction from Primary Duty.
4. Priorities Out of Order.
5. Social Influences (Groupthink, Peer Pressure).
6. Stress Reaction (Tunnel Vision, Mission Fixation).
7. Physical Impairment (Fatigue, Carbon Monoxide, Heat Stress, Medications).

### MAJOR HAZARDS AND RISKS

STEEP TERRAIN FATIGUE SPOT FIRES	ROLLING MATERIAL DEHYDRATION BUCKET DROPS	HEAVY EQUIPMENT SNAGS COMPLACENCY
----------------------------------------	-------------------------------------------------	-----------------------------------------

*Be sure all elements of your safety plan are in place prior to engagement*

### Aircraft Safety

Keep personnel out of the drop zone

Use air to ground frequency to communicate with aircraft

Use the clock position of the aircraft to help coordinate target location

Use clear concise statement when communicating with the aircraft

Provide feedback on drop accuracy

### Weather Observations

Communicate the fire weather and fire behavior forecast to your personnel

Take local weather observations at your place of work

Communicate the local weather to all of your personnel

Establish decision points to monitor weather issues that can compromise your safety

MEDICAL PLAN	1. INCIDENT NAME MODOC JULY COMPLEX	2. DATE PREPARED 7/27/2017	3. TIME PREPARED 1800 Hrs.	4. OPERATIONAL PERIOD 0600-1800 07/28/2017				
<b>5. INCIDENT MEDICAL AID STATIONS</b>								
MEDICAL AID STATIONS		LOCATION			PARAMEDICS			
					YES	NO		
Medical Unit		ICP			X			
Frontline Medical Trailer		ICP			X			
FEMP Mickelson and FEMT Sassen		Division A			X			
FEMP Davis and FEMT Murray		Division D			X			
FEMP Green and FEMP Haas		Division H			X			
FEMP Erickson and FEMP Whitney		Division N			X			
FEMP Crossley and FEMT Farrer		Division S			X			
<b>6. TRANSPORTATION</b>								
<b>A. AIR RESOURCES</b>								
NAME		ADDRESS		PHONE	PARAMEDICS			
					YES	NO		
SEMSA Air 2- (Non-Hoist) NVG Capable		Adin, Ca. 96006		MICC P-530-233-4581 S-530-233-8880	RN/ Medic			
REACH- (Non-Hoist) NVG Capable		3775 Flight Ave. Redding, Ca. 96003		MICC P-530-233-4581 S-530-233-8880	RN/ Medic			
PHI Air Medical -(Non-Hoist) NVG Capable		1524 East St. Redding , Ca 96003		MICC P-530-233-4581 S-530-233-8880	RN/ Medic			
CDF 202 – Hoist Capable, No night Ops.		Bieber CDF		MICC P-530-233-4581 S-530-233-8880		No		
<b>B. INCIDENT AMBULANCES</b>								
NAME		LOCATION			PARAMEDICS			
					YES	NO		
Mountain Medics Ambulance 1		ICP			X			
Mountain Medics Ambulance 2		Crowder Spike			X			
<b>7. HOSPITALS</b>								
NAME	ADDRESS	TRAVEL TIME		PHONE	HELIPAD		BURN CENTER	
		AIR	GRND		YES	NO	YES	NO
Modoc Medical Center	228 W. McDowell, Alturas, Ca N 41 28.8 / W 120 22.6	15 M	40 M	530-233-7037	X			X
Rogue Regional Medical Center Level 2 Trauma	E. Barnett Rd Medford, Or N 42 19.80 / W 122 48.91	50 M	2.5 H	541-789-7132	X			X
Mercy Medical Center Level 2 Trauma	2175 Rosaline Ave. Redding, Ca N 40 34.13 / W 122 23.67	50 M	2.5 H	530-225-7201	X			X
Shasta Reg. Medical Center	1100 Butte St. Redding, Ca N 40 58.53 / W 122 38.69	50 M	2.5 H	530-244-5353	X			X
UC Davis Medical Ctr. Level 1 Trauma	2315 Stockton Blvd. Sacramento, Ca. N 38 33.17 / W 121 27.05	1.5H	6 H	916-734-5669 916-734-3636 Burn Center	X		X	
<b>8. MEDICAL EMERGENCY PROCEDURES</b>								
IN-CAMP CARE				LINE EMERGENCIES				
<ul style="list-style-type: none"> <li>Minor Injuries or illnesses</li> </ul>				<ul style="list-style-type: none"> <li>Start of shift; notify your Div Sup of EMT's and equipment you have available for response if needed.</li> </ul>				
<ul style="list-style-type: none"> <li>Unit Open 0600 hrs to 2200 hrs</li> </ul>				<ul style="list-style-type: none"> <li>Contact Communications and declare a medical emergency on command</li> </ul>				
<ul style="list-style-type: none"> <li>Moderate to Severe Injuries or Illnesses</li> </ul>				<ul style="list-style-type: none"> <li>Closest DIVS or designee responds to incident</li> </ul>				
<ul style="list-style-type: none"> <li>Contact Communications directly</li> </ul>				<ul style="list-style-type: none"> <li>Closest SOFR/EMT's respond to assist w/care</li> </ul>				
<ul style="list-style-type: none"> <li>Med Unit staffed after hours for Emergencies</li> </ul>				<ul style="list-style-type: none"> <li>Use attached Injury or Incident Comm. Protocol</li> </ul>				
				<ul style="list-style-type: none"> <li>If ambulance (ground or air) delayed designate rendezvous site and move towards it</li> </ul>				
				<ul style="list-style-type: none"> <li>Secure scene for investigation—keep a log</li> </ul>				
ICS 206 8-78		9. PREPARED BY (MEDICAL UNIT LEADER) P. Young MEDL		10. REVIEWED BY (SAFETY OFFICER) S. Davis SOF2				

# INCIDENT RADIO COMMUNICATIONS PLAN (ICS 205)

<b>1. Incident Name:</b>		<b>2. Date/Time Prepared:</b>		<b>3. Operational Period:</b> DAY						
MODOC JULY COMPLEX		Date: 07/27/2017 Time: 1929		Date/Time From: 07/28/2017 0600 Date/Time To: 07/28/2017 1800 FRI FRI						
<b>4. Basic Radio Channel Use:</b>										
Zone Group	Ch #	Function	Channel Name/Trunked Radio System Talkgroup	Assignment	RX Freq	RX Tone/NAC	TX Freq	TX Tone/NAC	Mode (A, D, or M)	Remarks
	1	COMMAND	ADM TN5	CMD	173.7875 N	0.0	162.4875 N	146.2	A	GROUSE MT T5
	2	COMMAND	ADM TN7	CMD	173.7875 N	0.0	162.4875 N	167.9	A	RED SHALE MT T7 NORTH WEST
	3	COMMAND	NIFC C1	ALT CMD	168.7000 N	0.0	170.9750 N	110.9	A	BLUE MT LO T1
	4	COMMAND	NIFC C9	ALT CMD	170.0125 N	0.0	165.2500 N	110.9	A	GROUSE MT T1
	5	TACTICAL	NIFC T1	DIV A	168.0500 N	110.9	168.0500 N	110.9	A	
	6	TACTICAL	NIFC T3	DIV D	168.6000 N	110.9	168.6000 N	110.9	A	
	7	TACTICAL	NIFC T5	DIV H / STAGING	166.7250 N	110.9	166.7250 N	110.9	A	
	8	TACTICAL	NIFC T6	DIV N	166.7750 N	110.9	166.7750 N	110.9	A	
	9	AIR TO GROUND	A/G CMD	ALL DIVISIONS	169.0875 N	0.0	169.0875 N	0.0	A	Order up Resources
	10	AIR TO GROUND	A/G TAC	ALL DIVISIONS	165.0000 N	0.0	165.0000 N	0.0	A	Communicate with ordered Resource
	11	TACTICAL	R5 T4	DIV Y	166.5500 N	0.0	166.5500 N	0.0	A	
	12	TACTICAL	R5 T5	DIV S	167.1125 N	0.0	167.1125 N	0.0	A	
	13	TACTICAL	R5 T6	DIV Q	168.2375 N	0.0	168.2375 N	0.0	A	
	14	CH 14							A	
	15	TACTICAL	CALCORD	ALL DIVISIONS	156.0750 N	156.7	156.0750 N	156.7	A	TONE 6 156.7
	16	AIR GUARD	AIR GUARD	ALL DIVISIONS	168.6250 N	0.0	168.6250 N	110.9	A	EMERGENCY USE ONLY TONE 1
<b>5. Special Instructions:</b>										
July Communication 1-925-588-6853										
<b>6. Prepared By</b>			Name: DON STONER							
(Communications Unit Leader)			Signature: <i>Don Stoner</i>							
ICS 205			Date/Time: 07/27/2017 1929							

## **Smoke Exposure for Wildland Firefighters**

Inhalation of smoke is a safety concern that can potentially impair your performance and cause short and long term health impacts.

### **Current Research on Smoke Exposure**

The US Forest Service Missoula Technology Development Center is currently conducting a smoke exposure assessment study. Data is currently being collected to determine the levels of carbon monoxide and PM<sub>4</sub> that wildland firefighters are being exposed to on prescribed and wildfires all over the US. This information will be used to better understand the health risks associated exposure to smoke on firelines.

### **What is in Smoke? What can happen from short-term exposures?**

Carbon Monoxide (CO) –

- Higher concentration in closer proximities to the combustion source
- Moderate exposure can lead to shortness of breath and headaches
- High levels of CO can lead to headaches, confusion, and a person collapsing on exertion
- You can recover from short-term exposures

Particulate Matter (PM<sub>4</sub>) –

- Particles that are small and can be inhaled deep in the lungs
- Deposits into the respiratory tract
- Can carry other chemicals into the body
- Short-term exposure can suppress the immune system and cause airway distress and irritation that can lead to shortness of breath, coughing and a sore throat

### **Long-Term Health Impacts**

Potential Health Impacts (not studied in wildland firefighters) –

- Chronic respiratory diseases (COPD, Bronchitis, Emphysema)
- Heart disease
- Cancer

Wildland Firefighters –

- Research study found significant associations between the greater number of years worked as a wildland firefighter and heart arrhythmia, hypertension and having had knee surgery

### **Reducing Exposure to Smoke - Mitigation Strategies**

- Mop-up – when conditions allow, mop-up only enough to secure line (50ft vs. 300 ft)
- Holding – if possible rotate crews or individuals in and out of areas with higher smoke exposure



## ***TRAINING SPECIALIST MESSAGE***

**A Training Specialist is assigned to the incident. All federal, state, and local government agency trainees working on position task books will need to register with the Incident Training Specialist in order to receive proper credit for your assignment.**

*A Trainee Registration Form is Attached*

**The TNSP Desk is located in the ICP adjacent to "Communications"**

**Trainees Assigned to Spike Camp: A NorCal 2 Team Member will be available following Briefing to collect completed Trainee Registration Forms.**

**It is to your advantage to register your training assignment as early in the incident as possible.**

**Plan Ahead !**

*Brad Smith*  
Training Specialist

# INCIDENT TRAINEE REGISTRATION FORM

Complete ALL fields and return to Training Specialist or DROP BOX for entry into database.

Remember to close out training packets with the Training Specialist before DEMOB.

## TRAINEE's DATA

Name (PRINT ): \_\_\_\_\_ ICS Trainee Position: \_\_\_\_\_

Request # (A,C,E,or O): \_\_\_\_\_ Agency Designator (Ex. CA-MNF): \_\_\_\_\_

USFS\_\_\_ State\_\_\_ BLM\_\_\_ BIA\_\_\_ NPS\_\_\_ FWS\_\_\_ Local Govt. \_\_\_ DOD\_\_\_ NWS\_\_\_

Is This A Regional or Local Priority Assignment? Yes No Ordered as a Trainee? Yes No

Date Assigned: \_\_\_\_\_ Cell Phone: \_\_\_\_\_

## Your Qualifications Coordinator : (Chief, Training Officer, ect)

Name: \_\_\_\_\_

Name of Home Unit: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_ Phone: \_\_\_\_\_

(Optional) Check to email copy of records to your home unit.

Training Officer's Email Address \_\_\_\_\_

## TRAINEE PREREQUISITES

1. Valid Red Card or agency certification card? \_\_\_\_\_Yes \_\_\_\_\_No

2. Trainee has current position task book issued by home unit? \_\_\_\_\_Yes \_\_\_\_\_No

Priority Open Tasks in PTB (You Want to Accomplish On This Incident)

1) \_\_\_\_\_

2) \_\_\_\_\_

3) \_\_\_\_\_

## YOUR TRAINER/EVALUATOR's DATA

Trainer/Evaluator Name: \_\_\_\_\_ ICS position on Incident \_\_\_\_\_

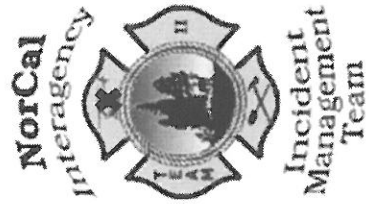
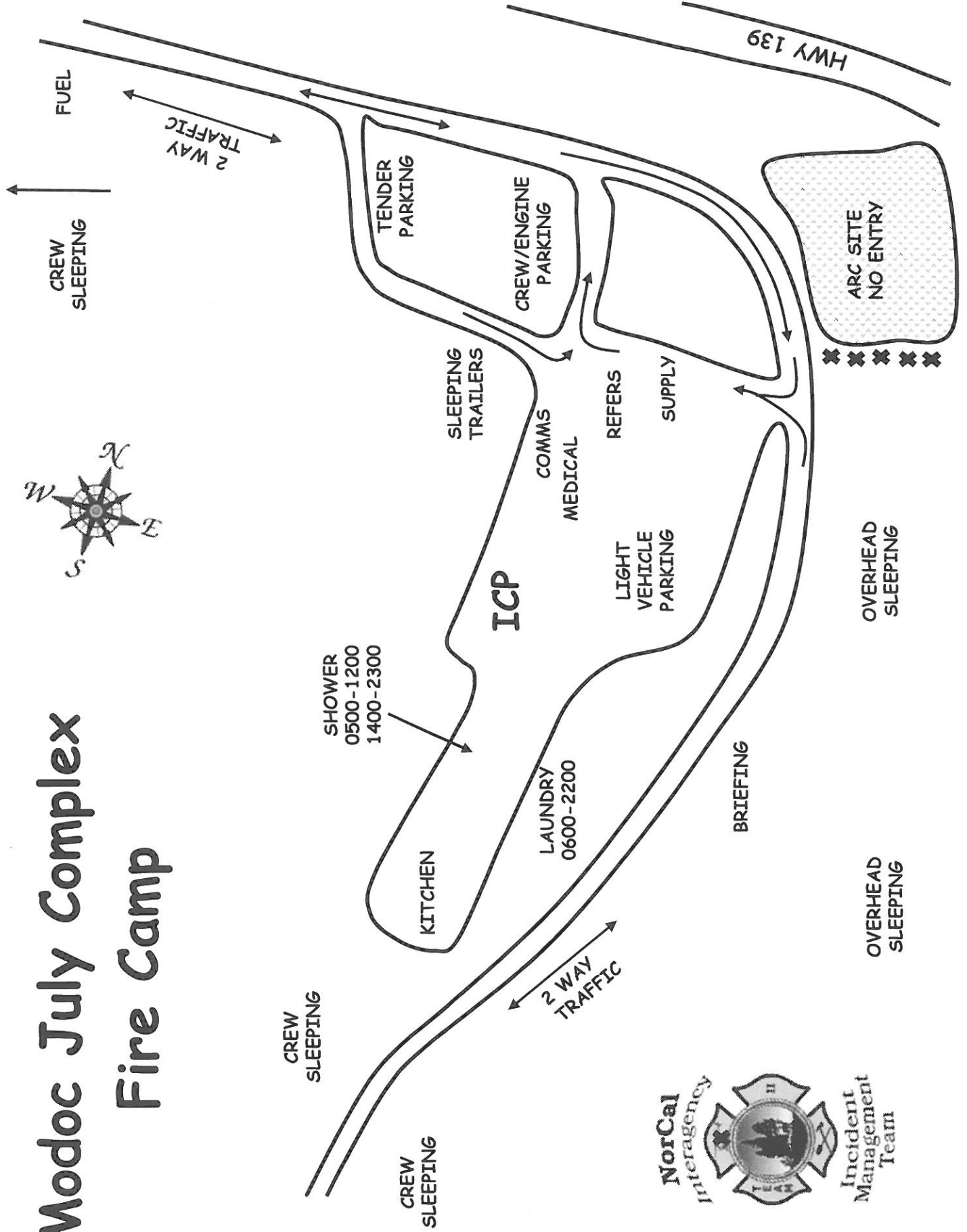
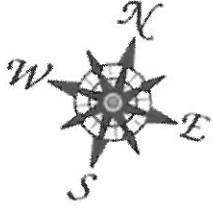
Home Unit: \_\_\_\_\_ Agency Designator(ex. CA-MNF): \_\_\_\_\_

Work Address: \_\_\_\_\_ City: \_\_\_\_\_

State: \_\_\_\_\_ Zip Code: \_\_\_\_\_ Cell Phone: \_\_\_\_\_



# Modoc July Complex Fire Camp







# NorCal 2 Division Fireline Order Form

Date & Time Order was placed	Order # (DIVS + #)	MODE OF DELIVERY	LOCATION OF Delivery
Current Date and Time:		GROUND SUPPORT	DIV, DP, LZ Lat Long
DATE NEEDED:		PICK UP IN SUPPLY	
TIME NEEDED:		HELO	

Order received in COMMUNICATIONS by:	Name:	Time:
Order Received in SUPPLY by:	Name:	Time:
Order shipped by Transportation or PU in Supply:	Name:	Time:

PLEASE ORDER BY ITEM NUMBER

<b>#</b>	<b>Item 1 - IS the following: (i.e. if you need 3000' of hose &amp; appliances, = 3 Hose Kit A's" or 3 item # 1's</b>				
1	'1,000 Foot Hose Lay' and includes: 10ro 1½" Hose; 10ro 1" Hose; 10ea 1½" Gated Wyes; 10ea 1½" to 1" reducers; 10ea 1" nozzles				
<b>#</b>	<b>Item</b>	<b>Amount</b>	<b>#</b>	<b>Item</b>	<b>Amount</b>
1	<b>Hose Kit A</b>				
2	Hose (100'), 1½"		28	Fuses (Boxes or Cases?)	
3	Hose (100'), 1"		29	Batteries "AA" PKGs (24/PKG)/BX	
4	Hose (50') garden, ¾"		30	Ribbon, Flagging (Specify Color)	
5	Nozzle, KK Type, 1½"		31	Shovel	
6	Nozzle, KK Type, 1"		32	Pulaski	
7	Nozzle, Forester, 1"		33	Combi Tool	
8	Nozzle, Garden, ¾"		34	McCloud	
9	Wye, Gated, 1½"		35	Washcloth, waterless, cleansing	
10	Wye, Gated, 1"		36	Sprinkler Kit	
11	Wye, Gated, ¾"		37	Mop-Up Kit, 3-Wand	
12	Inline-Tee, (1½" x 1")		38	<b>Chainsaw Kit / {accountability #}</b>	
13	Reducer, 1½"x 1"		39	Water, Cubies	
14	Reducer, 1"x ¾"		40	Water, Bottled, Cases	
15	Shut Off ¾"		41	Gatorade, Cases	
16	Foam 5 gal		42	MRE's (12/BX)	
17	Backpack Pump			ANYTHING NOT LISTED ABOVE:	
18	Pumpkin 1500 / 3000 / 6000 gal order size				
19	Folding-Tank 1000 / 1500 gal order size				
	<b>PUMP KITS</b>				
20	<b>Lightweight / {accountability #}</b>				
21	<b>Mark III / {accountability #}</b>				
22	Fuel Unleaded (5 Gal cans)			ACCOUNTABILITY PROPERTY #'S HERE:	
23	Fuel Drip Torch (5 gal cans)				
24	Fuel Diesel (5 gal cans)				
25	2 Cycle oil (Pints)				
26	Bar Oil (Qts)				
27	Drip Torch (ea)				

SPECIAL NOTES:







FOR ALL MEDICAL EMERGENCIES: IDENTIFY ON SCENE INCIDENT COMMANDER BY NAME AND POSITION AND ANNOUNCE "MEDICAL EMERGENCY" TO INITIATE RESPONSE FROM IMT COMMUNICATIONS/DISPATCH.

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

**1. CONTACT COMMUNICATIONS/DISPATCH**

Ex: "Communications, Div. Alpha. Stand-by for Priority Medical Incident Report." (If life threatening request designated frequency be cleared for emergency traffic.)

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

Nature of Injury/Illness		Describe the injury (Ex: Broken leg with bleeding)
Incident Name		Geographic Name + "Medical" (Ex: Trout Meadow Medical)
Incident Commander		Name of IC
Patient Care		Name of Care Provider (Ex: EMT Smith)

**3. INITIAL PATIENT ASSESSMENT:** Complete this section for each patient. This is only a brief, initial assessment. Provide additional patient info after completing this 9 Line Report.

Number of Patients:	Male / Female	Age:	Weight:
Conscious? <input type="checkbox"/> YES <input type="checkbox"/> NO = MEDEVAC!			
Breathing? <input type="checkbox"/> YES <input type="checkbox"/> NO = MEDEVAC!			
Mechanism of Injury: What caused the injury?			
Lat/Long (Datum WGS84) Ex: N 40° 42.45' x W 123° 03.24'			

**4. SEVERITY OF EMERGENCY, TRANSPORT PRIORITY**

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

**5. TRANSPORT PLAN:**

**Air Transport:** (Agency Aircraft Preferred)

Helispot  Short-haul/Hoist  Life Flight  Other

**Ground Transport:**

Self-Extract  Carry-Out  Ambulance  Other

**6. ADDITIONAL RESOURCE/EQUIPMENT NEEDS:**

<input type="checkbox"/> Paramedic/EMT(s)	<input type="checkbox"/> Crew(s)	<input type="checkbox"/> SKED/Backboard/C-Collar
<input type="checkbox"/> Burn Sheet(s)	<input type="checkbox"/> Oxygen	<input type="checkbox"/> Trauma Bag
<input type="checkbox"/> Medication(s)	<input type="checkbox"/> IV/Fluid(s)	<input type="checkbox"/> Cardiac Monitor/AED
<input type="checkbox"/> Other (i.e. splints, rope rescue, wheeled litter)		

**8. EVACUATION LOCATION:**

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

**9. CONTINGENCY:**