

**5. ADDITIONAL RESOURCES / EQUIPMENT NEEDS:**

Example: Paramedic/EMT, Crews, Immobilization Devices, AED, Oxygen, Trauma Bag, IV/Fluid(s), Splints, Rope rescue, Wheeled litter, HAZMAT, Extrication

**6. COMMUNICATIONS: Identify State Air/Ground EMS Frequencies and Hospital Contacts as applicable**

Function	Channel Name/Number	Receive (RX)	Tone/NAC	Transmit (TX)	Tone/NAC *
COMMAND					
AIR-TO-GRND					
TACTICAL					

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

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

**REMEMBER:** Confirm ETA's of resources ordered. Act according to your level of training. Be Alert. Keep Calm. Think Clearly. Act Decisively.

**Montrose Interagency  
Fire Management**

2020

Incident Organizer



Incident Name		
Incident Number		
Fire Code		
Jurisdiction Agency		
Command Established Date & Time		
Transition Command Date & Time		
IC Time and Date		
IC Time and Date		
Containment Date & Time		
Control Date & Time		
Date & Time Fire Declared Out		
Final Acres by Ownership		
Final Cause	Lightning	Human (specific if known)

\*Initial Strategy: Full Suppression    Monitor    Confine Point    Protection

IC Signature: \_\_\_\_\_

IC Printed Name: \_\_\_\_\_

### MTC FIRE SIZE-UP

IA#: \_\_\_\_\_ FIRE NAME: \_\_\_\_\_  
 IC NAME: \_\_\_\_\_ ON SCENE DATE: \_\_\_\_\_ TIME: \_\_\_\_\_  
 GEOGRAPHIC LOCATION: \_\_\_\_\_  
 TOWNSHIP: \_\_\_\_\_ RANGE: \_\_\_\_\_ SECTION: \_\_\_\_\_ ¼: \_\_\_\_\_  
 LATITUDE \_\_\_\_\_ LONGITUDE \_\_\_\_\_  
 JURISDICTION / OWNERSHIP: \_\_\_\_\_ EST. ACRES: \_\_\_\_\_  
**VALUES AT RISK:**  
 THREAT TO HUMAN LIFE: YES NO \_\_\_\_\_  
 THREAT TO PROPERTY: YES NO \_\_\_\_\_  
 THREAT TO NATURAL RESOURCES: YES NO \_\_\_\_\_  
**CAUSE:** 1) Lightning 2) Human 3) Unknown  
**SPREAD POTENTIAL:** 1) Low 2) Moderate 3) High 4) Extreme  
**CHARACTER OF FIRE:** 1) Smoldering 3) Running 5) Torching 7) Crown/Spotting  
 2) Creeping 4) Spotting 6) Crowning 8) Erratic  
**APPROX. FLAME LENGTH:** 1) 0-2' 2) 2-4' 3) 4-6' 4) 6-8' 5) 8-12' 6) >12'  
**SLOPE %:** 1) 0-25% 2) 26-40% 3) 41-55% 4) 56-75% 5) 76+%  
**TOPOGRAPHY:** 1) Ridgetop 3) Upper 1/3 5) Lower 1/3 7) Valley Bottom 9) Flat/Rolling  
 2) Saddle 4) Middle 6) Canyon Bottom 8) Mesa/Plateau  
**ASPECT:** 0) Flat 2) NE 4) SE 6) SW 8) NW  
 1) North 3) East 5) South 7) West 9) Ridgetop  
**FUEL TYPE:** 1) Grass 3) Oakbrush 5) Lodgepole/Ponderosa 7) Aspen 9) Other  
 2) Grass/Sage 4) Pinyon/Juniper 6) Spruce/Fur 8) Logging/Thinning Slash  
**ADJACENT FUEL:** \_\_\_\_\_  
**DESCRIBE OVERSTORY/COVER CLASS:** \_\_\_\_\_  
**WEATHER CONDITIONS:**  
 1) Clear 3) Building Cumulus 5) Lightning 7) Intermittent Showers  
 2) Scattered Clouds 4) Thunderstorms in Area 6) Overcast 8) Heavy Showers  
**WIND DIRECTON:** \_\_\_\_\_ **SPEED:** \_\_\_\_\_ (mph) **GUSTS:** \_\_\_\_\_ (mph)  
**ACTUAL ELEVATION:** \_\_\_\_\_ feet  
**CONTROL PROBLEMS:** \_\_\_\_\_  
**ADDITIONAL RESOURCES NEEDED:** \_\_\_\_\_  
 \_\_\_\_\_  
**EST. CONTAINMENT:** \_\_\_\_\_ **EST. CONTROL:** \_\_\_\_\_

### Medical Incident Report

**FOR A NON-EMERGENCY INCIDENT, WORK THROUGH CHAIN OF COMMAND TO REPORT AND TRANSPORT INJURED PERSONNEL AS NECESSARY.**

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

**Use the following items to communicate situation to communications/ dispatch.**

**1. CONTACT COMMUNICATIONS / DISPATCH** (Verify correct frequency prior to starting report) Ex: "Communications, Div. Alpha. Stand-by for Emergency Traffic."

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

<b>Severity of Emergency / Transport Priority</b>	<p><b>RED / PRIORITY 1 Life or limb threatening injury or illness. Evacuation need is IMMEDIATE</b>  <i>Ex: Unconscious, difficulty breathing, bleeding severely, 2o – 3o burns more than 4 palm sizes, heat stroke, disoriented.</i></p> <p><b>YELLOW / PRIORITY 2 Serious Injury or illness. Evacuation may be DELAYED if necessary.</b>  <i>Ex: Significant trauma, unable to walk, 2o – 3o burns not more than 1-3 palm sizes.</i></p> <p><b>GREEN / PRIORITY 3 Minor Injury or illness. Non-Emergency transport</b>  <i>Ex: Sprains, strains, minor heat-related illness.</i></p>
<b>Nature of Injury or Illness &amp; Mechanism of Injury</b>	<i>Brief Summary of Injury or Illness (Ex: Unconscious, Struck by Falling Tree)</i>
<b>Transport Request</b>	<i>Air Ambulance / Short Haul/ Hoist Ground Ambulance / Other</i>
<b>Patient Location</b>	<i>Descriptive Location &amp; Lat. / Long. (WGS84)</i>
<b>Incident Name</b>	<i>Geographic Name + "Medical" (Ex: Trout Meadow Medical)</i>
<b>On-Scene Incident Commander</b>	<i>Name of on-scene IC of Incident within an Incident (Ex: TFLD Jones)</i>
<b>Patient Care</b>	<i>Name of Care Provider (Ex: EMT Smith)</i>

**3. INITIAL PATIENT ASSESSMENT:** Complete this section for each patient as applicable (start with the most severe patient)

Patient Assessment: See IRPG page 106

Treatment:

**4. TRANSPORT PLAN:**

Evacuation Location (if different): (Descriptive Location (drop point, intersection, etc.) or Lat. / Long.)  
 Patient's ETA to Evacuation Location:

Helispot / Extraction Site Size and Hazards:



## MAP SKETCH



## AFTER ACTION REVIEW

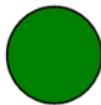
1. How did the dispatch procedure work? \_\_\_\_\_
2. Were additional resources ordered and received in a timely manner?  
\_\_\_\_\_
3. Was the briefing adequate?
  - a. L \_\_\_\_\_
  - b. C \_\_\_\_\_
  - c. E \_\_\_\_\_
  - d. S \_\_\_\_\_
  - e. Fire weather/forecast \_\_\_\_\_
  - f. Job Assignments \_\_\_\_\_
4. Were the original strategies and tactics reasonable? \_\_\_\_\_  
\_\_\_\_\_
5. What was planned? \_\_\_\_\_  
\_\_\_\_\_
6. What actually happened?  
\_\_\_\_\_  
\_\_\_\_\_
7. Why did it happen?  
\_\_\_\_\_  
\_\_\_\_\_
8. What can we do to improve?  
\_\_\_\_\_  
\_\_\_\_\_

### Estimating Fire Size

\* One Chain Equals 66 Feet \*



Any fire less than about 5 chains around is about one-tenth (0.1) of an acre



A fire that is the shape of a circle and is 12 chains around is about one acre (27 chains=about 5 acres)



A fire that is long and narrow with a somewhat irregular shape that is 18 chains around is about one acre (about 40 chains would be close to 5 acres)

GPS Acres: \_\_\_\_\_.

GPS By: \_\_\_\_\_.

### NOTES

## BRIEFING CHECKLIST

### Situation

- ◇ Fire name, location, map, orientation, other incidents in area
- ◇ Terrain influences
- ◇ Fuel type and conditions
- ◇ Fire weather (previous, current, expected)
- ◇ Winds, RH, Temperature, etc.
- ◇ Fire behavior (previous, current, expected)
- ◇ Time of day, alignment of slope, wind, etc.

### Mission/Execution

- ◇ Command
- ◇ Incident Commander/immediate supervisor
- ◇ Leader's intent
- ◇ Overall objectives/strategy
- ◇ Contingency plans

### Communications

- ◇ Communication plan
- ◇ Tactical, command, air-to-ground frequencies
- ◇ Cell phone numbers
- ◇ Medivac plan

### Service/Support

- ◇ Other resources
- ◇ Working adjacent and those available to order
- ◇ Aviation operations
- ◇ Logistics

- ◇ Transportation
  - ◇ Supplies and Equipment
- ### Risk Management
- ◇ Identify known hazards and risks
  - ◇ Identify control measures to mitigate hazards/reduce risk
  - ◇ Identify trigger points for reevaluating operations

### Questions or concerns?

## Wildland Fire Risk and Complexity Assessment

The Wildland Fire Risk and Complexity Analysis should be used to evaluate safety issues, assess risk, and identify the appropriate incident management organization. Determining incident complexity is a subjective process based on examining a combination of indicators or factors. An incident's complexity can change over time; incident managers should periodically reevaluate complexity to ensure that the incident is managed with the right resources.

**INSTRUCTIONS:** Incident Commanders should complete Part A, reference complexity indicators in the IRPG, and relay this information to the DO & Agency Administrator. If the fire exceeds initial attack or will be managed to accomplish resource management objectives, Incident Commanders should also complete Parts

### Part A: Firefighter Safety Assessment

Evaluate the following items, mitigate as necessary, and note any concerns, mitigations, or other information.

Evaluate these items	Concerns, mitigations, notes
LCES	
Fire Orders and Watch Out Situations	
Multiple operational periods have occurred without achieving initial objectives	
Incident personnel are overextended mentally and/or physically and are affected by cumulative fatigue.	
Communication is ineffective with tactical resources and/or dispatch.	
Operations are at the limit of span of control.	
Aviation operations are complex and/or aviation oversight is lacking.	
Logistical support for the incident is inadequate or difficult.	

## Part B: Relative Risk Assessment

Values				Notes/Mitigation			
<b><u>B1. Infrastructure/Natural/Cultural Concerns</u></b> Based on the number and kinds of values to be protected, and the difficulty to protect them, rank this element low, moderate, or high. Considerations: key resources potentially affected by the fire such as urban interface, structures, critical municipal watershed, commercial timber, developments, recreational facilities, power/ pipelines, communication sites, highways, potential for evacuation, unique natural resources, special-designation areas, T&E species habitat, cultural sites, and wilderness.				L	M	H	
<b><u>B2. Proximity and Threat of Fire to Values</u></b> Evaluate the potential threat to values based on their proximity to the fire, and rank this element low, moderate, or high.				L	M	H	
<b><u>B3. Social/Economic Concerns</u></b> Evaluate the potential impacts of the fire to social and/or economic concerns, and rank this element low, moderate, or high. Considerations: impacts to social or economic concerns of an individual, business, community or other stakeholder; other fire management jurisdictions; tribal subsistence or gathering of natural resources; air quality regulatory requirements; public tolerance of smoke; and restrictions and/or closures in effect or being considered.				L	M	H	
Hazards				Notes/Mitigation			
<b><u>B4. Fuel Conditions</u></b> Consider fuel conditions ahead of the fire and rank this element low, moderate, or high. Evaluate fuel conditions that exhibit high ROS and intensity for your area, such as those caused by invasive species or insect/disease outbreaks; continuity of fuels; low fuel moisture				L	M	H	
<b><u>B5. Fire Behavior</u></b> Evaluate the current fire behavior and rank this element low, moderate, or high. Considerations: intensity; rates of spread; crowning; profuse or long-range spotting.				L	M	H	
<b><u>B6. Potential Fire Growth</u></b> Evaluate the potential fire growth, and rank this element low, moderate, or high. Considerations: Potential exists for extreme fire behavior (fuel moisture, continuity, winds, etc.); weather forecast indicating no significant relief or worsening conditions; resistance to control.				L	M	H	
Probability				Notes/Mitigation			
<b><u>B7. Time of Season</u></b> Evaluate the potential for a long-duration fire and rank this element low, moderate, or high. Considerations: time remaining until a season ending event.				L	M	H	
<b><u>B8. Barriers to Fire Spread</u></b> If many natural and/or human-made barriers are present and limiting fire spread, rank this element low. If some barriers are present and limiting fire spread, rank this element moderate. If no barriers are present, rank this element high.				L	M	H	
<b><u>B9. Seasonal Severity</u></b> Evaluate fire danger indices and rank this element low/moderate, high, or very high/extreme. Considerations: energy release component (ERC); drought status; live and dead fuel moistures; fire danger indices; adjective fire danger rating; preparedness level.				L/ M	H	VH/ E	
Enter the number of items circled for each column.							

### Relative Risk Rating (circle one):

<b>Low</b>	Majority of items are "Low", with a few items rated as "Moderate" and/or "High".
<b>Moderate</b>	Majority of items are "Moderate", with a few items rated as "Low" and/or "High".
<b>High</b>	Majority of items are "High"; A few items may be rated as "Low" or "Moderate".

Burn Period	Sky Cover	Temperature	Humidity	Wind			Indices
				20- Foot	Ridge Top		
Today	Clear	High:	Max:	Upslope	Upslope	Transport	Haines:
	Mostly sunny			Downslope	Downslope	D:	LAL:
	Partly Cloudy			Direction	Direction	V:	CWR:
	Mostly Cloudy	Low:	Min:			Mixing Hght	Smoke Dispers
	Cloudy			Velocity	Velocity	AGL:	
	Variable Clouds						BI:
						Time:	ERC:
Tonight	Clear	High:	Max:	Upslope	Upslope	Transport	Haines:
	Mostly sunny			Downslope	Downslope	D:	LAL:
	Partly Cloudy			Direction	Direction	V:	CWR:
	Mostly Cloudy	Low:	Min:			Mixing Hght	Smoke Dispers
	Cloudy			Velocity	Velocity	AGL:	
	Variable Clouds						BI:
						Time:	ERC:
Tommorrow	Clear	High:	Max:	Upslope	Upslope	Transport	Haines:
	Mostly sunny			Downslope	Downslope	D:	LAL:
	Partly Cloudy			Direction	Direction	V:	CWR:
	Mostly Cloudy	Low:	Min:			Mixing Hght	Smoke Dispers
	Cloudy			Velocity	Velocity	AGL:	
	Variable Clouds						BI:
						Time:	ERC:

Spot Weather Observation and Forecast Request									
1. Name of Incident or Project			2. Control Agency			3. Request Made			
						Time:		Date:	
4. Location (Designate Township, Range, and Section (include ¼ section):				5. Drainage Name		6. Exposure/Aspect:			
7. Size of Incident or Project (acres):			8. Elevation			9. Sheltering ( ) Full ( ) Partial ( ) Unsheltered			
			Top	Bottom					
10. Weather Conditions at Incident or Project or from RAWS:									
Place	Elevation	Observation Time	Wind Direction/ Velocity		Temperature		No entry necessary. To be completed by the Fire Weather Forecaster.		Remarks (Indicate precipitation, cloud type and % cover, wind and frontal conditions, etc.)
			20-Foot:	Eye Level:	Dry Bulb:	Wet Bulb:	Rh	Dp	
Discussion and Outlook							Date/Time		

Circle the Relative Risk Rating from Part B	L	M	H	Notes/Mitigation	
Implementation difficulty					
<b>C1. Potential Fire Duration</b> Evaluate the estimated length of time that the fire may continue to burn if no action is taken and amount of season remaining. Rank this element low, moderate or high. Note: This will vary by geographic area.	N/A	L	M	H	
<b>C2. Incident Strategies (Course of Action)</b> Evaluate the level of firefighter and aviation exposure required to successfully meet the current strategy and implement the course of action. Rank this element low, moderate or high. Considerations: Availability of resources; likelihood that those resources will be effective; exposure of firefighter; reliance on aircraft to accomplish objectives; trigger points clear and defined.	N/A	L	M	H	
<b>C3. Functional Concerns</b> Evaluate the need to increase organizational structure to adequately and safely manage the incident, and rank this element low (adequate), moderate (some additional support needed), or high (current capability inadequate). Considerations: Incident management functions (logistics, finance, operations, information, planning, safety, and/or specialized personnel/equipment) are inadequate and needed; access to EMS support, heavy commitment of local resources to logistical support; ability of local businesses to sustain logistical support; substantial air operation which is not properly staffed; worked multiple operational periods without achieving initial objectives; incident personnel overextended mentally and/or physically; Incident Action Plans, briefings, etc. missing or poorly prepared; performance of firefighting resources affected by cumulative fatigue; and ineffective communications.	N/A	L	M	H	
Socio/Political Concerns					
<b>C4. Objective Concerns</b> Evaluate the complexity of the incident objectives and rank this element low, moderate, or high. Considerations: Clarity, ability of current organizations to accomplish; disagreement among cooperators; tactical/operational restrictions; complex objectives involving multiple focuses; objectives influenced by a serious accident or fatalities.	N/A	L	M	H	
<b>C5. External Influences</b> Evaluate the effect external influences will have on how the fire is managed and rank this element low, moderate, or high. Considerations: limited local resources available for initial attack; increasing media involvement (social, print, television interest); controversial fire policy; threat to safety of visitors from fire and related operations; restrictions and/or closures in effect or being considered; pre-existing controversies/relationships; smoke management problems; sensitive political concerns/interests.	N/A	L	M	H	
<b>C6. Ownership Concerns</b> Evaluate the effect ownership/jurisdiction will have on how the fire is managed and rank this element low, moderate, or high. Considerations: Disagreements over policy, responsibility, and/or management response; fire burning or threatening more than one jurisdiction; potential for unified command; different or conflicting objectives; potential for claims (damages); disputes over suppression responsibility.	N/A	L	M	H	

**Recommended Organization (circle one):**

<b>Type 5</b>	Majority of items rated as "N/A"; a few items may be rated in other categories.
<b>Type 4</b>	Majority of items rated as "Low", with some items rated as "N/A", and a few rated as "Moderate" or "High".
<b>Type 3</b>	Majority of items rated as "Moderate", with a few items rated in other categories.
<b>Type 2</b>	Majority of items rated as "Moderate", with a few items rated as "High".
<b>Type 1</b>	Majority of items rated as "High"; a few other items may be rated in other categories.

**Rationale:**  
Use this section to document the incident management organization for the fire. If the incident management organization is different than the Wildland Fire Risk and Complexity Assessment recommends, document why an alternative organization was selected. Use the "Notes/Mitigation" column to address mitigation actions for a specific element, and include these mitigations in the rationale.

Name of Incident: \_\_\_\_\_ Unit(s): \_\_\_\_\_  
Date/Time: \_\_\_\_\_ Signature of Preparer: \_\_\_\_\_

