

| <b>Risk Management Process (IRPG Page 1)</b>                |   |
|---|---|
| <b>Step 1 Situation Awareness</b>                           |   |
| Gather Information  |   |
| <input type="checkbox"/> Objectives                         | <input type="checkbox"/> Previous Fire Behavior |
| <input type="checkbox"/> Communication                      | <input type="checkbox"/> Weather Forecast       |
| <input type="checkbox"/> Who's in charge?                   | <input type="checkbox"/> Local Factors          |
| Scout the Fire  |   |
| <b>Step 2 Hazard Assessment</b>                             |   |
| Estimate Potential Fire Behavior Hazards                    |   |
| <input type="checkbox"/> Look Up/Down/Around Indicators     |   |
| Identify Tactical Hazards                                   |   |
| <input type="checkbox"/> Watch Outs                         |   |
| What other safety hazards exist?                            |   |
| Consider Severity vs. probability                           |   |
| <b>Step 3 Hazard Control</b>                                |   |
| Fire Orders->LCES Checklist- <b>MANDATORY</b>               |   |
| <input type="checkbox"/> Anchor Point                       |   |
| <input type="checkbox"/> Downhill Checklist (if applicable) |   |
| What other controls are necessary?                          |   |
| <b>Step 4 Decision Point</b>                                |   |
| Are controls in place for identified hazards?               |   |
| <b>NO-</b> Reassess situation                               | <b>YES-</b> Next Question                       |
| Are selected tactics based on expected fire behavior?       |   |
| <b>NO-</b> Reassess situation                               | <b>YES-</b> Next Question                       |
| Have instructions been given and understood?                |   |
| <b>NO-</b> Reassess situation                               | <b>YES-</b> Initiate Action                     |
| <b>Step 5 Evaluate</b>                                      |   |
| Personnel   | Low experience level with local factors?        |
|   | Distracted from primary task?                   |
|   | Fatigue or stress reaction?                     |
|   | Hazardous attitude?                             |
| The Situation:  | What is changing?                               |
|   | Are strategy and tactics working?               |

## Entrapment Avoidance

### Checklist

This checklist should be modified for local fuel and fire conditions. The items shown are indicators of deteriorating conditions. They are not replacements for the Fire Orders, Situations that Shout Watch-out and complexity analysis.

- Mitigation of Fire Orders and / or Situations that Shout Watch-out is required.
- Fire Exceeds 100 acres or is difficult to observe fire behavior.
- Environmental conditions are above the 90<sup>th</sup> percentiles.
- Escape Route is the fire line.
- Suppression actions are becoming less effective.
- Assignment has been turned down by other resources
- Reinforcements have been ordered.
- Current line is not anchored.
- There is not an alternate escape route.

Should any of these indicators of increased potential for entrapment be present, reevaluation of the situation is warranted. Disengagement and review of the Fire Orders and Situations that Shout Watch-out would be expected.

Should you or your crew become entrapped, your escape route(s) become compromised, preparation for deployment should begin immediately. Review of proper deployment techniques, check of personal protection equipment, and improvement of the deployment site are all actions that should be initiated. These actions should begin even if you are in a "safety zone."

## TYPE 5, 4 and 3 WILDLAND FIRE INCIDENT CRITIQUE

|                       |   |
|-----------------------|---|
| <b>Incident Name:</b> | <b>Date Objectives Met:</b>             |
| <b>IC:</b>            | <b>Incident Type: 5 [ ] 4 [ ] 3 [ ]</b> |

**DIRECTIONS:** This critique will be conducted by the unit FMO or AFMO. Include the IC, fireline supervisors, and other personnel involved in the incident as appropriate. Discuss each item below as it pertains to this incident and check “yes” or “no”. If “no” is indicated for any answer, give details in the remarks section on the back of this page. This critique will be kept as part of the official incident record.

| <b>A. MOBILIZATION AND ORGANIZATION</b>  | <b>YES</b> | <b>NO</b> |
|--|------------|-----------|
| 1. Was <i>dispatch information</i> provided to responding resources clear and thorough?  | [ ]        | [ ]       |
| 2. Was the <i>IC</i> identified to all incident personnel and <i>FIDC</i> ?  | [ ]        | [ ]       |
| 3. Was the <i>organization structure</i> appropriate for the incident?   | [ ]        | [ ]       |
| 4. Was the <i>chain of command</i> established with adequate fire line supervision, communicated, and followed?                                      | [ ]        | [ ]       |
| 5. Were <i>personnel</i> qualified for their positions?  | [ ]        | [ ]       |
| 6. Was the <i>incident complexity</i> evaluated and found to be within the capabilities of <i>IC</i> and other fire line supervisors?                | [ ]        | [ ]       |
| 7. Were <i>local government</i> or other <i>non-agency resources</i> integrated into the incident organization; was unified command needed and used? | [ ]        | [ ]       |

| <b>B. SAFETY</b>  | <b>YES</b> | <b>NO</b> |
|---|------------|-----------|
| 1. Was <i>LCES</i> in place and followed throughout the incident?   | [ ]        | [ ]       |
| 2. Were the <i>10 Standard Fire Orders</i> observed and followed completely?  | [ ]        | [ ]       |
| 3. Were the <i>18 Watch Out Situations</i> evaluated and mitigated?   | [ ]        | [ ]       |
| 4. Was <i>PPE</i> available and used correctly by all personnel?  | [ ]        | [ ]       |
| 5. Was personnel <i>fatigue</i> a factor in how this incident was managed or in the organization’s ability to meet the objectives set for it? | [ ]        | [ ]       |
| 6. Were <i>hazard trees</i> identified and mitigated?   | [ ]        | [ ]       |
| 7. Were <i>equipment and tools</i> used properly?   | [ ]        | [ ]       |
| 8. Did the <i>IC</i> manage the fire in accordance to work rest guidelines?   | [ ]        | [ ]       |
| 9. Did the <i>IC monitor and document</i> the safety elements of this incident listed above?  | [ ]        | [ ]       |

| <b>C. COMMUNICATIONS</b>  | <b>YES</b>        | <b>NO</b>         |
|---|-------------------|-------------------|
| 1. Were personnel given a thorough <i>briefing</i> when they arrived at the incident, and were <i>fireline orders</i> clear and understood by everyone? | [ ]               | [ ]               |
| 2. Were radio <i>communications with incident resources</i> adequate?   | [ ]<br>[ ]<br>[ ] | [ ]<br>[ ]<br>[ ] |
| 3. Was a separate <i>incident frequency</i> needed and established?   | [ ]               | [ ]               |
| 4. Was <i>communications with FIDC</i> established?   | [ ]               | [ ]               |
| 5. Were <i>communications with cooperators</i> effective?   | [ ]               | [ ]               |
| 6. Were <i>communications with aircraft</i> established and effective?  | [ ]               | [ ]               |

| <b>D. SUPPRESSION</b>  | <b>YES</b> | <b>NO</b> |
|--|------------|-----------|
| 1. Was an initial <i>incident size-up</i> provided and was it adequate conveying a clear understanding of the initial situation? | [ ]        | [ ]       |
| 2. Were the IC and all incident personnel aware of current and predicted <i>weather and fire danger indices</i> ?                | [ ]        | [ ]       |
| 3. Did the <i>strategy and tactics</i> used appropriately reflect the current and expected fire weather and fire behavior?       | [ ]        | [ ]       |
| 4. Did the tactics used match the <i>experience and capabilities</i> of incident personnel and resources?                        | [ ]        | [ ]       |
| 5. Was there efficient and safe use of <i>air support</i> on the incident?   | [ ]        | [ ]       |

| <b>E. REMARKS - provide detail if any question on the 1<sup>st</sup> page was answered with "no":</b> |
|---|
|   |

| <b>F. RECOMMENDATIONS:</b> |
|----------------------------|
|                            |

|                     |              |
|---------------------|--------------|
| <b>Prepared by:</b> | <b>Date:</b> |
|                     |              |

|                         |                                     |
|-------------------------|-------------------------------------|
| <b>Reviewed by FMO:</b> | <b>Reviewed by District Ranger:</b> |
|-------------------------|-------------------------------------|

USDA - Forest Service

## CARIBOU AND TARGHEE WILDLAND FIRE REPORT

|                         |  |  |             |                                       |         |             |                   |
|-------------------------|--|--|-------------|---------------------------------------|---------|-------------|-------------------|
| 1. Fire Name            |  |  |             | 2. Local Fire Number (Local use only) |         |             |                   |
| 3. Location by landmark |  |  | 4. Township | Range                                 | Section | Sub-section | Principal Meridia |

**IDENTIFICATION**

|           |           |             |                   |                                |                         |                     |                      |                 |
|-----------|-----------|-------------|-------------------|--------------------------------|-------------------------|---------------------|----------------------|-----------------|
| 5. Region | 6. Forest | 7. District | 8. SO Fire Number | 9. Protecting Agency at Origin | 10. Ownership at Origin | 11. State at Origin | 12. County at Origin | 13. Fire Mgmt Z |
|-----------|-----------|-------------|-------------------|--------------------------------|-------------------------|---------------------|----------------------|-----------------|

**OCCURRENCE**

|   |   |   |                      |     |   |      |                       |  |      |      |   |  |  |
|---|---|---|----------------------|-----|---|------|-----------------------|--|------|------|---|--|--|
| 14. Point of Origin   |   |   | 15. Time of Ignition |     |   |      | 16. Time of Discovery |  |      |      |   |  |  |
| Latitude  | Longitude   |   | Mo.                  | Day | Year  | HHMM | Mo.                   | Day  | Year | HHMM |   |  |  |
| 17. Detection Method  | 18. Statistical Cause   | 19. General Cause   |                      |     | 20. Specific Cause  |      |                       | 21. Class of People  |      |      |   |  |  |
| 1-Forest Service Lookout<br>2-Other Lookout<br>3-Forest Service Patrol<br>4-Other Forest Serv. Employee<br>5-Planned Cooperator<br>6-FS Permittee<br>7-FS Aircraft Observer<br>8-Other Aircraft | 1-lightning<br>2-equipment use<br>3-smoking<br>4-campfire<br>5-debris burning<br>6-railroad<br>7-arson<br>8-children<br>9-miscellaneous | 1-Timber harvest<br>2-Harvest other products<br>3-forest/range activities<br>4-highway<br>5-Power,Reclamation<br>6-Hunting<br>7-Fishing<br>8-Other recreation<br>9-Resident |                      |     | 1-Lightning<br>2-Aircraft<br>3-Burning Vehicle<br>4-Exhaust-powersaw<br>5-Exhaust-other<br>6-Logging line<br>7-Brakeshoe<br>8-Cooking Fire<br>9-Warming fire<br>10-Smoking<br>11-Trash Burning<br>12-Burning Dump |      |                       | 16-right of way burning<br>17-Res Mgmt burn<br>18-Grudge Fire<br>19-Pyromania<br>20-Smoke out bees or game<br>21-Insect/snake cntrl<br>22-Job fire<br>23-blasting<br>24-burning building<br>25-Powerline<br>26-Fireworks |      |      | 1-Owner<br>2-Permittee<br>3-Contractor<br>4-Public Employee<br>5-Local Permanent<br>6-Seasonal<br>7-Transient<br>8-Other<br>9-Visitor |  |  |



E7 -Engine Type 7 w/crew  
 E9 -Patrol

P4 -Rappeller (delivered via helicopter)  
 M1 -Misc, not listed above

After listing the forces used, type F for Forest Service or C for Cooperator, and then enter the quantity.

Only list resources that actually took Suppression Action, i.e don't list helicopters unless they dropped water on the fire.

| <b>Action</b>   | <b>Documentation Required</b> |
|---|-------------------------------|
| Develop and distribute Fire Danger Pocket Cards to each fireline supervisor on Type 3 – 5 wildland fires.   | No                            |
| Make safety of firefighters and the public the highest priority. When a potentially life-threatening situation exists, supersede natural and cultural resource considerations if necessary to provide for safety. | No                            |
| Annually convey to Type 3 – 5 Incident Commanders your expectations and their responsibilities and authorities.   | No                            |
| Provide fireline qualified individuals training on entrapment recognition and deployment protocols.   | Yes                           |
| Ensure employees are mobilized in wildland fire positions for which they are qualified.   | No                            |
| Formally assign an Incident Commander to all wildland fires.  | Yes                           |
| Ensure supplemental inspections for safety & health hazards are conducted and documented in incident records on a minimum of 10% of the Unit's Type 3 – 5 wildland fires.   | Yes                           |
| Ensure Incident Commanders on Type 1 – 3 wildland fires have no collateral duties (except duties for unfilled C&G positions).   | No                            |
| Ensure fatigue is identified and appropriately managed.   | No                            |
| Accomplish after action reviews on Type 3 wildland fires and for selected Type 4 – 5 wildland fires.  | Yes                           |
| <b>Monitor Incident Commander performance relative to the following actions:</b>  |                               |

|   |     |
|---|-----|
|   |     |
| Make safety of firefighters and the public the highest priority. When a potentially life-threatening situation exists, supersede natural and cultural resource considerations if necessary to provide for safety. | No  |
| Prepare a complexity analysis on each wildland fire at the time of initial attack as part of the size up.   | Yes |
| Ensure all firefighting actions are in full compliance with the Ten Standard Fire Orders and mitigation of the applicable Watch Out Situations has been accomplished.   | No  |
| Ensure arriving ground fireline resources on Type 3 – 5 wildland fires have positive and documented contact with appropriate incident management personnel and receive a briefing.                                | Yes |
| Provide fireline qualified individuals training on entrapment recognition and deployment protocols when such training has not been provided by the home/host Units.   | Yes |
| Manage fatigue of personnel and ensure compliance with work/rest and length of assignment guidelines.   | Yes |
| Personally conduct inspections for safety and health hazards, including compliance with the Ten Standard Fire Orders and mitigation of applicable Watch Out Situations.   | Yes |
| Assign personnel to fireline positions for which they are qualified, as certified by their employing agency. Assign trainees per FSH 5109.17.   | No  |
| Include compliance with the Ten Standard Fire Orders and mitigation of applicable Watch Out Situations in after-action reports.   | Yes |
| Monitor effectiveness of planned strategy and tactics. Immediately delay, modify, or abandon firefighting action on any part of a wildland fire where strategies and tactics cannot be safely implemented.        | No  |
| Ensure that performance ratings are completed on Type 3 – 5 wildland fires for all ground resources assigned from outside the local area.   | Yes |
| On Type 1 – 3 wildland fires, accept no collateral duties except for unfilled command and general staff positions.  | No  |

## Complexity Analysis

This is a minimum complexity analysis. Any locally developed analysis will address these items as a minimum.

The complexity analysis should be reviewed periodically to determine the level of management required.

## **Safety**

|   | YES   | NO    |
|---|-------|-------|
| Exposure of personnel to unusually hazardous conditions             | _____ | _____ |
| Accidents have occurred   | _____ | _____ |
| Multiple aircraft are involved or anticipated                       | _____ | _____ |
| Potential for public evacuations                                    | _____ | _____ |
| Terrain adversely affects tactical capability / limits safety zones | _____ | _____ |
| Fire fighter performance affected by cumulative fatigue             | _____ | _____ |

## **External / Political Factors**

|   |       |       |
|---|-------|-------|
| Potential for numerous damage claims      | _____ | _____ |
| More than one jurisdiction involved       | _____ | _____ |
| Fire policy is controversial              | _____ | _____ |
| Sensitive public/media relationships      | _____ | _____ |
| Lack of cohesive organizational structure | _____ | _____ |

## **Resource Issues**

|                           |       |       |
|---------------------------|-------|-------|
| Structures                | _____ | _____ |
| Cultural values           | _____ | _____ |
| Recreational developments | _____ | _____ |
| Urban interface           | _____ | _____ |
| Critical watershed        | _____ | _____ |
| T & E Species             | _____ | _____ |

## **Fire Behavior**

|   |       |       |
|---|-------|-------|
| Current or predicted fire behavior dictates indirect strategy | _____ | _____ |
| Fuels are extremely dry (90 th percentile)                    | _____ | _____ |
| Red Flag Warnings present or predicted                        | _____ | _____ |
| Extreme fire behavior exhibited                               | _____ | _____ |
| Current or predicted winds above 20 MPH                       | _____ | _____ |
| Severe fire weather predicted for next two burning periods    | _____ | _____ |

## **Personnel / Equipment**

|   |       |       |
|---|-------|-------|
| 100 or more personnel assigned to incident                      | _____ | _____ |
| Variety of special support personnel or equipment               | _____ | _____ |
| Resources unfamiliar with local conditions and accepted tactics | _____ | _____ |
| Heavy commitment of local resources to logistical support       | _____ | _____ |
| Local Initial forces nearly depleted                            | _____ | _____ |
| Two operational periods worked with limited success             | _____ | _____ |
| Communication challenges are present                            | _____ | _____ |

**Total number of elements checked:**

\_\_\_\_\_

**Complexity Analysis Rating:**

1-3 Current management sufficient. Type 3 organization should be considered.

4-6 Complexity level suggests a Type 3 team.

7-10 Complexity level suggests a Type 2 or higher team. Additional analysis is warranted. WFAS may be required.

Prepared by: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_  
 Reviewed by: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_  
 Reviewed by: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Remarks / Decision Rationale.

| <b>Action</b>   | <b>Documentation Required</b> |
|---|-------------------------------|
| Make safety of firefighters and the public the highest priority. When a potentially life-threatening situation exists, supersede natural and cultural resource considerations if necessary to provide for safety. | No                            |
| Prepare a complexity analysis on each wildland fire at the time of initial attack as part of the size up.   | Yes                           |
| Ensure all firefighting actions are in full compliance with the Ten Standard Fire Orders and mitigation of the applicable Watch Out Situations has been accomplished.   | No                            |
| Ensure arriving ground fireline resources on Type 3 – 5 wildland fires have positive and documented contact with appropriate incident management personnel and receive a briefing.                                | Yes                           |
| Provide fireline qualified individuals training on entrapment recognition and deployment protocols when such training has not been provided by the home/host Units.   | Yes                           |
| Manage fatigue of personnel and ensure compliance with work/rest and length of assignment guidelines.   | Yes                           |
| Personally conduct inspections for safety and health hazards, including compliance with the Ten Standard Fire Orders and mitigation of applicable Watch Out Situations.   | Yes                           |
| Assign personnel to fireline positions for which they are qualified, as certified by their employing agency. Assign trainees per FSH 5109.17.   | No                            |
| Include compliance with the Ten Standard Fire Orders and mitigation of applicable Watch Out Situations in after-action reports.   | Yes                           |

|  |     |
|--|-----|
| Monitor effectiveness of planned strategy and tactics. Immediately delay, modify, or abandon firefighting action on any part of a wildland fire where strategies and tactics cannot be safely implemented. | No  |
| Ensure that performance ratings are completed on Type 3 – 5 wildland fires for all ground resources assigned from outside the local area.  | Yes |
| On Type 1 – 3 wildland fires, accept no collateral duties except for unfilled command and general staff positions.   | No  |