

Risk Management Process (IRPG Page 1)	
Step 1 Situation Awareness	
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	
Step 2 Hazard Assessment	
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	
Step 3 Hazard Control	
Fire Orders->LCES Checklist- MANDATORY	
<input type="checkbox"/> Anchor Point	
<input type="checkbox"/> Downhill Checklist (if applicable)	
What other controls are necessary?	
Step 4 Decision Point	
Are controls in place for identified hazards?	
NO- Reassess situation	YES- Next Question
Are selected tactics based on expected fire behavior?	
NO- Reassess situation	YES- Next Question
Have instructions been given and understood?	
NO- Reassess situation	YES- Initiate Action
Step 5 Evaluate	
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 90th 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

Incident Name:	Date Objectives Met:
IC:	Incident Type: 5 [] 4 [] 3 []

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.

A. MOBILIZATION AND ORGANIZATION	YES	NO
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 FIDC?	[]	[]
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 IC 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. SAFETY	YES	NO
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 IC manage the fire in accordance to work rest guidelines?	[]	[]
9. Did the IC <i>monitor and document</i> the safety elements of this incident listed above?	[]	[]

C. COMMUNICATIONS	YES	NO
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?	[] [] []	[] [] []
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?	[]	[]

D. SUPPRESSION	YES	NO
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?	[]	[]

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E. REMARKS - provide detail if any question on the 1st page was answered with "no":

F. RECOMMENDATIONS:

Prepared by:	Date:

Reviewed by FMO:	Reviewed by District Ranger:
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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
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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 2-Other Lookout 3-Forest Service Patrol 4-Other Forest Serv. Employee 5-Planned Cooperator 6-FS Permittee 7-FS Aircraft Observer 8-Other Aircraft		1-lightning 2-equipment use 3-smoking 4-campfire 5-debris burning 6-railroad 7-arson 8-children 9-miscellaneous		1-Timber harvest 2-Harvest other products 3-forest/range activities 4-highway 5-Power,Reclamation 6-Hunting 7-Fishing 8-Other recreation 9-Resident		1-Lightning 2-Aircraft 3-Burning Vehicle 4-Exhaust-powersaw 5-Exhaust-other 6-Logging line 7-Brakeshoe 8-Cooking Fire 9-Warming fire 10-Smoking 11-Trash Burning 12-Burning Dump		16-right of way burning 17-Res Mgmt burn 18-Grudge Fire 19-Pyromania 20-Smoke out bees or game 21-Insect/snake cntrl 22-Job fire 23-blasting 24-burning building 25-Powerline 26-Fireworks		1-Owner 2-Permittee 3-Contractor 4-Public Employee 5-Local Permanent 6-Seasonal 7-Transient 8-Other 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.

Action	Documentation Required
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
Monitor Incident Commander performance relative to the following actions:	

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.

Action	Documentation Required
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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