

Incident Risk Assessment Worksheet					1. Incident Name/Number Grizzly Bear Complex					2. Location Elgin, Or				
Identification of Hazards and Risk Assessment					3. Name and Title of Analyst Ray Hershey					4. Date Sunday, August 23, 2015				
5. Pre-Control					6. Control or Abatement Action (Engineering, Administrative, PPE, Avoidance, Education, etc)					7. Post-Control				
8. Location	9. Hazard	10. Hazard Probability	11. Severity Code	12. RAC	Actions (double-click in cell then click alt + enter to add a line)					13. Hazard Probability	14. Severity Code	15. RAC	16. Acceptable (Yes/No)	
ALL	Air Operations/ Line Support	Frequently A	Catastrophic I	Critical	~Follow "Aviation Watch Out Situations" pg 44, IRPG ~Ensure positive communications with all air resources ~Stay clear of all retardent and bucket drops ~Allow 2 minutes prior to re-entry into drop zone ~All divisions monitor Air to Ground communications ~Don't plan on air resources for medical transport or resupply ~Air attack is not to take place of a lookout					Likely B	Catastrophic I	Critical	Yes	
All	Driving & Traffic	Frequently A	Catastrophic I	Critical	~Traffic Warning Signs (fire traffic, ICP, etc.) placed at key intersections and areas of heavy traffic. ~USE TAC 9 to alert oncoming traffic on single lane, and narrow roads with limited turnouts. ~Add signage on narrow roads indicating turnouts. ~Practice "Defensive Driving" techniques traveling on all roads and city streets. ~Restrict public access where appropriate. ~ Use spotters when backing. ~ Honk horn to alert personnel when backing. ~ Keep clutter off dash and inside cab. ~ Follow Driving LCES (Lights, Chock blocks, Emergency brake, Seat belts.) ~ Always use headlights. ~ Yield to pedestrians and bicycles. ~ Observe posted speed limits. ~ Use the 3 second rule for following distance when driving. ~ Use chock blocks, turn wheels into hill. ~ Avoid distractions (eating, cell phones, radio). ~ Ensure that windshields are kept clean of dust and bugs.					Likely B	Critical II	Serious	Yes	
ALL	Communications	Frequently A	Catastrophic I	Critical	~ Maintain communication with aviation resources, and suppression organization. ~ Ensure all known frequencies and protocol for contacting adjacent resources and ICP communications ~ Utilize the ICS 205. ~ Utilize human repeaters when working in dead spots. Find the appropriate repeater channel that works best for your area					Likely B	Critical II	Serious	Yes	
ALL	Heat Related Illness (HRI)& Dehydration	Frequently A	Catastrophic I	Critical	~ Drink Fluids throughout operational period (6-8 qts/shift). ~ Maintain water/electrolyte ratio of 3 to 1. ~ Carry extra water on line and cache water at drop points. ~Take Frequent breaks, minimum of 10 minutes every hour. ~Allow out of area resources time to acclimatize before expecting peak performance. ~ Recognize symptoms of HEAT RELATED ILLNESS which include. o Lack of energy o Headaches, dizziness o Lack of rest o No hunger, poor eating habits o Hot skin, and lack of sweating					Likely B	Critical II	Serious	Yes	
ALL	Fatigue & Over Exertion	Frequently A	Critical II	Critical	~ Drink 1 quart of water each hour during and after work. ~ Rotate crews out of smoky areas. ~ Set a reasonable work pace and allow adequate rest breaks while on the project. ~ Stagger work crews start time to limit fatigue. ~ Use buddy system to monitor personnel of heat related and fatigue issues. ~ Follow work / rest guidelines.					Likely B	Critical II	Serious	Yes	
ALL	Heavy Equipment Operations	Likely B	Critical II	Serious	~ Ensure communications are established with operators. ~ Use hand signals if other communications are unavailable. ~ Maintain a 50'-100' exclusion area around equipment and increase it to 1 1/2 times tree height when in timber. For Masticator operation, maintain a minimum 300 feet safety buffer. ~ Use a spotter when backing. ~ Avoid working below heavy equipment.					Occasional C	Critical II	Moderate	Yes	
ALL	Extreme Fire Behavior	Frequently A	Critical II	Critical	~Share weather observations with all personnel assigned to division. IMET and/or FBAN will notify line operations through communications all divisions of any approaching weather fronts or thunderstoms. Communications will require a roll call of all divisions to ensure receipt of warning. Standard Firefighting Order 1 and Thunderstorm Safety, IRPG, page 21 ~ Establish "Management Action Points" to re-evaluate to determine to stay engage or disengage.. ~ Use "Risk Management" process prior to engaging in suppression actions, refer to page 1, IRPG.					Likely B	Significant III	Moderate	Yes	
ALL	Structure Protection & HAZMAT	Frequently A	Critical II	Critical	~ Review "Wildland Urban Interface" Watch outs, IRPG page 12. ~ Use "Structure Assessment" checklist, IRPG pages 12-16. ~ Follow "HAZMAT Incident Operations" on pages 34-36 in IRPG.					Likely B	Significant III	Moderate	Yes	
ALL	Spike Camp	Likely B	Significant III	Moderate	~ Keep a clean camp. Maintain proper hygiene and work/rest ratio ~ Ensure communications are in place. ~ Review and observe "Line Spike" considerations (IRPG pg. 98).					Occasional C	Significant III	Minor	Yes	