



Incident Risk Assessment Worksheet					1. Incident Name/Number Monument CA-SRF-001187		2. Location Shasta/Trinity, Six Rivers NFs, Big Bar Ca				
Identification of Hazards and Risk Assessment					3. Name and Title of Analyst Dave Stone SOF1, Tony Rivers SOF1, Tommy Hawkins SOF1, Thad Herzberger SOF2(t)		4. Date Tuesday 09/28/2021				
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)	Export (Yes/No)
ALL	Driving & Traffic	Frequently A	Catastrophic I	Critical	Practice "Defensive Driving" techniques traveling on all roads. Use the 3 second rule for following distance when driving. Avoid distractions - pull over and stop when needing to respond to radio or telephone and texting traffic. Be alert for cattle, wildlife, rocks and forest debris on the roads and highways, especially following precipitation events. Apply extra precaution while traveling Denny Road (Div I & K) due to numerous blind corners, narrow roadway and local public traffic.		Likely B	Critical II	Serious	Yes	Yes
ALL	Injury & Medical Emergency	Frequently A	Critical II	Critical	Assist injured employee with appropriate medical care. Use EMT's on Division for initial care. Follow medical protocol as outlined in ICS-206 and Medical Incident Report (IRPG Pgs 99-108)		Likely B	Critical II	Serious	Yes	Yes
ALL	Communications	Frequently A	Catastrophic I	Critical	Maintain communication with aviation resources, and suppression organization. Ensure all frequencies and protocol for contacting adjacent resources and ICP communications are tested and functional. Utilize the ICS 205. Utilize human repeaters when working in reduced coverage areas. Find the appropriate repeater channel that works best for your area and test it.		Likely B	Critical II	Serious	Yes	Yes
ALL	Fireline Hazards	Frequently A	Critical II	Critical	Do not work directly above or below personnel during firing and mop-up operations. Watch for falling and rolling debris on steep slopes. Alert crew personnel of rolling debris by yelling to affected individuals. Position debris that could roll vertically on slope. Avoid stepping over debris that could roll by walking around object. Avoid radiant heat by correctly wearing appropriate PPE. Use correct tool for task assigned.		Likely B	Critical II	Serious	Yes	Yes
ALL	Hazard Trees	Frequently A	Critical II	Critical	Post lookouts, identify escape routes and safety zones (IRPG pg. 7). Review "Hazard Tree Safety" (IRPG pgs. 22-23).		Likely B	Critical II	Serious	Yes	Yes
ALL	Structure Protection & HAZMAT	Frequently A	Significant III	Serious	Review "Wildland Urban Interface" Watch outs, IRPG page 12. Use "Structure Assessment" checklist, IRPG pages 12-16.		Likely B	Critical II	Serious	Yes	Yes
ALL	Steep Terrain & Rolling Debris	Frequently A	Catastrophic I	Critical	~ Maintain 8'-10' spacing when working & walking. ~ Don't work above any personnel. ~ Be on the lookout for rolling rocks, debris, or burning material. ~ Evaluate necessity to send personnel in areas with limited access. ~ situational awareness during nite operations or low visibility		Likely B	Critical II	Serious	Yes	Yes
All	Air Operations	Frequently A	Catastrophic I	Critical	Follow "Aviation Watch-Out Situations" on page 44, IRPG. Don't rely on air resources for medical transport or resupply - have an alternate/contingency plan. Ensure positive communication with all air resources.		Likely B	Critical II	Serious	Yes	Yes
ALL	Heavy Equipment Operations	Likely B	Catastrophic I	Critical	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. Chipping operations, maintain safe distance and refer to Brush Chipper JHA. Avoid working below heavy equipment. Always approach from the front of operations in full view of operator. Never approach from behind the operator's view. Never approach until you have made eye contact and received acknowledgement from the operator.		Occasional C	Catastrophic I	Serious	Yes	Yes
ALL	Initial Attack	Likely B	Critical II	Serious	Use IRPG for initial attack guidance and risk management guidelines. Follow standard firefighting orders and 18 watchout situations. Establish LCES before engaging.		Likely B	Significant III	Moderate	Yes	Yes
All	Check-In / Check Out	Frequently A	Critical II	Critical	Everyone who works on an incident needs to check-in and out with their supervisors. Whether in camp or especially out on the fire line. When traveling from one Branch / Division you're responsible to check-in and out with the proper overhead supervision. In a critical time of need line supervisors need to account for all personnel working or traveling in their respective designated Branch / Division.		Occasional C	Critical II	Moderate	Yes	Yes
DIV H,F,P	ATV/UTV use	Likely B	Critical II	Serious	Ensure equipment is inspected and safe to use. Restrict UTV's to max width of 50" on ATV trails due to width and severe out sloped conditions. Ensure operator is trained and certified to operate. Ensure operator has proper PPE according to the Redbook and/or RMA. Question if it is mission critical.		Likely B	Significant III	Moderate	Yes	Yes
DIVP	Firing Operations & Devices	Likely B	Critical II	Serious	Only personnel trained in the use of each device will be authorized to use firing equipment. Ensure all personnel are aware of firing operation that may affect them. Wear appropriate PPE. Ensure aerial/ground ignition plans have been adequately developed and personnel are briefed. Evaluate your situational awareness of topography, weather and fuels between 1400 and 1700 or the burning period for your incident. Ensure LCES is in place on all divisions prior to ignition. Receive spot weather forecast from FBAN or IMET prior to ignition.		Likely B	Significant III	Moderate	Yes	Yes
ALL	Powerlines	Frequently A	Critical II	Critical	Powerline Safety on pages 24 and 25 of IRPG Ground tactics are normal when fire is more than 100 feet from powerlines Heavy smoke and flames can cause ground arcs When working with heavy equipment near powerlines you spotter to ensure equipment doesn't touch lines Notify power company when working near lines and notify if lines are down Keep aerial resources away from power lines		Likely B	Significant III	Moderate	Yes	Yes
ALL	Unburned Area/Reburn Potential	Rarely D	Critical II	Minor	~ Monitor weather. ~ Base actions upon observed and predicted fire behavior. ~ LCES Checklist (IRPG pg. 6). ~ Look Up, Down and Around (IRPG pg. 2-3).		Rarely D	Significant III	Negligible	Yes	Yes
ALL	Heat Related Illness (HRI) & Dehydration	Occasional C	Catastrophic I	Serious	Recognize the symptoms: Profuse sweating, possibility of - Warm, cool, hot, dry, or clammy skin. Muscle cramps and weakness, Dizziness, headache, rapid weak pulse, vomiting, and or loss of consciousness. Refer to IRPG pages 109 & 110.		Occasional C	Significant III	Minor	Yes	Yes
ALL	Indirect Fireline	Likely B	Critical II	Serious	~ Post lookouts, identify escape routes and safety zones (IRPG pg. 6). ~ Know where active fire is and communicate it		Likely B	Minor IV	Minor	Yes	Yes
All	Bees, Ticks, Mosquitoes	Likely B	Critical II	Serious	Canvas crew members for those with known allergic reactions to stings. Ensure crew members have medication pens if needed. Perform daily self inspection. Use repellent as necessary. Advanced Life Support, multi-dose epi and airway protection. Keep affected area clean and bandaged. Be extra careful when eating and/or drinking to avoid stings to mouth and throat.		Occasional C	Significant III	Minor	Yes	Yes
ALL	Poison Oak	Likely B	Significant III	Moderate	~ Identify and Avoid hazard areas. ~ Launder clothing. ~ Shower frequently.		Likely B	Minor IV	Minor	Yes	Yes
ALL	Unplanned Public Interaction	Occasional C	Minor IV	Negligible	Notify DIVS of any non-fire personnel on fireline. All non-fire personnel will be escorted while on fireline. Post lookouts in populated areas to avoid conflicts with mission tasks. Ensure sufficient security to restrict access to exclusion area. Refer public inquiries to incident information personnel. hunting activities adjacent to or near the fire area. Be aware of		Occasional C	Minor IV	Negligible	Yes	Yes
ALL	Fatigue & Over Exertion	Likely B	Critical II	Serious	~ Ensure sleep hygiene ~ 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. ~ Recognize the symptoms and communicate up the chain the need for additional rest. ~ Follow interagency guidelines for work / rest.		Likely B	Significant III	Moderate	Yes	Yes
ALL	Vehicle Operations in Inclement Weather	Likely B	Critical II	Serious	~ Be alert for potential muddy and slick road surfaces. ~ Avoid parking on soft shoulders along roads. ~ Stay off secondary roads in wet conditions. ~ Increase following distance on slick road surfaces. ~ Send a scout to evaluate roads and work area prior to personnel engagement.		Likely B	Significant III	Moderate	Yes	Yes
ALL	Wildlife & Livestock	Likely B	Critical II	Serious	~ Watch out for wildlife & livestock inside fire area and along roadways. ~ Clean up all debris and trash during each operational period. Dispose of food items in proper containers to reduce interactions with bears and other scavenging wildlife.		Likely B	Significant III	Moderate	Yes	Yes