

 Risk Assessment Worksheet				1. Incident Name:			2. Location:			
3. Specific Objective: Make reasonable and prudent decisions to accomplish the agency mission while minimizing risks and limiting exposure to firefighting personnel.				1. Incident Name: MANGUM FIRE			2. Location: North Kaibab Ranger District			
4. Name and Title of Preparer: John McGee SOF2				5. Date Prepared: Tuesday 07/07/2020						
6. Risk Decision Authority: The risk decision authority block should be signed after the worksheet is completed. Incident Commanders Type 3 and higher or Agency Administrators should sign the Risk Assessment in block 6.				Signature: /s/ Pedro Valenzuela			Title: I/C			
							7/7/2020			
All Incident Operational Tasks	Medical - Patient Evacuation Delay /ALS delayed	Possible	Critical	High	Plan to utilize air medical transport if appropriate and required. Medical transportation by ground to definitive care could be up to 4 hours.	Unlikely	Critical	Moderate	YES	DIVS Line Safety Medics
All Incident Operational Tasks	Hazard Trees	Possible	Critical	High	When possible utilize mechanized equipment to mitigate hazard trees. Follow recommendations in the IRPG, pages 22 & 85. Mitigate hazards by flagging off or removing snags. In work areas post lookouts and use a spotter. Don't park vehicles or take breaks in high concentrations of hazard trees. Establish trigger points for disengagement during high wind events. Remember the hazard zone is 2.5x tree height.	Unlikely	Critical	Moderate	YES	DIVS Line Safety
Direct Line Construction - Hand tools/Saws	Entrapment - Access / Egress during IA	Possible	Critical	High	Ascertain that L.C.E.S is in place. Assume lookout is an experienced individual. Adhere to Fire Orders, Mitigate Watchouts.	Possible	Moderate	Moderate	YES	DIVS, CRWB, Line Safety
All Incident Operational Tasks	Smoke Inhalation during IA	Possible	Critical	High	Avoid smoke column as much as possible. Rotate crews in and out of high smoke if possible.	Possible	Moderate	Moderate	YES	DIVS, Line Safety, CRWB
All Incident Operational Tasks	Entrapment during IA	Possible	Critical	High	Maintain LCEs, ensure that Fire Orders and Watchouts are adhered to. Monitor weather and listen for updates from the IMET. Make sure Escape Routes and Safety Zones are established, clearly marked and known by all personnel!	Possible	Moderate	Moderate	YES	All Incident personnel, Line Safety, DIVS
Transportation - Highway	MVA - Other Vehicles	Possible	Critical	High	Drive defensively at reasonable and prudent speeds for conditions. Utilize seatbelts and headlights at all times.	Unlikely	Critical	Moderate	YES	Driver Operator
Spike Camp	Human Factors	Possible	Critical	High	Establish clear communications with ICP/dispatch center. Avoid sleeping around vehicles. Stay hydrated and eat as healthy as possible. Sleep away from the congestion of spike camp. Avoid high traffic areas, sleep with ear plugs if possible. Utilize glow sticks to mark hazards. All personnel that attend briefing will wear a mask that covers the mouth and nose. When picking up meals, personnel shall wear a mask. No horseplay, be respectful and courteous, police one another.	Unlikely	Critical	Moderate	YES	OSC, DIVS, CRWB, BCMG
Transportation - Ground	Equipment - ATV/UTV Rollover during IA	Possible	Critical	High	Utilize certified operators. Drive at reasonable and prudent speeds. An approved helmet WILL be worn while riding to reduce risk.	Unlikely	Critical	Moderate	YES	Driver Operator
Direct Line Construction - Hand tools/Saws	Hit by Rolling Material in Steep Terrain (IA)	Unlikely	Critical	Moderate	Post Lookouts, don't send personnel up above you, crew spacing, communicate hazards.	Rare	Critical	Moderate	YES	All incident personnel
All Incident Operational Tasks	Aircraft Mishap - General	Unlikely	Critical	Moderate	Utilize Air Attack to maintain control of air operations.	Unlikely	Critical	Moderate	YES	Air Attack
All Incident Tasks	Heat-related Injuries	Possible	Critical	High	Review p. 45 in the IRPG. Keep eyes on your crewmates and take action if they go into distress. Avoid energy drinks. Drink plenty of water and sport drinks. Manage your core body temperature.	Unlikely	Moderate	Low	YES	All incident personnel
All Incident Operational Tasks	COVID 19	Possible	Moderate	Moderate	Consider signs and symptoms when interacting with individuals. Practice social distancing and adhere to "Module of One" concept. Ensure adequate rest. Clean and disinfect surfaces that have been potentially contaminated. Report to supervisor immediately if feeling ill. Utilize hand cleaner after touching foreign surfaces. Utilize face coverings when unable to social distance or inside areas with poor ventilation.	Unlikely	Moderate	Low	YES	DIVS, Line Safety, All Incident personnel.
All Incident Operational Tasks	Electrocution - Power lines	Possible	Moderate	Moderate	Follow Recommendations in the IRPG, page 24.	Unlikely	Moderate	Low	YES	All incident personnel
Direct Line Construction - Hand tools/Saws	Slips/Trips/Falls - Steep Terrain, Unstable Surface	Unlikely	Critical	Moderate	Watch footing and trip hazards. Maintain spacing while hiking, avoid working below others or below equipment.	Unlikely	Negligible	Low	YES	All incident personnel
Transportation - Dirt Roads	MVA - Surface w/washboard	Possible	Moderate	Moderate	Driving speeds appropriate for road surface conditions, drive slower with washboards and soft shoulders.	Unlikely	Moderate	Low	YES	Driver Operator
Transportation - Dirt Roads	MVA - Visibility w/dust	Possible	Moderate	Moderate	Clean windshield, speeds as appropriate, abate dust on gravel and dirt roads where possible. Defensive driving and extended following distances.	Unlikely	Moderate	Low	YES	Driver operator