

| Incident Risk Register  |   |                       |                     |                         |   |                         |                     |   |
|---|---|-----------------------|---------------------|-------------------------|---|-------------------------|---------------------|---|
| 1. Incident Name:   |   | 2. Incident Number:   |                     | 4. Date of Assessment:  |   |                         |                     |   |
| Call Canyon Fire  |   | NM-SNF-000028         |                     | Monday, August 22, 2022 |   |                         |                     |   |
| 5. Assessed by:   |   |                       | 6. Reviewed by:     |                         | 7. Assessed Operation:  |                         |                     |   |
| Eliot Pickett SOF2 / Ryan Romero SOF2/ Manuel Martinez SOF2 (t) |   |                       |                     |                         | Current Strategy  |                         |                     |   |
| Assess Hazards  |   |                       |                     | Make Risk Decisions     |   |                         |                     |   |
| 8. Task/Risk Category   | 9. Risk Scenario (Events leading to harm)   | 10. Severity of Event | 11. Harm Likelihood | 12. Risk Rating         | 14. Identify Risk Mitigations   | 15. Mitigation Strategy | 16. Risk Necessary? | 17. Risk Management Assigned to:            |
| Weather - Flash Flooding  | Working below fire scars X thunderstorm rainfall X flash flooding / debris flows = <b>Drowning/swept away/trapment</b>  | Catastrophic          | Unlikely            | High                    | Remove crews from areas when rainfall is observed above work areas in burn scars. Monitor the weather using lookouts, radar, and IMET.  | Avoid                   | NO                  | All Incident Personnel                      |
| Operational Tasks in Remote Locations                           | IWI X Patient Evacuation Delay X ALS Delay = <b>Fatality</b>  | Catastrophic          | Unlikely            | High                    | Utilize air medical transport, if appropriate, especially for RED and YELLOW IWI. Use P.A.C.E. model for transportation planning utilizing the ICS 206 medical plan. Leaders intent: Have plans that keep patient moving to definitive care. Know Aviation Limitations.   | Accept                  | YES                 | All Incident Personnel                      |
| MVA - Equipment/Object in roadway                               | Highway travel X heavy rains X burned slopes above X rolling material X debris in roadway = <b>MVA</b>  | Critical              | Possible            | High                    | Limit travel on highways in burned areas. If necessary slow speeds on corners and be ready to react with debris on roadway.   | Reduce                  | YES                 | All Incident Personnel                      |
| Electrocution   | Low hanging powerlines + High clearance equipment = <b>Electrocution</b>  | Critical              | Rare                | Moderate                | Watch for low hanging powerlines and fire weakened structures. Communicate, identify, isolate, deny entry. Always treat downed wires as energized. Coordinate with power utilities. "Overhead Power Line" signs were placed in some areas where power lines cross the roadway.  | Avoid                   | YES                 | Driver/Operator                             |
| Weather - Lightning   | Working outside X Thunderstorms X Lightning = <b>Electrocution</b>  | Catastrophic          | Rare                | Moderate                | Utilize lookouts to warn of approaching thunderstorms. Seek shelter in building or vehicles during lightning. Follow Thunderstorm Safety IRPG page 17   | Avoid                   | NO                  | All Incident Personnel                      |
| Hit by Vehicle  | Public Motorist X Distracted X Loss of Control/Drifting from lane X Stationary Operation of Emergency Vehicle = <b>MVA</b><br>Public Motorist X Distracted X Loss of Control/Drifting from lane X fire personnel on shoulder of Highways = <b>Hit by Motorist</b> | Catastrophic          | Rare                | Moderate                | All warning lights to remain in operation while on scene. Place vehicle with highest CIVW in the rear when there is more than one vehicle along the roadside. Position vehicle off roadway as far as possible depending on shoulder stability, while maintaining clear egress from scene. When on roadway where 500' of visible warning is not possible, place road hazard triangles or signs to warn motorists. Use personal protective equipment to mitigate foreseeable traffic hazards including reflective vests. Be very aware when exiting the vehicle into traffic. Establish LCES with incoming vehicles to react quickly. Reduce exposure in this direct impact environment by expediting operations to lessen time on scene.   | Reduce                  | YES                 | Crew Supervisor<br>Driver/Operator          |
| MVA - Equipment/Object in roadway                               | Log Hauling X Unsecure loads X Blind corners X narrow roads = <b>MVA</b>  | Catastrophic          | Rare                | Moderate                | Ensure haul routes are identified with narrow roads actively managed for traffic conflict and loads are confirmed to be secure. Entry to highways are clearly signed with warning to motorists.   | Reduce                  | YES                 | Division Supervisor<br>Line Safety          |
| Urban Interface Operations                                      | Hostile Public  | Critical              | Unlikely            | Moderate                | Prior to engagement: PIO/Liaison/IC and elected leaders continue to articulate the importance of evacuating and not impacting emergency response and evacuation operations. In the moment: de-escalate, reasonably assist with stressed individual and remain on task with following Leader's Intent and completing operational assignment. Seek protection if there is an active shooter situation. Remain hypervigilant at all times, keep out of known hostile areas, utilize LEO's as a deterrent, treat any hostile event as a RED IWI. Areas of avoidance have been mapped.   | Avoid                   | YES                 | All Operational Personnel/SEC1's            |
| Suppression Repair  | Hit by rolling material in Steep Terrain  | Critical              | Unlikely            | Moderate                | Alert others of rolling material. Avoid putting personnel above one another on steep slopes where an increased possibility of being hit by rolling rocks or logs.   | Avoid                   | YES                 | Division Supervisor/Line Personnel          |
| All Incident Operations   | Human Factors X Complacency = <b>Accidents and Injuries</b>   | Critical              | Unlikely            | Moderate                | Maintain situational awareness. Ensure common operating picture among resources and keep focused on task at hand. Ensure all resources have task, purpose and end state identified and known.   | Reduce                  | YES                 | All Incident Personnel                      |
| All Incident Operations   | Firefighters X Operations in Outdoors = Wildlife encounters = <b>injuries</b>   | Critical              | Rare                | Moderate                | Avoid piles of dead fuels, trash and unknown objects. Camp/sleep in vehicle or tent. Be aware of these hazards. Ensure crews are aware of allergies and carry epi pens. Dispose of and secure all food trash in known bear country.   | Reduce                  | YES                 | All Incident Personnel                      |
| Hit by Flying Debris  | Chipping X Feeding chipper X Snagged/lock back = <b>Hit by material</b><br>Chipping X Flying Debris X Improper chute placement X Personnel in path = <b>Hit by Flying Debris</b>  | Critical              | Unlikely            | Moderate                | <ul style="list-style-type: none"> <li>Establish method of communicating between operator and feeder. Never operate chipper alone. Check for debris in infeed areas and clean. Ensure all safety shutdowns are working properly.</li> <li>Never reach into the infeed shroud. Feed short material on top of longer material or lay short pieces on the infeed tray and push into chipper with long branches or long piece of wood. Do not use rakes or shovels to push material into feeder. Do not use your hand or feet to push material into feeder.</li> <li>In the event of stalling or plugging remove keys and disengage the cutting head. Wait till cutting head comes to a complete stop before working on chipper.</li> <li>Check direction of discharge. Make sure discharge is pointed away from work areas, pedestrian walkways, or roadways. Position down-wind if possible. Check material for rocks before feeding into chipper. Clean debris off chipper before transporting.</li> <li>Hard hat, eye protection, gloves, and ear protection will be worn at all times when working near chipper. Do not wear clothing or line gear which may become tangled with fed brush.</li> </ul> | Reduce                  | YES                 | Division Supervisor<br>Line Safety          |
| Equipment - Heavy Equipment                                     | Heavy Equip Ops X FF in work area = <b>Injury from tree/material or crushed by Heavy Equipment</b>  | Critical              | Unlikely            | Moderate                | When working around heavy equipment stay at least 100 feet in front and 50 feet behind the equipment. Never approach equipment until you have established acknowledgement from operator, all implements have been lowered to the ground, and equipment is idled down. Avoid working downhill from equipment where rolling material could impact you.  | Reduce                  | YES                 | Division Supervisor<br>Crew Supervisor      |
| Hit by Tree/Snag/Branch   | Trees & Snags X Fire Weakened X Wind = <b>Hit by Tree/Branch</b>  | Critical              | Unlikely            | Moderate                | Look Up, Look Down, Look Around. Identify, communicate and mitigate hazard trees. Reference IRPG  | Reduce                  | YES                 | Division Supervisor<br>Crew Supervisor      |
| MVA - Surface   | Rain X Bad Tires X Excessive speed X Hydroplaning = <b>MVA</b>  | Critical              | Unlikely            | Moderate                | Ensure tires have proper tread depth greater than 3/32". speeds are reduced when roads have standing water or conditions warrant.   | Reduce                  | YES                 | All Incident Personnel                      |
| Communications  | Poor communication X Changes in plan or conditions = uninformative actions leading to Mishap  | Critical              | Unlikely            | Moderate                | Be aware of areas on the Fireline where transmitting and/or receiving is difficult or impossible. Ensure LCES and Fire Orders 7, 8 & 9 are in place. Use human repeaters to mitigate communication issues.  | Accept                  | YES                 | All Operational Personnel                   |
| MVA - Other Vehicles  | Opposing traffic X Narrow roads X Excessive speed = <b>MVA</b>  | Critical              | Unlikely            | Moderate                | Expect public on all roadways. Drive defensively at reasonable & prudent speeds for conditions. Use seatbelts and headlights. Expect other vehicles even if the road is closed.   | Accept                  | YES                 | All Incident Personnel                      |
| MVA - Other Vehicles  | Oncoming Public Motorist X Distracted X Loss of Control = <b>MVA</b>  | Critical              | Unlikely            | Moderate                | Drive defensively at reasonable & prudent speeds for conditions. Use seatbelts and headlights. Expect other motorists to be distracted and anticipate evasive maneuvers. Be hyper aware with oncoming vehicles.   | Accept                  | YES                 | All Incident Personnel                      |
| MVA - Pedestrian/Bicyclist                                      | Distracted X Excessive speed X Pedestrians / Bicyclist = <b>Person hit</b>  | Critical              | Unlikely            | Moderate                | Stay alert to road shoulders where pedestrians and bicyclist may be. Slow down when sighted. Slow speeds around blind corners   | Accept                  | YES                 | All Incident Personnel                      |
| MVA - Visibility  | Poor visibility X Distracted X Excessive speed X drifting from lane = <b>MVA</b>  | Critical              | Unlikely            | Moderate                | Drive defensively at reasonable & prudent speeds for conditions. Use seatbelts and headlights. Slow down for blind corners, narrow roads and single lane bridges. Beware of pedestrian/animals at night. Pull over to utilize cell phones or hands free.  | Accept                  | YES                 | All Incident Personnel                      |
| MVA - Wildlife & Livestock                                      | Animals in Roadway X Excessive Speed X Over-correction = <b>MVA</b>   | Critical              | Unlikely            | Moderate                | Reduce speeds at night, dusk and dawn to anticipate large animals in roadway. Do not swerve to miss animals.  | Accept                  | YES                 | All Incident Personnel                      |
| Hit by Rolling Material   | Unstable Slopes X Steep Rocky Terrain = <b>Fall/Hit by Rolling Material</b>   | Critical              | Unlikely            | Moderate                | Alert others to rolling material. Avoid putting personnel above one another on steep slopes where an increased probability of being hit by rolling rocks or logs.   | Accept                  | YES                 | Division Supervisor                         |
| Medical - Patient Care  | Injury/Accident X Areas without Comms X Lack of definitive patient care = <b>Patient Care Delayed</b>   | Critical              | Unlikely            | Moderate                | Ensure communications, place human repeaters. Utilize satellite phones if available. Know and understand transportation plan before an incident occurs. Consider options for medical transport. Identify medically trained personnel. Know EMS timelimes.   | Accept                  | YES                 | Division Supervisor<br>Medical Section      |
| MVA - Other Vehicles  | Logging Trucks x Limited Sight Distance x Weight x Road Bed Conditions = <b>MVA</b>   | Critical              | Unlikely            | Moderate                | Place road guards at both ends of the road. Make announcements over the tactical frequency every mile marker on the way up or down. Maintain slower speeds while on FR 76. Maintain a clean windshield.   | Accept                  | YES                 | Driver Operator<br>TFLD                     |
| All Incident Operations   | Accidental shooting   | Catastrophic          | Rare                | Moderate                | Be aware of hunters in the area, notify supervisor. Involve the SEC1's to educate the hunters on the closure area   | Accept                  | YES                 | All operational Personnel to include SEC1's |
| Equipment - ATV/UTV   | Excessive speeds X Lack of PPE X Rough terrain = <b>ATV/UTV Rollover</b>  | Critical              | Unlikely            | Moderate                | Utilize certified operators. Ride at reasonable and prudent speeds, appropriate helmet will be worn while riding to reduce risk. No cross country travel. All riders must have a seat, seat belt, and DOT approved helmet.  | Accept                  | YES                 | All Incident Personnel                      |
| Personal Hygiene & Health                                       | Poor hygiene X human interactions = transmission of diseases (COVID-19)   | Moderate              | Possible            | Moderate                | Covid-19 can present with affects ranging from zero symptoms to fatality. Report all illness and symptoms of any kind to the Medical Unit. Follow all CDC and hosting agency protocols. Utilize module of one, wear masks and avoid crowds when possible. Wash and/or sanitize hands frequently.  | Reduce                  | YES                 | All Incident Personnel                      |
| Equipment - Heavy Equipment                                     | Air Curtain Burners   | Critical              | Rare                | Moderate                | Load Fuel to be burned with equipment. Give fuel 2 hours minimum to burn down prior to leaving division for the day. Do not operate when the wind speeds reach 20mph or greater to prevent the potential to carry hot embers. NEVER climb on the unit. Have operator and TFLD conduct a tagline safety briefing prior to operation and conduct AARS to adjust operations as needed.   | Accept                  | YES                 | Divisons Oscar/Sierra/X-Ray                 |
| Transportation - Ground   | Egress or Ingress compromised   | Moderate              | Unlikely            | Low                     | Maintain situational awareness. Maintain effective communication. Evaluate potential for trees falling. Evaluate need for mission. Monitor weather for flash flooding.  | Reduce                  | YES                 | Division Supervisor/Line Personnel          |
| Chainsaw  | Limbing & Brushing X Lack of Chainsaw Control/Distancing = <b>Lacerations</b>   | Moderate              | Unlikely            | Low                     | Use qualified operators or provide 1 on 1 mentoring for low experienced operators. Ensure distancing and agreed upon communication between sawyer and swamper. Be cognizant of experience levels and risk.  | Accept                  | YES                 | Division Supervisor                         |