

Identify Hazards		Assess Hazards			Risk Control Options	Residual Risk			Decision	Implement
7. Task	8. Hazard	9. Hazard Probability	10. Severity	11. RAC	12. Identify hazard mitigations & measures (press [alt + enter] to add a line)	13. Hazard Probability	14. Severity	15. RAC	16. Task Necessary?	17. Hazard Control Assigned to:
All Incident Operational Tasks	Weather - Lightning	Possible	Catastrophic	Extremely High	Consider lightning for all incident actions / operations, review IRPG page 21 for mitigations. Seek buildings with electrical wiring or indoor plumbing, if unavailable seek a hard top vehicle, if unavailable don't be the tallest point on the ground. Avoid grouping together, crouch if hair stands on end.	Unlikely	Catastrophic	High	NO	All Personnel
Transportation - Ground	Motor Vehicle Accident-All Causes: visibility, other vehicles, pedestrians, bicycles, wildlife, road surface, livestock.	Possible	Catastrophic	Extremely High	Establish ICP near Incident Base, and near Helibase to minimize driving distances, establish camps as needed (if transportation times approach 1 hour or greater). Local roads can be narrow with little to no shoulder, minimize or eliminate distractions within your vehicle, adhere to driving policy, work rest policy, duty day limitations. Maintain vehicle readiness: clean windows, use headlights day & night, seatbelt use, take frequent breaks during long drives, obey posted speed limits, use backers if available.	Unlikely	Critical	Moderate	YES	All Drivers
Aviation Operations - Bucket Work, Retardant Longline, Medevac, Aerial Recon, Troop Shuttle	Aircraft Mishap - General	Unlikely	Catastrophic	High	Refer to Aviation (blue) and emergency medical care (pink) sections of the IRPG, especially pages 50-54,57, 62, 116-117, review and train on the <i>Helicopter LZ Brief</i> to improve communications between ground and pilot. Ensure area or line is cleared prior to water or retardant drops, provide immediate feedback to pilots.	Unlikely	Critical	Moderate	YES	Division Supervisors Resource Bosses Medics & EMT's Single Line
Night Medevac	Aviation Mishap - Any Cause	Rare	Catastrophic	Moderate	Ensure the <i>Landing Zone Briefing</i> is transmitted to pilots prior to landing. If hoist or short haul operations are occurring ensure extraction location hazards such as height of timber or other flight hazards are communicated to pilots.	Rare	Catastrophic	Moderate	YES	Division Supervisor IWI IC Any
Night Medevac	Human Factors - Experience & Training	Rare	Catastrophic	Moderate	Plan for night medevac operations by ensuring strobes, headlamps have fresh batteries, glow sticks (use red not green), confirm aerial hazards such as powerlines do not exist in area of operations (helispots, short haul, or hoist)	Rare	Catastrophic	Moderate	YES	Division Supervisors Resource Bosses Medics & EMT's Single Line MEDL's
Medevac Operations	Aircraft Mishap - High Elevation	Unlikely	Critical	Moderate	Identify alternate helispots or extraction locations at lower elevations due to density altitude and helicopter performance concerns at high elevations.	Rare	Critical	Moderate	YES	Division Supervisor Ops Support Air HEBM
Point Protection / Structure Protection	Entrapment - Any Cause	Unlikely	Critical	Moderate	Ensure 10- 18 are reviewed, ensure LCES is reviewed and in place.	Rare	Critical	Moderate	YES	Division Supervisor
Scouting/Monitoring/Recon - Ground	Entrapment - Any Cause	Unlikely	Critical	Moderate	Ensure 10- 18 are reviewed, ensure LCES is reviewed and in place.	Rare	Critical	Moderate	YES	Division Supervisor
Transportation - Ground	Human Factors - Experience & Training	Unlikely	Critical	Moderate	Identify structures that are higher risk for containing substances that are above what is normally found (explosives-mining supplies, large quantities of chemicals, etc.) Evaluate collapse potential if dealing with abandoned, historic type structures.	Rare	Critical	Moderate	YES	Division Supervisor

Transportation - Ground	Human Factors - Experience & Training	Unlikely	Critical	Moderate	Evaluate if ATV use is justified (use Risk Assessment Tool), utilize trained and certified riders only, ride at reasonable and prudent speeds, follow your agency policy regarding PPE use to minimize injury potential, avoid driving or riding on public roads which increases the possibility of an accident. Reference Chapter 14 of the Red Book Standards, ATV head protection for wildland fire operations.	Rare	Critical	Moderate	YES	All ATV operators Division Supervisors
Transportation - Ground	Human Factors - Experience & Training	Unlikely	Critical	Moderate	Evaluate if UTV use is justified (use Risk Assessment Tool), utilize trained and certified drivers only, drive at reasonable and prudent speeds, follow your agency policy regarding PPE use to minimize injury potential, avoid driving or riding on public roads which increases the possibility of an accident. Reference Chapter 14 of the Red Book Standards, UTV head protection for wildland fire operations.	Rare	Critical	Moderate	YES	All UTV operators Division Supervisors
Transportation - Ground	Slips/Trips/Falls - Steep Terrain, Unstable Surface	Possible	Moderate	Moderate	Communicate hazards while hiking, watch footing while on steeper ground, minimize working above others while on slopes.	Unlikely	Moderate	Low	YES	Single Resource Bosses
Aerial Retardant/ Bucket Operations	Hit by Water/Retardant	Rare	Critical	Moderate	Ensure area or line is cleared prior to water or retardant drops, provide immediate feedback to pilots as to drop effectiveness and location, maintain positive communications with ATGS. Evaluate potential for tree tops to be broken off during drops or entire tree to be knocked over, refer to pages 57-61 in the IRPG.	Rare	Moderate	Low	YES	Division Supervisors
All Incident Operational Tasks	Medical - Hygiene, Illness, Disease	Possible	Moderate	Moderate	Refer to COVID-19 Risk Assessment, maintain good or better personnel hygiene, coordinate with county health departments as needed.	Unlikely	Moderate	Low	YES	Medical Section
Point Protection / Structure Protection	Medical - Delay In Providing Advanced Life Support	Possible	Moderate	Moderate	Ensure medical personnel with ALS equipment are imbedded with crews working in remote country.	Unlikely	Moderate	Low	YES	Division Supervisor MEDL
Provide for Public Safety	Entrapment - Communications	Rare	Catastrophic	Moderate	Ensure Area Closure is signed & enforced, report public intrusions to LOFR and or LE. Utilize the R-S-G program to notify public of evacuation status.	Rare	Moderate	Low	YES	LOFR Manager Security LE
Provide for Public Safety	MVA - Visibility	Rare	Critical	Moderate	Develop and implement a Roadway Response Plan to mitigate hazards associated with smoke on roadways.	Rare	Moderate	Low	YES	Team Safety Safety Line
ICP	Hostile Individual	Rare	Moderate	Low	Refer to Active Shooter Plan for Team 4	Rare	Moderate	Low	NO	All Personnel
Saw Usage	Chainsaw - Gysering / Injury	Unlikely	Critical	Moderate	Review causes for gysering and anticipate occurrence, minimize possibility of gysering to occur, provide proper trauma kits near saw operations.	Rare	Critical	Moderate	YES	Division Supervisor Sawyers and Swampers