

INCIDENT RISK ANALYSIS (ICS 215a)

DIV	HAZARDOUS ACTIONS / CONDITIONS	MITIGATIONS / WARNINGS / REMEDIES	
ALL	DRIVING HAZARDS	<input type="checkbox"/> Drive defensively! Expect the unexpected around every curve. <input type="checkbox"/> Drive with headlights on; use chock blocks, keep windshields clean; look before backing; and use backers whenever available. <input type="checkbox"/> Don't drive when fatigued. Adhere to agency driving regs and guidelines. <input type="checkbox"/> Be alert for wildlife, heavy trucks, & high speed opposing and over-taking traffic. <input type="checkbox"/> Check traffic approaching from behind when making left turns. <input type="checkbox"/> Increase following distances on dusty roads. Slow down when you meet opposing traffic or encounter washboard surfaces. <input type="checkbox"/> Utilize traffic controllers and one-way traffic patterns where necessary. <input type="checkbox"/> Foresthill road remains open to local traffic, use extreme caution when working near road.	
ALL	COMMUNICATIONS	<input type="checkbox"/> Radio interference from nearby fires is occurring on an intermittent basis. When calling helibase clearly state "American River" helibase. If interference is for a prolonged period consider disengagement. <input type="checkbox"/> Ensure human repeaters are used in Divs R and J for the people in the canyon bottom.	
ALL	FIRE BEHAVIOR SLOPE REVERSALS and BECOMING IN ALIGNMENT	<input type="checkbox"/> Monitor current weather conditions and forecasts. Make sure all personnel receive thorough briefings every shift. <input type="checkbox"/> Be observant for formation and passage of thunder cells through or close to fire area and alert all personnel. <input type="checkbox"/> Maintain adequate escape routes and safety zones. Advise all personnel if these are compromised or changed. Set trigger points when appropriate. <input type="checkbox"/> Adhere to 10 Std Orders, mitigate 18 situations. Maintain Situational Awareness.	
ALL	COMMUNICATIONS – GAPS IN REPEATER COVERAGE	<input type="checkbox"/> Utilize Cell Phones, satellite phones, and/or human repeaters. <input type="checkbox"/> Add improved repeater system <input type="checkbox"/> Check como when moving to a new location	
ALL	FATIGUE	<input type="checkbox"/> Be alert for signs of fatigue and take breaks as necessary. <input type="checkbox"/> Maintain 2:1 work/rest ratio. <input type="checkbox"/> Monitor incoming resources for level of fatigue.	
ALL	AIRCRAFT OPERATIONS	<input type="checkbox"/> Use air-to-ground frequency to communicate with aircraft. <input type="checkbox"/> Use clear, concise statements when directing aircraft. Use clock directions from pilot's perspective.	
C,E	LINE CONSTRUCTION	<input type="checkbox"/> Conduct thorough briefing for all personnel (inside rear cover IRPG). <input type="checkbox"/> Ensure LCES in place prior to engagement (IRPG p. 6). <input type="checkbox"/> Adhere to 10 Std. Orders, mitigate 18 Situations. <input type="checkbox"/> Establish adequate safety zones (IRPG p.7) and escape routes. <input type="checkbox"/> Use Downhill Line Checklist (IRPG p. 8). <input type="checkbox"/> Follow "Look Up, Look Down, Look Around" procedures (IRPG p. 2-3). <input type="checkbox"/> Utilize Risk Management Process (IRPG p.1).	
ALL	Environmental Hazards : Poison Oak Snakes, Bees Ticks, Bears	<input type="checkbox"/> Identify, avoid, and get treatment for any bites, stings, or poison oak reactions. <input type="checkbox"/> We are in bear country. Pack In-Pack out all garbage, keep line clean of trash. No food in tents. <input type="checkbox"/> Check yourself often for ticks	
ALL	Mine shafts and Explosives	<input type="checkbox"/> Identify and flag hazards, advised others of known locations <input type="checkbox"/> If any explosives are found, back out the way you came in and Notify safety officer	
J,R,S, U,Y,C, E	EXTREMELY STEEP TERRAIN AND ROLLING MATERIAL	<input type="checkbox"/> Watch your footing; take your time; ensure adequate spacing between Crew members; post lookouts to warn of rolling debris.	
ALL	SNAG HAZARDS	<input type="checkbox"/> Follow Hazard Tree Safety Guidelines (IRPG p. 80). <input type="checkbox"/> Limit number of personnel around snags and their exposure time; fallers must be qualified for trees being fallen. <input type="checkbox"/> Be especially alert around snags during wind events. <input type="checkbox"/> Check for hazard trees & "widow-makers" in sleeping areas prior to using. <input type="checkbox"/> Maintain Situational Awareness.	
ALL	Fire Suppression Rehabilitation	<input type="checkbox"/> Keep a safe distance from equipment operations, do not walk behind or below equipment operations. <input type="checkbox"/> Communicate location of fire rehabilitation operations, alert personnel working in the area.	
ALL	COMPLACENCY	<input type="checkbox"/> Repeated assignments in the same area can lead to complacency making personnel more vulnerable to accidents. <input type="checkbox"/> Situational awareness must be maintained for the duration of the incident.	
ALL	SAFETY ZONES	<input type="checkbox"/> Follow safety zone guidelines (IRPG p. 7) <input type="checkbox"/> Carefully evaluate burned areas before designation as safety zones due to spotty burning in numerous areas. <input type="checkbox"/> When safety zones are distant from work site, set trigger points to allow ing personnel to reach them in a timely manner.	
INCIDENT NAME: American River Complex		DATE PREPARED: July 17, 2008	OPERATIONAL PERIOD 7-17-20-08
ICS 215a		TIME PREPARED: 2000 HOURS	Prepared by Greg Garcia