

Risk Assessment Worksheet		1. Project/Incident/Work Activity: Lightning and Thunder Storms			2. Location: Los Padres National Forest					
3. Specific Objective: Lightning and Thunder Storm Safety		4. Name and Title of Preparer: Eric Verdries, Captain			5. Date Prepared: Wednesday, March 10, 2021					
6. Risk Decision Authority: The risk decision authority block should be signed after the worksheet is completed. Use the Risk Decision Authority matrix to determine the authorization required to sign in block 6.										
Signature:		Title: Forest Supervisor			Date: June 2, 2026 (Reviewed by Bruce Gunther -Safety Manager) See "Additional FLT Comments" on routing slip					
Identify Hazards		Assess Hazards		Risk Control Options		Residual Risk		Decision	Implement	
7. Task	8. Hazard	9. Hazard Probability	10. Severity / Consequence	11. RAC	12. Identify hazard mitigations & abatement measures (press [alt + enter] to add a line)	13. Hazard Probability	14. Severity / Consequence	15. RAC	16. Task Necessary?	17. Hazard Control Assigned to:
Thunderstorm Activity	Electrical Shock	Unlikely	Critical	Moderate	Do not use Radios, telephones, plug-in electrical equipment, or plumbing fixtures. Turn off generators and electrical equipment. Put down all tools. Caulk boots are particularly good grounding agents and should be removed. Do not handle flammable materials in open containers. Stay in your vehicles unless it is metal-tracked, has a non-metal top, or is open. If you are in a metal-tracked vehicle, dismount and seek appropriate shelter. Get away from water tanks, ponds, streams, lakes, and swimming pools. Avoid parking lots, tennis courts, athletic fields, golf courses, and other large open fields. Get under a steel bridge, but never touch the steel and never sit or stand on damp ground. If boats are in use, have them docked. Get out of the boats and away from the water. Ground and anchor all aircraft.	Unlikely	Moderate	Low	YES	

Thunderstorm Activity Cont.	Electrical Shock Cont.	Unlikely	Critical	Moderate	Take shelter in a building, if one is available. choose a building with lightning protection in preference to a small, unprotected building. Close the doors and windows, if that is not possible stay away from open doors and windows. Stay away from fireplaces, radiators, stoves, metal pipes, sinks. If no buildings are available, your best protection is a cave, ditch, tunnel, canyon, or head-high clumps or trees in open forests area. When there is no shelter, avoid tall objects such as lone trees. If only isolated trees are nearby or if you are in open country, the best protection is to make yourself as small a target as possible. Drop to your knees bend forward with your hands resting on your knees, and keep a distance of twice the height of the nearest tree. To minimize the flow of the current, keep your feet together. Keep away from wire fences, telephone lines, electrically conductive objects, and railroad tracks.	Unlikely	Moderate	Low	YES	
Thunderstorm Activity Cont.	Electric shock cont.	Unlikely	Critical	Moderate	Avoid the tops of ridges, hilltops, wide open spaces, ledges, out-crops of rocks, and sheds and shelters in exposed locations. Avoid grouping people together. Move away from horses and stock. Advise crew members that if they feel a electrical charge, if their hair stands on end, or their skin tingles, a lightning strike may be imminent. Administer CPR and first aid immediately as required. where there are multiple lightning strike victims, render emergency medical treatment first to individuals who are unresponsive and next to those with vital signs who exhibit the most life threatening injuries. Individuals in full-cardiac arrest must be transported to a ALS medical facility as soon as possible.	Unlikely	Negligible	Low	YES	

[illegible]