

U.S. Department of Agriculture Natural Resources Conservation Service	1. WORK PROJECT/ACTIVITY ATV Use	2. LOCATION Westwide	3. UNIT Snow Survey
JOB HAZARD ANALYSIS (JHA)	4. NAME OF ANALYST Randy Julander	5. JOB TITLE Utah Snow Survey Supervisor	6. DATE PREPARED 4/25/07
7. TASKS/PROCEDURES	8. HAZARDS	9. ABATEMENT ACTIONS Engineering Controls * Substitution * Administrative Controls * PPE	
Loading/unloading	Injury due to accident	<p>Many accidents occur while loading or unloading atvs. first, do not use a flat bed truck or pickup bed to transport-load-unload atvs. These typically have a much higher platform to load/unload to and thus have a higher potentia for accidents. An appropriate trailer designed for snowmobiles and atv's should be used and prefereably one that is a load from the rear and drive off the front type trailer. Always make sure that the trailer is securely hitched to the truck when loading or unloading sleds. When unloading atvs, first check to see that the area is clear and that the truck and trailer are aligned. Do a cursory check of the atvs while removing the restraining brackets from the trailer. Be careful when lowering the ramps, make sure a foot is not underneath. prior to starting the sled, put the park brake on, make sure the throttle is free and that the choke mechanism toggles freely. Start the atv and allow it to idle under choke conditions till it runs free. Release the brake and slowly move the first atv down the ramp and off the trailer and away from the truck being careful not to hit anyother obstacles. Use controlled speed. at this point the second atv can either be taken off its own ramp or pulled sideways and taken off the same side as the first. Use extreme caution when using a rear unload and load trailer as backing an atv down a ramp is far more dangerous than driving one forward down a ramp.</p> <p>Loading atvs. make sure that the atv is 5 to 10 feet behind the trailer and in a straight line to the ramp and trailer. Ensure trailer is secured to truck and ramps are locked in position secure to the trailer and that they are level. use controlled speed and drive the atv up the ramp onto the trailer. If insufficient momentum is used and the atv stops partway up the ramp, reverse, and begin the procedure from the beginning. do not try to accelerate up the ramp as control can be difficult to maintain and abrupt acceleration can place the atv thru the trailer and into the back of the truck with sevier injuries. As the sled comes to the top of the ramp onto the trailer, quickly apply the brake. bring the atv to the appropriate location on the trailer and secure. Load and secure the other atv.</p> <p>Ensure that retaining devices are in place. Use tie-down straps to further secure atvs if necessary.</p>	

Riding ATV's on road and trails	Falls	Ride only on trails within the technical capacity and at a safe speed. Use approved Personal Protective Gear (PPE): helmet, goggles, sturdy boots, and gloves.
	Technical Riding Hazards:	All personnel should attend an approved ATV safety class before riding an ATV. After the class, remember that riding technical terrain is a learned skill, start easy and work towards harder. Never ride something that you feel uncomfortable about.
	Machine Tip Over	When possible ride straight up or straight down a hill rather than across a sidehill. Always shift your weight to the uphill side of the ATV whenever on a hill, for example when going uphill stand up with legs bent at the knees and lean forward. Likewise when going downhill use the same posture but lean towards the rear of the machine. Follow weight distribution guidelines to prevent tipping.
	Riding over obstacles	ATVs are capable of riding over obstacles like fallen logs, provided the diameter is not more than about 10 inches. Approach logs at a right angle. If a particular object can be moved from the trail this may be the best way to avoid the hazard.
	Head Injuries	Always wear a helmet and watch the trail ahead for low hanging limbs.
	Ankles and Knee injuries	Keep your feet on the foot pegs when the machine is in motion. If the ATV falls over be sure to keep your legs and feet away from getting under the machine.
	Hand and wrist injuries	Install hand protectors on the handlebars and wear gloves.
	Dehydration	Carry plenty of drinking water and drink frequently during hot weather.
Hauling equipment to project site on ATV's.	Improper Weigh Distribution	Distribute the weigh as follows: 2/3rds of weigh should be placed on the back rack (no more than 180 pounds) and 1/3 of the weight on the front rack (or no more than 90 pounds). When using ATV trailers, minimize the load on ATV racks.
	Unsecured Load	Loads must be evenly secured with tie downs or bungee cords.
	Sight Restrictions	do not load the front rack on such a way that it impedes our vision.
10. LINE OFFICER SIGNATURE		11. TITLE
		12. DATE

Previous edition is obsolete

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