

Safe Operating Rules

This document outlines the minimum Safety Standards for operating the RSL Rover on jacks while applying the throttle required by Santa Clara University and OSHA. RSL Rover safety should exceed these requirements. The purpose of RSL safety is to eliminate:

1. Accidents and Injuries
2. Property Damage
3. Equipment Abuses and Damage

Meeting these requirements requires understanding the system and the laws or regulations that may apply. These operating rules include all the rules required by OSHA, state OSHA and Santa Clara University. All operators need a copy of these Operating Rules and each operator must acknowledge them by signing that they have received a copy of these rules and understand them.

Training requires documentation. Undocumented training has the same basic legal effect as no training. The operator must acknowledge receipt of these rules for documentation to occur under OSHA, state OSHA and Santa Clara University requirements.

OPERATING RULES:

1. Only operators authorized by the management, and trained in the safe operation of the RSL rover will be permitted to operate and test such vehicle. Methods will be devised to train operators in safe operation of an off-road vehicle. A minimum of three trained operators must be present in order to perform testing.
2. Initial operating procedures must be performed at least once before commencing testing. Attention will be given to the proper functioning of tires, horn, lights, battery, controller, brakes, and steering mechanism. All emergency stop systems must be tested and checked to make sure they are all working as intended.
3. A minimum of 6 jacks must be used in the raising of the vehicle. Place these jacks in locations that distribute the weight of the vehicle equally. Apply some force to the side of the vehicle and shake it. The vehicle should stay securely on the jacks and hardly move.
4. A secondary safety measure must be implemented. Tether the car with a chain to either a secure spot on the ground or a spot in the testing area. This location must be able to withstand the force of the weight of the car and/or the movement. This failsafe system will only activate if the vehicle happens to fall off the jacks.
5. The testing area must be clear of any objects within 2 feet of the vehicle. The operators/testers need to be at least 6 feet away from the vehicle at all times when the throttle is being used. Have one of the operators making sure no bystanders are within 50 feet of the test area.
6. The vehicle will not exceed a speed of 8mph which is approximately 20% of full throttle.
7. **NO RIDERS WILL BE PERMITTED ON THE VEHICLE.** A person may not ride on the rover due to the possibly instability/shaking that may occur.