- 1) The device cannot be permanently attached to the trailer if it increases the height or width of the trailer.
- 2) If the device is separate from the trailer, it must be put together and taken apart using standard tools.
- 3) The parts of the device (if it needs to be disassembled) must only need 2 men (2 persons preferred) to lift.
- 4) The device must be able to be stored in and transported with the trailers.
- 5) The device must work on pavement, asphalt, dirt, or gravel.
- 6) The device must keep the roof level.
- 7) Disassembly of the device should only be required for storage.
- 8) The design may require modifications to the existing trailer.
- 9) The device must be able to handle being in extreme weather conditions (heat, rain, snow).
- A mechanical device is preferred (no power requirements, no hydraulic fluid).