

more stability

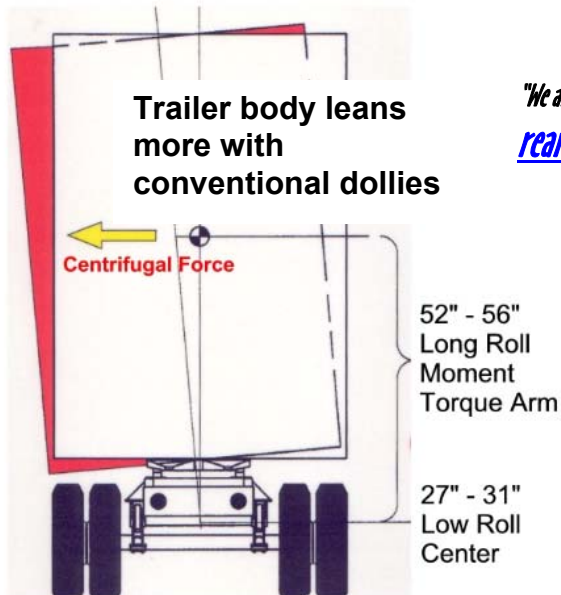
roll stability is vitally important to the safe operation of combination vehicles. Research demonstrates that the transverse spring design of the Eagle VA reduces the chance of trailer rollover.



*"The distance from the center of gravity down to the roll center is the leverage that the centrifugal force has on the suspension. **A higher roll center means less roll!**"* - C.B. Winkler
University of Michigan Transportation Research Institute



- ❑ **18% more stable**
- ❑ **Less "rearward amplification"** commonly called "crack the whip"
- ❑ **Less chance of rollover**



*"We are getting a lot of compliments from drivers. **They really like how stable the rear pup is** when on a Silver Eagle dolly."*

- Dan Umphress
American Freightways

*"They are more stable when hauling triples - **less trailer sway.**"*

- Larry Schultz
Motor Cargo

"For leaf-spring suspensions the height of the spring brackets sets the roll center."

- Chris B. Winkler
UMTRI



SILVER EAGLE

MANUFACTURING COMPANY

Larry Draper - VP Sales & Marketing - Direct Phone: (503) 335-2143 Cell Phone: (360) 901-9200

5825 NE Skyport Way - Portland, OR 97218 (800) 547-6792 FAX (503) 335-2171

Email: larry.draper@silvereagle.com