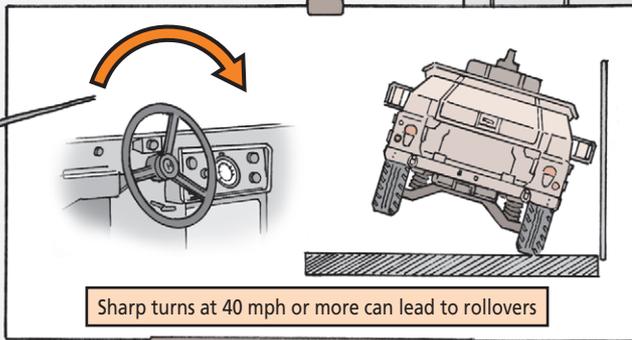


Up-armored HMMWVs...

# Preventing Rollovers

WHILE DRIVING OUTSIDE THE WIRE, YOU WANT TO GET WHERE YOU'RE GOING AS QUICKLY AS POSSIBLE!

BUT FOR UP-ARMORED HMMWVs, SHARP TURNS AT 40 MPH OR MORE CAN LEAD TO ROLLOVERS, AND YOU DON'T WANT THAT!



Sharp turns at 40 mph or more can lead to rollovers

HERE'S WHAT CONTRIBUTES TO ROLLOVERS...

- Cargo placed high in the vehicle
- Lack of driver experience and training
- Overloading
- Poor road conditions



BUT YOU CAN REDUCE POTENTIAL ROLLOVERS BY...

- Getting driver training
- Staying within recommended payloads
- Securing cargo as low as possible in the vehicle
- Reducing speed when you expect sharp maneuvers
- Maintaining tire pressures of 40 psi in front and 50 psi in rear tires
- Maintaining tire pressures of 50 psi in front and rear tires *when frag kit 5 is applied*
- Checking tire pressures when tires are cold (haven't been used in three hours)



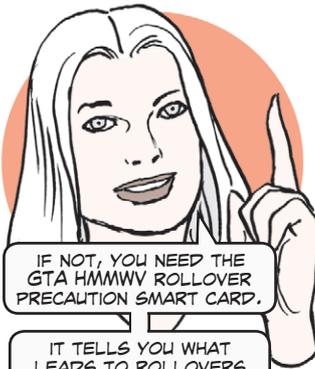
## Safe Stopping Distances

For up-armored HMMWVs, gross vehicle weight (GVW) is 12,100 pounds. That includes an unloaded vehicle plus four crew with basic gear. If your HMMWV has the frag kit 5, it is over the GVW by at least 1,000 pounds.

At GVW, allow 13 vehicle lengths to safely stop at 60 mph. And for GVW plus 2000 pounds (or 14,100 pounds), use 15 vehicle lengths for your stopping distance at 60 mph.

Note that increased overloading or road conditions such as sand, debris, gravel or rain will *increase* stopping distances.

OPERATORS, DO YOU KNOW HOW TO PREVENT ROLLOVERS?



IF NOT, YOU NEED THE GTA HMMWV ROLLOVER PRECAUTION SMART CARD.

IT TELLS YOU WHAT LEADS TO ROLLOVERS AND WHAT YOU CAN DO TO REDUCE THEM IN YOUR UP-ARMORED HMMWVs.

FOR MORE DETAILS, ACCESS THE GTA HMMWV ROLLOVER PRECAUTION SMART CARD ONLINE ON AKO.

OR DOWNLOAD IT FROM THE REIMER DIGITAL LIBRARY: <https://atiam.train.army.mil/soldierPortal/>



FROM THERE, CLICK ON THE RDL SERVICES TAB.

THEN SELECT GRAPHIC TRAINING AIDS UNDER "TYPE" AND TYPE IN 55-03-030 IN THE KEYWORD BLOCK.

CLICK SUBMIT AND GTA 55-03-030 SHOULD APPEAR.

THEN YOU CAN DOWNLOAD, PRINT, AND SAVE THE SMART CARD.

