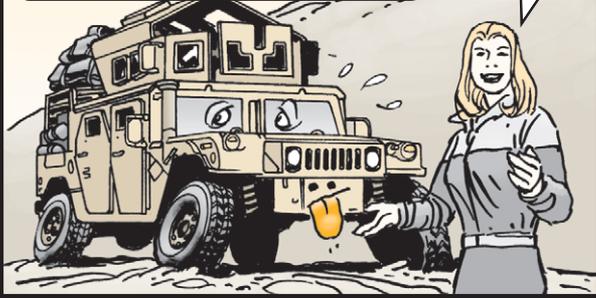


REDUCE ROLLOVER RISK

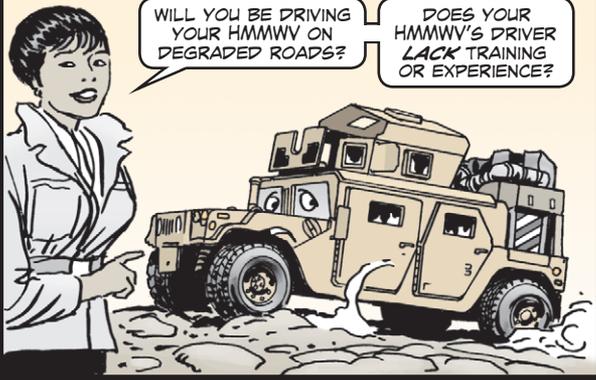
IS THE CARGO IN YOUR M1114, M1151A1, M1152A1, M1165A1, OR M1167 UP-ARMORED HMMWV WITH FRAG KITS (FKs) 5, 6, AND 7 PILED **TOO HIGH**?

IS YOUR TRUCK **OVER-LOADED**?



WILL YOU BE DRIVING YOUR HMMWV ON **DEGRADED** ROADS?

DOES YOUR HMMWV'S DRIVER **LACK** TRAINING OR EXPERIENCE?



IF YOU ANSWERED **YES** TO ANY OF THESE QUESTIONS...

...YOUR ROLLOVER RISK **RISES**.



YOU CAN **REDUCE** POTENTIAL ROLLOVERS IF YOU...

Reducing Risk

- Place and secure cargo as low as possible in the vehicle.
- Conduct driver's training.
- Stay within recommended payloads.
- Reduce speed before sharp turns or when road conditions are poor.
- Increase stopping distances when necessary, especially driving through sand, debris, gravel or rain.
- Check tire pressures when your HMMWV hasn't been driven for at least three hours.

Heavy Could Be Hazardous

AT THE BASIC GROSS VEHICLE WEIGHT (GVW) - 12,100 POUNDS - RAPID STEERING INCREASES THE LIKELIHOOD OF A ROLLOVER AT SPEEDS AS LOW AS 35 MPH IN YOUR M1114, M1151A1, M1152A1, M1165A1, AND M1167.

GVW IS BASED ON AN **UNLOADED** VEHICLE WITH A PAYLOAD OF FOUR CREW MEMBERS WITH BASIC GEAR.



FK 5 ADDS 3,000 POUNDS TO THE GVW; FKs 5 AND 7 ADD 4,000 POUNDS; AND FKs 5 AND 6 ADD 5,000 POUNDS.



THE PRESENCE OF SAND, DEBRIS, GRAVEL AND RAIN REDUCE THE STABILITY OF HEAVIER HMMWVS EVEN MORE.



Tire Pressure Formulas for Reduced Rollovers!



TAKE NOTES! THIS IS GOOD STUFF HERE!!

HMMWVS WITH FK 5 **PLUS** LOAD RANGE D TIRES/WHEELS EQUALS 50 PSI FRONT/50 PSI REAR TIRE PRESSURES

HMMWVS WITH FK 6 OR 7 **PLUS** LOAD RANGE D TIRES/WHEELS EQUALS **NO GO!** (THIS IS NEVER ALLOWED.)

HMMWVS WITHOUT FKs **PLUS** LOAD RANGE D OR LOAD RANGE E EQUALS 40 PSI FRONT/50 PSI REAR TIRE PRESSURES

HMMWVS WITH FKs 5, 6, OR 7 **PLUS** LOAD RANGE E WHEELS EQUALS 50 PSI FRONT/65 PSI REAR TIRE PRESSURES

Increase Braking Distance

At 50 mph on smooth, dry pavement, an M1114, M1151A1, M1152A1, M1165A1, or M1167 HMMWV with FKs 5, 6, or 7 has a braking distance up to 14 vehicle lengths. At GVW, the braking distance is ten vehicle lengths. Of course, increased loads and potentially hazardous road conditions further increase stopping distances.

Get more info on this by accessing the related rollover prevention smart card on AKO: <https://www.us.army.mil/suite/collaboration/GetDocument.do?doid=17249275>

BOTTOM LINE IS, USE EXTRA CAUTION AND THE GUIDELINES WE JUST GAVE YOU WHEN BEHIND THE WHEEL OF YOUR UP-ARMORED HMMWVS WITH FK 5, 6, 7, OR ANY COMBINATION.

THAT SHOULD HELP KEEP YOU AND YOUR BUDDIES SAFER-AND HOPEFULLY, ROLLOVER-FREE.



SMART CARD / GTA Frag Kit 5 / Frag Kit 6 / Frag Kit 7

WARNING
 All Gross Vehicle Weight (GVW) rapid steering action increases your likelihood of a Roll-over if exceeds as low as 35 MPH for M1114/M1151A1/M1152A1/M1165A1/M1167 w/ FK5, FK6, FK7
 GVW = 12,100 lbs.
 GVW in an Unloaded vehicle plus 4 crew with basic gear!
 FK5 vehicle with payload exceeds GVW by at least 3000 lbs.
 FK6 + FK7 vehicle with payload exceeds GVW by at least 6000 lbs.
 FK5 + FK6 vehicle with payload exceeds GVW by at least 5000 lbs.
 Road conditions such as sand, debris, gravel or rain will further reduce stability.

CONTRIBUTING FACTORS TO ROLL-OVER
 *** Cargo placed high in vehicle *** Drivers Impairment / Lack of Training ***
 *** Overloading *** Degraded Road Conditions ***

ACTIONS TO REDUCE POTENTIAL ROLL-OVER
 *** Place and Secure Cargo as low as possible in the vehicle ***
 *** Conduct Driver's Training *** Stay Within Recommended Payloads ***
 *** Reduce Speed when Anticipating a Rapid Maneuver or when Road Conditions are Degraded ***
 Vehicles w/ FK5 + Load Range D Tires/Wholes - Tire Pressure of 50 psi front / 65 psi rear
 Vehicles w/ FK6 or FK7 + Load Range D Tires/Wholes - NEVER PERMITTED!
 Vehicles without FK5 + Load Range E or Load Range E - 50 psi front / 65 psi rear
 Vehicles w/ FK5, FK6, or FK7 + Load Range E Wholes - Tire Pressures of 50 psi front / 65 psi rear
 *** Check Tire Pressures when Tires are Cold (have not been driven on for at least 3 hours) ***

GVW	Braking Distance on Dry Pavement			
	GVW	GVW	GVW	GVW
12,100	10.0	10.0	10.0	10.0
14,100	10.0	10.0	10.0	10.0
16,100	10.0	10.0	10.0	10.0
18,100	10.0	10.0	10.0	10.0
20,100	10.0	10.0	10.0	10.0
22,100	10.0	10.0	10.0	10.0
24,100	10.0	10.0	10.0	10.0
26,100	10.0	10.0	10.0	10.0
28,100	10.0	10.0	10.0	10.0
30,100	10.0	10.0	10.0	10.0

WARNING: At 50 MPH on smooth dry pavement an overloaded M1114/M1151A1/M1152A1/M1165A1/M1167 has a braking distance up to 14 vehicle lengths, compared to 10 vehicle lengths at GVW.
 Increased overload and/or road conditions such as sand, debris, gravel or rain will further increase stopping distances significantly.
CAUTION: Commanders must assess risk when vehicles are overloaded, or cargo is placed high in the vehicle, or traveling at speeds in excess of 50 MPH.
 Rated GVW is 12,100 pounds.

M1114/M1151A1/M1152A1/M1165A1/M1167
 HMMWV
 ROLL-OVER PRECAUTION
 SMART CARD FK5/FK6/FK7 **PS END**

M1117 ASV/Supply Management...

DON'T WAIT! CHECK THE PLATE

