

Division East  
ATV SAFETY

- Task- Conduct ATV Safety Training
  
- Conditions- Assigned/Attached personnel will review ATV Safety Power Point. Training will be verified and tracked by sign-in training roster.
  
- Standard
  - Review ATV Loss Video Found in AKO Division East Safety-Winter Safety Campaign-ATV Safety-ATV Loss
  - Review ATV Statistics
  - ATV accident causes
  - DOD Regulation on ATV PPE
  - ATV Age and appropriate engine size
  - ATV Safety Strategies

# ATV Safety

All-terrain vehicles (ATV's) are widely used in a variety of outdoor activities including **recreational trail riding, farm and agricultural use, industry (oil and gas) and in competitive riding.** Riding safely requires the operator to take responsibility for his or her own riding abilities, the environment and the capabilities of the ATV. ATV users must **respect the property owner, the environment, wildlife, and the law.** ATV's are fun to drive, however, they are not toys. These vehicles have a wide range of use and offer many different engine sizes. These vehicles must be driven with respect and caution.

Operators should be aware of the risk and hazards of riding an ATV. Many of these hazards can be avoided by using common sense and operating the ATV in accordance with manufactures guidelines. ATV riders, who understand their ATV, know the environment, and the inherent risk of operating ATV's will likely be safer. A large numbers of crashes are due to poor judgment and decision making

# ATV Statistics

- 111,700 injuries
- 16.3 million drivers
- 22.9 million riders
- 5.6 million ATVs
- 6.8 injuries per 1000 drivers
- 20.0 injuries per 1000 ATVs

Using a helmet can save the lives of about 25% of the people who die from head injuries in ATV-related crashes.

# Reckless or Careless Operation

- Operators may not operate an ATV in a careless or reckless manner that endangers, injures or damages any person or property

# Carrying Passengers

- A person may not carry a passenger on an ATV on public property unless the ATV is designed by the manufacturer to transport a passenger.

# DOD PPE Requirements

*The following PPE is mandatory for the following personnel while operating or riding as a passenger on a motorcycle, moped, or ATV: all Army military personnel at any time, on or off a DOD installation; all Army civilian personnel in a duty status, on or off a DOD installation; all personnel in or on a DOD–owned motorcycle; and all persons at any time on an Army installation.*

- (1) Helmets, certified to meet DOT standards, must be properly fastened under the chin. Outside CONUS riders may wear HN helmets if the helmet meets or exceeds U.S. DOT standards.
- (2) Impact or shatter resistant goggles, wraparound glasses, or full face shield properly attached to the helmet must meet or exceed ANSI Safety Code Z87.1, for impact and shatter resistance. A windshield alone is not proper eye protection.
- (3) Sturdy footwear, leather boots or over the ankle shoes must be worn.
- (4) A long sleeved shirt or jacket, long trousers, and full fingered gloves or mittens designed for use on a motorcycle must be worn.
- (5) For on–road operations, a brightly colored, outer upper garment during the day and a reflective upper garment during the night. Military uniforms do not meet this criterion. The outer garment shall be clearly visible and not covered. Items may be worn on top of the outer garment, but they must meet the same visibility requirements of the outer upper garment.
- (6) During off-road operations, operators and riders must use additional PPE, such as knee and shin guards and padded full fingered gloves.
- (7) Installation commanders will ensure motorcycle operators, when entering the installation, are properly licensed, have successfully completed a motorcycle rider course, and are wearing the required personal motorcycle safety equipment.

# Common ATV-related Injuries

Many people have become paralyzed or suffer severe injuries as a result of ATV crashes. Common ATV-related injuries include broken arms and legs, head injuries, bruises and cuts. More serious and often fatal injuries include severe head, neck, spinal, chest and abdominal injuries. The proper use of personal safety equipment, proper ATV rider training and common sense riding will lessen your chances of a serious or deadly ATV incident.

A common acronym used as a strategy to help reduce risk is:

## ***SIPDE***

**S**can, Search the terrain and environment

**I**dentify hazards or problems in your path

**P**redict what may happen and think of the consequences

**D**ecide what to do based on riding abilities and capabilities of your ATV

**E**xecute your decision

# ***TREAD***

***T***Travel only where motorized vehicles are permitted.

***R***Respect the rights of others.

***E***Educate yourself by following the law regulating ATV use and by asking landowners permission before crossing their land.

***A***Avoid streams, lake shores, meadows, muddy roads and trails, steep hillsides, wildlife and livestock.

***D***Driving (operating) responsibly to protect the environment and preserve opportunities to enjoy riding.

# ATV Safety Strategies

- Always wear protective helmet and other protective gear.
- Never operate an ATV without proper training.
- Never carry a passenger, unless ATV is manufacture approved for passenger.
- Never use alcohol or drugs when operating an ATV.
- Never carry a loaded weapon on the ATV
- Never fire a firearm from an ATV, it is illegal.
- Avoid riding on public roads or paved surfaces.
- Ride only an ATV appropriate for you age and size.
- Avoid riding an ATV where you do not feel comfortable.
- Children under age 16 should operate an ATV that is appropriate for their age.
- Parents and adults should be role models for children.

# Recommended ATV Sizes for Different Age Groups

<u>ATV Size</u>	<u>Minimum Age</u>
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Under 70cc	Six years and older
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70 – 90 cc	12 years and older
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Over 90cc	16 years and older
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# ATV Safety Inspection

A safety inspection of the ATV should be completed before each ride. All electrical equipment (lights, safety ignition switch and battery) should be in working condition; if not they should be fixed before riding. The vehicle oil, fuel, tire pressure and brakes should also be checked and repaired if not in proper working condition.

## Pre-Ride Inspection: *TCLOC*

*T*ires and Wheels

**C**ontrols and Cables

*L*ights and Electrical Equipment

**O**il and Fuel

**C**hain, Drive Shaft and Chassis

Before starting an ATV, follow the mnemonic

## ***BONEC***

***B***reaks: Always have the parking brake on.

***O***n: Ignition switch in the on position

***N***eutral: Place the transmission in neutral position.

***E***ngine: Stop switch must be in the run or start position

***C***hoke: If the engine is cold, put the choke in the on position.

When riding an ATV, it is a good idea to take along a first-aid, survival and tool kit. It is best to be prepared for the unpredictable.

### First Aid and Survival Kit

Band aids	Map
Cold packs	Water
Gauze	Water purification tablets
Antiseptic wipes	Extra clothes for changing weather conditions
Signal flare	
Cell phone	
Compass	Tool kit

### Spare parts such as

Spark plug	Duct and electrical tape
Spare bulbs	Knife
Tire repair kit	Nuts and bolts
Filter	Tow strap
Mechanical wire	Extra oil and fuel