UNCONVENTIONAL VEHICLES

Kathy Corrigan, Chief
Titling Support and Dealer Licensing
**Defined as (current):**

means any vehicle, including mobile homes and recreational vehicles, that is propelled or drawn by power other than muscular power or power collected from overhead electric trolley wires. "Motor vehicle" does not include utility vehicles as defined in division (VV) of this section, motorized bicycles, road rollers, traction engines, power shovels, power cranes, and other equipment used in construction work and not designed for or employed in general highway transportation...

**Defined as (2017):**

means any vehicle, including mobile homes and recreational vehicles, that is propelled or drawn by power other than muscular power or power collected from overhead electric trolley wires. "Motor vehicle" does not include utility vehicles as defined in division (VV) of this section, *under-speed vehicles as defined in division (XX) of this section, mini-trucks as defined in division (BBB) of this section, motorized bicycles, road rollers, traction engines, power shovels, power cranes, and other equipment used in construction work and not designed for or employed in general highway transportation...*

* Red denotes the changes in statute
Defined as (current):

means any vehicle having either two tandem wheels or one wheel in the front and two wheels in the rear, that is capable of being pedaled and is equipped with a helper motor of not more than fifty cubic centimeters piston displacement that produces no more than one brake horsepower and is capable of propelling the vehicle at a speed of no greater than twenty miles per hour on a level surface.

Defined as (2017):

or *"moped" means any vehicle that either has two tandem wheels or one wheel in the front and two wheels in the rear, that may be pedaled, and that is equipped with a helper motor of not more than fifty cubic centimeters piston displacement that produces no more than one brake horsepower and is capable of propelling the vehicle at a speed of no greater than twenty miles per hour on a level surface.

* Red denotes the changes in statute
Defined as (current):

means every motor vehicle, other than a tractor, having a seat or saddle for the use of the operator and designed to travel on not more than three wheels in contact with the ground, including, but not limited to, motor vehicles known as "motor-driven cycle," "motor scooter," or "motorcycle" without regard to weight or brake horsepower.

Defined as (2017):

means every motor vehicle, other than a tractor, having a seat or saddle for the use of the operator and designed to travel on not more than three wheels in contact with the ground, including, but not limited to, motor vehicles known as "motor-driven cycle," "motor scooter," "cab-enclosed motorcycle," or "motorcycle" without regard to weight or brake horsepower.

* Red denotes the changes in statute
Defined as:

“All-purpose vehicle” (APV) means any self-propelled vehicle *designed primarily for cross-country travel on land and water, or on more than one type of terrain, and steered by wheels or caterpillar treads, or any combination thereof, including vehicles that operate on a cushion of air, vehicles commonly known as all-terrain vehicles, all-season vehicles, mini-bikes, and trail bikes. "All-purpose vehicle" does not include a utility vehicle as defined in section 4501.01 of the Revised Code or any vehicle principally used in playing golf, any motor vehicle or aircraft required to be registered under Chapter 4503. or 4561. of the Revised Code, and any vehicle excepted from definition as a motor vehicle by division (B) of section 4501.01 of the Revised Code.

Defined as:

"Utility vehicle” (UV) means a self-propelled *vehicle designed with a bed, principally for the purpose of transporting material or cargo in connection with construction, agricultural, forestry, grounds maintenance, lawn and garden, materials handling, or similar activities. "Utility vehicle" includes a vehicle with a maximum attainable speed of twenty miles per hour or less that is used exclusively within the boundaries of state parks by state park employees or volunteers for the operation or maintenance of state park facilities.

* Underlined denotes the characteristics of the APV and UV  ** blue denotes specific characteristic stated in code
WHAT AM I?

APV OR UV?
TRUTH IS...

UV = APV
According to John Deere, not with load capacity to make a pickup truck envious, muscle to rip through mud, and backbone to get the job done whether in a barb-wired pasture in Montana or a construction site in NYC.

Ride over challenging terrain and excellent handling through corners.
NEW VEHICLE TYPES
EFFECTIVE 1/1/2017

VEHICLE TYPE

UTILITY VEHICLE

DESCRIPTION

• 3 or 4 wheels
• Attainable speed between 20 and 25 mph
• *GVWR less than 3,000 lbs

OPERATIONAL RESTRICTIONS

• Cannot be operated on a street or highway w/a speed limit greater than 35 mph (except to cross a street w/a greater speed)
• May not be used for the on-road portion of a driving test

Specifications

Seating Capacity
Dry Weight (without batteries)
Curb Weight
Vehicle Load Capacity
Outside Clearance Circle
Ground Speed (level ground)
Towing Capacity

2-person
675 lb (310 kg)
1040 lb (472 kg)
800 lb (360 kg)
18.9 ft (5.76 m)
13 mph ± 0.5 mph (21 kph ± 0.8 kph)
500 lb (230 kg)

* Gross Vehicle Weight Rating
NEW VEHICLE TYPES
EFFECTIVE 1/1/2017 (currently no code but policy)

VEHICLE TYPE

LOW-SPEED

DESCRIPTION

• 3 or 4 wheels
• Attainable speed between 20 and 25 mph
• *GVWR less than 3,000 lbs

OPERATIONAL RESTRICTIONS

• Cannot be operated on a street or highway w/a speed limit greater than 35 mph (except to cross a street w/a greater speed)
• May not be used for the on-road portion of a driving test
• Example: a modified golf cart

Specifications

Overall Length 124 inches
Overall Width 51 inches
Height to top of windshield 55 inches
Wheelbase 78 inches
Ground Clearance 7.2 inches
Weight 541 lbs.
Forward Speed 19 MPH

* Gross Vehicle Weight Rating
NEW VEHICLE TYPES
EFFECTIVE 1/1/2017 (currently no code but policy)

VEHICLE TYPE

UNDER-SPEED

DESCRIPTION

• 3 or 4 wheels
• Attainable speed not more than 20 mph
• *GVWR less than 3,000 lbs

OPERATIONAL RESTRICTIONS

• Cannot be operated on a street or highway unless (1) authorized by a local jurisdiction and (2) on a street or highway w/a speed limit greater than 35 mph (except to cross a street w/a greater speed)
• May not be used for the on-road portion of a driving test
• Example: unmodified golf cart and utility vehicle

PERFORMANCE
MAX FORWARD SPEED 15 mph (24 km/h)
MAX REVERSE SPEED 10 mph (16 km/h)
TURNING RADIUS 9.2 ft (2.8 m)

* Gross Vehicle Weight Rating
### MOTOR-DRIVEN CYCLE OR MOTOR SCOOTER

**Effective 1/1/2017**

<table>
<thead>
<tr>
<th>VEHICLE TYPE</th>
<th>DESCRIPTION</th>
<th>OPERATIONAL RESTRICTIONS</th>
</tr>
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</table>
| MOTOR-DRIVEN CYCLE / MOTOR SCOOTER | • Not more than 3 wheels  
• Driver’s seat and floor pad for feet  
• Specified motor size capable of more than 20 mph | • Cannot be operated on a street or highway w/a speed limit greater than 45 mph (except to cross a street w/a greater speed)  
• May not be used for the on-road portion of a driving test |

### Specifications

- **Engine Size:** 49 cc
- **Transmission:** Fully Automatic
- **HP:** 3.5
- **Top Speed:** 30-35
<table>
<thead>
<tr>
<th>VEHICLE TYPE</th>
<th>DESCRIPTION</th>
<th>OPERATIONAL RESTRICTIONS</th>
</tr>
</thead>
</table>
| CAB-ENCLOSED MOTORCYCLE | • Not more than 3 wheels  
• Seat or saddle for operator  
• Occupant compartment top (may be removed) | • Except in regard to operation w/a temporary instruction permit, not subject to otherwise applicable requirements related to wearing a helmet and safety glasses or other eye protection |

**The C-1** will have a top speed of 100+ mph (160+ kph), 0-60 mph (0-100 kph) in <6 seconds, and a range of 200 miles (320 km) per charge.  
**Dimensions:**  800 lbs. (360 kg) curb weight, 112" (2.8 m) long, 55" (1.4 m) tall, 40" (1 m) wide.  
*As we are not yet at production, all figures are best estimates.*
# MINI-TRUCK

**Effective 1/1/2017**

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<th>Vehicle Type</th>
<th>Description</th>
<th>Operational Restrictions</th>
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| MINI-TRUCK   | • 4 wheels, w/an enclosed cab and seat, cargo bed, not manufactured to federal motor vehicle standards  
• Propelled by an electric motor of a specified size  
• Dry weight of 900 to 2,200 pounds | • May use on public roads and rights-of-way only when traveling from one farm field to another; generally must be on a berm or shoulder |

**Specifications**

- **Engine Size:** 3 cylinder
- **Transmission:** Manual
- **Weight Capacity (dry):** 1500
- **Top Speed:** 60mph (25mph w/Governor)
Man dies after two ATVs crash

By Holly Zachariah
The Columbus Dispatch Monday September 2, 2013 6:05 AM

A Scioto County man died early yesterday after the all-terrain vehicle he was driving on a southern Ohio road crashed into another ATV.

William Baker, 43, and Michael Hertenstein, whose age was not available, were both driving Honda ATVs on Arion Road in Scioto County’s Union Township when they crashed just after 1:30 a.m., the Portsmouth Post of the State Highway Patrol said.

Both drivers were thrown from the ATVs, and Baker, who is from McDermott, died at the scene, the patrol said.

Hertenstein and a passenger both had minor injuries but refused treatment, the patrol said.

It is the latest in a string of fatal ATV crashes in southern and southeastern Ohio, prompting the patrol to issue recent safety warnings and a reminder that it is illegal to drive all-terrain vehicles on a roadway.

On Aug. 26, a 12-year-old Meigs County boy died when his ATV collided with a car. In June, a 49-year-old man died in an ATV crash in Gallia County and last December, a 24-year-old man died in Meigs County when his ATV veered into the path of an oncoming car.

hzachariah@dispatch.com

There are many dangers to unconventional vehicles/motorcycles and the number of accidents tend to rise each year.

SAFETY IS OUR #1 PRIORITY!!
<table>
<thead>
<tr>
<th>Unit Type</th>
<th>Fatal Crashes</th>
<th>Injury Crashes</th>
<th>Property Damage</th>
<th>Unknown Crashes</th>
<th>Total</th>
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<tr>
<td>Motorized Bicycle</td>
<td>1</td>
<td>60</td>
<td>21</td>
<td>2</td>
<td>84</td>
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<td>Snowmobile /ATV</td>
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<td>10</td>
<td>11</td>
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<td>22</td>
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<tr>
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<td>538</td>
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<td>3,436</td>
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## 2011

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<th>Injury Crashes</th>
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FINAL STATEMENT

DRIVE RESPONSIBLY!

QUESTIONS