



Rules, regulations & indemnity for:

Acorn Drone Flying & Shooting Range

Goedehoop 3 (NHSA-UR Range)

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ACORN DRONE FLYING

IMPORTANT INFO

What you need to know to fly your drone in RSA.

Regulations applying to private use.

If you're only interested in flying your drone for private use (no commercial interest, outcome or gain), you won't need to register the drone or obtain any licences, but the South African Civil Aviation Authority (SACAA) Remotely Piloted Aircraft System (RPAS) **Part 101 Regulations** still apply.

What?

You're allowed to fly a drone that weighs up to 7 kg, which shouldn't be a problem as hobby drones only weigh up to about 1.5 kg. Unsurprisingly, the drone may not carry any passengers or transport cargo.

When?

Apart from not being allowed to fly at night, be sure to keep an eye out for bad weather such as strong winds, rain or fog – let your common sense guide you. And in case you were wondering, you're not allowed to drink and drive/fly.

How high and how far?

You may fly in Restricted Visual Line of Sight (R-VLOS) only, which means that you must always maintain a direct line of sight with the drone.

Max distance:

The drone may fly up to 500 m away from the pilot whilst maintaining a direct line of sight.

Max height:

The drone may not fly higher than 120 m (400 ft) from the ground and it must stay below the height of the highest obstacle within 300 m of the pilot.

Where?

This is where it gets tricky. In a nutshell, you must keep more than **50 m from people, roads and buildings**, and you need explicit permission to fly over other people's **properties**. You must steer clear from (and within 10 km from) **airports/aerodromes** and respect other people's privacy by not flying into or over their properties without permission – note that it may constitute trespassing. There are many more **No Fly Zones (NFZ)** in South Africa that you need to take note of. Do yourself a favour and look these up – it's better being safe than sorry. The NFZs include prisons, police stations, crime scenes, courts of law, nuclear power plants, and National Key Points or Strategic installations like the Union Buildings Presidency in Pretoria. Other **prohibited air spaces** include restricted (FAR), danger (FAD) and environmental (FAP) areas such as SAN Parks which, in terms of the NEMA Protected Areas Act, state that "it is illegal to fly below 2500 ft above the highest point of any national park, with any aircraft/drone without the express permission of the Management Authority of the particular National Park". This is because some sightseers use their drones to disturb or chase wild animals. Only drones used for wildlife conservation and research purposes are allowed, subject to special permission. And no



matter how good it looks, remember that you cannot fly your drone in a swarm like Lady Gaga's Super Bowl drone show. Any hobby drone pilot who fails to adhere to these regulations may receive a 10-year prison sentence or a fine of up to R50 000, or both.

REGULATIONS

South African Drone Laws 2018:

(As stipulated by the South African Civil Aviation Authority (SACAA))

7 Most Important Rules

For personal use only – no commercial outcome.

1. Only fly over property you own or have permission to fly over.
2. Keep line of sight with the drone 121 m or 400 feet height above ground level unless you hold a ROC and it is approved by SACAA.
3. Do not fly in any manner to cause obstruction or danger to any nearby persons or objects.
4. Do not fly within 50m of any buildings, schools, hospitals or public spaces.
5. Do not fly within 10km radius of any nearby airports.
6. Only fly during daylight hours, with clear visibility.
7. That was keeping the most important rules for flying your RPAS (Remotely Piloted Aircraft System) simple.



ACORN DRONE FLYING

OUR GUIDELINES

- Tariff: R200 per pilot for duration of stay on Acorn Guest Farm.
- A copy of our guidelines and the indemnity form must be read through and signed upon registration at Reception at our Stalle facility.
- Flying times are restricted to the hours between 06H00 and 18H00 daily. Please refrain from flying in poor visibility due to fog etc.
- As per The South African Civil Aviation Authority's regulations no night-time flying is allowed.
That is: drone flight is restricted to daytime.
- Flight is restricted to the 4 designated spots. A map on which the launching spots are marked will be available at Reception. The information is also available on Google Earth.
- Please restrict your flight to the boundaries of the farm (see the map). If your drone crosses the farm's boundaries and is shot down by the neighbouring farmers, the loss will be on your account.
- Please stay clear of all homesteads, farm labourers' accommodation, the Stalle and Guesthouse.
- Please respect our farm animals and wildlife by not disturbing them. No low flying over any animals will be permitted.
- Respect other drone pilots, guests on the farm, farm personnel, neighbours and any other visitors or residents.
- No smoking, alcohol or fires are allowed at the Drone Launching sites. Please leave the launching sites in the same condition you found it in.



ACORN DRONE FLYING

INDEMNITY

Acorn Guest Farm.

Acorn Drone Flying on the Farms Goedehoop & Twyfelaar, Carolina.

I (full names) do hereby acknowledge, understand, agree to and accept the following:

1. That **“(Acorn Drone Flying)”** is controlled by Acorn Guest Farm and as such I agree to obey the rules and regulations laid down by the Acorn Guest Farm management and SACAA.
2. I acknowledge that Drone Flying can be harmful to other persons and their privacy.
3. I accept that I participate in any Drone Flying activities, either as an observer or as a participant entirely at my own risk.
4. I hereby indemnify Acorn Guest Farm their management, agents, personnel or representatives and hold them harmless in respect of any claim whatever, arising out of any injury or death or damage to property which I or anyone else may suffer as a result of any act or omission by the above, its agents or assigns, whether such act or omission is negligent or not.
5. I confirm that this indemnity is binding on me, my estate, executors, dependents, children or assigns.
6. I have familiarized myself with the Drone Flying guidelines set by Acorn Drone Flying and the SACAA rules as stated in the Acorn Drone Flying Guidelines and posted at **marked launching sites**.

ID Number:

Full names: (Please Print)

Surname: (Please Print)

Signed at:

Date:



ACORN SHOOTING RANGE

OUR GUIDELINES

Goedehoop-3 (NHSA UR-range)

- Tariff: R200 per shooter per weekend.
- A copy of our **Range Rules** and the **Indemnity** form must be read through and signed upon registration at Reception at our Stalle facility.
- Always adhere to shooting range safety rules.
- Shooting Range operating hours:
 - Friday – Sunday
 - 10H00-12H00
 - 14H00-15H30
- Dedicated Range Officer has to be present at all times.
- Always adhere to safety laid down by the range officer.



FIREARMS SAFETY

Goedehoop-3 (NHSA UR-range)

While you're at the shooting range or anywhere else you should always handle a firearm safely.

Safety ALWAYS comes first!

There are 5 Rules of Firearms Safety and the first four are the big ones.

RULE 1: ALWAYS KEEP THE MUZZLE POINTED IN A SAFE DIRECTION

This is the most basic safety rule. If everyone handled a firearm so carefully that the muzzle never pointed at something they didn't intend to shoot, there would be virtually no firearms accidents. It's as simple as that, and it's up to you.

Never point your gun at anything you do not intend to shoot. This is particularly important when loading or unloading a firearm. In the event of an accidental discharge, no injury can occur as long as the muzzle is pointing in a safe direction.

A safe direction means a direction in which a bullet cannot possibly strike anyone, taking into account possible ricochets and the fact that bullets can penetrate walls and ceilings. The safe direction may be "up" on some occasions or "down" on others, but never at anyone or anything not intended as a target. Even when "dry firing" with an unloaded gun, you should never point the gun at an unsafe target.

Make it a habit to know exactly where the muzzle of your gun is pointing at all times, and be sure that you are in control of the direction in which the muzzle is pointing, even if you fall or stumble. This is your responsibility, and only you can control it.

RULE 2: FIREARMS SHOULD BE UNLOADED WHEN NOT ACTUALLY IN USE

Firearms should be loaded only when you are in the field or on the target range or shooting area, ready to shoot. When not in use, firearms and ammunition should be secured in a safe place, separate from each other. It is your responsibility to prevent children and unauthorized adults from gaining access to firearms or ammunition.

Unload your gun as soon as you are finished. A loaded gun has no place in or near a car, truck or building. Unload your gun immediately when you have finished shooting, well before you bring it into a car, camp or home.

Whenever you handle a firearm or hand it to someone, always open the action immediately, and visually check the chamber, receiver and magazine to be certain they do not contain any ammunition. Always keep actions open when not in use. Never assume a gun is unloaded — check for yourself! This is considered a mark of an experienced gun handler!

Never cross a fence, climb a tree or perform any awkward action with a loaded gun. While in the field, there will be times when common sense and the basic rules of firearms safety will require you to unload your gun for maximum safety. Never pull or push a loaded firearm toward yourself or another person. There is never any excuse to carry a loaded gun in a scabbard, a holster not being worn or a gun case. When in doubt, unload your gun!

RULE 3: DON'T RELY ON YOUR GUN'S "SAFETY"

Treat every gun as though it can fire at any time. The "safety" on any gun is a mechanical device which, like any such device, can become inoperable at the worst possible time. Besides, by mistake, the safety may be "off" when you think it is "on." The safety serves as a supplement to proper gun



handling but cannot possibly serve as a substitute for common sense. You should never handle a gun carelessly and assume that the gun won't fire just because the "safety is on."

Never touch the trigger on a firearm until you actually intend to shoot. Keep your fingers away from the trigger while loading or unloading. Never pull the trigger on any firearm with the safety on the "safe" position or anywhere in between "safe" and "fire." It is possible that the gun can fire at any time, or even later when you release the safety, without you ever touching the trigger again.

Never place the safety in between positions, since half-safe is unsafe. Keep the safety "on" until you are absolutely ready to fire.

Regardless of the position of the safety, any blow or jar strong enough to actuate the firing mechanism of a gun can cause it to fire. This can happen even if the trigger is not touched, such as when a gun is dropped. Never rest a loaded gun against any object because there is always the possibility that it will be jarred or slide from its position and fall with sufficient force to discharge. The only time you can be absolutely certain that a gun cannot fire is when the action is open and it is completely empty. Again, never rely on your gun's safety. You and the safe gun handling procedures you have learned are your gun's primary safeties.

RULE 4: BE SURE OF YOUR TARGET AND WHAT'S BEYOND IT

No one can call a shot back. Once a gun fires, you have given up all control over where the shot will go or what it will strike. Don't shoot unless you know exactly what your shot is going to strike. Be sure that your bullet will not injure anyone or anything beyond your target. Firing at a movement or a noise without being absolutely certain of what you are shooting at constitutes disregard for the safety of others. No target is so important that you cannot take the time before you pull the trigger to be absolutely certain of your target and where your shot will stop.

Be aware that even a 22 short bullet can travel over 1 1/4 miles and a high velocity cartridge, such as a 30-06, can send its bullet more than 3 miles. Shotgun pellets can travel 500 yards, and shotgun slugs have a range of over half a mile.

You should keep in mind how far a bullet will travel if it misses your intended target or ricochets in another direction.

RULE 5: IF YOUR GUN FAILS TO FIRE WHEN THE TRIGGER IS PULLED, HANDLE WITH CARE!

Occasionally, a cartridge may not fire when the trigger is pulled. If this occurs, keep the muzzle pointed in a safe direction. Keep your face away from the breech. Then, carefully open the action, unload the firearm and dispose of the cartridge in a safe way.

Any time there is a cartridge in the chamber, your gun is loaded and ready to fire even if you've tried to shoot and it did not go off. It could go off at any time, so you must always remember Rule #1 and watch that muzzle!

Discharging firearms in poorly ventilated areas, cleaning firearms or handling ammunition may result in exposure to lead and other substances known to cause birth defects, reproductive harm and other serious physical injury. Have adequate ventilation at all times. Wash hands thoroughly after exposure.

Don't be timid when it comes to gun safety. If you observe anyone violating any safety precautions, you have an obligation to insist on safer handling practices, such as those on this site.

Follow the safety procedures outlined here, develop safe shooting habits, and remember, firearms safety is up to you.

MAKE NO MISTAKE ABOUT IT!



ACORN SHOOTING RANGE

RANGE RULES

1. The Range Officer has complete authority on the range.
 2. Only point a firearm at that which you wish to see destroyed.
 3. Only point a gun down-range when firing in line.
 4. If a shooter has a malfunction on the firing line, which he cannot readily clear, he shall keep the weapon pointed down range and indicate to the Range Officer by raising his weak hand.
 5. No liquor or drugs or anyone under the influence thereof is allowed on the range or its precincts.
 6. Non-shooters are to remain 10m behind the line.
 7. No children or pets allowed on the ranges. Children wishing to shoot must get the permission from the Range Officer and then may shoot under direct supervision of an adult or responsible person.
 8. Shooters on the line must wear ear and eye protection.
 9. No loaded guns, not in carry case or gun bag, no cleaning of any rifle or handgun are allowed on premises, no other shooting of any nature are allowed anywhere on the farm.
 10. No shooting of any animals are allowed.
 11. No shooting allowed at bottles, stones, cans or foreign objects. Shooting may only be at official targets and target frames approved by Acorn Guest Farm.
 12. All new rifles must be sighted in at 50m before shooting commences.
 13. No person may use the **Goedehoop-3 (NHSA UR-baan/range)** and facilities unless the above rules are adhered to.
- Please sign that you have read and understood the rules and that you will adhere to rules at all times.

ID Number:

Full names: (Please Print)

Surname: (Please Print)

Signed at:

Date:



ACORN SHOOTING RANGE

INDEMNITY

Goedehoop-3 (NHSA UR-baan/range)

Revision 2 Dated 15 May 2019

I (full names) as a shooter spectator do hereby acknowledge, understand, agree to and accept the following:

1. That the “**Goedehoop-3 (NHSA UR-baan/range)**” is controlled by Acorn Guest Farm and as such I agree to obey the rules and regulations laid down by the range.
2. I acknowledge that the ranges by their **very nature are potentially hazardous and a high risk area**.
3. I accept that I participate in any shooting activities, either as an observer or as a participant entirely at my own risk.
4. I hereby indemnify the , **Goedehoop-3 (NHSA UR-baan/range)**, their committee, agents, personnel or representatives and hold them harmless in respect of any claim whatsoever, arising out of any injury or death or damage to property which I or anyone else may suffer as a result of any act or omission by the above, its agents or assigns, whether such act or omission is negligent or not.
5. I confirm that this indemnity is binding on me, my estate, executors, dependents, children or assigns.
6. I have familiarized myself with the range rules as stated in the range register and posted at **Goedehoop-3 (NHSA UR-range)**.

ID Number:

Full names: (Please Print)

Surname: (Please Print)

Signed at:

Date:

