

Forum:[Hack Forums](#)

Thread: [\[INFO\] Drone Safety | Registration | First Flight | & More!!](#)

Green Goblin - December 30, 2015, 12:13 pm

The holidays are here, many people have gotten drones, and are concerned about the [new law in place](#). Lucky, your friend Green Goblin will teach you how to stay safe, and stay out of trouble with your new drone?

1. Drone Registration

If your drone weighs more than .55 Lbs, you must register it with the government. This is not a punishment, its simply a way for the government to be able to give each drone its on identity so in the case of a crash, or a pilot pursuing an illegal flight, we will learn more about illegal flights later. Registering your drone is very simple, go to the [FFA Website](#) and click register now near the bottom, follow the instructions, and enter your information. Once completed you will get a little card, you can print this card and attach it to your drone.

2. General Flight Rules

Your drone is now registered, but before our pre-flight checklist, we need to make sure we are safe to fly. Before anything, make sure you're NOT within 5 miles of an airport. If you are, like me, you must call the airport and inform them before every flight. When you are in the air, make sure you are less than a mile away from your controller, and make sure you are below 400 feet. Commercial aircraft flies at roughly 600 feet. Be aware of your surroundings, take note of power lines, trees, etc. When in doubt, fly up! After securing your flying area, you are ready to fly!

3. Pre-Flight Checklist

You have gone over the rules, you've registered your drone, now you're ready to fly! Place your drone on a safe area, and begin compass calibration, there's a good tutorial right [here](#). After calibrating, make sure your battery is above 40%, and your blades are tightened, and everything on your drone is secure. You are now ready to take off!

4. Take-off

You have completed everything, and you are ready to fly your drone. Make sure you have a GPS signal, and youre calibrated. Arm your drone with your controller. You can find out how to do this by reading the manual, youtube, or pming me! After arming, hit the throttle and hover about 5 feet up fly right, left, forward, behind, and test all controls. After hovering for a few minutes, you are safe to go. get high enough so you are above trees, and power lines (make sure you are under 400 feet), and enjoy your flight. Keep an eye on your battery, and voltage.

Congrats! you've completed your first drone flight. Make sure to keep your drone safe, and do maintenance as needed. If you don't have a drone, feel free to look at this [thread](#)!

This tutorial was made by Green Goblin for [Drones Unlimited](#) customers and general public use.

CocoaNut - December 30, 2015, 1:16 pm

Friend of mine crashed drone into electrical cord and blew out entire block's electricity

Green Goblin - December 30, 2015, 1:29 pm

(Dec 30, 2015 02:16 PM)CocoaCut Wrote: [\[CITE\]](#) Friend of mine crashed drone into electrical cord and blew out entire block's electricity

That's why everyone must be careful and fly in places they're familiar with. When I first started flying the same thing happened to me, except only my houses power was cut off

Stashy - December 30, 2015, 1:31 pm

Great information, especially since you're giving away a drone.

Green Goblin - December 30, 2015, 1:31 pm

(Dec 30, 2015 02:31 PM)Hu300300a Wrote: [\[CITE\]](#) Great information, especially since you're giving away a drone.

Working on getting a sticky right now, everyone should know at least some of this even if they don't own one

Cammy - December 30, 2015, 1:31 pm

This belongs in the [Embedded Systems, Electronics, Gadgets, and DIY](#) section

Yes i'm a dick

Green Goblin - December 30, 2015, 1:32 pm

(Dec 30, 2015 02:31 PM)Cammy. Wrote: [\[CITE\]](#) This belongs in the [Embedded Systems, Electronics, Gadgets, and DIY](#) section

Yes i'm a dick

Getting a sticky in the lounge, but thank you for pointing that out:)

Private Network - December 30, 2015, 2:35 pm

Getting a sticky for a tutorial, that's pretty nice of you.

Green Goblin - December 30, 2015, 2:47 pm

(Dec 30, 2015 03:35 PM)Private Network Wrote: [\[CITE\]](#) Getting a sticky for a tutorial, that's pretty nice of you.

Yolo, eh?

CocoaNut - December 30, 2015, 2:49 pm

You must be flippin' bank buying stickies like this.

Green Goblin - December 30, 2015, 2:53 pm

(Dec 30, 2015 03:49 PM)CocoaCut Wrote: [\[CITE\]](#) You must be flippin' bank buying stickies like this. I do what I can?

.Fox - December 30, 2015, 3:39 pm

You stickied this? That's amazing lol.

Gonna go try and enter you're contest you seem like the coolest guy ever.

Green Goblin - December 30, 2015, 4:01 pm

(Dec 30, 2015 04:39 PM).Fox Wrote: [\[CITE\]](#) You stickied this? That's amazing lol.

Gonna go try and enter you're contest you seem like the coolest guy ever.

I try my best to be nice to everyone, if ya wanna chat just add my skype

Bagel - December 30, 2015, 5:11 pm

This is a nice tutorial but.. fuck that I ain't registering my drone.

(i'm not a US citizen, hahaha)

BTB™ - December 30, 2015, 7:09 pm

Nice tutorial and information for the Drone owners!

Great work.

?Genghis Khan? - December 30, 2015, 8:07 pm

Thanks for the helpful tips man it means alot.

I was thinking about buying my dad a drone for his birthday and it means alot that you posted this to help us get it registered

Green Goblin - December 30, 2015, 8:55 pm

(Dec 30, 2015 09:07 PM)?Genghis Khan? Wrote: [\[CITE\]](#) Thanks for the helpful tips man it means alot.

I was thinking about buying my dad a drone for his birthday and it means alot that you posted this to help us get it registered

No problem, glad I could help! If you need a cheap drone lmk!

Y?ung Thug - December 30, 2015, 9:40 pm

This has me thinking about entering the contest or maybe even buying one. Never considered these as serious as they are

RumbleFrog - December 31, 2015, 12:38 am

This is pretty helpful and I glad you sticky this, never knew you need to register drones over 0.55lb.

Lawsuit - December 31, 2015, 2:47 pm

I don't know if you have to register drones in other countries.

21st Century Schizoid Man - January 1, 2016, 2:25 am

Thanks OP! Great guide :)

Honey Solo - January 1, 2016, 12:15 pm

I see the point in registering drones. Don't want someone flying around and causing havoc without a potential reciprocation.

SIM-2362224 - January 1, 2016, 12:43 pm

This is cool, Thank you green goblin ! :)

Bagel - January 1, 2016, 6:19 pm

(Dec 31, 2015 03:47 PM)Lawsuit Wrote: [\[CITE\]](#) I don't know if you have to register drones in other countries.

Nope. I went to registration site and clicked a button to register and it said site is configured to block my country.

So, pretty sure its only for the US.

Spoiler [\(Click to View\)](#)

gabrielchihonglee - January 2, 2016, 5:05 am

It will be good if you can record a video mentioning those precautions so it will promote your company :)

funtela - January 2, 2016, 1:17 pm

I've been dying to get one. What's a decent affordable one?

Cooligan - January 2, 2016, 1:52 pm

Supposedly there are quite a few issues surfacing with these drones some people got for Christmas.

Just last night a flight landing at Boston Logan Airport recognized a drone flying extremely high and very close to them over the airport which is obviously very illegal.

Seeing that's one of many times that's happened I wouldn't be surprised if that some day in the near future they try adding some sort of new regulation to them or maybe even just ban them completely. I'm honestly shocked that they're allowed to be sold and purchased to begin with, some of them are military grade.

Exemplification - January 2, 2016, 2:56 pm

I don't understand why there is so much regulation on drones when RC Helicopters and airplanes have been around for ages and can do about the same things but aren't required to be regulated (outside of the FAA & FCC laws and such) or registered.

Green Goblin - January 2, 2016, 3:41 pm

(Jan 2, 2016 02:17 PM)RYAN REYNOLDS ? Wrote: [\[CITE\]](#) I've been dying to get one. What's a decent affordable one?
contact me and ill give you a quote

Comprogger - January 2, 2016, 9:34 pm

(Jan 2, 2016 03:56 PM)Exemplification Wrote: [\[CITE\]](#) I don't understand why there is so much regulation on drones when RC Helicopters and airplanes have been around for ages and can do about the same things but aren't required to be regulated (outside of the FAA & FCC laws and such) or registered.

I guess it's because drones can fly further distances and take pictures.

Armagedon - January 3, 2016, 6:41 am

Clever dude you are mate advertising your selling thread in the lounge, good tactic ;)

Green Goblin - January 3, 2016, 8:17 am

(Jan 3, 2016 07:41 AM)Armagedon Wrote: [\[CITE\]](#) Clever dude you are mate advertising your selling thread in the lounge, good tactic ;)
I'm a clever person

BooGod - January 3, 2016, 8:39 am

This is just for USA citizens right ? I am from Portugal I think thats not necessary here.

B FOR BADASS - January 4, 2016, 5:29 am

Any suggestions regarding registrations. Thx

skelly76 - January 4, 2016, 10:36 pm

So since you know a lot about this drone stuff, what's the best drone to buy that isn't \$1000. They seem interesting.

I just want a good quality one that works and not overpriced.

TehBVM - January 5, 2016, 3:28 am

(Jan 4, 2016 11:36 PM)Aerial Wrote: [\[CITE\]](#) So since you know a lot about this drone stuff, what's the best drone to buy that isn't \$1000. They seem interesting.

I just want a good quality one that works and not overpriced.

<http://store.dji.com/product/phantom-3-standard>

Green Goblin - January 5, 2016, 1:35 pm

(Jan 5, 2016 04:28 AM)TehBVM Wrote: [\[CITE\]](#) <http://store.dji.com/product/phantom-3-standard>
Phantom 3 advanced is better, it's worth the extra few hundred

Warren Buffett - January 5, 2016, 1:55 pm

Good stuff. Thanks for the nice and easy to read info. :)