

**Ok so you want fly RC Helicopters** firstly be sure that this is for you, visit a club and have a chat and watch what goes on this will help you decide. Beware it can take a while to learn to fly these beasts and may cost a few quid on the way. Don't think you will be flying in a week or 2 because you won't and the first bit of advice is Don't rush things and do what you are comfortable with and **join a club**. This is what I was told and it works.

Now what do you Need?

PC Simulator  
Helicopter + Electronics  
Radio  
Field Kit

Ok that looks a small list but its not now lets look at it in detail

**PC Simulator**:- This has got to be the cheapest way to learn to fly as there is no rebuild costs there are several available but in my humble opinion Phoenix is the best at this time

**Helicopter**:- When you start to look at the shops you will realise there are loads and they come in all shapes and sizes but lets assume we are looking for a Nitro Helicopter so what one well I am going to go for the most popular for a beginner and in my opinion a very good starter is what I used a Thunder Tiger Raptor 30 V2 they are reliable if the right parts are added and only cost around £200 in kit form. so what is needed to make it work

Engine  
Gyro  
Servos \* 5  
NiCad Battery  
Receiver  
Glow Plug Extension

The Engine, there are a few choices here the OS.32SXH, OS.37SZ-H, TT Pro-39H or the Irvine 36 or 39h 30 size engines my personal choice would be an OS engine

The Gyro, there are too many to list so my personal choice is a Futaba GY401 paired with a futaba S9254 Digital servo I think most people would go with this set up although there are other quality Gyros on the market

Servos, you will get a set of 4 in your new radio set so for starters you can use them along with the switch and receiver

**Radio**:- Look on the internet and you will see a choice of loads so what one. There are 3 main runners at the moment and these are JR, Futaba and Spektrum. JR and Futaba can be 2.4Ghz or Crystals/SYNTHESISED Spektrum are 2.4Ghz What does this mean 2.4Ghz is the latest system and no two people can be on the same channel where as crystals need to have the same channel Crystal in both Transmitter (TX) and Reciever (RX) and you need to ensure that you do not have the same channel as anyone else before you switch on. A Synthesised system is the same as the crystal except instead of the crystal you have a unit in the TX with a channel dial which you

pair with the RX on the selected channel. My advice is to buy a set with at least a 7 channel radio as you will need the 7th channel if and when you move on to bigger helis and if not it will be easier to sell. What system? I would go for a 2.4Ghz radio as this is the way forward. Oh and don't forget a neck strap.

**Field Kit:-** You will build this up over time but the essentials are

- 12v Starter
- 12v Battery
- Power Panel
- Fuel Pump
- Glow Starter
- 6mm starter extension shaft
- Box to Put It all in

My final bit of advice is Join a club and take as much advice as you can get but make sure you know the club rules especially those about Safety pegs on the board visit the club before you go to fly

**REMEMBER SAFETY FIRST RC HELICOPTERS ARE NOT TOYS**