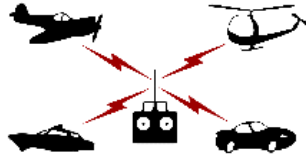


MICK CHARLES MODELS

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OPEN: Mon., Tues., Fri., Sat. 9.30-5.30
 Thursday 9.30-7.00



TEL: (020) 8393 3232

Beginner's Aircraft.

Park Flyers

A park flyer is a small aircraft, typically around one metre span and usually made of foam. They can be flown in a small area and are slow and light enough that they will do no harm to anything they hit.

Some park flyers are harder to fly than others. Fighter aircraft like Spitfires tend to be unstable and have higher stall speeds than are ideal for learning to fly.

We also think it is important for aircraft to use control surfaces (elevator, rudder etc.) to alter the attitude of the plane. Some cheap aircraft use motor thrust to do this which leads to very poor control.

The aircraft below all have a high set wing for stability and a light wing loading for good control at low speeds. They all use rudder and elevator controls for precise control response.

HOBBYZONE MINI SUPER CUB



This is a realistic looking model of a Piper Super Cub that is still easy enough to fly for a complete beginner. At 0.8m span it is quite small and easy to transport, but needs fairly calm conditions to fly.

A unique feature is an optical system that can automatically level the aircraft for you. A lipo battery is now included as standard.

Of mostly foam construction and with a 3 channel R/C it comes almost ready to fly out of the box. Spares are available from stock if needed. A "how to fly" DVD is also part of the package.

HOBBYZONE MINI CUB PACKAGE DEAL	
Hobbyzone Mini Cub inc 3 channel R/C, lipo battery and 12V charger	£99.99
Total:	£99.99

ELECTRACAM



The Electracam is one of the easiest of all our aircraft to fly and can be flown by a beginner without tuition but needs calm or light wind conditions. A special feature of this aircraft is the camera which can take still or video footage and is activated via the radio control. This can then be downloaded onto a micro SD card (not supplied). This aircraft has a wingspan of just over 1 metre and comes virtually ready built, a few minutes final assembly then charge the batteries and you are ready to fly.

ELECTRACAM PACKAGE DEAL	
Electracam inc R/C, battery, 4 hour mains charger and 1 hour 12V charger	£99.99
8 AA batteries	£4.00
Total:	£103.99

HOBBYZONE SUPER CUB



The Super Cub is a larger version of the Mini Super Cub. It is still easy enough to fly for a complete beginner and at 1.2m span it can fly in slightly windier conditions.

It also retains the optical system that can automatically level the aircraft for you. A lipo battery is included as standard.

Of mostly foam construction and with a 4 channel 2.4 ghz R/C it comes almost ready to fly out of the box. Spares are available from stock if needed. A "How to fly" DVD is also included.

HOBBYZONE CUB PACKAGE DEAL	
Hobbyzone Cub inc 3 channel R/C, lipo battery and 12V charger	£134.99
Total:	£134.99

SKY SURFER



The Sky Surfer is a very easy plane to fly and can be flown by a beginner without tuition. It is larger than the Electracam, with a wingspan of 1.4 metre and so can fly in slightly windier conditions. It comes virtually ready built with a lipo battery and charger included. All that is needed is to fit the R/C, a few minutes final assembly then charge the batteries and you are ready to fly.

SKY SURFER PACKAGE DEAL	
Electracam inc R/C, battery, 4 hour mains charger and 1 hour 12V charger	£99.99
6 channel Saturn transmitter and receiver	£54.99
8 AA batteries	£4.00
Total:	£158.98

Trainer aircraft

The ideal beginner's model is known as a "trainer", an aircraft whose main characteristics include a wing mounted above the fuselage for stability and a large wingspan of over 1.6m. This allows trainer aircraft to fly in windier conditions than park flyers. However because these aircraft are heavier and faster they could do more damage if they hit something. So we would always recommend not trying to fly a trainer without tuition. Best bet is to join one of the clubs as shown below.

These aircraft come largely pre built, requiring just a little final assembly to join the major assemblies and install items like the engine and radio control.

The radio control systems included in these deals are interference beating 2.4ghz systems and are equipped with a "buddy box" system. This allows two transmitters to be linked via a cable, with a master switch on one allowing the instructor to take over control of the other transmitter instantly if the pupil makes a mistake. This makes learning to fly much safer.

We recommend beginners bring their models back to the shop prior to their first flight so that we may give it a free pre-flight check.

FIREBIRD STRATOS

The Firebird Stratos is a twin engine ready to fly trainer plane of foam construction, with a wingspan of 1.06m. Features of the Stratos include automatic self levelling if you let go of the controls, magnet attached wings and a rubber nose to reduce crash damage. A few minutes minor assembly is required to complete.



FIREBIRD STRATOS PACKAGE DEAL	
Firebird Stratos inc 4 channel R/C, lipo battery and charger	£124.99
Total:	£124.99

ST MODELS DISCOVERY

The Discovery from ST Models is a large ready to fly trainer plane, with a wingspan of 1.46m. Generally, the bigger the model, the better it can cope with windy conditions. This aircraft is more aerobatic but not quite as stable as the Cub, so ideally some instruction would be recommended for beginners at first.

Some minor assembly is required, mainly just screwing the main assemblies together and applying the stickers.



DISCOVERY PACKAGE DEAL	
Discovery inc 4 channel R/C, lipo battery and charger	£169.99
Total:	£169.99

TUTOR 40 MK II



The 64.4 inch (1.63 m) wingspan Tutor 40 is our most popular glow engine powered trainer. It features excellent full colour instructions and requires only a few hours work to do a small amount of assembly and to install the engine and radio equipment. All the major parts of the airframe (fuselage, wings, tailplane etc.) are pre-built and already covered in heatshrink film.

As well as being very easy to fly, the Tutor 40 has some scope for aerobatics when the basics of flying have been mastered.

TUTOR 40 II PACKAGE DEAL	
Tutor 40 II ARTF aircraft	£69.99
Futaba 6J radio control (inc 4 servos)	£159.99
Irvine 40 engine	£59.99
Other items: (glue, glow starter, propeller, pump, fuel etc.)	£44.00
Total:	£333.97

Local Flying Clubs

You should not attempt to learn to fly large aircraft without tuition. Unless you know an experienced flyer who can teach, you will need to contact a professional instructor (ask in the shop for details) or better still, join one of the many local flying clubs. Clubs have their own private flying fields and experienced instructors. The local clubs are listed here:

Esher Club	www.edmfc.org	Alan Dobson	(020) 8393 8474
Epsom Club	www.mjp.co.uk/erfc	Neil Faber	(020) 8644 9336
Elmbridge Club	website.lineone.net/~elmbridgemc	Graham Macfarlane	01372 373670
Croydon Club	www.camfc.co.uk	Geoff Potts	01883 627470
Leatherhead Club	www.leatherheadmfc.org.uk	Mick Saxton	01372 457949
Epsom Downs Club	www.edmac.org.uk		

Additional Items

The aircraft deals shown above can be altered. You could get the slightly more powerful Irvine 46 engine which although not needed for these trainers, might be more useful if transferred to a future aircraft.

Computer radio controls like the F7C are also more suitable for flying helicopters. This might save you having to buy a second R/C later for helicopter flying.

Flight simulator software allows you to practice flying a "virtual" R/C aircraft on your PC. While a useful aid for learning to fly, they are not a substitute for being taught by an expert. The Phoenix simulator requires you to use your own R/C transmitter, which is linked to the PC through a USB cable. The cheaper Easyfly 3 simulator comes with its own transmitter, but can not be linked to the same one you use to fly your actual model. It also has a lot less virtual models and flying sites to choose from, but still does a good job of simulating R/C flight on a PC screen.

ALTERNATIVES TO DEAL ITEMS	
Futaba F7C 2.4 ghz R/C inc 4 servos	£316.99
Irvine 46 engine	£69.99
Phoenix R/C flight sim for PC	£79.99
Futaba adaptor for Phoenix sim	£9.99
Easyfly 3 flight sim (inc controller)	£31.99