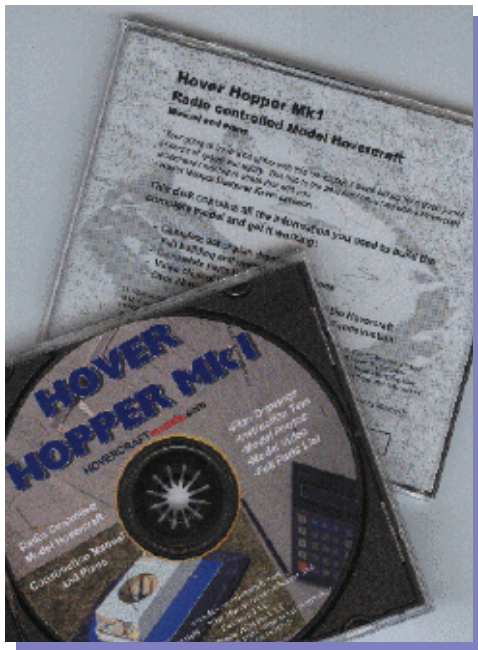


# HOVERhopper™

Ideal Plans for your first  
RC Hovercraft



**Build your own Radio Controlled Hovercraft from this complete step-by-step construction manual**

## HOVERhopper RC Hovercraft CD Features:

- CD ROM manual with video-clips
- Step-by-step easy instructions
- Complete set of plan drawings
- Detailed parts list
- Gallery of high resolution photographs
- Web style, browser based access to CD ROM contents
- Building, testing and flying instructions

### Easy-Build Steps

The Hoverhopper construction is set out on the CD ROM in a simple step by step guide - just follow each step, watch the video and look at the detailed photos to help you.

### Glow Engine Power

The Hoverhopper use a standard 0.061 engine from Norvel available in most hobby stores or on the web through Norvel.com. It is a simple to use but powerful engine that provides air for both lift and thrust.

### Simple Radio Installation

The Hoverhopper can use any RC boat or car 2 or 3 channel radio control set (we recommend the Futaba™ 2ER). It requires 1 or 2 standard servos (for rudder control and lift air control) depending on the way you choose to build your Hoverhopper.

### Quick and Easy to Build

We have assumed that you have moderate modeling skills and maybe have built a model plane, boat or car before. Even if you haven't but you have the practical skills to do wood and metal work then you should be able to complete the model without difficulty.

Designed for an easy entry into the world of radio control Hovercraft. This CD ROM manual steps you through construction point by point. Each step can be reviewed with associated video clips and high resolution photos. Using the CD in conjunction with detailed plans, you can quickly and confidently step through the construction of your own Hovercraft model.

You're going to have a lot of fun with this Hovercraft, it packs a good punch in terms of speed and agility. We have tried to make the manual as comprehensive as possible so that you can reproduce the success we have had with this model. The plans contain high-resolution photos as well as video clips for you to get a feel for the construction and operation.



*'The Hover Hopper is an ideal model to let you experiment. It's a platform that provides the basic hovering functions under radio control and it's quick and easy to build'*

- Hover Hopper Designer Kevin Jackson -

HOVERCRAFTmodels.com

# HOVERhopper SPECIFICATION:

The Hoverhopper uses a basic 2 channel radio control set with a speed controller. We recommend the Futaba™ 2ER radio. You may also use any other land based radios. Please, never use radio control equipment for model airplanes in land based models.

CD ROM and all contents  
Designed and Manufactured  
in the USA by  
[HOVERCRAFTmodels.com](http://HOVERCRAFTmodels.com)

Note: Due to our policy of constant design improvement this specification is subject to change without notice

Mechanical	
Length (with skirt):	26inches – 66 cm
Width (with skirt):	15inches – 41cm
Height (on hover):	10 inches – 25.4 cm
Lift and thrust power:	Glow engine (0.061 or larger)
Lift method:	Split plate ducting
Thrust power:	6 by 3 direct drive propeller
Thrust method:	Ducted air with optional split plate control
Thrust line control:	Servo controlled rudder
Operating conditions:	Any smooth surface with small inclines
Electrical	
Radio:	2/3 Channel radio control (land R/C)
Receiver antenna:	Flexible 1/4 wave whip
Range:	¼ mile line of sight

The disk contains all the information you need to build the complete model and get it working. The manual has been laid out in steps so that you can follow it with ease. First it covers the materials needed for the project and then goes through the building of the craft step by step. At various points you will be directed towards video and plan drawings for more detail. Just print out the 5 plan drawings and you're ready to get started. The CD contains all the video and plans as well as the viewing software for both of them.

The files on the CD ROM are accessed using a web browser. If autorun is enabled on your PC the disk will start as soon as you insert it. The CD operates with either Netscape™ 4.0 or Microsoft Internet Explorer™ 4.0 or greater. Designed for Windows™ 95 or 98. PC requires Pentium™ 1 processor or greater.

As with all Hovercraftmodels.com products we offer a comprehensive help service. If you need help or have questions at any time while building your Hoverhopper just email us a detailed outline of your question and we will get back to you within 24 hours with help and extra detail should you need it. We offer an extensive parts service to help you with any hovercraft model parts you may have difficulty finding.

Hundreds of Hovercraftmodels.com customers have bought the Hoverhopper CD and successfully built their first RC Hovercraft, you can see examples of their results in our online picture gallery.

## ORDERING INFORMATION

Description	Stock Number
Hover Hopper CD	HHPCR

Order from: [HOVERCRAFTmodels.com](http://HOVERCRAFTmodels.com), Flexitech LLC, PO Box 412, Germantown, MD 20875-0412, USA  
Please add Shipping and Handling: US Orders  
Checks and Money orders payable to Flexitech LLC  
See web site for more details: <http://www.hovercraftmodels.com>

[HOVERCRAFTmodels.com](http://HOVERCRAFTmodels.com)  
Flexitech LLC, PO Box 412, Germantown, MD 20875-0412, USA  
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