



Ed Rogala

# R/C Report

## A Simulator With a Twist

*The Spektrum DX5e transmitter adds a new dimension to the Phoenix R/C Pro Simulator Version 2.5.*

Flight simulators can appeal to many groups of R/C enthusiasts, current pilots, newcomers and quite possibly someone who's eyeing R/C planes but has not yet made the commitment to actually purchase a flying model. Horizon Hobby has teamed up with Phoenix to offer a totally different twist on R/C flight simulators. Included with the Phoenix R/C Pro Simulator is a Spektrum DX5e 2.4 GHz transmitter. A customer can purchase this simulator and use the supplied controller to fly a radio control model.

This package is further enhanced by incorporating a number of Horizon Hobby's brands of R/C air products in the software. Owners of E-Flite, Hanger-9, ParkZone and Blade will be pleased to see some of their favorite models included with the Phoenix. Plans for the future include the ability to download parameters for new models from these brands to the Phoenix. This feature adds value to this offering.

Installation of the Phoenix was fast and easy. Simply install the supplied CD, follow the screen prompts, add batteries to the transmitter and use the supplied cable to connect the transmitter to the USB port on the computer.

This flight simulator is packed with features. Some of the more relevant ones to be aware of are:

1) Model Designs: There are over 100 model designs included in the software. Fixed wing aircraft included contain 21 electric designs, 17 performance designs, nine scale designs, five trainers and four gliders. Helicopter choices include 21 electric designs, 14 performance



*The Phoenix comes with a cable to adapt the DX5e to the simulator. Cables for other brands are also available.*

designs, 12 scale choices and two trainers.

2) Flying Sites: There are 17 different flying sites. They all feature original full 360-degree photographic panoramic scenery plus—if the customer's computer has enough graphic memory—more scenery can be downloaded from [www.phoenix-sim.com](http://www.phoenix-sim.com).

3) Competition: There are six separate competitive events, which include bomb drop, balloon busting, streamer cutting and thermal gliding.

4) Flight Recorder: This allows the user to record his flight and review it post-flying.

This feature can be of benefit to any competition pilots. As an example, an IMAC pilot can practice his sequence and play it back. This allows performance critique.

5) Training Tutorials: These are videos that cover two categories, fixed wing and helicopters. These are broken down into chapters featuring both a narrative along with screen shots of the transmitter in use.

6) Other Special Features: This includes night flying, water simulation for float flying and a multi-player mode that allows one to fly with other R/C pilots around the world, simultaneously supporting four people flying via an online connection and split screen.

Several hours were spent enjoying the various features of this product. From an entertainment perspective, this flight simulator delivers a lot of enjoyment for the money. This intangible is something that you need to stress to

prospective customers. Unlike most model aircraft, which have a pre-determined lifespan, the Phoenix Flight Simulator is designed to grow with your customers' needs.

The attention-grabbing carton features six informative panels that adequately answer most customer questions. Measuring a compact 14x10-1/2x5-3/4 inches, the box contains a lot of helpful information. The main panel clearly depicts the Spektrum DX5e transmitter as well as several of Horizon's flying designs. The back panel does an adequate job of describing the features of this product. One of the side panels describes how this unit is perfect for Horizon's line of Bind-n-Fly products. This makes a great feature that dealers can promote as it will influence a potential sale to customers considering one of these products. The bottom of the carton includes information about minimum computer system requirements needed to run this software.

Sales for this product are likely to be improved by placing it on the shelves where you merchandise your

Bind-n-Fly products. You might also consider offering an incentive such as an extra battery or a free replacement part certificate for customers who buy the Phoenix and a Bind-n-Fly aircraft as a package.

There are a couple of areas that could use some improvement. There is no instruction manual included on how to maximize the capabilities of this product. Nor is there any mention of how to adjust model attributes. For example, explaining adjustables like exponential control and surface mixing could go a long way in teaching a consumer what these functions do and how they affect aircraft performance. A separate user guide, either as a CD or booklet, would be helpful.

In summary I found the Phoenix R/C Pro Simulator to be a good product. There are a variety of adapters available that allow other manufacturers' transmitters to work with the Phoenix. The software, hardware and graphics are all well done. If marketed correctly, it can lead to more sales for your entire R/C air category. **HM**



<http://www.twmrc.com>

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### Silicon Tubes

Code No.	Size	Price
PT1113082	D6 x d3.2 mm	\$5/ m
PT1113040	D4 x d2 mm	\$3.2/ m
PT1113060	D6 x d2.5 mm	\$3.2/ m



PT1113082	(Red)
PT1113040	(Transparent)
PT1113060	(Transparent blue)

### Neoprene Tube

Code No.	Size	Price
PT1114050	D5 x d2.5mm	\$6.4/ 2 m
PT1114070	D6 x d3mm	\$7/ 2 m



- Perfect gasoline tubing.
- Remain soft and flexible after long time use.
- Black in color.

### Tygon tube

Code No.	Size	Price
PT1114040	D4 x d2mm	\$3.5/ m



### Fuel Filter

Code No.	Size	Price
HW7120100		\$2/ pc



### Suction Tube

Code No.	Size	Price
HW5111050	M7 x 27.5mm	\$2.6/ 2 sets



### Fuel Tubing Clip

Code No.	Size	Price
HW4201550	D5.5 mm	\$1.5/ 6 pcs
HW4201450	D4.5 mm	\$1.5/ 6 pcs



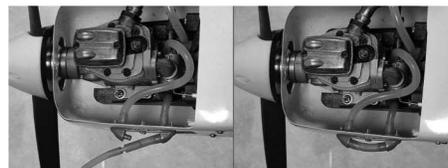
- Great for holding the fuel tubing in place.
- Suitable for both gasoline and nitro fuels.

### Fuel Filler (blue, red, white, black)

Code No.	Size	Price
PL8110030	15 x 22 x 49mm	\$3/ pc



Simple and reliable, no moving parts to wear out. No more fuel tubing lying out of the body for fueling. You can monitor fuel flow condition and do "Tubing Pinch Test" to help adjusting the needle valve. 4 different colors to suit your plane.



### GASOLINE FUEL TANKS



Fuel Tank (Gasoline)			
Code No	Size	Dimensions (L x W x H)	Price
PL1111400G	400cc	120 x 55 x 68 mm	\$5 / set
PL1111500G	500cc	135 x 60 x 75 mm	\$6 / set
PL1111650G	650cc	130 x 65 x 85 mm	\$7.5 / set
PL1111810G	800cc	150 x 70 x 90 mm	\$10 / set
PL1121100G	1100cc	173 x 76 x 100 mm	\$11 / set
PL1121500G	1500cc	195 x 85 x 108 mm	\$12 / set

Fuel Tank (Glow Fuel)			
Code No	Size	Dimensions (L x W x H)	Price
PL1111120	120cc	80 x 34 x 47 mm	\$3.2 / set
PL1111200	200cc	99 x 48 x 53 mm	\$3.5 / set
PL1111260	260cc	110 x 52 x 58 mm	\$3.9 / set
PL1111320	320cc	125 x 52 x 60 mm	\$4.1 / set
PL1111380	380cc	128 x 60 x 68 mm	\$4.5 / set
PL1111450	450cc	128 x 65 x 72 mm	\$5 / set
PL1111400N	400cc	120 x 55 x 68 mm	\$5 / set
PL1111500N	500cc	135 x 60 x 75 mm	\$6 / set
PL1111650N	650cc	130 x 65 x 85 mm	\$7.5 / set
PL1111810N	800cc	150 x 70 x 90 mm	\$10 / set
PL1121100N	1100cc	173 x 76 x 100 mm	\$11 / set
PL1121500N	1500cc	195 x 85 x 108 mm	\$12 / set

### GLOW FUEL TANKS

