

# NJ PINE BARONS RC CLUB NEWSLETTER

## MINUTES OF MEETING MAR 2007

(www.njpinebarons.com)

MARCH 7, 2007

LOCATION: MOUNT LAUREL LIBRARY, MT. LAUREL,  
NJ

MEETING RUN BY: GEORGE ENGLE

MEETING CALLED TO ORDER: 7:00 PM

MEMBERS PRESENT: 4 (We had a snowstorm on this date.)

TREASURER'S REPORT: JERRY GAYSTER went through the report of expenses for the month, which came to \$516.91, leaving us with a checkbook balance of \$7060.00.

MEMBERSHIP: JERRY GAYSTER also reported that we have 136 paid-up members.

OLD BUSINESS: GEORGE ENGLE reported that he and MATT REILLY measured the section of the field that will be scraped and seeded as about 1500 square feet, not 5000 square feet as discussed at the February meeting. As a result, it will not cost as much, but it's such a small area, that we will probably have to seed it ourselves.

NEW BUSINESS: GEORGE ENGLE reported that he is sending in the Charter renewal to the AMA for the N.J. PINE BARONS. We have been an AMA Chartered Club for 29 years, except for one year when someone forgot to renew.

MEETING ADJOURNED: about 8:00 PM

TONY GALLO

## President's Corner

Spring FINALLY sprung! There are signs of life at the field again! The air was warm and the winds were light on Monday so I loaded the van with planes for some after-work flying. Luckily, my workday ends before 3pm and the sun now sets at 7pm, so life is good. The day-shift was packing up as I arrived at the field but Mayor Mike, Dean, Steve, Steve Jr., and I spent the afternoon shaking the rust off of our thumbs; it felt great! Don't forget to give those planes a spring checkup, cycle the battery, and GET OUT AND FLY!

If you haven't heard, Bethany has resigned as cook. The club used to have our picnics catered which was nice since we didn't have to do any work, but it was expensive. Bethany agreed to serve (literally) as cook, which has saved the club many hundreds of dollars in catering bills. Her hard work will be missed by all of us, make sure you thank her when you see her at the field. The club now has to decide where to go from here. We can find a "willing" volunteer to replace Beth (it would probably be easier to find a winning lottery ticket). We could cater again at a large expense, \$1,000 per event if we were lucky. Or we could do some form of "pot-luck" like many other clubs do. Email your thoughts, we'll be discussing

this at the next meeting.

FOR SALE..... no not Ken's new Vette, airplane stuff. A discussion has been coming up regularly at the field about club members selling stuff at the WRAM show or RC Universe or Ebay when fellow club members would have loved to buy the stuff themselves.....if only they knew. Well, there is a way. That's when I had the brain storm (or brain fart, we'll find out). I got the idea of a club FOR SALE email distribution list. Here's a brief outline of how it will go. I'll send an email out to all club members to see who wants to be included; if you want in, email ME within the next couple of weeks (don't wait or you won't be included). Once I get all the emails the list will be set up and I'll send everyone who wanted in, a "master" email with a few simple rules. KEEP that email. If you want to sell something just hit "reply-all" to the master email I sent and add the items you want to sell to your "reply-all" email, you can attach pictures or whatever you wish and send the email. Everyone on the list will get the email and if they want to buy your items, or make you an offer they will hit "reply" and only you will get the offer. If you're not interested in buying what person X is offering, just hit delete. Simple, fast, and no one has to do any work; except me. If I get enough names I'll have the list ready by the next newsletter.

See you at the Spring cleanup  
April 7<sup>th</sup> at 10am; unless I can find a  
really good excuse.

*George Engle*  
theenglefamily@hotmail.com

NO PIN JUST GO FLY

HAVE YOU HEARD ABOUT THIS ??



Futaba's New Spread Spectrum

Futaba announces 2.4GHz for Aircraft with superior full-range technology!

6EX 2.4GHz FASST™ Radio System

Futaba Advanced Spread Spectrum Technology

It's here...and it's everything modelers want in a full-range 2.4GHz system! Futaba has been using Spread Spectrum technology for nearly 15 years in industrial R/C applications, so they have the dedicated engineering staff with 2.4GHz expertise. Unlike other manufacturers who started offering 2.4GHz for hobby R/C models using off-the-shelf IC chips, Futaba invested in extra research and development - resulting in a system that uses a custom IC chip that's ideally suited for the unique demands of R/C modeling. When you discover all the advantages of Futaba's 2.4GHz FASST system, you'll see that it was worth the wait!

The 2.4GHz FASST system: offering the highest levels of performance, convenience and "peace of mind" for airplane AND heli flyers!

Convenient, Worry-Free Operation - Now you can enjoy the convenience of 2.4GHz operation with the quality and reliability of Futaba! No more worry about someone accidentally turning on another system on your frequency. You can fly anywhere - flying field,

conflict with another nearby radio system. And at the flying field there's no more waiting for your frequency clip to become available... just turn it on and fly!

Compact, "all-in-one" R606FS receiver - The small, but powerful one-piece R606FS can easily control giant-scale models, but is small enough (just 7 grams without case!) for park flyers. The competition's full-range system includes a bigger, two-piece receiver. A smaller receiver must be purchased separately for park flyers.

Higher sensitivity - which enables you to stay in complete control of your model, even at greater distances. It also offers greater signal selectivity, which prevents unwanted interference.

Continuous Channel Shifting - unlike other 2.4GHz systems that stay on one or two frequencies (leaving the potential for interference), the 2.4GHz FASST shifts every two milliseconds, so signal conflicts and interruptions are virtually impossible.

Pre-Vision™ Packet Screening Technology - scans the incoming data to look ahead for potential problems and apply sophisticated error correction techniques. The result is a system that gives the user a solid, impenetrable link with his model.

Dual Antenna Diversity (DAD) - which means the system seamlessly selects the best reception between two receiver antennas, so there's no loss of signal, regardless of the plane's attitude.

The Easy Link™ system - The 6EX transmitter has a unique ID code that, after linking with the R606FS receiver, assures this receiver will only follow commands from this transmitter. Set it and forget it! Just push the recessed button on the receiver and it will never forget the unique transmitter ID code, which locks this receiver to the transmitter. And with over 134 million possible codes, there's no chance for a conflict.

FUTK6900 6EX 2.4GHz Transmitter/Receiver Set  
FUTL7635 R606FS 2.4GHz FASST Receiver Only

Distributed Exclusively in the U.S.A., Canada and Mexico by:  
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Horizon also has an up to 9 channel Spectrum module for transmitters with a plug in type module. Including JR, Futaba, and Hitec.

From the internet....the following was copied editor

Dateline Thursday, February 22 2007  
Champaign Illinois

MAJOR 2.4 Ghz Spread Spectrum Release!

Article written by: Maxon Duncan

Today Horizon Hobby and Spektrum have announced an incredibly exciting line of 2.4 Ghz Spread Spectrum products! Yup, you guessed it – modules galore and a new 9 channel AR9000 receiver!! No more vaporware, hype, or module frustration - The wait is over folks! With Spektrum's new offerings, you can convert your existing JR 10x, 10es, 8103, and 9303's to 2.4 in jiffy. Here's the bombshell – modules have been announced for Futaba and Hitec systems including the MZ's and 9c's!

FlyingGiants has learned that these modules have been under development for the past 36 months with 19 major versions and incredible amounts of testing with surprisingly better performance than existing 72mhz modules. What we are seeing today is the result of the hard work of many people within the Spektrum organization. Namely Paul Beard – modeler at the core, friend, and the dude who made 2.4 a reality.

We look forward with anticipation to more 2.4 announcements from the major industry players! We'll have full product details posted shortly along with some other off the chart announcements! In the mean time, enjoy our exclusive photo flood! It's a great time to be a modeler folks, and remember where you heard it first!

I know you're all going to have a ton of questions, and there are several that I will not be able to answer, however we have arranged for individuals within The Spektrum Team to pop in.

Here comes the flood!!! Special thanks as well to The FlyingGiants Paparazzi who snapped these exclusive photos, and to the folks who let us take 'em. Thanks guys, you're the best & our community definately appreciates it!

Attached Thumbnails

AI, ETA for delivery is early April.

Street pricing sheet is as follows:

DSM2 Air Module System FUTABA - HITEC w/AR9000 RX \$299.99

SPMMSJR9 DSM2 Air Module System JR w/AR9000 RX \$299.99

SPMMSMZ9 DSM2 Air Module System FUTABA MZ w/AR9000 RX \$299.99

SPMMSJR7 DSM2 Air Module System JR w/AR7000 RX \$239.99

SPMMSFUT9

SPMMSFUT7 DSM2 Air Module System FUTABA - HITEC w/AR7000 RX \$239.99

SPMAR9000 AR9000 DSM2 9ch. RX \$169.99

SPM9549 Spektrum Flight Log \$29.99

Introducing Spektrum Modules for Air Shockwaves are once again resonating through the world of radio control, and Spektrum Technology is once again at the epicenter. Spektrum 2.4GHz DSM® Technology has been revolutionizing both the surface and air radio landscapes for years, and the time for the next revolution is here. Spektrum is proud to release module systems for the most popular module-based aircraft radios. These module systems make it possible for anyone who uses a JR or Futaba transmitter to now have the convenience, safety, and reliability of Spektrum 2.4GHz technology without requiring the purchase of an entirely new radio system. Above and beyond the technological advantages offered by Spektrum, these module systems utilize tested and proven 2.4GHz DSM technology that has been in use for years. When combined with Spektrum's technical support and distribution channels, the Spektrum Air Module Systems are the next big breakthrough in radio control. Let's take a closer look.

#### The Technology

Receivers The Spektrum Air Module Systems have been in development for nearly 2 ½ years and have a number of exciting features. Through extensive product testing with a variety of different base radios, the Spektrum Air Module System incorporates the benefits associated with DSM2 (second generation protocol) technology into them. Spektrum's exclusive DSM2 technology provides exceptional latency and responsiveness while maintaining the signal integrity that today's savvy pilots demand. Beyond these basic features, DSM2 technology offers an increase in bit-rate and provides superior path diversity that allows a receiver to "see" a broader range of the RF environment.

There are a number of additional features that, when combined, quite simply add up to the best module system ever created for an aircraft radio. Built-in collision avoidance software prevents another radio from operating on the same frequency as one already in use. Collision Avoidance Software makes it possible for pilots to enjoy a 100% crystal-free experience, eliminating the need to wait for open frequencies or frequency control at the flying field. The DSM2 technology that goes into each and every Spektrum Air Module makes it possible to fly any size model from foamies to huge 33% planes and larger. Best of all, the DSM2 Spektrum Air Module System operates faster than most conventional PCM radio systems currently available, giving you that all-important locked-in feel and precision that is so critical.

#### How Spektrum Air Modules Work

##### Installation of a Module

##### Radio with module installed

Installing a Spektrum Air Module System into your radio is a snap, thanks to the lightweight and self-contained design. Installation of the module is as easy as removing your original module and antenna, inserting the new Spektrum Antenna Adaptor into the antenna hole, plugging the new Spektrum Air Module into your radio, connecting the new



Spektrum antenna and connecting the antenna cable to the module. Installation takes less than five minutes and, except for the lack of a telescoping antenna, your radio looks and feels exactly the same as before the upgrade.

By plugging into the existing module slot on the back of your radio, the Spektrum Air Module Systems utilize the existing PPM output of your existing radio to build the secure DSM2 link. The number of usable channels is determined by the number of channels output by your radio's PPM stream. For JR users, this translates into a maximum of 9 channels, while Futaba® radios output a maximum of 8 channels via the PPM stream. There are two different combinations available for each base module. One combo includes an AR7000 receiver, while the other includes an AR9000 receiver. It's important to note that, regardless if you select a 7- or 9-channel Spektrum Module System to start with, the modules themselves are identical; the only difference is in which receiver is included with the system. The Spektrum Air Modules are compatible with DSM2 receivers from Spektrum, including the AR6100, AR7000, and AR9000.

