



Blue Max Aces

The Monthly Newsletter of the Blue Max R/C Flying Club

Editor – Don Linder

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**Fun-Fly April 17,
Touch & Go.**

**Start working on the
next level pilot skills.**



**April program will
discuss building
Scale.**

**Plan you fuel
purchases for 2005.**

Jim's Jabber

by Jim Janiak, President

Spring is here, the weather is getting warmer and we're heading out to the field for our first flights of the year. Be sure to check your plane and radio out thoroughly before taking that first flight. Take a look at the First Flight Checklist for a list of things to review. As we learned at last month's meeting, don't forget to cycle your batteries and check to make sure they hold their charge. While you are at it, charge your glow igniter and starter batteries.



We're all anxious to get flying and pick up where we left off last year. Remember, for most of us it's been a while

since we've flown. Ease into it the first time or two; use your sport plane rather than your 3-D aerobatic plane. Keep your maneuvers simple and build back your flying touch over a few flights.

Our first Fun-Fly of 2005 will be Sunday, April 17th. The challenge will be timed touch and go. Not only is this a great way to hone your flying skills, but it's something everyone can do. Provisions are made for novice pilots on buddy boxes. It will be a great time, so be sure you plan on attending.

This month's program will be of interest to everyone. Don Linder will be discussing building scale RC planes. Several scale planes will be on display at the meeting. Learn some of the secrets to take a good looking scale plane and make it into a great one and view the handy work of some of the club's scale builders. We should also have the 2004 Year in Review DVDs from Jim Speers at the meeting too.

I hope to see you at the field soon. Fly safe and let's have fun this summer!

Jim

President

Jim Janiak

Vice President

Tim Niemiec

Editor

Don Linder

Board of Directors

Paul Barsamian

Bob Davit

Steve Haas

Joe Keehan

Secretary

Eugene Kislenko

Treasurer

Dan Deitemeyer

Webmaster

Jeff Schulman

COMMITTEES

Banquet

Jim Keehan

Field Marshal

Pete Sidor

Yohay Hahamy

Flying Proficiency

Tim Niemiec

Ron Petterec

Fun-Fly

Bob Davit

Ground Crew

Dennis Brumley

Noise

Frank Stillson

Picnic

Program

Safety

Dennis Brumley

The Toledo Weak Signals show

Dennis Brumley, Bob Davit and **Tim Niemiec** made the pilgrimage to Toledo this year. We saw a lot of new planes, and some new technology. From the Futaba 14MZ to a new adjustable pitch propeller, there was something for everyone to see. We sat in on the auction and had some fun there. We spent countless hours perusing the aisles of the Segate center. We met **Jason Shulman** and **Mike McConville**, (both outstanding Scale Aerobatic competitors), **Jarvis** from MAXX Products, and many other big names in the hobby. This is like the Oshkosh of the R/C hobby; you need to make it there once in a while. You probably have hit the Chicago R/C show, but you are limited there. At the Toledo show, you can swap, buy, auction and barter for R/C stuff. Most of the top names in R/C are there and it's worth the trip. Check out some of the pics we took in the picture forum on Bluemaxrc.com.

MEETING MINUTES



by Eugene Kislenko, Secretary

Blue MAX R/C Flying Club

January Meeting Notes

Meeting Date: March 21, 2005

Secretary: Eugene Kislenko

Jim Janiak called the meeting to order at 7:35 PM.

Cockpit Announcement

We had the privilege of welcoming new members, **Shawn Meadows** and **Jon Oehlberg**. Both are **Joe Keehan's** grandsons and are dying to follow granddaddy everywhere, even into the skies. It is always great to see multiple generations participating in the hobby! Welcome to The Club and to the hobby! You will have lots of fun here!

We also welcome **Joe Haas**. Joseph and his son **Max** were referred to us by Venture Hobbies and are looking forward to enjoying this hobby.

Monthly Fly-in

Jim Janiak welcomed tonight's guest **Rich Frost** – the "radio guy". Many Club members know Rich very well. This is not the first time Rich has visited the club and shared his great knowledge and expertise in the field of RC radios and batteries.

Around the Hangar

The Secretary's report was corrected. Dan Deitemeyer pointed out that the Treasurer's report is not available online yet. After this correction the secretary's report was accepted as published in the newsletter. **Dan Deitemeyer**, Treasurer, provided an update of our financial situation. We are financially strong. The Operating Fund is approximately \$7,100. The complete Treasurer's report should be available online by the time of the April meeting.

For this year The Club has two Field Marshals. **Pete Sidor** and **Yohay Hahamy** volunteered to co-chair this position. Pete and Yohay, thanks for stepping forward. The tentative schedule for grass cutting on the field is still under investigation.

Bob Davit volunteered to chair Fun Fly. Our 1st Fun-Fly is scheduled to take place on April 17th. It is getting warmer and it's time to have some fun. I am sure all of us are looking forward to it.

It is still too early to start planning for the Picnic.

Noise Control. **Frank Stillson** reminded everyone again about the importance of noise control. This time Frank brought the chart showing the effects of the size of the prop and the speed of rotation on the noise the prop produces.

Refreshments. **Jim Speers** is passing this job over to **Rudy Krolopp** for a while. Thank you, Rudy.

Dennis Brumley, Safety Director, reminded everyone to do all necessary checkups of their planes and equipment as flying time is rapidly approaching.

Webmaster. Check out the Web site, as it is undergoing a number of changes. Please forward all ideas or comments about the web site to **Tim Niemiec** or **Ray Zinkowski**.

Fuel purchase program. The program will be on hold for a while. The final decision will be made by the next meeting. The program will be activated if there is enough interest generated by the Club members.

Unhappy Landings

Last month **Steve Haas** lost his chopper. In addition there were a number of crashes on the field but they are believed to be not experienced by The Club members.

Ready for take-off:



Rich Tyler brought his Cessna from Hangar 9. It is powered by an OS .40 FX and weighs about 6 lb dry.



Matt Hauser proudly showed his Patriot from Great Planes. The plane is powered by an OS .91 FX and weighs about 8.5 lb.



Al Burns brought his modified CG Eagle 2 trainer. The plane still needs some work but Al is looking forward to flying it soon.



Steve Haas brought a "little brother" from the Funtana family. It is a little electric plane which weighs around only 1.5 lb.



Pete Sidor showed his Ace powered by a .61 Super Tigre engine. Pete was working on this project with **Yohay Hahamy**.



John Brach showed his 13.5 oz electric Tutor built from a Great Planes kit.

Top Gun:



Dennis Brumley showed his Yak 54 from Extreme Flights. It is about a 30% sized airplane and is powered by a DA-50 gasoline engine. It weighs about 16 lb. According to Dennis this is one of the best ARF's he has ever built.



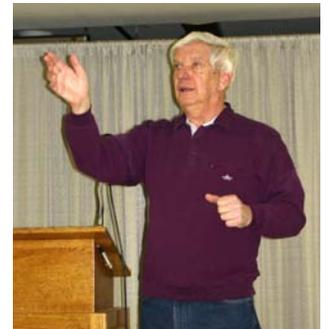
Ray Zinkowski is the proud owner of the raffle prize – the Four Star 40 ARF from SIG.

Pilot's Briefing:

This month's guest speaker was **Rich Frost** – our local radios and batteries guru. Rich has worked with RC radios since the "dark days" of RC – he still remembers systems built with tubes. Rich shared his expertise on pros and cons of different batteries which are currently used in the hobby – from ever popular NiCds to becoming very popular LiPos.

Rich suggested cycling NiCd batteries at least once after winter "sleep". He noted that these batteries are very difficult to "kill". Usually, unless there is a problem with one of the elements, the battery can be revived by cycling it couple of times. NiMh batteries are different because they need to be recharged more frequently during long idle periods.

LiPo batteries are becoming very popular, but require more careful use. If you discharge this type of battery below a critical level, you most likely will have to throw it out and replace it. A second problem from Rich's



perspective is that these battery packs provide 7.4 volts, and current onboard equipment is designed to work with up to 6.0 volts power supply. Another problem is a fire hazard while these battery packs are charging. NEVER LEAVE THESE BATTERIES ON CHARGE UNATTENDED. Also, get into the habit of taking these batteries out of the plane and charging them in some kind of metal tray. ALWAYS use the charger SPECIFICALLY DESIGNED for LiPo batteries. Good news is that these batteries can be recharged in only a couple of hours.

After his presentation Rich answered tons of questions from the members about batteries, power sources and radios. If you need to get in touch with Rich (RAF R/C Avionics) try his email RAF4RC@hotmail.com, call him at 847-255-3017, or contact him through Rudy Krolopp. We would like to thank Rich for another great presentation.

New Four-Stroke Engine Test

by Dan Deitemeyer



RCV Engines LTD has provided a new RCV58-CD four stroke engine to the Blue Max R/C Club for close inspection and testing. The engine was displayed at the club meeting in February and its unique design was briefly discussed.

RCV brags that their 4-cycle engine has only one more moving component than a 2-cycle engine. The extra moving part is the rotating cylinder! Yes, you heard right – the cylinder is suspended between two bearings and it rotates around the piston driven by a gear at the base of the cylinder meshed with another gear on the shaft. At the top of the cylinder are three ports: inlet, ignition (standard glow) and exhaust. As the valve arrangement rotates the combustion chamber, the engine achieves the conventional four cycles: induction, compression, power, exhaust.

RCV offers two styles of engines, both based on the **R**otating **C**ylinder **V**alve concept. The CD series (58 and 91) are die cast engines and compete in price and performance with Saito and OS engines of equivalent size. RCV's SP series engines are offered in three sizes (60, 90, 120), are CNC machined, more expensive, but designed to fit into tight cowls of scale aircraft.

Dennis Brumley volunteered to provide break-in service on the engine. The factory recommends a two-hour total run time for break-in using fuel with 10% nitro content. Disassembling the engine and reassembling should be a sobering experience for Dennis – the instructions for reassembly call for the use of “two cocktail sticks”. *Dennis assured me that he had access to these special tools.* Den's opinion of the engine will follow in a future newsletter.

After break-in, we plan to mount the engine on a 40-size airplane and find out how it performs at the field. Expect to see and hear more about the RCV58 as we get into the flying season. More information about RCV and their engines is available at www.rcvengines.com. Blue Max Club members receive a 15% discount on all factory-direct orders through August 31, 2005.

Next Fun Fly: April 17th, 2005

Come join us for the first Fun-Fly of the year! It will be a timed **Touch and Go**. Now is the time to get out there and start practicing. To Download a PDF for the Fun-Fly go online at <http://www.bluemaxrc.com/funflys.html>.

Start time is **10:00 a.m.** and usually runs about 1 hour. The Fun-Fly is set-up so that all skill levels can participate, even if you're on a buddy box with an instructor. Every participant receives a prize for participating in the Fun-Fly. A handicap system is used to give everyone a chance at the good position / prizes.

Noise is a major concern at the Deer Grove Flying Field so as an incentive to quiet down our planes, bonus percentages are added to your score. Planes over 100 dB are prohibited from flying in the Fun-Fly. Planes with a dB reading of 90-95dB receive a 5% bonus and planes below 90dB receive a 10% bonus. Decibel readings are taken at the beginning of each Fun-Fly and AMA cards maybe checked.

GROUND CREW

Ardie Arnold
Dennis Brumley
Larry Bochenko
Gene Derbick
Jim Keehan
Joe Keehan
Herb Rizzo

INSTRUCTORS

Basic
Don Linder

INSTRUCTORS

Primary

Paul Barsamian
Larry Breit
Ed Der
Jason Derbick
Maurice Forde
George Gibish
Steve Haas
Ira Katz
Kurt Schmitt
Clay Smith
Jim Speers
Frank Stillson
Don Wolfe

INSTRUCTORS

Unlimited

Tim Niemec
Ron Petterec
Barry Schilling
BobTomasulo
Howard Woepse

UPCOMING BIRTHDAYS

April

Frank Stillson 4/19
Jay Mamon 4/21
Ken G. Grandt 4/23
Jeff Stinson 4/23
Mark Hepler 4/27

May

Brian Marazas 5/6
Gene Derbick 5/8
George Gibisch 5/8
Larry Breit 5/9

BLUE MAX WEAR

Caps \$10

T-Shirts \$10

Sweatshirts \$22

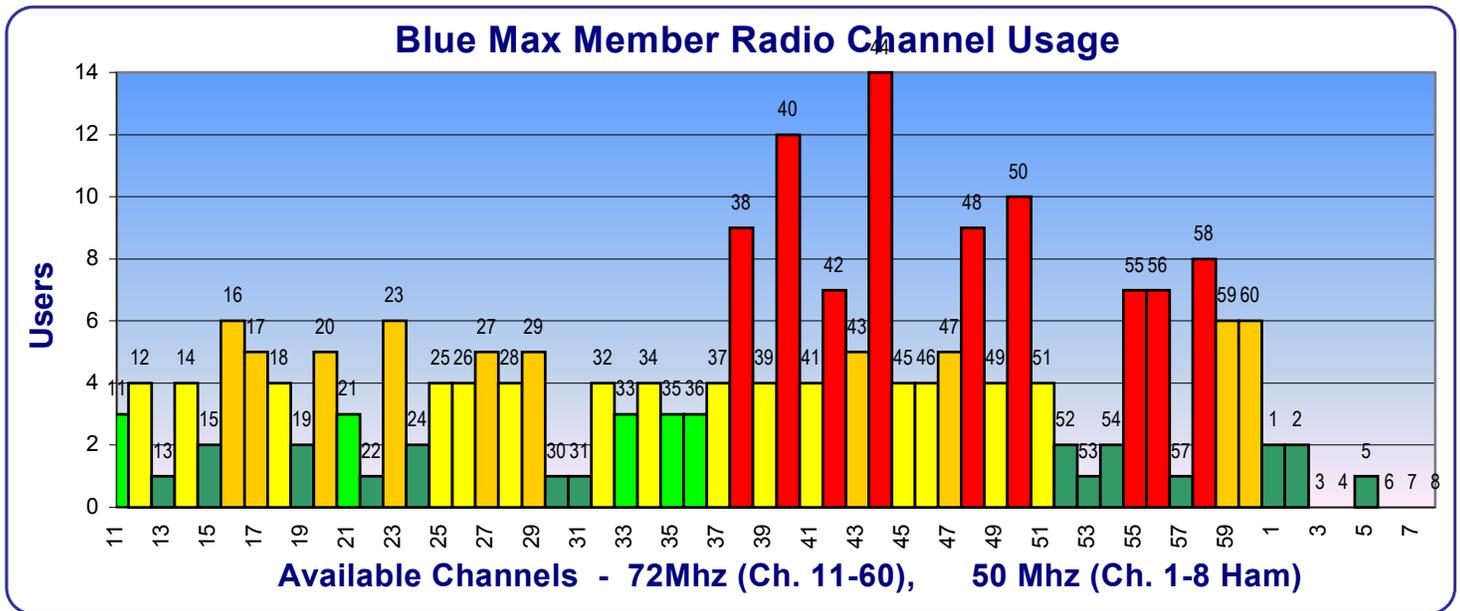
Save \$2

T-Shirt & Cap Combo \$18



Be as cool as these two wild and crazy flyers.
Get your Blue Max caps, T-shirts, and sweatshirts.
Available at the meetings. See Ira Katz

FREQUENCY CHART



Please contact Blue Max at (Info@BlueMaxRC.com) with the following information to add or change radio channel numbers.

1. Your name.
2. All transmitter channels (example: 16, 44, 58 and Ham 4).
3. Any other comments.

FOR SALE

Goldberg Decathlon with a Saito 91

Wing Area: 969 sq in

Wing Loading: 23.7 oz/sq ft

Includes: Saito 91 four stroke, runs excellent; Tru-Turn aluminum spinner; APC 14x6 prop; 5 - Hi-Tec 605BB high torque servos (2 ailerons, 2 elevators, 1 rudder) 1 - mini throttle servo.

All that is needed is a receiver and transmitter, ready to fly. This model has been flown approximately 50 flights. It has never been crashed. Model is covered in Ultra-Cote.

Price: \$450.00.

Wingspan: 80.75" (2 piece wing w/aluminum wing tube)

Weight: 9.5-10.5 lb

Airfoil: Semi-Symmetrical, High-Wing.

Contact: Larry Breit, TheBreit1@comcast.net.

Hangar 9 CAP 232 - Ready to Fly

Includes: Airframe w/ Hitec dual BB HS605BB servos; Saito 1.80 4-stroke engine, lightly used

Prop and spinner

NiMH battery (trickle charged)

Futaba 8 channel PCM receiver FP-R138DP

Spare cowl

This airplane is ready to fly as-is! Just put in a new crystal for your frequency, set up your radio, add fuel, and you are ready to go. I prefer to sell the whole airplane, but if you only want parts make an offer.

Price: \$1000 for everything!

Contact: Clay Smith at geekus@comcast.net or call (847) 229-1365

WANTED TO BUY

Buddy Box

Contact: Todd Tiegler at ttiegler@yahoo.com

**Blue Max R/C Flying Club
AMA # 1040
www.BlueMaxRC.com**

Look on the web for the newsletter in color.

**UPCOMING EVENTS FOR
April – June 2005**

April 2005

17) Fun Fly

18) Monthly Meeting

May 2005

15) Fun Fly

16) Monthly Meeting

June 2005

19) Fun Fly

20) Monthly Meeting
