



Blue Max Aces

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

Editor – Don Linder

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Inside This Issue

Arizona Flying	1
Proficiency	2
Birthdays	2
Jim's Jabber	3
On The Web	4
Instructors	4
Meeting Minutes	5
Sound & Propellers	7
Blue Max Wear	7
Frequency Chart	8
For Sale	8
Wanted to Buy	8
Winter Flying	9
Coming Events	10



Bring those new Airplanes for Show and Tell.

Start working on the next level skills.



Rich Frost speaks at the March meeting.

See Quiet Propeller RPM on page 7.

Arizona Flying

During March, **Herb Rizzo** and **Barry Schilling** journeyed to Arizona to visit **Ron Petterec**. Earlier there had been an unusual number of rainy days during which Ron got his ten (Arizona) airplanes ready to fly. During the three-day visit, most of these got a rigorous workout by the Three Amigos.



Barry lands the large Rascal, a favorite.

President

Jim Janiak

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Tim Niemiec

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Don Linder

Board of Directors

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Joe Keehan

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Dan Deitemeyer

Webmaster

Jeff Schulman

COMMITTEES

Banquet

Jim Keehan

Field Marshal

Flying Proficiency

Tim Niemiec

Ron Petterec

Fun-Fly

Ground Crew

Dennis Brumley

Noise

Frank Stillson

Picnic

Program

Safety

Dennis Brumley

More Arizona Flying



Herb Taxis.



Nice Facility Provides Needed Shade.



Electric Rascal was Overstressed.



Ron Expresses his Respect for the Departed.

Proficiency

(Flying year round helps Ron keep his skills sharp.-Editor) For student pilots who don't have the chance to fly during the winter, work on your airplane maintenance and get your buddy boxes coordinated, so you will be ready to go when the weather gets good. Use a flight simulator if possible. Solo, Intermediate, and Advanced pilots, start studying the maneuvers for the next level of proficiency. Again, use a flight simulator to try the next level maneuvers if possible.

by **Ron Petterec**

UPCOMING BIRTHDAYS

March

Donald M. Andrews	3/23
Peter Landon	3/26
Michael Evans	3/27
Malina Phillips	3/27

April

Kishore Subbaro	4/1
Dusty Edmonds	4/2
Bob Schlumpberger	4/2
Daniel Elekman	4/3
Howard Gerson	4/3
Terrance Kelly	4/5
Eugene Kislenko	4/8
Charles Henrici	4/9
Alex Peterson	4/10
Steve Cynor	4/12
Howard Woepse	4/12
Aaron Appell	4/14
Salomon Hernandez	4/16
Kurt Schmitt	4/17

Jim's Jabber

by *Jim Janiak, President*



Spring is just around the corner and soon we'll be back in the air. It may be hard to believe, but our first Fun Fly is just over a month away! I'm writing this looking out over a snow covered lawn wondering if we'll need skis for the April Fun Fly.

Even though it's still winter, the club has been active on several fronts. One of our focus areas for this year is helping members advance in their flying proficiency. The board has discussed various ways we can put this into action. One of the things we're doing is putting together a new member package. In addition to the name badge and membership card, new members will be receiving a Blue Max Student Pilot's Flight Manual. The manual contains a wealth of information designed for the beginner pilot. It will help them understand the basics of R/C flying and proper safety procedures. It should help new pilots get into the air sooner and safer without placing a bigger burden on our ground crew and instructors. A big round of thanks goes to **Ray Zinkowski** who put together the flight manual.

Tim Niemiec has created pilot progress forms. These forms follow the requirements for each of our proficiency levels, and organize the requirements in a logical learning sequence. Space is provided for instructor comments and dates. This will allow instructors to view the novice pilot's progress, build upon what they have mastered and focus on what they should learn next. The form will also let the novice pilot see their progress and hopefully feel a sense of accomplishment on the way passing their proficiency test. When all the steps have been completed the novice pilot will take the proficiency test just as they do now. The forms will be kept at the field in the impound stand for easy access by instructors.

The website is also getting a refresh. **Jeff Schulman**, **Ray Zinkowski**, and **Tim Niemiec** have been working on getting the website updated. Several changes have already been made with more on the way. If you haven't checked out the website in a while now is a great time to do it.

The G.A.S. club has once again agreed to have the field rolled this spring. They'll wait until the weather is right to get maximum benefit from the rolling. The cost for rolling the field is several hundred dollars, not a minor expenditure. Everyone in Blue Max and others who use the field benefit from this and appreciate the G.A.S. club's sponsorship of this effort.

What's so exclusive that you can't get it at Blockbuster, Netflix, or even on cable TV? It's the 2004 Blue Max year in review video. **Jim Speers** has once again done an outstanding job in putting together this DVD. Copies will be available at this month's meeting.

This month's program is **Rich Frost** who will talk about R/C radio technology. For anyone considering getting a new radio, this month's meeting is a must see. Rich always presents an interesting and informative program.

Safe flying!

Jim

On the Web

by Jeff Schulman, Webmaster

I am writing to let everyone know about some exciting additions to the club website. If it's been a while since you last visited, please take a moment to pull up the site at www.bluemaxrc.com and look around. On the bottom of the home page you will see a list with the most recent updates. Anytime a picture is added or the newsletter has been posted you will see the change listed with a link.

Here is a list of some of the changes that have already been made:

- Pictures, pictures and more pictures. Check out the picture page and you will see an update of pictures from the last several years. Be sure to click on each picture as it will bring up a large version. Come back to the picture page often as you will see regular updates form meetings, fun flies and summer days at the field.
- The web links have been updated. I am looking for suggestions from club members on sites they have come across that they think would be useful to fellow club members.
- Calendar is updated. Any events that are planned will show up on the calendar.
- A section on the fun fly page will give a recap of the most recent event.

Here is a list of what you will see within the next few weeks:

- Updated building tips, flying tips, and many other resources. If anyone has anything they would like to contribute please let me know.
- 3 weeks before the next fun fly, a run down of the planned event will be listed. This should get everyone excited before the event.

As I have said before, the site is for everyone and if there is anything you would like added please let me know. I want to encourage everyone to visit the site often as there will be regular updates.

I look forward to seeing everyone out at the field this spring.

Happy Flying.....

Jeff

GROUND CREW

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

INSTRUCTORS

Basic
Don Linder

INSTRUCTORS

Primary
Paul Barsamian
Larry Breit
Ed Der
Jason Derbick
Maurice Forde
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

MEETING MINUTES



by Eugene Kislenko, Secretary

Blue MAX R/C Flying Club

January Meeting Notes

Meeting Date: January 17, 2005

Secretary: Eugene Kislenko

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

Cockpit Announcement

We had the privilege of welcoming new members, **Ravi Sarvepalli** and **Kishore Subbarao**. Ravi and Kishore recently visited Venture Hobbies and decided to try to develop their skills building and flying airplanes. Welcome to The Club and to the hobby! You will have lots of fun here!

Jim also welcomed **Mickey Cohen** and **Rayner Hutchinson** who visited the meeting with the intention to join the ranks of RC flyers and possibly The Club later.

Monthly Fly-in

Jim Janiak welcomed tonight's guest **Dave Taitel** – the new owner of Venture Hobbies. Dave told us his life story, his great enthusiasm for this hobby. He still enjoys flying himself and he once again pledged his continuous support to The Club and to its members.

Around the Hangar

The Secretary's report was accepted as published in the newsletter. **Dan Deitemeyer**, Treasurer, provided an update of our financial situation. The Operating Fund and the Field Renovation Fund have been combined and as of the beginning of the meeting, the Operating Fund is approximately \$6,700. The complete treasurer's report is available online.

Jim Keehan thanked everyone for participating in the Banquet and making it a great success. In fact, in his latest newsletter, The Magician called the Blue Max's Banquet "a success of the month". **Jim Speers** had put together a video "Blue Max In 2004". He also had added bonus material to this DVD with the story of building and test flying of **Bob Davit's** C-130. The price of the DVD is \$5, and those who sign in at the meeting will receive the DVD at the March meeting. Those who didn't sign up, try to contact Jim Speers directly.

We are still looking for a Fun Fly Chairman. The picnic – too early to start planning it.

There was nothing to report by the Field Marshall. Noise Control - **Frank Stillson** reminded about the importance of checking soundness of the construction, because "noise of the box" can be a huge contributing factor. Frank also reminded everybody how close our flying field is to the apartment complex on the north-east. **Dennis Brumley**, Safety Director, reminded everyone that it is time to start checking and replacing – if necessary, batteries, linkages, servos and other components. Do not forget the switches, especially if your plane spent winter in the garage. **Tim Niemiec** talked to Webmaster, **Jeff Schulman**, and informed the club that some changes are coming to the web site. If you have any suggestions for the look and feel of the web site please e-mail them to Tim.

Changes are coming to the flying proficiency program. This will affect primarily the Basic instructions. Soon the skills/examination sheet will have space for tracking candidates' progress. Another comment was made explaining that members of the club should not hesitate moving to the Advanced level because "Advanced" pilot does not automatically make you an Instructor.

In the Lab

Dan Deitemeyer brought to the meeting a new RCV 4 stroke engine which was donated to The Club by the manufacturer. The engine looks different from a "traditional" 4-stroker and is working based on new technology called "revolving cylinder". The engine is more compact but not lighter than its traditional counterpart of the same size. **Dennis Brumley** is charged with the task of breaking this engine in and testing it. Dennis will report results to The Club on a later date.



Ready for take-off

Brian Johnson from Venture Hobbies brought his “new toy” – 124” wingspan all composite ARF Extra 330L. Brian pointed-out high quality workmanship of this ARF. The plane is powered by gasoline engine – DA 150 which spins a 3 blade 29x12 prop. The plane weights roughly 40 LB., has 4 batteries and one receiver. The tank is 50 Oz which allows for about 11 to 12 minutes of flight. The total wing area is 3,000 square inches. New experience for Brian was working with canister mufflers. They are significantly bigger than other mufflers, but make the plane so much quieter.

Lee Eckert brought 2 planes.



First one is a 28% scale Australian Corby Starlet circa 1960's. It is powered by Saito 80 and is very nicely built from the kit by Sportsman Aviation. Lee likes this plane a lot and can't wait to take it up in the air.



Second plane – 120/150 sized Yak 54 model built from the kit by Quique Somenzini – a Brazilian sports flyer. He flies “the real thing” and is well known for building high quality kits. The plane is powered by a YS 140L and Lee is happy to have this addition to his hangar.



Tim Niemiec brought his reborn AK model Something Extra. Those of you who was present at the “Limbo” fun fly last year might remember how this “duck flyer” was “injured”. The plane is now back to the flying line and Tim is looking forward for more fun times with it.

Top Gun

Dennis Brumley is the proud owner of the raffle prize – the Great Planes Gee Bee Racer ARF.

Pilot's Briefing

This month's guest was **Dave Taitel** – the new owner of Venture Hobbies. Dave started in the hobby at a very early age when he was about 8 years old. He was introduced to flying by his father. Later on Dave's father lost interest, but Dave was “hooked for life”.

During his college years Dave was “distracted” by other interests but later on he returned to the hobby. The hobby became a business when Dave opened-up the “Hobby Garage” in the Naperville area.

Dave still enjoys flying and we can expect to see him at the flying field. The forecast for the future – Dave is convinced it is electric.

It is great to see that the new owner of our favorite local hobby shop is a great enthusiast of the hobby and we once more wish Dave lots of success with his business.

Sound and Propellers

by *Frank Stillson*

Upon bringing your aircraft to the field for the first or hundredth time, you test the sound generated by your aircraft and you realize that it is quite loud. Why? There are four main sources of noise “producer’s” on our planes. Exhaust noise, engine mechanical noise, airframe noise, and PROPELLER NOISE!

Upon inspection, the airframe is very solid, a good muffler is installed, yet when you run it up it is still very noisy. The most obvious culprit is probably the propeller, and the RPM that it is turning. Propeller noise can be managed fairly easily. If the tip speed of the propeller exceeds 550 feet per minute, then the propeller becomes the predominant noise contributor. To check this you need to use a tachometer to determine the actual RPM of the engine propeller combination. At this point one can determine how to proceed.

Some numbers as to prop size and RPM:	10” prop should not exceed	12,600 RPM
	12” less than	10,500
	14” less than	9,000
	16” less than	7,800
	18” less than	7,000
	20” less than	6,300
	22” less than	5,700
	24” less than	5,200 RPM

The kind of propeller installed is also very important. The composite props, APC and others, are quieter than wooden types. With some care we can all enjoy this fine hobby and not offend too many people, such as the neighbors in the condominiums just to the east of us. Take the time now to keep your aircraft quiet and enjoy the flying season.

BLUE MAX WEAR



Caps \$10

T-Shirts \$10



Sweatshirts \$22

Save \$2

T-Shirt & Cap Combo \$18

Blue Max caps, T-shirts, and sweatshirts are available at the meetings. See Ira Katz

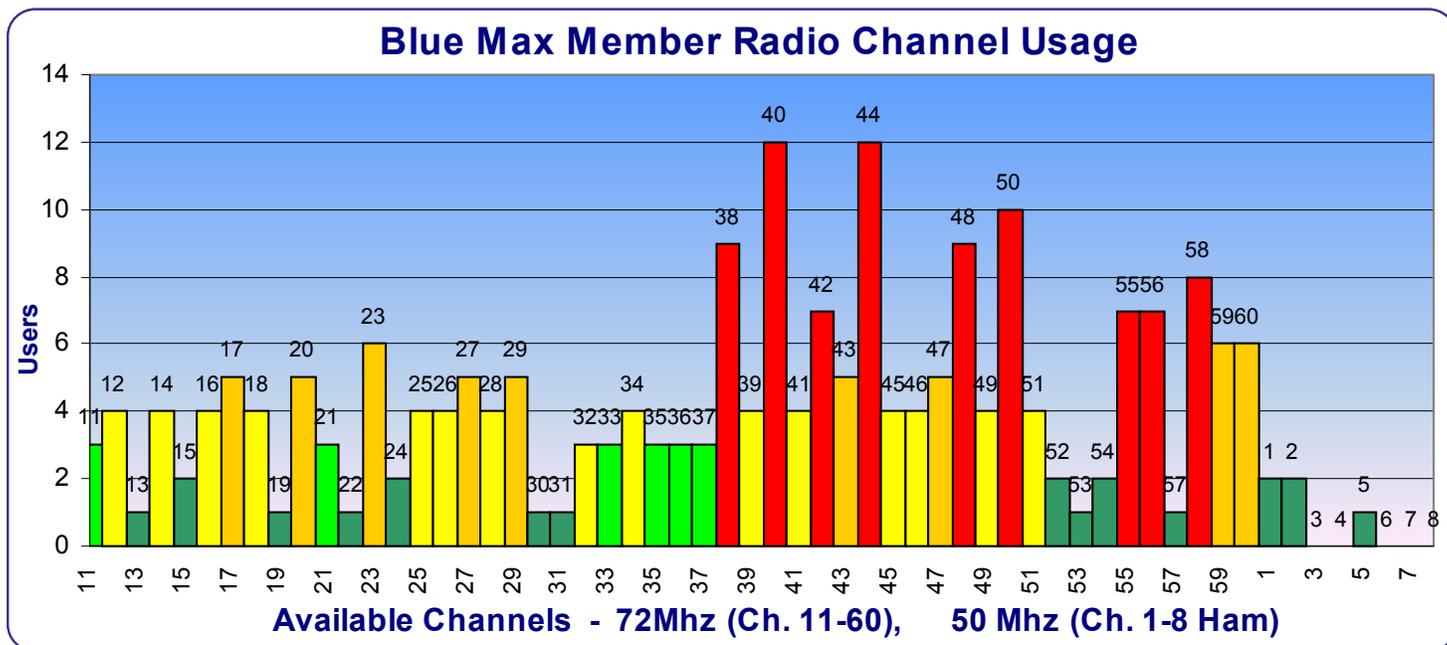
Aeronautical Truisms

-When one engine fails on a twin-engine airplane you always have enough power left to get you to the scene of the crash.

-A smooth landing is mostly luck; two in a row is all luck; three in a row is a prevarication.

-A pilot who doesn't have any fear probably isn't flying his plane to its maximum. -(Jon McBride, astronaut)

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

Wingspan: 80.75" (2 piece wing w/aluminum wing tube)
 Weight: 9.5-10.5 lb
 Airfoil: Semi-Symmetrical, High-Wing.

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.

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 Futaba 8 channel PCM receiver FP-R138DP
 NiMH battery (trickle charged) 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

Flying at Deer Grove 3-13-05



Duane Lang repairs copter. Marv Green watches.



Duane flies helicopter photo pass.



Just enough snow to take off.



Ultra Stick 40 with Dubro skis.

The weather report on 3-13-05 was 31°, mostly sunny, west wind 5-10 mph. **Duane Lang** is one of the winter heli fliers at Deer Grove. Snow doesn't bother the helicopter fliers. Airplanes on skis can be a lot of fun. This UltraStick 40 with skis has been out 12 different days in November through March when the snow was okay and the wind was under 10 mph with temperature in the 30's or better. For me, this is the ideal winter airplane. I also was out 10 times in December through March on wheels, so about half of my winter flying has been on skis. Other ski fliers I know are **Rudy Krolopp** and **Bob Risteau** of the G.A.S. club. *by Don Linder*

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

Look on the web for the newsletter in color.

**UPCOMING EVENTS FOR
March – May 2005**

March 2005

21) Monthly Meeting

April 2005

17) Fun Fly

18) Monthly Meeting

May 2005

15) Fun Fly

16) Monthly Meeting
