



THE AERIAL VIEW

A Publication of the Las Vegas Radio Control Club

January-February 2009

Big Plans and New Officers in Place for 2009

By Alec Sonenthal

At the annual holiday party, two returning and two new officers were officially installed. Returning are President Tom Brandt and Treasurer Rockie Roper.

Taking the helm at Vice President is Gene King. An avid modeler for many years, Gene is a recent transplant to our community and flies a variety of large-scale and smaller planes. More from Gene in his column below.

Jumping in as our new Secretary is John Hanson. We'll hear more from John in future issues.

President Tom Brandt is a man on a mission with new programs and events, and as a result, 2009 promises to be a busy year. We'll start the year off with our annual Heli-event



in March (always a huge turnout) and we'll be hosting our quarterly trainer events. There are night flies, IMAC competitions, and lots of great flying events at William Bennett Field.

Look for more potlucks and other social activities such as the New Year's Day potluck and fly-in this year - what a success!

We'll be working closely with the Parks Department on the management of the flying field, and we'll be involved in several parks and recreation programs, such as Clark Country Volunteer Appreciation Day on April 25.

Overall, the LVRC will be getting more involved in the Southern Nevada community, involving the public in RC flight, and many other activities throughout the year.

2009 Officers

President

Tom Brandt

Vice President

Gene King

Secretary

John Hanson

Treasurer

Rockie Roper

Newsletter Editor

Alec Sonenthal

alec@greenbrook.com



VP Viewpoint...Gene King



I have been in the RC hobby for 38 years (started when I was 2). Much of that time was spent in the Mount Rainier Radio Control Society where I served as president, vice president, and secretary for the club.

I learned that 10% of the members do 90% of the work, but the club comradery is a great experience and you will make lifetime friends.

I flew nitro planes for sport flying as well as Fun Flys and Quickie 500 racing. I moved to Florida and was basically out of the hobby from 1995 until 2008, and boy has the hobby changed.

With the ARF's a whole new world has opened up. I am flying my first giant scale plane (30% Edge 540) and that is a new experience also. They require a much different setup, which I have learned from club members at the field. Our hobby has people that are willing to share their knowledge with others to assist them in their endeavors of RC flying.

You may not realize how lucky we are to have Bennett Field and LVRC. All of the clubs I have been associated with in the past had to maintain their field, which involved membership work parties and lots of money. LVRC dues are extremely low and the flying field is phenomenal.

As a newbie/rookie to LVRC I am very impressed with the club leadership of Tom Brandt. I hope the membership realizes how much time and effort Tom puts in for our club and I look forward to helping bring new members and activities to the club and in supporting Tom in 2009.

Our club has accomplished a great deal in its first 50 years, but there is much more we can do. We must work with our landlord (Clark County) to maintain and improve our relationship with them.

One of our past presidents (at least I think that was what JFK once said) "Ask not what your club can do for you, but what you can do for your club."

PS I know you guys are thinking "who is this clown?" but remember you voted me in, and now you will have to live with my sense of humor and requests to help the cause.

Club News and Views

Upcoming Meeting Schedule

- February 19, 2009
- March 12, 2009 (note change of week due to Heli Event)
- April 16, 2009
- May 21, 2009

All meetings are at 7:00 p.m. In the back room of the Skyline Casino Restaurant. Show up an hour early for dinner with fellow club members!

Membership Dues Reminder

Club dues needed to be paid by February 1st. If you haven't paid this year, please contact Rockie Roper right away to make arrangements.

William Bennett Field Reminders

Our flying field is a fabulous asset and a great place to fly, but there are some reminders for all who fly there (club and non-club members alike):

- No equipment, fuel, planes or helicopters can be on the picnic benches under the shelter, under any circumstances!
- You must have a 2009 AMA card in your possession at all times!
- Flying is permissible from 7:00 a.m. to dusk.

Please note that Clark County Park Police may ticket you for any of these infractions, so be warned!

A Reminder from our President...

Tom Brandt wants to remind all club members that club information not to be discussed in public, especially at Bennett Field. Club business is for club members ONLY!

LVRC Receives AMA Gold Leader Club Award!

In order to recognize the leadership of the best model clubs, the Academy has established the AMA Leader Club Awards. These awards can be earned by any AMA Chartered Club, by meeting certain standards of community service and activity.

Thanks to our club leadership and great members, the LVRC has fulfilled all requirements for this recognition and has been awarded Gold Leader Status! Way to go, folks!

Welcome New Members!

Glen Cox and Matt Heninger



Tips and Tricks

Captured on Tape

Before cutting steel control cable, wrap it tightly with masking tape to prevent the strands from unraveling as you cut. It makes it easier to solder into a threaded push rod end too. Remember to wear safety goggles.

Paper Circles

Use a paper punch to cut out little circles of gummed paper. Stick these pieces to the backside of firewall blind nuts. Once you do this, you can fuel proof the tank compartment with resin without fouling the threads of the blind nuts.

Push Rods

Did you ever go through all the trouble to make up your control surface push rods only to find at installation that they were a quarter inch too short? Try this easy way to get the lengths just right.

Tie a string to the control horn on the control surface. Drop the free end of the string through the fuselage. With the control surface in neutral position, tie the other end of the string to the servo arm. Cut off the excess string at both tie points. Now, cut the string at the ties and what you end up with is a piece of string that is the exact length of the push rod you will need to fabricate.

REMOTE POSSIBILITIES RC CLUB
OF ST. GEORGE, UTAH
WWW.REMOTERC.COM TO SEE FIELD AND MAP

PRESENTS THE **33RD ANNUAL**
2009 PRESIDENTS DAY FLY-IN

AT THE
REMOTE POSSIBILITIES RC CLUB FLYING FIELD (DIRECTIONS AT BOTTOM)

WAR BIRDS, SCALE, SPORT, HELICOPTERS, JET TURBINE, AEROBATIC AIRCRAFT AND MORE!

20 - 22 FEBRUARY 2009
9:00 AM - 5:00 PM HOURS DAILY
SUNDAY TILL NOON

12:00 PM - 1:00 PM FRIDAY AND SATURDAY FLIGHT DEMONSTRATIONS

BEST AIRCRAFT: PILOTS CHOICE
BEST AIRCRAFT: PEOPLE'S CHOICE

FOOD STANDS
RAFFLE
AMA MEMBERSHIP REQUIRED
\$35.00 LANDING FEE/ PILOT
SPECTATOR PARKING: \$5.00 /CAR DONATION

RV PARKING AVAILABLE (NO HOOK-UPS)

DIRECTIONS
GET OFF I-15 AT BRIGHAM RD GO UNDER BRIDGE AND AROUND THE ROUND-A-BOUNT AND OFF ON PIONEER RD. TURN RIGHT ON MAN OF WAR RD. GO OVER THE BRIDGE THEN LEFT ON W. BLOOMINGTON DR. LEFT AT 1470 TO END, GO RT, TURN RT AT THE ELECTRICAL STATION AND DRIVE THROUGH THE LEFT GATE AND FOLLOW ROAD AROUND TO THE LEFT AND THEN LEFT AT THE TREE FARM, TURN RT AT THE T INTER-SECTION AND FOLLOW THE ROAD UNTIL YOU SEE THE TWO TELEPHONE POLES WITH THE GATE AND YOU ARE THERE

Fly Barless RC Helicopters

Warning – It is said that once you go flybarless, you won't want to go back. OK. So what's a flybarless RC helicopter? Simple answer: A helicopter without a flybar. The following is an overview of the system and was condensed and edited from an article located at RCHelisite.com.

Flybarless helis have been out for a while and are becoming more popular and less expensive. Flybarless systems use a series of gyros and software controlled mixers to take angular momentum measurements that replicate the feel, control and stability of a traditional flybar system. Sometimes called a virtual flybar system, the rotor heads on flybarless helicopters are much simpler than traditional rotor heads because they have fewer parts. For example, flybarless head designs don't have a flybar, cage, mixing arms, carrier, washout or paddles.

Do you even need a flybar? The purpose of the flybar is to do three things:

- 1 Provide gyroscopic stabilization to keep the helicopter level.
- 2 Reduce the cyclic load on the servos.
- 3 Compensate for the pitch up effect of a helicopter in fast forward flight.

So, without a flybar the controls will be super-sensitive making the heli difficult to control. Also, without a flybar you couldn't do any 3D maneuvers and would experience considerable pitching problems in forward flight.

There's a ton of upsides of a flybarless system and that is, in part, why they are becoming more popular. For example, flybarless systems can be set up so it will pretty much offer hands-off stability when there's no wind. And because there's less parts there's less weight and drag; that translates to more power and faster cyclic inputs.

The only real downside is that a flybarless system is more expensive. However, depending on the gyro you're using and the flybarless system you choose the difference may not be that great, say two hundred bucks or so, but the benefits are supposed to be well worth it. Electronic prices seem to be decreasing and one-day flybarless heli's may be on par with a flybar system. One other minor downside is that flybarless helicopters are bit more complicated to setup. However, due to the many setup options the upside is that the performance is insanely tunable to suit any flying style.

Let's look at some benefits of a flybarless system:

1. Increased flight time
2. Increased power
3. Increased maneuverability
4. Less weight, less drag, less vibration
5. Crashes are a bit less expensive due to fewer parts
6. More customizable to flying style
7. Looks better
8. Sounds sweet

Pilots say flybarless helicopters have a different feel than flybar systems - they are quicker and more precise, like an extension of your hands. If you're a new pilot though, you may find that a flybarless helicopter can be slightly more sensitive and jerky because they're quicker to react - every movement is almost instantaneous (this of course depends on how you set it up). In the hands of a skilled pilot though, they're very smooth and precise. Szabo's, got flybarless?

How does a flybarless system work? Well, that's a topic for another newsletter.



Area Hobby Stores

Dansey's Hobbies

4252 E. Charleston Blvd.
Las Vegas, NV. 89104
(702) 453-7223

Henderson Hobbies

117 Water Street
Henderson, NV 89015
(702) 834-4094

Hobby People West

2610 S. Decatur Blvd
Las Vegas, NV. 89102
(702) 871-6191

Hobbytown USA

5085 W. Sahara Ave.
Las Vegas, NV. 89146
(702) 889-9554

Hobby People Shack East

5466 Boulder Hwy
Las Vegas, NV. 89122
(702) 547-2204

Nice Twice Hobbies & Sports

3111 S. Valley View Blvd
A-117
Las Vegas, NV. 89102
(702) 876-2280



Our pros bring together the best games, music, video and photographic services that will make your next event the talk of the town!

You've Seen the Rest...Now Call the Best!

Call us today at 702-767-4995
or email us at threeguys@vegaspartypros.com



117 Water Street
Henderson, NV 89015
(702) 834-4094

From the Pilots Seat

By Tom Brandt, President, LVRC



This Month's Topic - 2009 CLUB GOALS

The past year just shot by. It is hard to believe it's 2009. During the past year as President of LVRC I've frequently asked myself: "Are the Club Officers fulfilling our primary responsibility of serving our membership, is the membership achieving its goal of serving the community and are we doing everything possible to

secure the future of this great sport/hobby?"

Don't get me wrong, I'm in no way being critical. I've enjoyed (nearly) every minute of the past year and LVRC has come a long way since its beginning in 1958. The hobby has grown in ways not many of us envisioned and our Club has kept pace and is an organization I am proud to be associated with. Even so, success does not come easy or without constant dedication of all the membership.

I believe there is much more that could and should be done. It is this belief that leads me to dedicate my time and efforts to the Club. We need committed, enthusiastic and effective leadership, a clear understanding of our purpose and a vision for the future of LVRC. Our success in achieving this depends greatly upon establishing a clearly defined set of goals and objectives that leads you and your Club Officers toward achieving our primary responsibility of serving the membership and giving back to the community. I offer five goals for us in 2009:

The Promotion of Model Aviation

Today's youth are the source of tomorrow's RC pilots. We need to be more active in the recreational activity for adults, families and our youth. Our success stories of aeromodelling contributions to our community and youth programs needs to be increased and told to our neighbors, politicians, governing bodies, general public and the AMA. We need to advance the development of RC aircraft programs that introduce model aviation to newcomers of all ages.

These programs, such as 'Trainer Day' and fly-ins like the one at Whitney Recreation Center, need to be enhanced and expanded. This would bring the enrichment of model aviation to a generation of young families struggling to lock in traditional family values and to a generation of troubled youth torn by competing and often detrimental interests.

Fundraisers

I would like to see a fundraiser for a worthy cause such as a Children's Hospital, or one the membership chooses. These kids are seriously ill, do not have a chance to enjoy what we have and we need to extend a hand and bring some joy into their sometimes short and painful childhood. I am not talking about a few hundred bucks but something substantial, \$5 - \$10k, raised at this proposed annual event. I often read in *Model Aviation* where other

clubs are doing this and I see no reason why we can't do it too. All of us together are smarter than I am so maybe you have some good ideas about how to raise a substantial amount of cash.

Partnership with the County

We need to continue and enhance our partnership with the County and Park Service to ensure the improvement and retention of our flying sites; there is no doubt that without flying sites we will no longer have a hobby. Moreover, with the encroachment of houses, Wetlands Park expansion and the depletion of public funds we will need to work harder to preserve what we have at Bennett. This problem is not going away but rather is growing in severity and may gradually impact us. The failure to establish an effective and proactive safeguard today will decidedly foretell the future of our sites.

More Family Events

Increase events like our pot luck outings that will allow our family members additional opportunities to participate in our hobby. We could do a BBQ at Lake Mead, a float fly or, and I would really like to see this one, the reestablishment of something like the TOC at Bennett Field, if financially possible.

And Most Important....

Have FUN and RELAX. This is what RC is all about.

As your 2009 President I pledge my commitment to improve LVRC and it is my personal goal, along with those goals above, to expand our membership and create a greater organization. I will ensure that we, the Officers of LVRC, focus on supporting you, the membership. I need your help to bring this to fruition. Are you in?

NOTE: Richard Hanson, former District X Vice President, provided inspiration for this article in a letter posted on the AMA web site. I took the liberty of plagiarizing some of his wording.

Tom



First Person View RC Flight Update

What is First Person View? also known as FPV, it's an intelligent term given to video-piloting by one of the pioneers of this kind of flight (cyber-flyer*) describing the use of video camera(s) to pilot a RC heli/plane by sending the video back to the user by a wireless transmitter/ receiver so the user will see what the plane sees.

So in short this puts you in the pilot seat of your RC airplane. For a lot of people this makes flying RC even more fun and gives the user a real sense of controlling their aircraft/vehicle. Most people who enjoy piloting by video and do well with it are typically



persons who like video simulation games like flight simulators. Among others are Full-size aircraft pilots, they seem to pick it up quite easily.

The AMA has recently approved FPV flight and have release guidelines for this new segment of RC flight. Highlights of the AMA guidelines:

- An FPV-equipped model must be flown by two AMA members utilizing a buddy-box system. The pilot in command must be on the primary transmitter, maintain visual contact, and be prepared to assume control in the event of a problem.
- The operational range of the model is limited to the pilot in command's visual line of sight as defined in the Official AMA Safety Code (see Radio Control, item 10).
- The flight path of model operations shall be limited to the designated flying site and approved overfly area.
- The model weight and speed shall be limited to a maximum of 10 pounds and 60 miles per hour.



Let's Thank our 2008 Sponsors

The following companies and groups donated time, money and support for our club and this newsletter. Let's thank them by patronizing their services and products!

Complete Automotive Service




Catskill Auto Service
2375 Silver Wolf Dr.
Henderson, NV 89011

Phone 566-0668
Fax 566-3444

TOM HART: Owner



RESTAURANT & CASINO

Website: www.skylinehenderson.com

Martin Pecora
Restaurant Supervisor

1741 N. Boulder Hwy.
Henderson, NV 89011-4123
Phone: 702-565-7907
Fax: 702-565-1536
E-mail: Marty@SkylineHenderson.com



Las Vegas Radio Control Club

Tom Brandt
President

Post Office Box 20818
Las Vegas, Nevada 89112

lvrcpresident@cox.net
www.lvrc.com



The

ULTIMATE GARAGE



- Fits in Any Garage
- Adjustable Heights
- White Finish Standard
- Comm. Grade Steel

Robert Taylor, Owner
6275 Harrison Drive, Suite 9
Las Vegas, NV 8120
702.856.6014
www.theultimategarage.org

Holds up to 600 lbs!

SafeRacks' is the premier provider of overhead garage storage. Our goal is to provide the highest quality ceiling racks designed to utilize wasted space in your garage.

Upcoming Events!

Align Las Vegas Ultimate Competition March 18-20, 2009, William Bennett Field

Invitation only helicopter competition that must be seen to believe! Contact Rockie Roper for more details!

Fabulous Las Vegas Helicopter Fun Fly March 20-22, 2009 William Bennett Field

Plan now for the highly attended and wildly fun Fun Fly!. Give Rockie Roper an email at rockier@rockcopter.com if you want to help out!

33rd Annual Presidents Day Fly-In February 20-22, 2009 Remote Possibilities Flying Club Field

Join our fellow flyers in Utah for a fabulous weekend event in St. George! Everyone segment of our sport will be present, including giant scale, jet turbines, war planes, and more! See the event flyer in this newsletter for more info.

LVRC Trainer Day Event Sat, April 4, 2009, William Bennet Field Time: 9:00 a.m. Tro Noon

Stay tuned for more information, but our quarterly trainer day events are getting more and more popular. Trainers and volunteers are always welcome for this ongoing event!

Parks Department -- Where Fun Happens!

By Ray Zetoony

Take a walk and see "where FUN happens!". We have many county parks. Some are small and tucked away and others are huge complexes. Desert Breeze, Sunset, and Silver Bowl/Whitney are enormous.

The average person could get lost in such large parks.

We are Park Ambassadors. We volunteered to devote a few hours weekly to showcase these beautiful parks.

By walking, watching, talking, and noting activities, we hope to preserve

and improve quality factors throughout the parks and community. Through coordinate efforts we feel that we are helping meet the challenges of the future.

If you have any questions or suggestions; or you want to make a difference and join the Parks and Recreation Ambassador Program, please call Della Boyd at 702-455-6877 or log on to www.accessclarkcounty.com/parks and click on the Volunteer Program link.

Thank you LVRC for your continued support!

See you in the Parks!



CLARK COUNTY
Parks & Recreation
Ambassador



**Las Vegas Radio Control Club
Post Office Box 20818
Las Vegas, Nevada 89122**