

THE SLOW ROLL

happy
4th of July!
President—Frank Moskowitz
Vice President—John Geyer
Treasurer—Dan Smith
Secretary—Bobbie Santoro
Editor—Bob Purc

JULY 2022

The Slow Roll is published by the Sun Valley Fliers by and for its membership to all others interested in the building and flying of radio control aircraft.



CHARTERED #921
Since DEC. 1974



Inside this issue: Cover Photo by Bob Poe of SVF Meeting 5-7-2022

SVF CLUB ending 47 years as a charter club

President Report

Lambies War 3

Board Minutes-NO

Sunset Photos

Minutes- 5/7/22

SVF Photos

Birthdays June & July

SVF Cosmo & Lucy

SVF 3D Plane

MEETING AT FIELD AUGUST 6, 9AM

THE SLOW ROLL



CHARTERED #921
Since DEC. 1974

JUNE 2022



President—Frank Moskowitz
Vice President—John Geyer
Treasurer—Dan Smith
Secretary—Bobbie Santoro
Editor—Bob Purdy

The Slow Roll is published by the Sun Valley Fliers by and for its membership to all others interested in the building and flying of radio control aircraft.



NOV 20 11 47 AM '22

JUNE 2022 BIRTHDAYS



- | | |
|-------------|---------|
| COUNCE | LOREN |
| Dolbow | Jerry |
| Giammarino | Joseph |
| Higuchi | Yuri |
| Irwin | George |
| Litt | Richard |
| marhevka II | william |
| Perkins | Tom |
| Pfeifer IV | Louis |
| RESINGER | KEVEN |
| Riveras | Ryan |
| Roberts | Keith |
| Rogers | Mike |
| Simmons | JARED |
| Sisti | George |
| Vinet | Richard |
| Wildey | Richard |

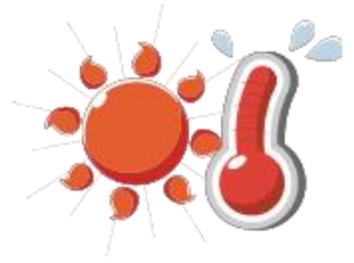
Inside this issue: Cover Photo of Frank SVF CLUB ending 47 years as a charter club

At this time a SVF Meeting is planned for August 6 at 9AM

July 2022 SLOW ROLL PRESIDENTS LETTER



Welcome to the July 2022 Slow Roll. Summer is here in full force, along with our record-breaking triple digit temperatures. Since our club meetings are at the field, we will skip our July meeting since it is a holiday weekend. The next meeting will be at the field on Saturday August 6th at 9 am. The weather should be more favorable by then. If not, I will let you know via email whether that August meeting will be held or not.



During the summer, we will have all our meetings at 9am to avoid some of the heat.

I do have a request regarding locking the gate. It has to do with the chain. Some members are making the chain really tight by locking the lock on a link and not allowing any slack. That's fine but it makes our lock very difficult to open since it needs some slack to operate properly. So it you could..... just leave a little slack in the chain. Thanks for that.

Let us make this year a productive one for our club. Our goal is to increase our membership numbers so tell all your friends to come and visit. I always welcome comments so please feel free to call me anytime you want to chat about club related issues. You can always reach me at 602-809-4195. If I do not answer, please leave a message and I will get back with you. I can receive text messages on that number as well.



Our next meeting is **Saturday August 6th at 9 am**. Location is our field. Join us for a Saturday meeting and win a raffle prize. The 50/50 could make you very happy \$\$\$\$. You never know what might happen, and you do not want to miss it.

Have fun out there!

Frank Moskowitz
President

Editor: Not to long ago I was at the field and when I decided to leave, I needed a battery jump. Outside the gate the battery quit. I called the road service (AAA) for a tow as the battery wasn't charging when it was running. To make this story short I want to say my thanks go out to all those members willing to help on that hot morning. My thanks go out to Frank for taking me into his home as we waited and waited to finally hear from AAA for that tow.

CLUB MEETING minutes – May 7, 2022

Sun Valley Fliers Club Meeting Agenda

Officers: Frank Moskowitz – President, John Geyer - Vice President (Absent), Dan Smith – Treasurer (Absent), Bobby Santoro – Secretary (Absent)

Board Members: Tony Quist (Absent), Charlie Beverson, Jamie Edwards (Absent), Bob Bayless, Brian Rhoads (Absent), Dan Bott (Absent), Val Roqueni

1. **Open** – 10:00AM
2. **Guests** – Nancy... Welcome
3. **New Members/Solo Pilots** – Jim Sprekler
4. **Secretary's Report** – (by Frank Moskowitz) Motion by Norm Pilchert, seconded by Jim Osborne
 - a. Minutes published in Slow Roll
 - b. Elections are over and they were really well. Had a good voter turnout and no need for a recount!
5. **Treasurer's Report** – (by Frank Moskowitz) Motion by , Seconded by
 - a. Latest club expenses were shared
 - b. Shirts and cups are available for purchase!
6. **Membership Director's Report** – (Tony Quist)
 - a. 231 members so far, two new members in April!
7. **Safety Officer's Report** – (by Frank Moskowitz)
 - a. The board has unanimously decided to retain Kenny Rhodes as our safety officer!
 - b. No issues to report as of now!
8. **Old Business**
 - a. Still working on the 501c for the club
9. **New Business**
 - a. Election results were shared with the club
 - i. Frank Moskowitz Stays
 - ii. John Geyer Stays
 - iii. Bobby Santoro Stays
 - iv. Dan Smith Stays
 - v. All board members hold office
 - b. No other new business to discuss
10. **Door Prize Winners**
 - a. Bob Poe, Jeff , John Nolte, Tony Quist, Jim Osborn, Gary Shlegle, Gene Peterson, Howard Kennedy, Dan Bott, Sick Polkinghorn , Brian Rhodes, Frank Moskowitz, Val Roqueni, Richard Bishop, Brian DeBenedetto, Ray Olsen, Nate D'Anna, JD, Mike Taylor, Arthur Gambino,
11. **50/50 Raffle** \$56 Gene Peterson won! Congratulations!
12. **Show and Tell**
 - a. Jeff McCarthy showed us the mods he has performed on his electric PBY.I
13. **Adjourned** at 10:30 AM Brian Rhodes, Kenny Rhodes

SVF MEETING MAY 7, 2022



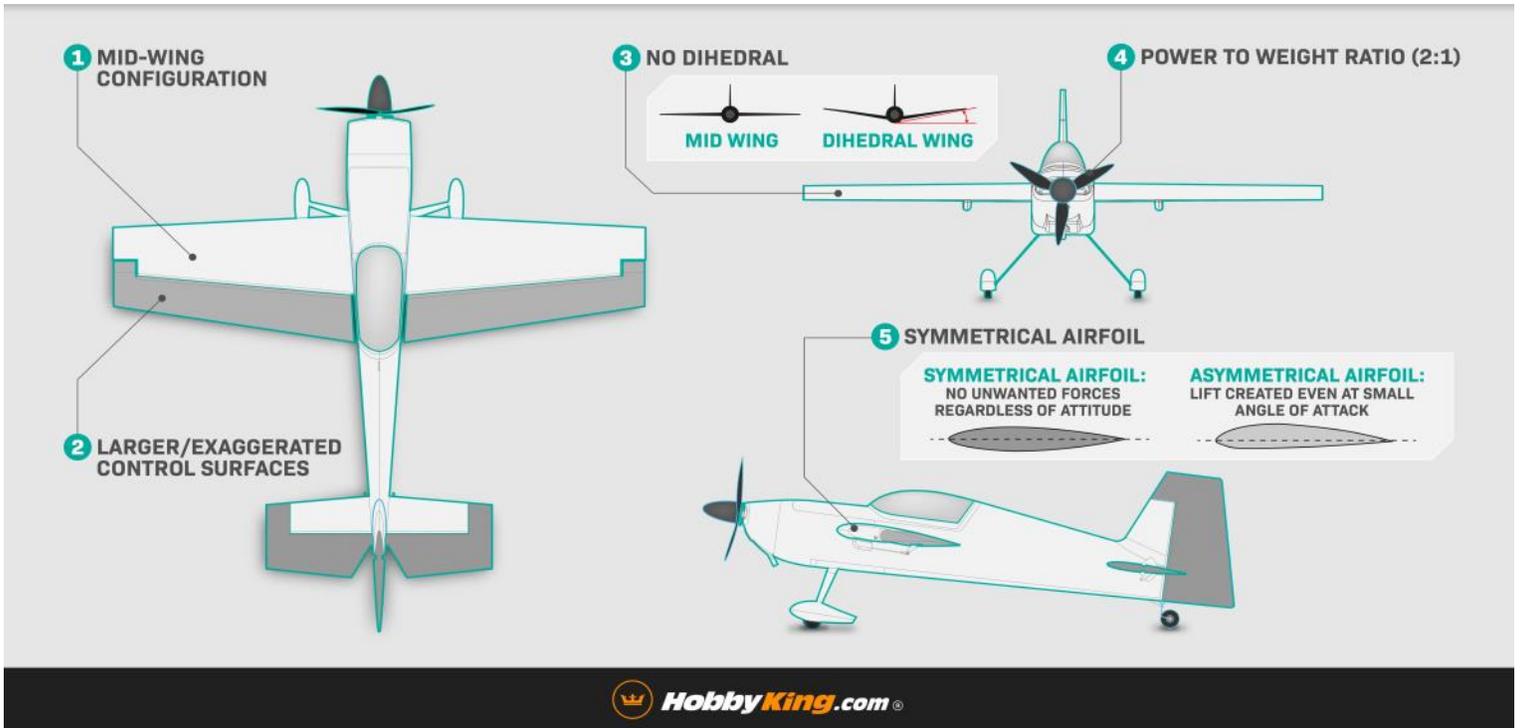
What's Happening



Charlie Beverson with his F-80 "Shooting Star"



Five Essential Features of a 3D Aerobatic Plane



At some point in your RC piloting career, you will want to break and transition into the aerobatic scene. However, what makes a good 3D aerobatic plane?

While basic aerobatics such as a simple loop can be achieved on most RC airplanes, various distinct features separate a true aerobatic plane from the rest. In this blog, we look at five characteristics that all 3D aerobatic planes should have.

Large or Exaggerated Control Surfaces

Aerobatic RC planes are built with larger control surfaces (relative to their size) than regular warbirds or trainers. Bigger control surfaces result in greater deflection, giving your RC model improved roll, pitch, and yaw rates. Simply put, your control surfaces will be much more effective and potent allowing you to complete advanced aerobatic maneuvers at high and low airspeeds - which are otherwise unavailable on your regular RC models.

However, bigger control surfaces can also make your RC plane much more jittery and harder to fly. This is where the exponential function - found on newer radios - comes into play. You can program and reduce the level of deflection (response) around central stick movements while maintaining full deflection at greater stick movements. This makes your RC plane less sensitive and much easier to fly when you are cruising around and getting ready for your next trick.

Mid-Wing Configuration

Most aerobatic RC planes are designed with a mid-wing configuration, with the wing fitted at the mid-portion of the fuselage. Unlike high or low-wing RC airplanes, a mid-wing model is neither top heavy nor bottom heavy. This inhibits any self-correcting tendencies, which can be detrimental when it comes to performing 3D aerobatics. Just imagine trying to roll your plane to the right while an opposite force keeps pushing you back into equilibrium.

Mid-wing planes are also more streamlined than their high or low wing counterparts, resulting in less interference drag. The combination of a more streamlined build, with no self-correcting properties enable an aerobatic RC plane to maneuver with precision and maintain different orientations (attitude) with ease.

Symmetrical Airfoil (Aerofoil)

When it comes to aerobatics, airfoil - the cross-sectional shape of a wing - plays a significant role. A train-

er RC plane will normally have an asymmetrical airfoil where the upper surface is curved, while the bottom is flat. This allows the trainer to generate lift at zero angle of attack and this extra lift can save your RC plane in a lot of sticky situations. However, if your trainer was turned upside down, the lift instantly becomes an excessive downward force, hence, flat bottomed airfoils are not ideal for inverted flying. On the opposite end of the spectrum, we have symmetrical airfoils which are much more suited for aerobatic planes. Because they have the same upper and lower shape, an equal amount of lift and downward force are generated regardless of the orientation. So, if you were performing a roll or flying invertedly, no unwanted force will derail your maneuvers.

Dihedral is the angle formed when both wing panels of a fixed-wing aircraft are slightly angled upwards. This upward "V" angle gives an aircraft greater lateral stability. If a disturbance (such as a gust of wind) causes one wing to dip, the lower wing will produce more lift and push your aircraft back into level. Similar to the properties of a high and low wing configuration, dihedral is a self-correcting mechanism that is counterproductive on an aerobatic RC plane. While you may find dihedral on an aerobatic trainer, at the more advanced level it is more restrictive than beneficial.

2:1 Power-to-Weight Ratio

Speed is not a necessity when it comes to performing aerobatics, however, power is a must. Power is dependent on the weight of your RC plane and while a 1:1 power-to-weight ratio will suffice, a 2:1 power-to-weight ratio is much more common.

Power-to-weight simply refers to the thrust generated relative to the weight of your plane. So, a 2:1 power-to-weight ratio means that the thrust generated must be two times the weight of your plane. This is extremely important as a lot of the more advanced maneuvers are performed post-stall and adequate power is needed for your RC plane to recoup and aggressively pull off these moves. Greater power also allows your plane to counter inertia and make sharp turns on a dime.

Final Words

If you have decided to take the next step in the hobby and embark on your aerobatic journey, then your first aerobatic RC plane should be a mid-wing model with little or no dihedral, designed with large control surfaces with symmetrical airfoils, and entail a 2:1 power-to-weight engine or propeller. If you don't know where to begin, you can check out our [H-King \(ARF\) Wargo Signature Edge 540T](#), [H-King Voltigeur](#) or [H-King MX2](#) which are both popular aerobatic choices and consist of all the features mentioned above.



Soon the HOT DAYS of Summer



DONALD LAMBIE'S WAR

EPISODE THREE

A LOST PHOTO ALBUM DOCUMENTS THE STORY OF A CANADIAN
SPITFIRE PILOT'S EXPERIENCE IN THE SECOND WORLD WAR

<https://www.vintagewings.ca/stories/donald-lambies-war-3>

RC Flying with COSMO & LUCY



WITH RACHEL



AND YURI



Photos by Marty

SVF Sun Valley Fliers



Sunset with Marty and.....



BRYCE, DOUG R, JOEY M, SHELBY, DUSTIN, STEVE are Shown in these photos

Many of these photos are by **Marty Jones**

SVF 
Sun Valley Fliers

An Evening at Cave Buttes



BRYCE, ERNIE, BRYANT, DOUG R, JOEY M, SHELBY, DUSTIN, STEVE are Shown in these photos



JULY 2022 SVF Birth Day Boys



Duncan's R/C
 (602)347-5518
 7146 N. 35th Ave.
 Phoenix, AZ 85051

Allard	Sylvain
Baker	Andrew
Fried	Rusty
Gruenstern	Robert
Kelley	Donald
Kleinhans	Spencer
Parsons	Jeff
Pencak	Robert
Putnam	Robert
Stephens	Larry
Wanner	John

Mon-Fri 9:00 AM — 8:00 PM
SAT 10:00 AM — 8:00 PM
SUN 11:00 AM — 6:00 PM



8058 N. 19th Ave. 602-995-1755 Phoenix
 M-F 9:30-8PM, SAT 9:30-6PM 11-5PM
4240 West Bell Rd. 602-547-1828 Glendale
 M-F 9:30-9PM, SAT 9:30-6PM, SUN 11-5PM



SPECIAL NOTICE TO PILOTS!

"Sun Valley Flyers Utilizes a 400ft ceiling for flying model aircraft allowing for only momentary breaks caused by non-sustaining maneuvers.

All pilots must utilize a spotter at all times and abide by AMA Rule 540d" (see and avoid procedures)

Any pilot willfully violating this rule is subject to loss of flight privileges.




YOUR ADHERE

HAPPY BIRTHDAY AMERICA



THE SLOW ROLL



Club Officers 2022-2023

FRANK MOSKOWITZ, President
John Geyer, Vice President
Dan Smith, Treasurer
Bobbie Santoro, Secretary
Safety Officer Kenny Rhoads
Bobby Santoro

Website Supervisor

Please check your Membership list for Phone numbers.



Board of Directors

Jamie Edwards '21-23
Bob Bayless '21-23
Tony Quist '21-23
Brian Rhoads '21-23
Charlie Beverson '22-24
Dan Bott '22-24
Val Roqueni '22-24



First Class Mail

SUN VALLEY FLIERS
P.O. BOX 71488
PHOENIX, AZ. 85050

To:

WWW.SUNVALLEYFLIERS.COM

47



YEARS



CHARTERED #921

SINCE DECEMBER 1974