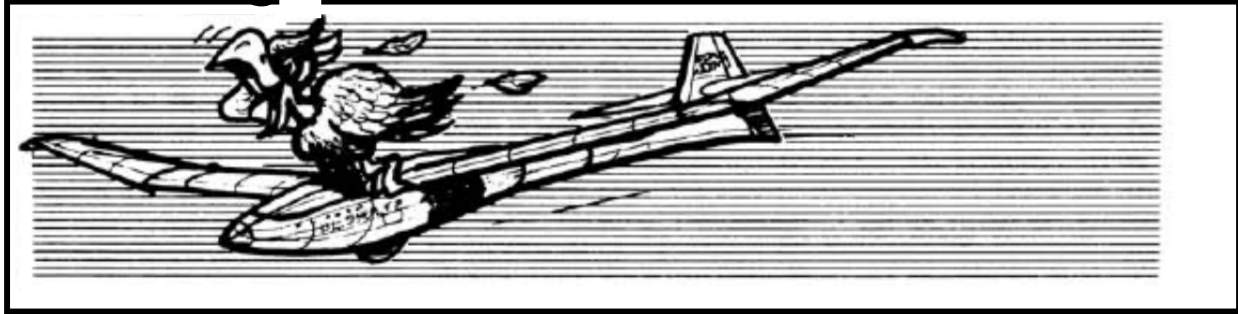




President: John Barr Contest Dir: Eber Graham Equipment Manager: Major Anderson
Vice President: Frank Corsaro Treasurer: Bruce Aveson (acting)

Soaring



Keith Kindrick January 2016

Another New Season is on the way

Happy New year to all of the SWSA team!

We have a lot of things going with the field in 2016. The first and most important is the Gate. Major is our trusted enforcer for this area and we all need to read his message later. We also have had RAIN!!!! With a total of 3.50 inches this month our weeds will grow! Get ready to help pull and weed whack them. We bought a new machine last year for this and it will be used in 2016. Our carpet is going to be replaced in the near future which means we need help. John Barr and others are looking into pricing for the new green material. When we have it please help on the day we install it. We need as much help as possible to keep our club the place to be for the SC2 contest season. As you know our site is becoming the go to place for these contest and that helps the treasury to keep SWSA great.

Close the Gate!

I regret that I must tell you all that our "gate combination has been compromised again". The **REQUIRED LOCK PROCEDURE MUST BE FOLLOWED**

"EVERY TIME" THE LOCK IS UNLOCKED!! THERE ARE NO EXCEPTIONS!!! I know it is somewhat of a nuisance but it is the only way we can keep our lock combination secure that I know of. This "must" be followed every time one of our members opens the gate lock!!!!

Here is the procedure:

- ✓ Put the lock combination numbers on the lock and open the lock.
- ✓ Then put the numbers "0000" in the lock and lock the lock on the end of the chain or the last lock on the chain and lock the lock on the chain!! **"EVERY TIME"**.
- ✓ The last person out needs to follow the **"SWSA LOCK PROCEDURE AGAIN TO LOCK THE GATE WHEN LEAVING!"**

There is a "new" lock on the gate with new combination as of 1/10/2015. We have become very neglectful in keeping the gate closed when we are flying and we need to re-establish this habit. It is a requirement of the corps. of engineers to keep the field secure! I know the river people cut the fence anyway but we need to follow through



Silent Wings Soaring Association

January 2016

on their requirement to be sure we can keep the field. Hope to see you all at the field this week-end!!!

Major I

Club Dues for 2016

Annual Club dues renewal at \$48.00 and are due on Dec. 1st. Bring them to the field, or you can write a check and mail it. If you chose mail make the check payable to Bruce Aveson and mail it to: 325 No. Lyall Ave. West Covina, Cal. 91790

SC2 2016 - Southern California Soaring Clubs'

Southern California Soaring Clubs, or SC2 (S-C-Squared). SC2 President for 2016 is Tom Trivitt, He has a number of goals to achieve this year at SC2. With input and help from my fellow pilots I hope we can reach those goals and make SC2 better than ever.

1. His first goal is to implement a more permanent and efficient method of communication between our pilots and SC2. A new email address: sc2soaring@gmail.com, will be used as the main email address going forward for SC2 no matter who is in charge. If you send an email to that address you will be added for future correspondence.

2. One of the things that he hopes to have in place by our first contest is immediate contest scores. His goal is that if you are on the sc2soaring@gmail.com list, by the time you are in your car heading home you will receive an email with the contest results. He will also be posting the scores on RCGroups and possibly in a public Dropbox account. The scores will also be posted on

the sc2soaring.com web site. The goal is that the scores will be available almost immediately one way or another.

In 2016 he hopes to accentuate the positives in SC2 and minimize or change the negatives.

SC2 2016 Contest Schedule

Here is the 2016 schedule as it stands now.

Feb 28 @ SWSA

March 20 @ Perris or Harbor field (DSH) (TBD which field)

April 17 @ SWSA

May 15 @ VVRC

June 19 @ Harbor (HSS)

July 17 @ ISS

Aug 21 @ Toss or SWSA (TBD which field)

Sept 18 @ SULA or Perris (TBD which field)

Oct 23 @ TPG

Rain Date Nov 20

[Toys for tots Dec 10 @ SULA \(unofficial event\)](#)

FAA Sued In Federal Court Over Drone Registration Rules

John Goglia, Contributor
Jan 4, 2016 @ 05:08 PM

<http://www.forbes.com/sites/johngoglia/2016/01/04/faa-sued-in-federal-court-over-drone-registration-rules/>

In a move that may give hope to many model aircraft flyers, the validity of the FAA's new drone registry is under challenge in federal court. The hope for these hobby flyers is that if the challenge is successful, they – including children as young as 13 – won't have to file their names and home



January 2016

addresses in a public database. Many hobby flyers have held off on registering their drones, concerned about the public availability of their information.

The lawsuit challenging the FAA registry was filed in the Court of Appeals for the District of Columbia on December 24 by a model aircraft enthusiast concerned that the registration rules were illegal. That individual is John A. Taylor, a multi-rotor builder and flyer living in Silver Spring, Maryland. An insurance attorney, Mr. Taylor is representing himself. He started flying model aircraft approximately one year ago and has become passionate about the hobby. He expected other hobby groups or drone manufacturers to file suit against the registration rules but when they didn't, he decided to step up himself. Although he plainly admits that he has no aviation or administrative law experience, as a long-time litigator, he says he's up to the challenge.

Mr. Taylor is requesting that the court "issue an order declaring that the [FAA's registration rule] is void" and prohibited by Section 336 of the FAA Modernization and Reform Act of 2012. He alleges that that section specifically prohibits the FAA from promulgating any new rules or regulations regarding model aircraft if they're flown for hobby or recreational purposes.

Somewhat surprisingly, the legal challenge does not come – as many hobbyists expected – from the Academy of Model Aeronautics. The AMA – which represents over 180,000 model aircraft enthusiasts - has asked its members to hold off on registering their drones until the legal deadline of February 19 for drones owned

before December 21, 2015. (Those bought on or after that date must be registered before operation.) The registration requirement applies to drones weighing .5 to 55 pounds. The AMA has stated that it believes the FAA's new registration rule violates Section 336.

Mr. Taylor requested an emergency stay of the FAA's registration requirement while the case winds its way through the legal process. That request was denied by the Court of Appeals on December 24, stating that Mr. Taylor "has not satisfied the stringent requirements for a stay pending court review." The case will now proceed according to a schedule issued by the Court, with the next filing deadline January 27. The FAA did not immediately respond to a request for comment.

The AMA declined to comment specifically on the lawsuit but its executive director, Dave Mathewson, said in an emailed response: "AMA has been clear about our disappointment with the new rule for UAS registration. From the beginning of this process, we have argued that registration makes sense at some threshold and for those operating outside of a community-based organization or for commercial purposes. But for our members who have been flying safely for decades and who already register with AMA, we strongly believe that the new interim rule is unnecessary. That is why our Executive Council unanimously voted to look at all legal and political remedies to relieve and protect our members from regulatory burdens. On a parallel track, we are also discussing with the FAA ways to potentially streamline the registration process for our members."



The drone registration requirement was precipitated by the FAA's concern that a surge in drone buying at Christmas would increase the number of pilot reports of drones flying too close to manned aircraft. The FAA determined that registration was necessary to "increase accountability and education" of drone operators. (The data used by the FAA has been debunked by a number of people, including most recently the Academy of Model Aeronautics.)

Zulu from Aloft Hobbies

For those of you who like to adventure into new areas (Ian Douglas/John Barr this is for you!) the following flying wing might get your attention. The Zulu is a very unique plane that features "Drooperons" on the leading edge. These provide much improved lift and aerobatic capabilities that you have to fly to fully appreciate! Thanks to the drooperons and the overall design the Zulu it is hard to classify what this machine is, it is a slope glider, a thermal glider, and can also be electric powered.

Steve George from CVRC shot a few pictures of his Zulu to show what this design is all about.



For more information go to:

<https://alofthobbies.com/zulu-epo-kit.html>

Here is what Aloft Hobbies has to say:
How can I explain the Zulu? First I should tell you this is a glider that has some very unique flight surfaces. The Zulu incorporates "drooperons" on the leading edge. These surfaces are the key to the wide flight envelope and smooth aerobatics.



Silent Wings Soaring Association

January 2016

While drooperons may not seem that new to you, these are a completely new approach, and the results are amazing.

The drooperons work in conjunction with the elevons to increase lift in thermal activities, and also increased aerobatics. All of this is done with just 2 servos.

With drooperons installed, the Zulu can reach a much higher lift coefficient, ~80%, before stalling, both right-side-up and inverted. This allows for tighter turns, loops, a lower sink-rate, and slower stall speed. The drooperons are also effective at increasing roll-rate, especially at low speeds. With drooperons, the Zulu is also more stable during the deep-stall maneuver, making landings and altitude control easier.

So what do you get with the Zulu? It is intended to be able to fly in very light lift conditions, but still be fun to fly. Not only will it soar when other planes can't, but it will make the most of the light lift and allow you to have fun. The Zulu can be tip launched for added height, yet it is very much at home on the slopes. Beginners and advanced pilots alike love this plane!

The Zulu has gone through many prototypes and at least 3 different production versions before this EPO molded version. The EPO version is by far the easiest to build with typical build times well under an hour. Just install your radio gear and glue on the tail. Very detailed instructions are included, so even someone that hates to build should have no issues with this one. The wings are removable via a twist of a screw and unplugging the servo leads, this is great when transport space is tight.

We have been flying these in a wide range of conditions from a mouse fart up to about 25mph at our local slopes. Pilots of all levels have been enjoying the flight performance.

They plane is perfectly happy to make lazy turns in the sky, or turn it up and go crazy doing VTPR style maneuvers right off the deck. That is what makes the Zulu so great, it is very versatile!

Power Option - Yep, she even has a firewall installed below the lightly glued nose cone. We are still making final recommendations for power systems at this time. More details soon.

Light wing loading of 4.6 oz/sq.ft (14.1 gm/sq.dm) means she can float when needed.

Let's ALL Fly!

That is it for this month.

Thermals to all ~ Keith

Recently I saw something that caught my eye. It was a classic transmitter case that takes RC nostalgia to a new level. For those who recall the old Heath kit this will be right up your alley!

This is information located at the end of this newsletter.

If you have any events let me know





[RC Groups](#)

[Radios](#)

News [NEW! JR Colt 6 Channel 2.4GHz Retro System](#)

NEW! JR Colt 6 Channel 2.4GHz Retro System

What's old is new again! The COLT takes RC nostalgia to new levels of sophistication, reliability, and ease.

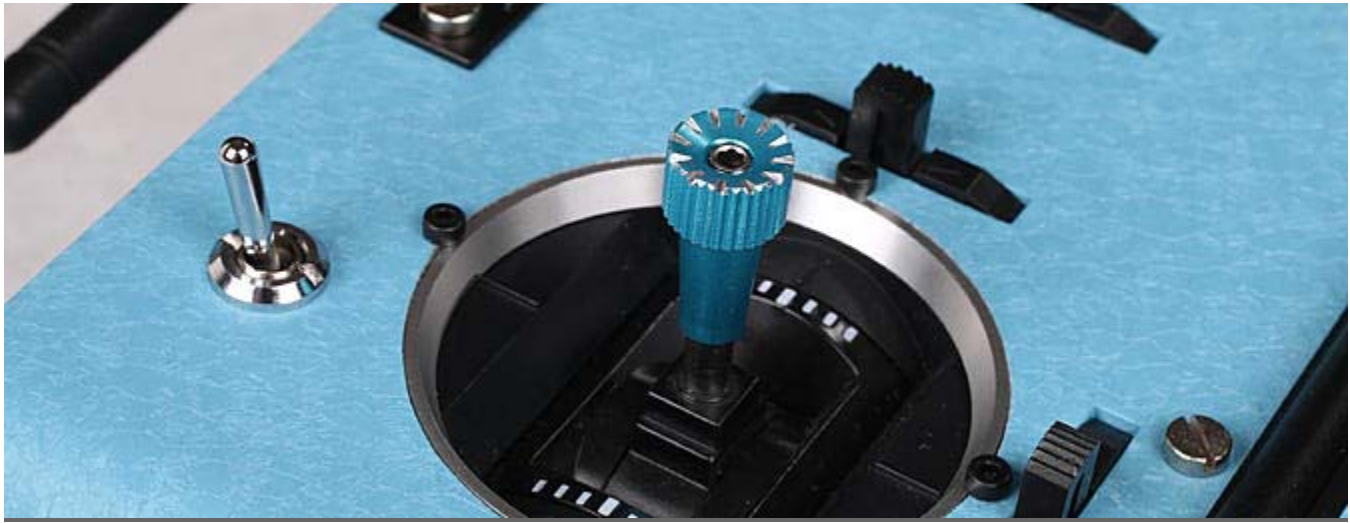
News

By [Jim T.](#) | Dec 09, 2015, 12:44 PM



Colt 6 Channel 2.4GHz Retro System from JR

Housed in a vintage Heathkit looking all aluminum case, the COLT TX might look like a vintage transmitter, but looks ARE deceiving.



Lift the lower cover plate, and you will find a fully capable, 20 model memory, 2.4GHz DMSS fully equipped 6 channel transmitter that will allow you to pilot your vintage models with a level of programmability and reliability that wasn't possible back in the day.

Hand Built, and in limited production, the COLT's 3 Model Type is capable of flying your entire fleet of vintage models. The cost for this unit is \$899.99.



JR' COLT DMSS system is Retro, Reliable, and Ready to Go.



Dust off that old Kaos, Cricket, or Hobie Hawk, and head out to the field with the retro looking, yet ultra-reliable JR COLT 2.4GHz DMSS system, and take a step back to the future.



COLT Features

20 Model Memory

3 Model Type (Airplane, Heli, Sailplane)

Reliable DMSS 2.4GHz

All Aluminum Transmitter Case with Retro finish

Hinged LCD cover

Custom Retro style stick tips

Custom Retro style Gimbal Rings

Optional TX Battery Choices: Use the standard (included) 1400ma LiFe battery, or upgrade the capacity and flight times with the optional 3200ma pack.

3 Year Warranty

Specifications

TX Number: NET-M116G

System Type: Computer

Modulation: 2.4GHz DMSS

TX Power: 1400ma LiFe 6.4v rechargeable battery

AC Charger: NEC-A1530 Included (Input 100v-240v 50/60Hz/ Output DC 15v 30w)

Dimensions:

Width: 173.5mm (6.83")

Height x 165mm (6.49")

Thickness: 51.5mm (2.02")

Weight: 910g (2.0 lbs.) Including 1400ma TX battery

Data Transfer: Capable of transferring model data from most current JR XG Series systems to COLT

Personalize your new COLT with this Special Offer

Register your new [JR COLT system](#) and receive a FREE specially engraved "Hand Built For" plaque to add that final retro look to your new system. These plaques are only available to registered COLT owners. Additional field box/transmitter case plaques will also be available separately for an additional charge.

Order Info

The word I have is that is will be available from [JR Americas](#) Feb. 2016.

Receiver not included

All times are GMT -8. The time now is 01:35 PM.