

# CSMS Skywriter

December, 2017

Charlotte Sport Modelers Society  
AMA #3897  
Meetings: 1<sup>st</sup> Saturday monthly, CSMS Flying Field, Kings Highway Lake Suzy, 9:00 am  
Flying Site: Kings Highway - 5.3 miles E of I-75  
Website: [www.csms-rc.org](http://www.csms-rc.org)  
President Kim Klempner  
Vice President Dennis Ouelette  
Treasurer Hal Lane  
Secretary Ron Happe  
The CSMS Skywriter is published monthly by the Charlotte Sports Modelers Society. We reserve the right to edit any submitted material. The editor of this publication or the officers of the CSMS club shall not be held liable for errors or omissions.

## President's Letter - Kim Klempner



I'd like to start off welcoming back our members from the north and those playing in their motor homes across our beautiful country, Welcome Back. I would also like to thank Fred Stiteler for his years of service to our club, also thank Eddie Mattinly for taking him off the hook.

Starting in January, we could get back to our pot luck breakfast or lunch's, I'd like some ideas from the membership at the next meeting and possibly come up with a date to have

this event.

We are finished with projects this year to be completed at the field, I ran out of disposable money anyway. Other projects to be completed, shallow well for non potable water, improvements to our drainage issue's, start up composting potty and get rid of porta potty when finished and save 75.00 month.

The field looks great, glad to see lots of members flying and telling stories at the round table. Look forward to seeing you at next meeting.

P.S. Please get your Christmas at Danoto's moneys in to Hal, also your club dues and A.M.A dues are due by end of December.

KimKim Klempner Pres. CSMS

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## SAFETY OFFICERS REPORT

Continuing our battery discussion it is time to review R/C receiver and servo power requirements. Until recently all servos and a lot of receivers required a battery voltage of 4.8 to 6.0 volts D.C. When these receivers and servos where develop the battery of choice was the 1.2 vdc Ni-Cd or the NiMh. When a four (4) cell battery pack was fully charge it had 6 vdc potential. With a little load for a very short time, however, the voltage was down to 4.8 vdc. So 4-cell packs worked perfectly with our receivers and servos. As bigger airplanes, bigger motors and

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powerful digital servos were developed pilots started using five (5) cell packs to handle the extra demand for power. These packs had a maximum of 7.5 vdc and a nominal voltage of 6.0 vdc. Most of the receivers could handle this without problems but a lot of the old analog servos would jitter when a freshly charged 5-cell pack was attached. We soon found that letting the voltage drain slightly the jitter would go away. Manufacturers solved the problem by making newer servos that could handle a 5-cell pack. All was good again in the R/C world.

What this means is you the pilot must be responsible enough to make sure that all the electronics in your airplane is designed to work together. Just because the connectors and plugs fit doesn't mean you are good go. The batteries, receivers and servos must be voltage compatible. So, if you are not sure, just ask first

Eddie Mattingly, Safety Officer

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Then, along came Lithium Ion (LiOn) batteries. A fully charged two (2) cell LiOn battery pack was a whopping 8.2 vdc. It's nominal voltage was 7.2 vdc. (Modern LiOn 2-cell packs are 8.4 and 7.4 vdc.) Next was Lithium Polymer batteries. They were also 8.4 vdc maximum and 7.4 vdc nominal. None of our receivers or servos could handle this without self destroying. So manufacturers made voltage regulators to reduce 7.4-8.4 vdc down to 4.8-6 vdc. This works great as long as you make sure the regulator can handle the load (amperage) that your receivers and servos need.



## Upcoming Events

CSMS next meeting is on December 2nd at field at 9:00 AM. Plan to come to the field and fly early and then attend the meeting.

## CSMS CHRISTMAS PARTY

Date: December 14<sup>th</sup> at 6:00PM

Place: Donato's Italian Restaurant

Price: \$35.00 per person

### MENU:

1. Spaghetti w/ Meatball & Sausage
2. Lasagna
3. Eggplant Parmigiana
4. Chicken Parmigiana
5. Chicken Marsala

Now we have entered the next evolutionary stage of R/C flight controls systems with both receivers and servos (HV) designed to run on 8.4 vdc. Some receivers and some very special servos are actually designed to run on 12 vdc just like the electronics in your car.

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## 6. Vodka a' la Pasta

You can sign up at the field or send your check payable to CSMS to Hal Lane, 10084 Winding River Road, Punta Gorda, FL 33950. If you mail your reservation to Hal be sure to include your choices of meals with check. Deadline for reservations and payment is December 6<sup>th</sup>. (Check must be received by this date)

### CSMS CONTACT INFORMATION

Kim Klempner: President

Dennis Ouelette: Vice President

Hal Lane: Tres. [hallane@aol.com](mailto:hallane@aol.com)

Ron Happe: Secretary

Jerry Alexander: Newsletter Editor

Bill Hare: Photos

Vote for new officers for 2018 year will be at the next regular meeting on December 2nd. The nomination committee headed by Bill Hare has nominated the following members for next years officers:

President: Kim Klempner

Vice President: Dennis Ouelette

Tres: Hal Lane

Sec: Ron Happe

Board member: Eddie Mattengly

Board member: Butch Wanderlich

Nominations from the floor will be accepted at this meeting before the vote.

### Treasurer Report:

**It is that time. Dues are due for next year. Send check for \$80.00 made out to CSMS to:**

**Hal Lane, 10084 Winding River Road, Punta Gorda, FL 33950 Ph 302-242-5877 or see Hal at field.**

**Also your AMA dues are due by Jan 1, 2018. As of that date if you don't have your new AMA card you will not be able to fly NO EXCEPTIONS**

### RECENTLY SEEN AT FIELD:



Shea shows off his plane



Mike with his mini plane

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Dennis shows off his plane



Barry with somebody's plane



Tom with his new plane



Kim & Barry with their cute little jets



Kim shows off his jet



Beautiful Corsair in the air



David getting plane ready to fly



Nice biplane in flight