

## JANUARY CLUB MEETING

January 2018

Welcome back. The first Wright Flyers club meeting of 2018 will be on January 30, 2018 at 7:30PM in the Hernwood Elementary School.

**IMPORTANT NOTE: if the Baltimore County public schools are closed due to inclement weather, the meeting is postponed one week to February 6<sup>th</sup>. Look for an email from Bob for any updates.**

- zyhobbies.com has good prices on landing gear (good quality carbon gear) & other items, plus free shipping.
- Latest Spektrum radio problem due to receiver “brown out” (reduced supply voltage). This can be a problem with any brand radio, especially if digital servos are used.

## MINUTES OF OCTOBER MEETING

- The WF meeting was called to order by President Bob Chase at 7:33pm. There were 4 members present.
- The reading of the minutes was waived.
- The treasury Report was given by Bob. The treasury is in good shape and we have 43 members.

Meeting adjourned at 8:00.

## HAPPY BIRTHDAYS

Wilbert Krizmanich - February 2  
Raymond Benedict - February 15  
Verlyn Vores - February 16  
Steve Smith - February 24

## Old Business:

- We plan to take Tee shirt orders in January.

## MEMBERSHIP RENEWAL

It is that time again; time to renew your club membership and your AMA membership. **The requirement to register with the FAA has been made law and you are required to be registered to fly at WF field.** Dues renewals are due January 1<sup>st</sup> through March 1<sup>st</sup>. Your dues can be paid at the January meeting and you will receive your 2018 membership card at that time. If you renew by mail, **you must include a SASE in order to receive a membership card by return mail**, otherwise you will have to pickup your card at a regular club meeting thereafter. Send your completed Application Form to:

## New Business:

- We will be reviewing the WF Constitution and Bylaws in 2018.
- We are asking club members to submit ideas for club activities.
- We will be instituting a yearly planning meeting in the Sept.-Dec. time frame for planning for the upcoming year.
- Dues renewal is coming up. Don't forget to renew your AMA membership. If you had not previously registered with the FAA, you MUST do that, “It's The Law.”
- Include your member information (application form) with your dues payment. If you already made your payment please provide your FAA registration number to Bob or Andrew.
- Time for club officer nominations/elections. We need someone to volunteer to be club Secretary and someone to help with the newsletter.
- Send pictures of your winter project to Victor Madison for our website.

Andrew Yurkovich  
109 Taunton Ave.  
Catonsville, MD 21228

**Remember, dues are \$75.00 and if dues are not paid by March 1<sup>st</sup> you will be required to join as a new member and pay the additional \$30.00 field maintenance fee.**

## THOUGHT FOR THE DAY

“Only those who risk going too far can possibly find out how far they can go.” (T. S. Eliot)

## UPCOMING EVENTS

- 2/10/2018 - **WESTMINISTER AEROMODELERS FLEA MARKET** Site: Westminister Vfw, 519 Poole Rd. Open 9am-1pm., \$5 Admission (buyers)/ \$20 per table (sellers).
- 3/10/2018-Lebanon, PA, **ANNUAL RC FLEA MARKET**. Site: Lebanon Fair Grounds, 80 Rocherty Rd., See [www.cpa.us](http://www.cpa.us) for details. General admission is \$8, opens at 8:30AM.



## FROM THE WF PRESIDENT

### WF PROPOSED EVENTS FOR 2018

#### List of proposed events for 2018:

- \* Picnic
- \* Scale Fly/Contest
- \* Indoor Fly
- \* Flea Market
- \* Trips - What?- Where?- When?- ( member's suggestions requested)
- \* Group Participation at a Fly-in or Contest at another Club's Location/Event
- \* Novice Day - Intro and Buddy Box Flights - Simulator via generator at field
- \* Powder Puff Day

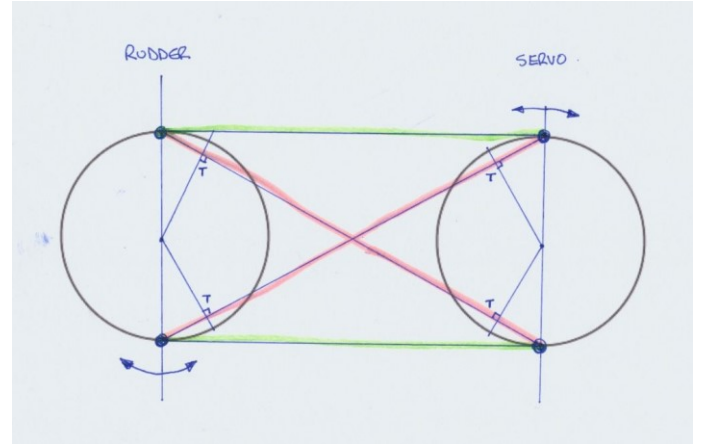
I am requesting member input for additional activities and suggestions for possible trips.

Please bring to the January meeting or mail/email to me or Andrew.

/Bob Chase/

## TIP OF THE MONTH

### PULL-PULL CABLE TIPS

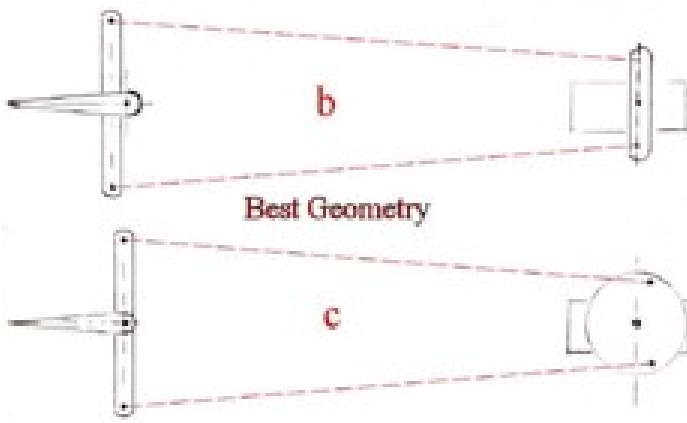


Consider the sketch above: The diagram has been simplified by making the rudder and servo arms the same length. The green lines represent uncrossed wires and the red lines represent crossed wires. Many believe that the choice of crossed vs. uncrossed is a matter of taste, but there are advantages to using crossed wires.

The green lines are tangential (at 90 degrees to the radius) to the circles. For a given rotation of the servo (from the neutral position) in either direction, the green wire will move a certain distance. This distance will be exactly the same as the distance the other green wire moves in the other direction. This will therefore result in no tightening or slackening of the wires.

Now consider the red crossed wires. If the servo rotates clockwise, it will result in the rudder moving counterclockwise. The pulled wire is moving away from the tangent at the servo and towards it at the rudder end. The same is true for the opposite direction of rotation from neutral. This results in different distances of movement of the two red wires and results in slackening away from the neutral position.





Geometry wise with crossed wires, at the servo end, we are closest to "c" and at the rudder end, we are closest to "b." By crossing the wires, we have moved each end from the acceptable arrangement "a," towards the Best Geometry "b" and "c" without actually changing any of the connection points. This actually allows straight servo arms and hinge-line rudder horns (geometry "a") to be used without the risk of tightening. It also increases the angle the wires exit the fuselage, which makes the wires extend in a straight line between the connection points.

Crossed wires do have the problem of one wire overlaying and contacting the other at the point of intersection. Over time, the wires may become chafed and may lead to a failure of a wire [my planes don't seem to last long enough to see this problem]. But I recently came across a simple solution to this problem on a build article for my secret winter project.



By locating the ball links on opposite sides of the servo arm and doing the same thing with the connections to the rudder control horns, on the appropriate sides (bottom servo arm to bottom rudder control horn/top servo arm to top rudder control horn), the crossed wires will be spaced one above the other. This is a solution that I had never seen before and didn't think of it myself either. I guess you're never too old to learn new TIPS.

### WINTER PROJECTS



This is Victor Madison's Kyosho Spitfire nitro to electric conversion project.

### HOT FLASH

Hobbico (owner of Tower Hobbies) has filed for bankruptcy protection Wednesday January 10<sup>th</sup>. The distributor of hobby products said the layoffs, if they happen, could begin in April.

Hobbico "has determined that it may be necessary in the near future to permanently close and discontinue all of its operations in connection with a bankruptcy case.

[Heads up from Vic & reported in the News-Gazette]



**2018**

**MEMBERSHIP APPLICATION**

NAME: \_\_\_\_\_

STREET: \_\_\_\_\_

CITY, STATE & ZIP: \_\_\_\_\_

DATE OF BIRTH: \_\_\_\_\_

PHONE NUMBER: \_\_\_\_\_

A.M.A. NUMBER: \_\_\_\_\_

F.A.A. NUMBER: \_\_\_\_\_

E-MAIL ADDRESS \_\_\_\_\_

**MEMBERSHIP FEE IS \$75.00**

All new members must pay a one time Field Maintenance fee  
of \$30.00 additional.

**PLEASE MAKE CHECK PAYABLE TO:  
WRIGHT FLYERS**