

# The Temple Aero Modeler

The Official Newsletter of the Temple Aero Modelers Radio Controlled Aircraft Club

November 2012



This month's meeting will be held Monday, November 26<sup>th</sup> at 7:30pm at the Ronald McDonald House Meeting Room in Temple



# CLUB INFO

*Club Meeting –  
November 26<sup>th</sup>*

*Don Cullison Memorial  
Toy Drive/Fly-In &  
Poker Fly –  
December 2<sup>nd</sup>*

*Christmas Banquet/  
Officer Elections –  
December 10<sup>th</sup>*

## 2012 Officers

President: Frank Sodek  
773-8081  
Vice Pres/Sec. Larry Macie  
291-4590  
Treasurer: Buster Hinkle  
718-0243  
Safety Officer: Paul Horan  
780-1274  
Field Marshal: Fred Huber  
698-4777

## Temple Event Schedule

Nov 26	Club Meeting	7:30pm
Dec 2	Don Cullison Memorial Christmas Toy Drive/Fly-In And Poker Fly	1:00pm
Dec 10	Christmas Banquet/ Officer Elections	6:30pm

## Instructors

Frank Sodek, Jr.	773-8081
Mark Cullison	773-9686
Paul Horan	780-1274
Doug Staines	541-2915
Fred Huber	698-4777



## On The Cover

Doug Staines recently received an "Award of Superior Service" from the AMA, See a larger, readable version printed elsewhere in this newsletter.

Photo by Mark Cullison

## Club Dues are now due!

**A membership form has been included in this newsletter. You must join/renew to participate in the officer elections at the upcoming Christmas Banquet.**

### Paul's Korn'r

The soldier who survived mustard gas and pepper spray is now a seasoned veteran.

Mark Cullison - Editor 773-9686  
Frank Sodek - Editor's Assistant 773-8081

On the web at: [www.templeaeromodelers.org](http://www.templeaeromodelers.org)  
Web Master: Mark Cullison  
[mcullison1@aol.com](mailto:mcullison1@aol.com)

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## President's Report

by *Frank Sodek*



Greetings, I hope you all got to enjoy a wonderful Thanksgiving holiday with your family. It's really hard to believe that we're now in the holiday season and rapidly approaching the end of another year!

We have two more club events left for this year: on Sunday, December 2<sup>nd</sup> beginning at 1PM, we'll have our annual Don Cullison Memorial Toy Drive / Fly-In, led by Mark Cullison. Entry fee for the fly-in is an unwrapped toy. Mark will collect the toys and distribute them to Ronald McDonald House and to Santa Pal, for needy children. You don't have to bring just one toy, either – it's OK to be generous and bring several – we normally have a great turnout and bountiful toy collection even if Mother Nature doesn't cooperate. We will also be holding the Poker Fly that had to be cancelled because of high winds concurrently with the Toy Fly. It's a \$5 ante for those wanting to participate and try your luck at getting the winning hand.

The final event of the year is our Annual Christmas Banquet. It will start with a pot luck dinner beginning at 6:30PM on Monday, December 10<sup>th</sup> at the Western Hills Church of Christ (see the map later in this newsletter). The banquet is always loads of fun, and keep in mind that it's for all family members and friends that you want to invite – the more, the merrier! We'll have a short business meeting after the meal, followed by the highlight of the evening: Buster's Chinese Gift Exchange. Everyone wanting to participate in the gift exchange should bring a wrapped gift to put into the pot.

Club members will be voting on next year's club officers at the Christmas Banquet. At last month's meeting Buster Hinkle volunteered to stay on as Club Treasurer, and Paul Horan volunteered to be our Club Safety Officer again. I actually don't mind being President again next year, however I have been concerned about the general lack of participation at club meetings and events this past year- I'm thinking that it is time for some new blood / new ideas for the club. If there's any member who is willing to step up and lead the club, please let me or any other current officer know before the banquet. The other open positions at this time are VP/Secretary and Field Marshall. The club needs your help! I believe that Mark Cullison will continue as the club's Newsletter Editor for next year, which is one of the toughest jobs in the club.

This will be the final newsletter for this year – Mark gets a well-deserved rest next month. Once again, I hope you and your family have a safe and happy Holiday season. See you all at the flying field,

*Frank Sodek*

[fsodek@aol.com](mailto:fsodek@aol.com)

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## Treasurer's Report



Beginning Balance: \$6,546.76

Total Deposits: \$0.00

Expenses:

Ronald McDonald House.....\$25.00

Frank Sodek (26hp 54" Garden Tractor)....\$2,564.99

Total Expenses: \$2,589.99

Balance October, 2012: \$3,956.77

Submitted by *Buster Hinkle*

Club Treasurer

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## Meeting Minutes (October 29, 2012 meeting)

The meeting was called to order by Club President Frank Sodek at 7:30pm. All five club officers and three other members were present.

New Members/Visitors – There were no visitors present.

Minutes from the meeting held in September were accepted as published in the October newsletter by motion from Paul Horan, seconded by Mark Cullison.

Treasurer's Report was read by Buster Hinkle, Treasurer; a motion to accept Treasurer's Report was made by Fred Huber, 2<sup>nd</sup> by Paul.

Safety Report – Paul didn't have anything new to report.

Field Marshal's Report – Frank mentioned that he and Larry Macie were the only members that showed up for the field work day on October 20th. The next field work day is scheduled for November 17<sup>th</sup>. Mark mentioned that the starting stands could use rebuilding, some of the wood is rotten. We agreed to work on them before the start of next spring's flying season.

Announcements – There were no announcements.

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**Old Business** – Mark gave a final combat report. Frank reported on the Fall picnic and Buster gave a report on the Fall Fun Fly. The Poker Fly was cancelled due to high winds, and will be rescheduled to be held concurrently with the Toy Fly on December 2<sup>nd</sup>.

## New Business

**Officer elections** – Frank mentioned that it was time to begin nominations for next year's club officers. Buster volunteered to be Treasurer again, and Paul volunteered for Safety Officer.

**Toy Fly** – Mark will bring hot apple cider to the Toy Fly to be held on Sunday, December 2<sup>nd</sup>. Entry fee is an unwrapped toy. The Poker Fly will take place concurrently, with a \$5 ante.

**Christmas banquet** – Our end of year party will be held on Monday, December 10<sup>th</sup>. Bobby Zikes has reserved the meeting room at Western Hills Church of Christ, and Frank will bring drinks, plates and utensils. Buster will lead the gift exchange.

**Trip Reports** – Buster reported that he, Derek and Paul Milton attended the full-scale fly-in at Reklaw.

**Blunder Awards** – there were no blunders announced.

**Meeting program** – Paul presented details on how electric motors and speed controllers are rated and how to match a motor and propeller to a particular airplane. Next month Paul will give a presentation on batteries.

Meeting adjourned at 8:35 pm.

Minutes recorded by *Larry Macie*  
Club Vice-President / Secretary

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## Why Clubs Fail

Jim Wallen, Club Corner author

Clubs can fail in a variety of ways. The membership can lose interest. **Perhaps no one in the club wants to take on the challenges of being a club officer to make things happen.** Attitudes and camaraderie within the club start to fail. People just cannot get along. The primary culprit in club failure, however, is loss of the flying site.

To preserve your local club, pay attention to some very specific items. Again, being proactive in some areas increases your chances of keeping your club for a long and enjoyable period of time.

Be sensitive to noise-related issues. If you have housing nearby you always run the risk of complaint. Take on the challenge of evaluating your noise policies before some governmental agency gets a call from a disgruntled neighbor.

Get to know the site owner. Keeping the owner happy is an absolute necessity.

Play an active role in community affairs to increase the club visibility to the public. Organize a fundraiser for a local charity. March in a parade. Put on a mall show. Invite local government officials to the field and feed them some mouthwatering hot dogs.

Fun-fly's and potluck dinners are great ways to help pull the membership families together. Put on a special Valentine's Day event for spouses.

Make a concerted effort to attract new members. Youth are especially desirable. They bring some fresh ideas and enthusiasm to the club atmosphere. School visitations for all ages are an investment in the club future.

Emphasize to the club membership the importance of volunteering to be a club officer. Most members just want a good place to fly and have fun. They must realize, however, that things do not just happen on their own. Members have an obligation to be a contributor. As a club president you should discuss this subject at your next club meeting.

We are all very fortunate to be a part of the most satisfying hobby in the world. With some creative effort and a little bit of work, you can keep your club postured for a healthy future. →  
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## Fall Fun Fly Report

It was a cold and windy day. I had three events with two rounds each. First event was taxi to balloon bust. Taxi one lap around two anchored balloons then bust both balloons and cross the finish line. Fastest time wins. Shon had the fastest time of 41 seconds. Frank turned 46 seconds. Paul Horan 53 seconds. Mark Harris had a rough time in the wind with his profile plane. He tied weights on it in the second round but his best time was 70 seconds. Shon won the event with 2,930 points. Frank 2,860, Paul 2,800 and Mark 2,420.

Second event was Las Vegas Shuffle. Roll two die, start your plane and do the number of loops that appeared on the die, land then roll that same number again. Fastest time wins. Mark had the best luck with the die and fastest time of 63 seconds, Shon 68 seconds, Frank 83 seconds and Paul's fastest time was 93 seconds. Mark won with 3,390 points. Shon 2,980, Frank 2,770 and Paul 1,620. Paul did have the worst luck with the die.

Last event was timed flight. You drew a number: 30, 45, 60, 90 or 120. You had to try to fly that number of seconds. Time stopped when the plane was in the circle with a dead engine. Frank drew 30 seconds both times and won the event with 4,620 points. Mark had 4,110. He drew a 30 and 60. Shon had 2,780. He drew two 90s. Paul had 3,600 points. He drew 45

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and 120.

Frank won the contest with 10,250. Mark 2<sup>nd</sup> with 9,920, Shon 3<sup>rd</sup> with 9,690 and Paul 4<sup>th</sup> with 8,020. Mark Cullison broke his tail wheel mount warming up before the contest. We all had fun with no crashes but Frank broke off his main gear several times.

*Buster Hinkle*

Contest Director

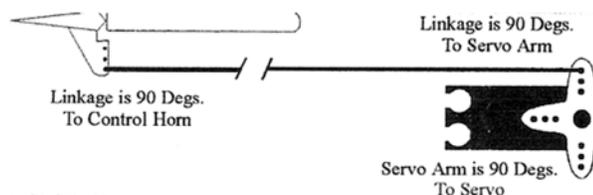
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## Sub Trim and Linkage Setup

by *Richard Lindberg, Rocky Mountain Flying Machine club, Albuquerque NM*

**Sub trims** are intended for minor adjustments to servo linkages. Since excessive sub trim values (percentages) can cause servos to be over-driven where they try to move past their internal stops. This can cause servo damage.

The diagram below illustrates an ideal servo/linkage setup when the servo is at neutral. Notice that the servo arm is positioned at a 90° or perpendicular to the servo. Also note that the linkage or rod is attached at 90° to both the servo arm and the control surface horn. This setup will result in the same amount of throw in both directions (0 differential throw).



Follow these steps to help ensure the proper use of sub trims and to achieve an optimum servo/linkage setup:

1. Access the Sub Trim function on your radio and make sure sub trim settings are set to zero (0).
2. Access the Trim Offset function (another name for Trim Memory) and clear any offsets. Also make sure that the mechanical trim levers on the transmitter (TX) are centered in their center dents.
3. Plug the servo in the appropriate channel of the receiver (RX). Turn on both the TX and the RX. The servo should now be at its electronic center position.

4. Test the fit of the servo arm to the servo, trying to get the servo arm to be at 90° to the servo as shown in the illustration. Try different positions if necessary, removing the arm, rotating it 90°, and inserting it back onto the servo output shaft. Use the position that is closest to 90°.
5. If the servo arm is not at 90° or perpendicular to the servo, use the Sub Trim function to adjust the arm so that it is at 90° to the servo.
6. Position the control surface so that it is in its neutral position. Now make and adjust the linkage. Adjust the linkage so that the control surface is at neutral when the servo is in its neutral position.
7. If the mechanical linkage cannot be adjusted precisely enough, get it as close as you can and then use the Sub Trim function to make the final adjustments.
8. Now use the Travel function (or ATV or EPA depending on your radio) to adjust total travel in both directions.

Fly the aircraft and use the time levers for trimming. Now use the Trim Offset function (or Trim Memory—your radio should have a similar feature) to store the trims, allowing the trim levels to be returned to their center positions. If excessive amounts of trim are required, it is best to mechanically adjust the linkages and try to keep the servo as close to its electronic center as possible.

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*Merry Christmas!*

# MEMBERSHIP FORM

## Temple Aero Modelers

To join the Temple Aero Modelers or renew your dues, please fill out this form, enclose a check, and mail to:

**Temple Aero Modelers**

c/o Buster Hinkle  
11591 Pritchard Rd.  
Temple, TX 76501

Make check payable to:  
**Temple Aero Modelers**

(check or cash can also be brought to the next club meeting)

Name: \_\_\_\_\_ AMA#: \_\_\_\_\_

Spouse's Name: \_\_\_\_\_

Radio Channels that you fly: \_\_\_\_\_

Phone: (\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_ (Home)  
(\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_ (Work)

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

E-Mail: \_\_\_\_\_

Amount enclosed for:

	Full Year*	
Adult member dues (18 and over) .....	\$60.00	_____
Additional family member .....	\$30.00	_____
Senior member dues (over 65) .....	\$30.00	_____
Junior member dues (under 18) .....	\$10.00	_____
Associate member .....	\$30.00	_____

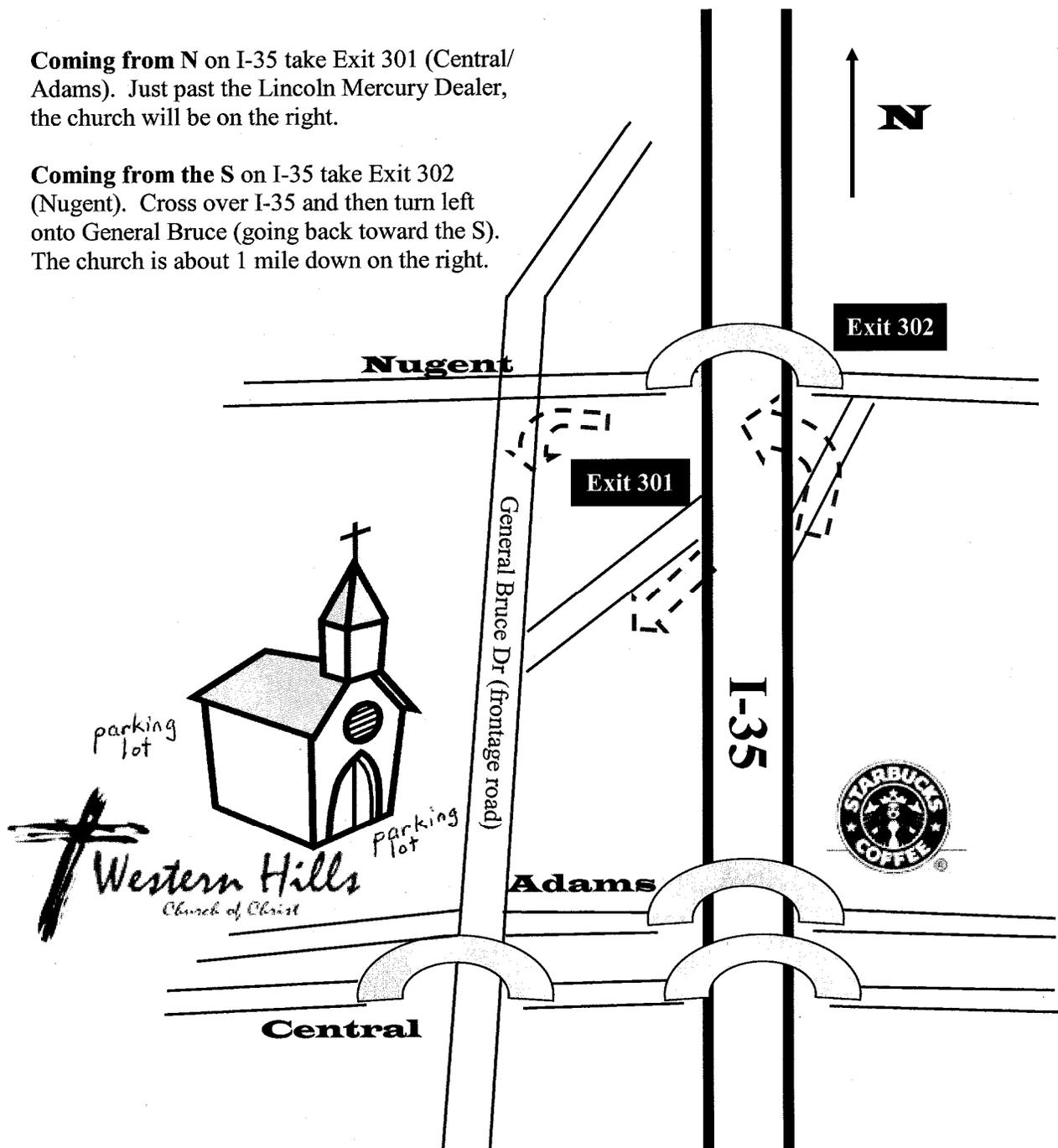
Total enclosed: \$ \_\_\_\_\_

\*For new members only – if joining in the first quarter (Jan-Mar): 100% of full year dues; second quarter (Apr-Jun): 75% of full year dues; third quarter (Jul-Sep): 50% of full year dues; fourth quarter (Oct-Dec): 25% of full year dues.

# Directions to the Western Hills Church of Christ

Coming from N on I-35 take Exit 301 (Central/ Adams). Just past the Lincoln Mercury Dealer, the church will be on the right.

Coming from the S on I-35 take Exit 302 (Nugent). Cross over I-35 and then turn left onto General Bruce (going back toward the S). The church is about 1 mile down on the right.



The most important thing is that everyone needs to know to park in the large parking lot in the rear of the church. The Family Life Center is the rectangular shaped, two story building on the back of the church building. We will need to enter in the south corner door.

*Bobby Zikes*

(Editor's note: Heading west on Adams, turn right on the street just past the Purvis Bearing building to get to the back side of the church. If heading south on the frontage road, you could also just pull into the front entrance and drive around to the back.)

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## Academy of Model Aeronautics

An associate member of the  
National Aeronautic Association  
And Aeromodeling Representative in the United States of America of the Federation Aeronautique Internationale.

Presents this Award of Superior Service to

*Doug Staines*

Thanks for all you do for District VIII! Your unquestioned loyalty,  
dedicated volunteerism and unparalleled professional service as an  
Associate Vice President sets the standard for the Academy and  
has kept the District attuned to member's needs.

Thanks for your service and friendship!



Date September 5, 2012

*Don Martin*  
Executive Director

Close up of Doug Staines' award

Mark Cullison - Editor  
218 Tanglewood Rd  
Temple, TX 76502

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## **"The Temple Aero Modeler Newsletter"**

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