

The Temple Aero Modeler

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

January 2011



This month's meeting will be held Monday, January 31st at 7:30pm at the Ronald McDonald House Meeting Room in Temple



*Club Meeting –
Jan 31st*

CLUB INFO

*Fly-In-The-
Taco-Soup –
Feb 13th*

*Mall Show - Feb
26th -27th*

2011 Officers

President:	Frank Sodek 773-8081
Vice Pres/Sec.	Cliff Manuel 217-0428
Treasurer:	Buster Hinkle 982-4746
Safety Officer:	Lance Starzyk 760-8678
Field Marshal:	Terry Turner 913-0307

Instructors

Frank Sodek, Jr.	773-8081
Mark Cullison	773-9686
Paul Horan	780-1274
Doug Staines	780-3512
Lance Starzyk	760-8678
Fred Huber	698-4777



On The Cover

Event CD, Mark Cullison, is shown with the haul of toys that were collected at the Don Cullison Toy Fly-In. The toys donated to Toys-for-Tots and the Ronald McDonald House.

Photo by Kelsey Cullison

Temple Event Schedule

Jan 31	Club Meeting	7:30pm
Feb 13	Fly-in-the-Taco-Soup(tentative)	12 noon
Feb 26-27	Mall Show	
Feb 28	Club Meeting	7:30pm
Mar 16	First Beginners' Night	5:30pm
Mar 28	Club Meeting	7:30pm
Apr 17	Spring Picnic/First Combat	1pm
Apr 25	Club Meeting	7:30pm
May 6-May 8	Central Texas Airshow	
May 22	Combat (tentative)	2pm
May 23	Club Meeting	7:30pm
	(one week early due to holiday)	
Jun 12	Sanctioned Fun Fly	11am
Jun 26	Combat (tentative)	2pm
Jun 27	Club Meeting	7:30pm
Jul 10	Combat (tentative)	2pm
Jul 24	Combat (tentative)	2pm
Jul 25	Club Meeting	7:30pm
Aug 14	Combat (tentative)	2pm
Aug 28	Combat (tentative)	2pm
Aug 29	Club Meeting	7:30pm
Sep 11	Combat (tentative)	2pm
Sep 25	Fall Picnic/Last Combat	1pm
Sep 26	Club Meeting	7:30pm
Oct 2	Fall Fun Fly	1pm
Oct 16	Poker Fly	10am
Oct 31	Club Meeting (tentative)	7:30pm
Nov 2	Last Beginners' Night	5:30pm
Nov 28	Club Meeting	7:30pm
Dec 4	Don Cullison Memorial Christmas Toy Drive/Fly-In	1pm
Dec 5	Christmas Banquet/ Officer Elections (tentative)	6:30pm

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

On the web at: www.templeaeromodelers.org
Web Master: Mark Cullison
mcullison1@aol.com

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President's Report

by *Frank Sodek*



Greetings from your newly elected club President. I hope everyone had a safe and enjoyable holiday season, and I also hope Santa delivered that new RC-related gadget that you were wanting!

It's really hard to believe that we're starting a new year once again. We finished out last year with two fun events – the Don Cullison Memorial Christmas Toy

Fly-in and the Christmas Banquet. Thanks to the generosity of club members, Mark was able to deliver a van full of toys to Toy-for-Tots and Ronald McDonald House. The Christmas Banquet was well attended and had lots of great food and fellowship. Combat League trophies were awarded and Club officer elections were held (see the results elsewhere in this newsletter) and the evening concluded with the hugely popular Chinese gift exchange directed by Buster Hinkle.

Inside the front cover of this newsletter you will find a tentative schedule of events for this year. There's always a bit of fine-tuning performed later, but most of the dates are fairly firm, so put them on your personal calendar and plan now to attend. You'll see that the events are very similar to prior years' events, but that doesn't mean the list is closed, so if you have suggestions for a new event (and would like to take the lead in directing it) please bring it up at the next club meeting.

Our first event for this year will be the Taco Soup Fly-in on Sunday, February 13. Mother Nature doesn't always cooperate for this event, however I'll guarantee that we'll have a great tasting hot bowl of soup available to warm your tummy, even if the flying conditions aren't favorable, so come out and have some fun with us.

We will also be holding our annual Mall Show on the last weekend of February (the 26th and 27th). This is an event where we show off our models and our club to the local community and start selling raffle tickets for the RTF plane that we'll give away at the Central Texas Airshow. Get those new planes finished and polish up your old ones, so that you can show them off at the Mall Show next month!

I'd like to thank the outgoing club officers for their great contributions in time and effort to make our club successful. I know that everyone has busy schedules these days, but nothing gets done in the club unless someone steps up and takes responsibility for an event to happen, whether it's a flying-related event or a field maintenance chore. Our flying field is in the best shape it's ever been, thanks to the hard work and dedication of several members that spent a lot of time getting it in the terrific shape it is. Please do your part and help out as

often as possible!

See you at the flying field,

Frank Sodek

fsodek@aol.com

Meeting Minutes (November 29, 2010 meeting)

The meeting was called to order by Club President Lance Starzyk at 7:30pm. Three of the five club officers and nine members were present.

New Members/Visitors - None

Minutes from the meeting held in October were read by VP/Secretary Frank Sodek; a motion to accept the minutes as read was made by Terry Turner and 2nd by Doug Staines.

Treasurer's Report was read by Buster Hinkle; a motion to accept Treasurer's Report was made by Doug Staines and 2nd by Ed Weems.

Safety Report – Safety Officer was not present.

Field Marshal's Report – Field Marshal was not present.

Announcements – Lance reminded everyone that we're in deer season, so take care if you have to cross the fence to retrieve a downed airplane.

Buster read a Thank You letter from the Temple Daily Telegram for the Club's donation to its Newspaper in Education program. The Telegram will run an ad on December 12th announcing our sponsorship contribution.

Old Business

Don Cullison Memorial Toy Fly – Mark reminded everyone to bring a toy in the \$10-\$15 range for the Toy Fly, which will start at 1PM.

Christmas banquet – Lance discussed final preparations for the upcoming Christmas Banquet.

Officer elections – will be held at the Christmas Banquet. Nominees were finalized for VP/Secretary (Cliff Manuel), Treasurer (Buster), Safety Officer (Lance) and Field Marshal (Terry) but not for President.

New Business

Combat Rules – Doug initiated a discussion regarding allowing non-Club members to participate in our combat

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competition (the current rules don't allow it). After the discussion ended, Doug made a motion to change the rules to allow non-members to participate; Lance 2nd and the motion passed.

Trip Reports – None

Blunder Awards – The following blunders were reported:

- 1) Larry incorrectly plugged a LiPo battery into his brand new Hitec transmitter, and smoked it.
- 2) Terry dropped his Spektrum DX6 transmitter and broke a dual-rate toggle switch.

Larry won this month's Blunder Award.

Meeting adjourned at 8:15pm.

Minutes recorded by *Frank Sodek*
VP/Secretary

Meeting Minutes (December 10, 2010 meeting)

A short business meeting was held during the Club's annual Christmas Banquet on December 6, 2010. Club President Lance Starzyk presided over the meeting. Minutes from the November meeting were not read, and no Treasurer's report was given.

Final results for the Club's Combat competition were announced as follows: 1st place: Mark Cullison; 2nd place: David Macek; 3rd place (tie): Don Mondrik and Doug Staines.

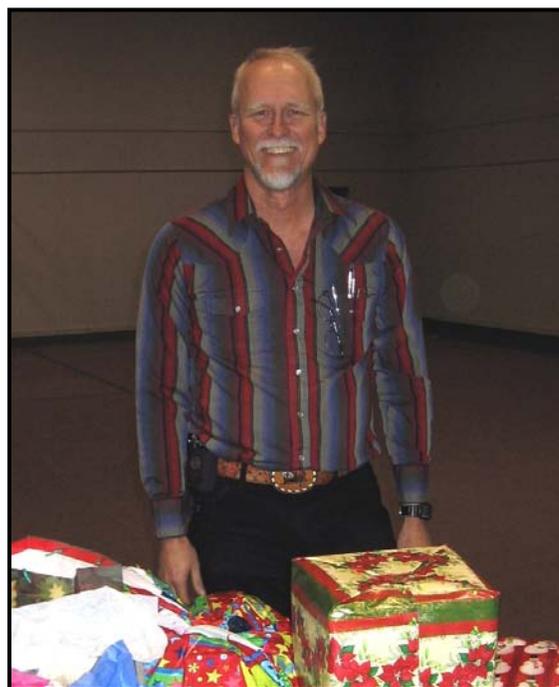
Officer elections for 2011 were held, with the following results: President: Frank Sodek; Vice-President/Secretary: Cliff Manuel; Treasurer: Buster Hinkle; Safety Officer: Lance Starzyk; Field Marshal: Terry Turner; Newsletter Editor: Mark Cullison.

Lance gave thanks to the outgoing officers for donating their time to the club.

Minutes recorded by *Frank Sodek*
VP/Secretary

Paul's Korn'r

The fattest knight at King Arthur's round table was Sir Cumference. He acquired his size from too much pi.



The very popular Chinese Gift Exchange during the Christmas Banquet was again directed by Buster Hinkle.

Treasurer's Report



Beginning Balance: \$4,360.96

Deposits: None

Debits:

Ryobi Weed Eater (Fred) \$215.42
 Ronald McDonald House \$20.00

Total Debits: \$235.42

Balance November, 2010: \$4,125.54

Submitted by *Buster Hinkle*
 Club Treasurer

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Safety Officer's Report

By *Lance Starzyk*



When it comes to safety, it's no coincidence that full scale pilots have a plethora of clichés. An appropriate one regarding incident and accident prevention is; "situational awareness". This phraseology simply means to be fully aware of your surroundings at all times. Whether you're handling, flying or just observing aircraft, being alert and aware of the environment around you is the first step to avoiding most problems.

Similar thinking and good decision making are equally important and this means rules. The 2011 AMA Safety Code, along with our Field Rules, meets this requirement. If you've never read the Code or haven't read it in a while, I encourage you to give it a good read.

It may surprise you and prevent embarrassment while flying at home or away from the field. For your convenience, it has been posted later in the newsletter.

The Importance of Setting Headings

By *Mike Lynch*

One of the first goals of flying RC is to be able to make smooth, level turns. As early as your first practice flight, your instructor will tell you to bank with ailerons, maintain the turn with the elevator, and straighten with the opposite aileron. The goal is to maintain a smooth turn with no gain or loss of altitude. The time it takes to master this first step varies from one beginner to another. And the good feeling you get from mastering this step is but one of many you will enjoy as your flying improves.

With this step mastered, you will be able to "keep the airplane in the air." However, you may not be able to enter and exit the turns you make as predictably as you would like. You may find that

the airplane is flying you, wandering all over the flying field. The second step to flying is to master entering and exiting turns precisely—and the importance of this step cannot be over assessed. As you begin learning how to land, it is mandatory that you are able to exit your last turn (during final approach) in a manner that has you perfectly aligned with the runway. You can master this very important talent only by knowing how to set headings.

Practice with figure eights. Once you are relatively comfortable making smooth, level turns it is time to begin practicing more precise turns. Figure eights are excellent for this purpose because they force you to make left and right turns equally to avoid the "I can only turn left" syndrome. To begin, we recommend making left turns on your right side and right turns on your left side. This way the airplane will always be turned away from you. (Many beginners feel uncomfortable when the model is coming directly at them, even in a turn.)

At first, you may find this quite difficult. The goal is to exit each turn with the airplane heading directly toward a corner of the field (with the center of the figure eight directly in the middle of the field). You will find that you must begin exiting the turn slightly before your desired heading is reached, which can be tricky. Your first few attempts will probably not be perfect and will force you to make minor corrections; you must be quite gentle with the controls to avoid over correcting. Once you have mastered, reverse the direction of the figure eight and start again (right turns on your right side, left turns on your left side).

Always remember the importance of setting headings. As you practice landings (and even after you have performed your first solo), whenever you are having problems setting up your headings, go back and practice figure eights.

Academy of Model Aeronautics National Model Aircraft Safety Code
Effective January 1, 2011

- A. **GENERAL:** A model aircraft is a non-human-carrying aircraft capable of sustained flight in the atmosphere. It may not exceed limitations of this code and is intended exclusively for sport, recreation and/or competition. All model flights must be conducted in accordance with this safety code and any additional rules specific to the flying site.
1. Model aircraft will not be flown:
 - a. In a careless or reckless manner.
 - b. At a location where model aircraft activities are prohibited.
 2. Model aircraft pilots will:
 - a. Yield the right of way to all man carrying aircraft.
 - b. See and avoid all aircraft and a spotter must be used when appropriate. (AMA Document #540-D-See and Avoid Guidance.)
 - c. Not fly higher than approximately 400 feet above ground level within three (3) miles of an airport, without notifying the airport operator.
 - d. Not interfere with operations and traffic patterns at any airport, heliport or seaplane base except where there is a mixed use agreement.
 - e. Not exceed a takeoff weight, including fuel, of 55 pounds unless in compliance with the AMA Large Model Aircraft program. (AMA Document 520-A)
 - f. Ensure the aircraft is identified with the name and address or AMA number of the owner on the inside or affixed to the outside of the model aircraft. (This does not apply to model aircraft flown indoors).
 - g. Not operate aircraft with metal-blade propellers or with gaseous boosts except for helicopters operated under the provisions of AMA Document #555.
 - h. Not operate model aircraft while under the influence of alcohol or while using any drug which could adversely affect the pilot's ability to safely control the model.
 - i. Not operate model aircraft carrying pyrotechnic devices which explode or burn, or any device which propels a projectile or drops any object that creates a hazard to persons or property.
Exceptions:
 - Free Flight fuses or devices that burn producing smoke and are securely attached to the model aircraft during flight.
 - Rocket motors (using solid propellant) up to a G-series size may be used provided they remain attached to the model during flight. Model rockets may be flown in accordance with the National Model Rocketry Safety Code but may not be launched from model aircraft.
 - Officially designated AMA Air Show Teams (AST) are authorized to use devices and practices as defined within the Team AMA Program Document (AMA Document #718).
 - j. Not operate a turbine-powered aircraft, unless in compliance with the AMA turbine regulations. (AMA Document #510-A).
 3. Model aircraft will not be flown in AMA sanctioned events, air shows or model demonstrations unless:
 - a. The aircraft, control system and pilot skills have successfully demonstrated all maneuvers intended or anticipated prior to the specific event.
 - b. An inexperienced pilot is assisted by an experienced pilot.
 4. When and where required by rule, helmets must be properly worn and fastened. They must be OSHA, DOT, ANSI, SNELL or NOCSAE approved or comply with comparable standards.
- B. **RADIO CONTROL (RC)**
1. All pilots shall avoid flying directly over unprotected people, vessels, vehicles or structures and shall avoid endangerment of life and property of others.
 2. A successful radio equipment ground-range check in accordance with manufacturer's recommendations will be completed before the first flight of a new or repaired model aircraft.
 3. At all flying sites a safety line(s) must be established in front of which all flying takes place (AMA Document #706-Recommended Field Layout):
 - a. Only personnel associated with flying the model aircraft are allowed at or in front of the safety line.
 - b. At air shows or demonstrations, a straight safety line must be established.
 - c. An area away from the safety line must be maintained for spectators.
 - d. Intentional flying behind the safety line is prohibited.
 4. RC model aircraft must use the radio-control frequencies currently allowed by the Federal Communications Commission (FCC). Only individuals properly licensed by the FCC are authorized to operate equipment on Amateur Band frequencies.
 5. RC model aircraft will not operate within three (3) miles of any pre-existing flying site without a frequency-management agreement (AMA Documents #922-Testing for RF Interference; #923- Frequency Management Agreement)
 6. With the exception of events flown under official AMA Competition Regulations, excluding takeoff and landing, no powered model may be flown outdoors closer than 25 feet to any individual, except for the pilot and the pilot's helper(s) located at the flight line.
 7. Under no circumstances may a pilot or other person touch a model aircraft in flight while it is still under power, except to divert it from striking an individual. This does not apply to model aircraft flown indoors.
 8. RC night flying requires a lighting system providing the pilot with a clear view of the model's attitude and orientation at all times.
 9. The pilot of a RC model aircraft shall:
 - a. Maintain control during the entire flight, maintaining visual contact without enhancement other than by corrective lenses prescribed for the pilot.
 - b. Fly using the assistance of a camera or First-Person View (FPV) only in accordance with the procedures outlined in AMA Document #550.
- C. **FREE FLIGHT**
1. Must be at least 100 feet downwind of spectators and automobile parking when the model aircraft is launched.
 2. Launch area must be clear of all individuals except mechanics, officials, and other fliers.
 3. An effective device will be used to extinguish any fuse on the model aircraft after the fuse has completed its function.
- D. **CONTROL LINE**
1. The complete control system (including the safety thong where applicable) must have an inspection and pull test prior to flying.
 2. The pull test will be in accordance with the current Competition Regulations for the applicable model aircraft category.
 3. Model aircraft not fitting a specific category shall use those pull-test requirements as indicated for Control Line Precision Aerobatics.
 4. The flying area must be clear of all utility wires or poles and a model aircraft will not be flown closer than 50 feet to any above-ground electric utility lines.
 5. The flying area must be clear of all nonessential participants and spectators before the engine is started.

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Club Meeting – Jan 31st
Fly-In-the-Taco-Soup – Feb 13th
Mall Show - Feb 26th-27th

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