



AMA
Chartered
Club
#1140



2005 AMA Gold Leader Club

The Greater Southwest Radio Control Club is a nonprofit organization. Membership is nondiscriminatory and open to anyone who agrees to abide by Club rules. A condition of membership for insurance purposes is current affiliation with the Academy of Model Aeronautics (AMA). Our flying field is located on the North side of Randol Mill Road, 0.4 miles East of Highway 820 at N 32°46.895' W 97° 12.361'. Visitors are welcome whenever the gate is unlocked. Free flight training instruction is available to members from 6:00 PM to dusk on Monday and Wednesday while Daylight Savings Time is in effect. Regular Club meetings are held on the second Tuesday of each month at 7:00 PM at the North Richland Hills Parks and Recreation Building, 6720 Northeast Loop 820, North Richland Hills, TX 76180 (on the corner of Rufe Snow and NE820).

Next Meeting:

December 11, 2005

6:00PM

Main Street BBQ

The Tail Spinner

Greater Southwest Aero Modelers

P.O. Box 1355

Bedford, TX 76021

<http://www.flygsw.org>

President Walt Fisher (817) 909-6065
Vice President(s) Vacant (817) 540-5921
Secretary Sonny Coleman (817) 251-3940
Treasurer James McGuiness (817) 282-3509
Newsletter Editor Roy Baker (817) 545-4031

President's Corner

I am going to try and thank those who, in my opinion, have contributed the most to helping the club and me as Vice President and President this year. Before I start, I want to state that I know I will omit someone. Believe me, it is not on purpose. In no particular order here they are: Mark Fuess helped me and members of the club with his expertise with engines, technical knowledge across the board, contributed significantly to the web site, shared his knowledge of building and flying RC airplanes. He was the President of the club for eight months. Sonny Coleman helped as the club's Secretary and as web master. Chuck Rovell volunteers in a number of areas. He cuts the field every Friday, purchases things, attends meetings and workdays, and offers suggestions to improve the club. James McGuiness has been the Treasurer and is also known to provide his expertise to new comers in the hobby. Roy Baker continues to publish an outstanding newsletter for the club and allowed me to be late on my submissions to the TAIL SPINNER. Max Ficken has been a regular on training nights, not just as a trainer, but also as the Trainer Coordinator. He also contributed by being Contest Director several events during the year. Additionally, Max assisted with recovering the water hoses. Thanks to Bill Leaf for his first year of cutting the runway on Mondays. Lewie

Moore has been a regular at workdays, cutting the grass around the runway and other areas on Fridays and finding things for me to do. He has also suggested better ways for me to accomplish them. His ability to operate heavy equipment improved the drainage in the pit area. John Graham put out the hoses and sprinkler 3 times a week.

Tom Russell routinely recovered the water hoses from the field early in the mornings to clear the field for the early flyers. Bob Mueller has maintained the float fly

Merry Christmas!!

area and often cut the grass outside of the main gate and along the road. Rick Crippen and boys (wife included) have emptied the trash barrels. Steve Rogers kept the mowers running and frequently repaired the Pepsi machine. Gary Stevens as the Events Coordinator. Thanks to those members attending and helping on the Saturday Workdays. Special thanks to the Control Line guys as they have been a tremendous asset. They helped build the new shed for the reels and helped build the overhead shelter for the glider/helo area and maintained

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In Memory

GSWAM Charter Member

Anthony (Tony) Trimarchi

5/14/1933—11/3/2005

**December/January
Event Calendar**

DEC 10--Grapevine, TX (C) DEAF and 114th RC Aerosquadron Toys For Tots Fly-In Site: Club Field. Sponsor: 114th RC Aerosquadron #1318. CD: Wendell Hubbard, 7924 Coldshire Court, North Richland Hills, TX 76180. Phone: 817-777-8230(day) 817-308-1100(eve) E-Mail: hubbardwendell@hotmail.com WebSite: www.114thrcaerosquadron.com Club Field located at Meadowmere Park, Grapevine, TX This is a Fly-In for all types of R/C aircraft. Admission is one new, unwrapped toy for the Grapevine Police Toys for Tots Drive.

DEC 10--Fort Worth, TX (C) Cowtown Cold Cuts Site: Greater Southwest Aero Modelers Club Field. Sponsor: Greater Southwest Aero Modelers Club #1140. CD: Ed Kettler, 6725 Grant Lane, Plano, TX 75024. Phone: 469-867-7981(day) 972-618-2989(eve) E-Mail: ed.kettler@comcast.net WebSite: www.rccombat.com AMA proof and hardhats required. Pilot's meeting @ 9 AM; first round @ 10 AM. 8 rounds of SSC and 4 rounds of limited B.

JAN 20-21--Georgetown, TX (UnSanc) Georgetown 2006 Swapmeet Site: City of Georgetown Airport, Pilots Choice Hanger. Events: What could be better than a model airplane swapmeet at an airport hanger. Come see the B-25 "Devil dog". Its based in the hanger we will be using. It will be parked outside for this event. We moved for the

2006 Swapmeet. Our old site is down for remodeling. This year it will be at the City of Georgetown Airport at the Pilots Choice Hanger. Date and Time is January 20, 3pm to 9pm and 21, 9am to 2pm. There is no heat-

ing in this hanger so dress accordingly. Port-o-johns will be available outside. Giant scale viewing is dependent on space inside (I wouldnt count on a lot) . Raffle this year will be a ready to fly Cessna and door prizes too. See our club web site for additional info, www.gamarc.org . It would be a good idea to bring a chair because this year we have to rent all our tables and chairs. \$5 to get in (free for spouse and under 12 w/adult) and Tables are free. Since this is a working airport there will be NO FLYING electric airplane demo's allowed outside on airport property. Sponsor: Georgetown Aero Modelers Association #1813. CD: Bob Petriner, . Phone: 512-260-3887(day) E-Mail: rgp@texas.net

JAN 28--Rio Hondo, TX (C) Flight Fest Site: Club Field. Sponsor: Small Model Aircraft So-
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7336 Grapevine Hwy.
Fort Worth, Texas 76118
(817) 589-2624

5720 Davis Blvd.
Fort Worth, Texas 76180
(817) 581-0553



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Tail Spinner Submissions

Items for the Tail Spinner are due by the 25th of the month. Remember that ads are free to members. Send them to:

Roy Baker
3303 Fox Glen
Colleyville, TX 76034
(817) 545-4031

(e-mail) rbaker19@comcast.net

November Meeting Minutes

The November 2005 business meeting was called to order by Club President Walt Fisher at the North Richland Hills Community Center.

The minutes of the October meeting as printed in the newsletter were approved.

New Members: John Porter

Field Report: Walt Fisher reported that the flying facility is in good condition for now.

Treasurers Report: Club Treasurer James McGuinness reported that there were no major expenses this month.

Old Business:

2005 Club Christmas Party Update: The attending club membership approved a \$500.00 expenditure for Christmas Party raffle gifts.

Club BBQ Grill Replacement: The attending membership approved a motion made to appropriate \$300.00 for the purchase of a new BBQ grill.

2006 Club Officer Election: The 2006 club officers are:

President – Tim Lovett
Vice-President – Lee Rice
Secretary – Sonny Coleman
Treasurer – John Graham
Newsletter Editor – Roy Baker

New Business:

2006 Membership Cards Available: Membership cards and Gate keys are available at Airport Pawn & Hobby and Roy's Hobbies.

Model of the Month: Dave Cleveland won the November Model of the Month Award with his 39.5% Spacewalker.

Club Web Site: Be sure the visit the Greater Southwest Aero Modeler's web site at: <http://www.flygsw.org>. There is a current membership roster in the "Members" area and be sure to check out the club's "Tech" site, there's an abundance of useful information available.

Sonny Coleman - Secretary
817-251-3940
Sonny@flygsw.org

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their area without any outside assistance. As I said, I am sure I omitted someone but not intentionally. If it was you, I am sorry, but I and others in the club are grateful for your help.

Finally, I thank all of those who supported me during the year. Please provide the same support, if not more, to the new officers of the club. The strongest and most influential member is the one who attends meetings and votes. Be assured, your voice was heard during my tenure.

This was a banner year because in 2005, we exceeded 2004's total membership which reinforces what I already knew; our club is getting stronger and is growing while getting better. Let us all help the club grow better in every way during 2006.

See you at the field, Walt.

SANTA CLAUS IS COMING TO GSWAM

This could be the best Christmas ever for GSWAM. Santa Claus is coming to GSWAM 11 December at Main Street BBQ in Euless at 6-8:30PM. Tickets are \$12 and may be purchased from Lawrence Harville, Lewie Moore, Tim Lovett, John Dale Stanzak, or John Jay Stanzak.

Santa is bringing toys for the rc'er. In his bag will be many gadgets that will come in handy. A preview of what he is bringing is: Heating iron, heating gun, prop balancer, tachometer, battery charger, volt meter, allen wrench set, mono coat, 4-way wrench, 6 piece precision pliers set, clamps, CA, epoxy, glue caddy, hand crank fuel pump, electric fuel pump, gift certificates. This is about half of what Santa will be passing out. NO SCREWS.....sorry.

Oh! I almost forgot there will be several 40 size ARFs in his bag.

It is Santa's intention for every member in attendance to receive a gift. Be sure to attend and get your present.

Spread Spectrum

On October 20, 2005, Horizon Hobby and Spektrum RC announced the release of a new 2.4 GHz radio control system utilizing digital spread spectrum (DSS) technology. This system is designed for flying smaller park flyer and micro/mini helicopter-type aircraft. This is exciting technology that we will see integrated seamlessly into our flying site operations. It is very important for AMA members to understand that *the operation of this type of system has no effect on the operation of our other systems operating on 72 MHz*. Additionally, it is very important for members to understand that *there is no plan to phase out the 72 MHz band or any other bands currently authorized for radio control air and surface models*.

It is our hope and apparently that of Horizon and Spektrum that this use of the spread spectrum technology will grow within the park flyer, foamie and micro/mini helicopter ranks with the release of this current system. This means that those operating that type of aircraft will no longer have to worry about interfering with flying sites operating aircraft within the 72 MHz band. They will be able to fly safely and securely anywhere there is enough room and permission to use the site has been granted. Additionally, those flying on 72 MHz at the more traditional flying sites will not have to worry about those flying with spread spectrum systems regardless of where they are flying.

It also appears that the introduction of this system for aircraft (and last year's introduction of a surface system) is the beginning of a new era for radio control. We fully expect to see systems designed for the operation of all other aspects of radio control model aircraft to be introduced. The time frame for additional new systems is not known at this time. It is reasonable to expect that most radio control system manufacturers are working on systems with this technology.

AMA has been involved with the use of the 2.4 GHz band actively since 2003. At that time the AMA attorneys who represent us before the FCC helped us determine whether or not the use of this band, and spread spectrum technology within this band, was legal for the uncensored operation of surface and air



The Tail Spinner

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Spread Spectrum from AMA

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ciety of Harlingen #2135. CD: Gary Dye, 1310 Pamela Drive, Mission, TX 78572. Phone: 956-581-4340(day) 956-519-3917 (eve) E-Mail: garysjp@rgv.rr.com WebSite: www.smashrc.com SMASH Field located at Parkway Road, Rio Hondo, TX. Pilot fee is \$20 and includes lunch and dinner meals. Pilot raffle. Proceeds from open raffle to be donated to Harlingen Boys & Girls Club. See website for directions.

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models. We were advised at that time by several manufacturers that they were working on systems utilizing this band and technology. In July of this year, AMA published the article *Digital Spread Spectrum, The Story So Far* by AMA Frequency Committee member Dan Williams in *Model Aviation*. The article included a sidebar on *Milestones in Radio Control* written by me. This is an excellent primer on DSS. You can access the article on the web site by clicking the above link.

AMA has spent several months testing the surface systems released last year. A new spectrum analyzer was purchased that does a better job of looking at this technology. AMA is now involved in testing the new aircraft system. Extensive test flying and bench testing is planned. AMA's purpose in this testing is to gain more knowledge about the operation of this type of system and impart any knowledge gained to the membership.

Rest assured AMA will continue to explore this technology and help guide

members as needed in the use of the technology. Keep an eye on this web site and *Model Aviation* magazine for more information. A new feature article on DSS is planned in the near future. Additionally, I will continue to publish information as I obtain it in my Technical Director's column. As Dan Williams wrote in his first article in July... *enjoy the ride, it's going to be fun!*

—Steve Kaluf, Technical Director; AMA Frequency Committee Coordinator