



### General Meeting

*Monday May 14*

### ***Annual Inspections:***

***Pass or Fail***

*Phil MacNutt*

*Meeting: 6:30pm*

*Tres Amigos Resturaunt*

*US 183 & US 290*

### Upcoming Events

May 14	Meeting
May 19	Club Flight
June 2	Palestine
June 11	Zilker Crew Training
June 23	Glow
July 9	Meeting
July 13-14	Lampasas

### President's Letter

Gary Sertich

The annual inspection. It strikes fear into our hearts, but mainly the pocketbook! Will it pass, or will it fail? If it fails, how much do I have to pay to get it in shape to fly? Even if it passes, I'll still have to shell out hundreds of dollars just for the inspection. Having just completed the annual for our balloon (thankfully it passed), we are only too aware of the costs. However, did you ever wonder what they do in an inspection? Come hear Phil MacNutt talk about the tests he recently performed on the great pink one, N6278M. This experimental envelope failed Phil's set minimums for pull and rip tests, and therefore headed to a new "life" as a ground tarp.°

Whether a balloon flies 100 hours or not at all, it still needs an inspection to ensure that the burner O-rings are pliable, the wicker is not broken, and that fabric

has not deteriorated. Safe flying is a result of good training and a sound aircraft. The annual ensures that one part of this equation is met.°

*Gary*

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**Central Texas Ballooning Association**

**Club News**

**Potential Austin Balloon Event**

Therelocation of the Children’s Hospital to the Mueller site presenta a chance for the CTBA to have a balloon event. See P-3.

**Membership**

Please renew your membership. Pay at the Party, but at least by the January meeting. The number of paid members attending the January meeting sets the voting quorum for the year.Pilots, if you have crew who are not CTBA members, please encourage them to attend meetings and to join CTBA.

**CTBA Electronic Newsletter and Web Site**

If you would like to contribute to the newsletter or have information about a ballooning event, please contact the editor, Joe Reynolds. The deadline for the newsletter is the same as the Board Meeting date. Your contributions make this a much better newsletter and help keep everyone interested in this excellent sport. Please send us your suggestions and let us know about problems so we can improve our communications.

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**Quotation**

“I learned that danger is relative, and that inexperience can be a magnifying glass.”

*Charles Lindberg*

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**Inks Ranch Camp-Out**

The camp-out was another successful event. Expect more news at the May meeting and next month in the newsletter. A few of Rusty’s photos are on Page 4.

**Observer Training**

BFA Nationals

The competition and event organizers are interested in training observers for BFA sanctioned events. Instructors can come to Austin and also conduct training in Waco in conjunction with activity leading up to the nationals. Participation during the Waco Nationals will beextensive and require considerable time. However, the training is applicapable to future events. If you are interested contact Joe Reynolds.

**CTBA PHONE LINE**

**(512) 479-9421**

**CTBA WEB SITE**

**[www.main.org/ctba](http://www.main.org/ctba)**

**CTBA EMAIL**

**[ctba@austin.usa.com](mailto:ctba@austin.usa.com)**

**CENTRAL TEXAS REGIONAL  
BLOOD CENTER**

The CTBA has an account, Any CTBA member is guaranteed blood and will receive a discount on the cost of blood in the unfortunate event it is needed.

**Please take time to donate.**

Central Texas Regional Blood Center  
4500 North Lamar Blvd.  
206-1266



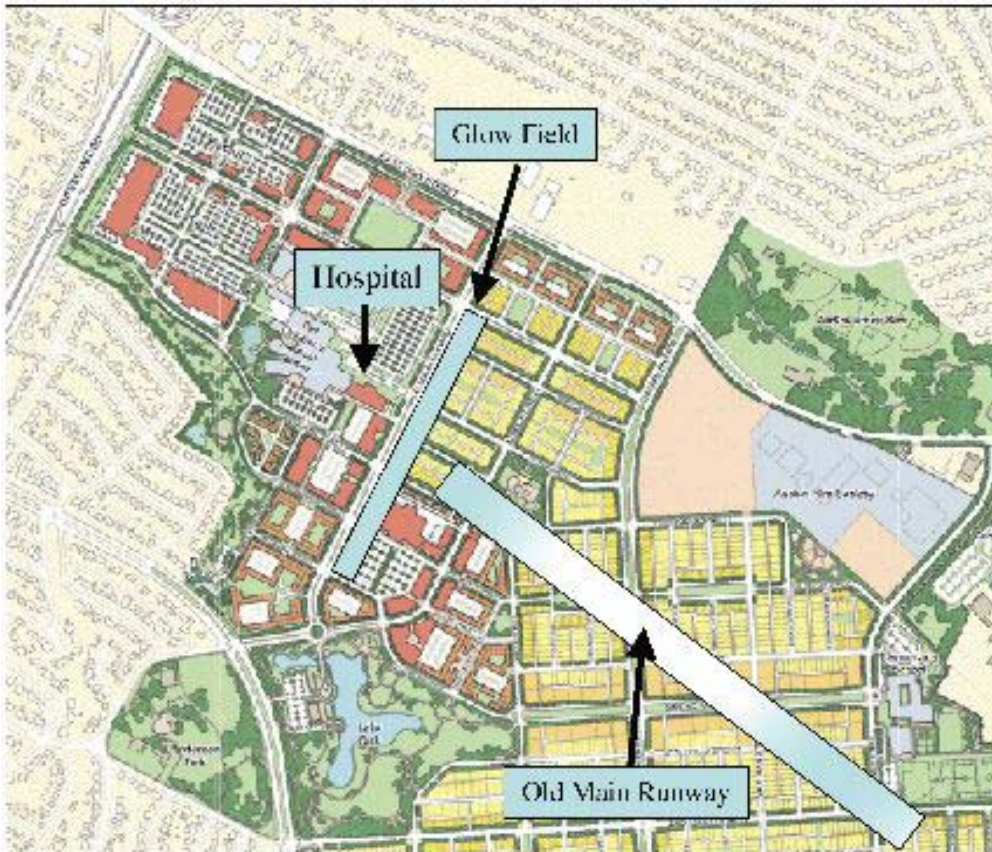
## Dell Children's Hospital Glow

Plans are firming up for the June 23<sup>rd</sup> glow to mark the relocation of the Dell Children's Hospital to the Mueller Site. The CTBA is responsible for the details of the glow. A committee headed by Dick Goss is coordinating with the main event organizers. Besides being a fun event, it will make some money for the club treasury. It has signs of becoming a continuing event. Area and other pilots are being invited.

Here's an overview of the arrangements –

Barbecue for pilots and crew :	6:30 p.m.
Briefing and weather:	7:15 p.m.
Begin cold inflate 19 balloons:	8:10 p.m.
Stand all 19 balloons at sunset:	8:30 p.m.
Glow Ends:	9:15 p.m.
Fireworks Begin:	9:15 p.m.

The glow site is grass and mowed weeds. It's just off the west end of the old main runway and taxiway strip. At 100ft per square, the strip is almost half a mile long. Details, like crew parking, and traffic are still being worked. Fireworks are to be out over the main airport area. Get prepared for a fun event.



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### Deadline Reminder

All ads, articles, tidbits, photos, cartoons and classified ads are due **NO LATER** than end of the month prior.

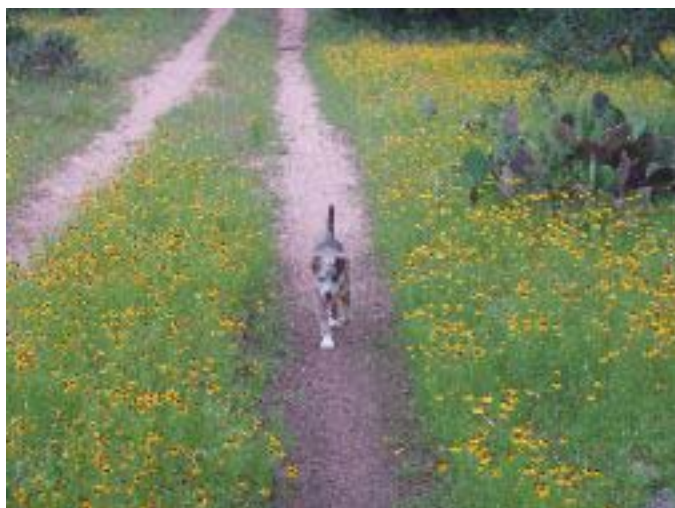
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April / May 2007

## Inks Camp-Out

*Photos courtesy Rusty*



## Amarillo Balloon Association AIBR 2007 Registration is now Open

We are excited to announce that we are now taking Registration and Reservations for the 2007 Amarillo Invitational Balloon Rally coming October 2007.

Please visit our website at:

**<http://www.piratesofthecanyon.com>**

for specific dates and event information. On the home page is a link to the Reservation and Registration page. If you have any question, please feel free to email us at **[aba@balloonamarillo.org](mailto:aba@balloonamarillo.org)** or call our main office at 806-367-8311.



## N6278M Dies

Phillip MacNutt, AP

On Sunday, April 22, 2007, N6278M failed both pull and rip tests, condemning it to the non-flying stack in the garage.

I like articles that start out with what you wanted to know. I hate those articles that make you read two paragraphs of “... *It was a Sunday morning, much like any other Sunday morning, a bit of haze, a cup of coffee, I relax on the porch thinking, what happened to my youth...* ” and a bunch of crap like that before you get to the meat of the story.

Anyway, a bit of history about 78M. Built in 1996, this balloon is a “standard shape” (a.k.a. “Smalley pattern”), basically the same shape as a Cameron design. The size is roughly 83,000 cubic feet, which makes it a small AX8. In the beginning, I ordered about 900 yards of fabric from a broker, mainly Kelly green, red, blue, and some black. I went to the shipping dock (where every class of heathens hang out) and found 3 rolls of neon pink, neon yellow, and military green drab. What a wonderful combination. Shipping it back would cost a fortune, and these brokers make only a shred of a profit so there was no way they would pay for the return shipping. I had no choice but to deal with this train wreck of a color selection. We cut the fabric on the floor of Stinky’s shop. Our knees suffered irreparable damage. I went on to build the envelope and purchased a 1982 Barnes basket from Wendell Bordelone in Houston. This basket happens to be Dave Koenig’s first system, which he bought while in graduate school (he has a PhD in microbiology). For those of you who don’t know Dave, he was my instructor and a rather colorful individual. He’s a big guy with a big black beard and a big black dog. Well, now he just has a gray mustache. This basket is a rather unusual model rarely found in the triangle basket world. Back in the 70s and 80s, Tracy Barnes offered three levels of baskets; the Firefly, which is what you are all familiar with (full suede, etc), next step down was the DragonFly (what I have), and finally, the Gadfly, a entry level

basket with no padding on the bolster, just raw wicker with 3 tanks. Very cool. Almost everyone to date has a Firefly.

When I built the envelope, the first thing I did was test several samples of the fabric with pull and rip tests. Average pull was around 45 lbs, with a rip of about 9 lbs. In comparison, standard store-bought fabric pulls at roughly 70 lbs. The reason for the difference is because the fabric I use is a super-lightweight silicon coated material, primarily intended for sport parachutes. Any of you that have helped carry this envelope immediately feel the benefit of this stuff; it weighs about half a normal envelope (115 lbs in the bag). The downside of course is that it does not last as long and is more fragile, thus making it unsuitable for the brutality of commercial balloonists and slave-labor parking lot tethers. Silicon coated fabric is very slick and working with it is like trying to sew ball bearings. Within a few years I noticed that the neon was fading up on top, but testing during annuals continued to be quite good. This is the envelope that I took to 32,000 feet many years back when it was fairly new. Last year the pull test popped at 25 lbs, which is what I consider a minimum for my systems. I knew then I probably had one more year. Then on Sunday, Renee and I hauled it out and hooked up the scales and pull rig. I did the pulling and renee watched the scale and called out the numbers; “fifteen, sixteen, sevente..... rrrrrriiiiiiiipppppp”. Just for giggles we went ahead and did a rip test, which also failed. We opened a beer and said a eulogy.

I do not know for sure, but I believe that commercial balloons use roughly a 30 pound minimum for their pull tests. To give you an example of the safety margin this gives, consider the situation that happened at the nationals in Baton Rouge many years ago. Robert Mock, a very, very, aggressive pilot (he had been kicked out of races for his flying methods), launched out of the field at roughly a 2,000 fpm climb. No kidding, witnesses said the top of the balloon was all caved in because of the extreme climb rate. At about 2,000 feet, the top of the balloon opened up. The balloon streamered to the ground and he later died. I spoke with the repairman that did the



post-flight inspection, and she told me that the fabric up there was like tissue paper, probably tore at a pound or two. Without the super hard climb, this balloon would have probably continued to fly even with tissue paper fabric. This should make you feel a little better about the condition of your balloon...

A pull test consists of placing two 1 inch square clamps, one inch apart on the fabric. One clamp is held stationary while the other clamp, connected to a scale, is slowly pulled away. When the pull reaches the number specified in the balloon repair manual, the tension is released. A rip test is normally only done if the pull tests are marginal and there is concern about the fabric integrity. This test is the same as the pull, except that a one inch wide slit is cut in the fabric midway between the two clamps. The scale is pulled until the fabric rip begins to propagate.

It is important to note that these tests have nothing to do with porosity, which is a totally different situation where the coating on the fabric degrades allowing air to flow through. Most folks talk porosity when they discuss the life of their balloons, but fabric strength is probably more critical (at least in my mind). For example, I tested the porosity of my envelope after it failed the pull and rip tests. It was zero. Everywhere I checked there was absolutely zero air flow. So it flies like it is new, but with much weakened fabric. This envelope had about 100 hours on it. I checked with Brian Boland, who has more flight time with silicon fabric than anyone (by a factor of 10 probably) about the life of this type fabric. He indicated that in the heat of Texas, 150 hours might be a reasonable expectation. But neon, for whatever reason, degrades at a much faster rate, which he confirmed.

I flew this system for 10 years and had many memorable flights in it. I'm glad it failed because I am absolutely sick of that ridiculous pink neon.

The cost to build this envelope was roughly 2,000 dollars and a bunch of serious labor. I cannot remember who all helped, but I believe it was skinny, Sandra, Leah and Lowell, Rhonda, and others, please tell me who I have forgotten. My memory is worse than my mom's who is 82 years old

We are currently overhauling the basket installing new suede bolster material, new suede on the uprights, refinishing the wicker and floor, new hoses, and a plethora of other improvements. I just learned that word plethora a couple of years ago.

### **Richard Abruzzo Speaking Event**

Southwest Regional Balloon Club has added an event in Lubbock for Saturday, June 9, 2007. Following a flight we will have a guest speaker and a buffet lunch at River Smith's restaurant on 406 Q Avenue from 11:00 to 14:00.

Our guest speaker will be Richard Abruzzo, a gas balloonist from ABQ. He has competed in the Gordon Bennett gas balloon race at least 9 times and won it twice. He will be taking about the Gordon Bennett race and gas ballooning. This is an exceptional opportunity to have Richard in this area and enjoy his presentation on the Gordon Bennett.

There is room for 55 people at River Smith's restaurant and have an option to expand into another larger area, if there is enough demand. The buffet will include chicken and fish as well as desert and ice-tea. The cost is \$8.95 per person and the buffet line will remain open for 1 hour.

RSVP if you would like to attend.

Tony M. Poteet

Southwest Regional Balloon Club

806-863-2856

E-Mail to: [doctortpoteet@yahoo.com](mailto:doctortpoteet@yahoo.com)



## Field Hop

April 27

Frustrated with bad flying weather most of this Spring, four pilots decided to have at least short flights. If the weather was too uncertain to allow flights of even 30 minutes, maybe conditions at a big field would allow some 'hops', contained in distance and duration.

Rusty found a big field at Slaughter and Texas Oaks, behind the Disk Golf establishment [who gave permission for flights any time]. The field is adjacent to Casey Elementary. Saturday April 27 was forecast with very low clouds and winds aloft were in the 20s. At 5:30am Flight Service [some guy in Washington – thanks Lockheed Martin] was emphatic that no VFR flight was allowed. Well, he was wrong. There was some ground fog, about 15ft thick, but clouds were above 12,000.

All four pilots, Philip, Joe, Gary, and Rusty inflated along the drive leading to Casey school as it was dry and not dew covered. Flights were sweet. A contingent of spectators gathered to watch and some were coaxed into helping. The 'Field Hop' was a big success. The weather forecasts were all WRONG. The ceilings were way up, and wind was calm to very light and variable. The ground fog died with sunshine. The 21 to 26 winds at 3000' never had an effect. We should have been prepared for long flights.

*JoeR*





## Taking Science to New Heights

*Joe Reynolds courtesy CHS*

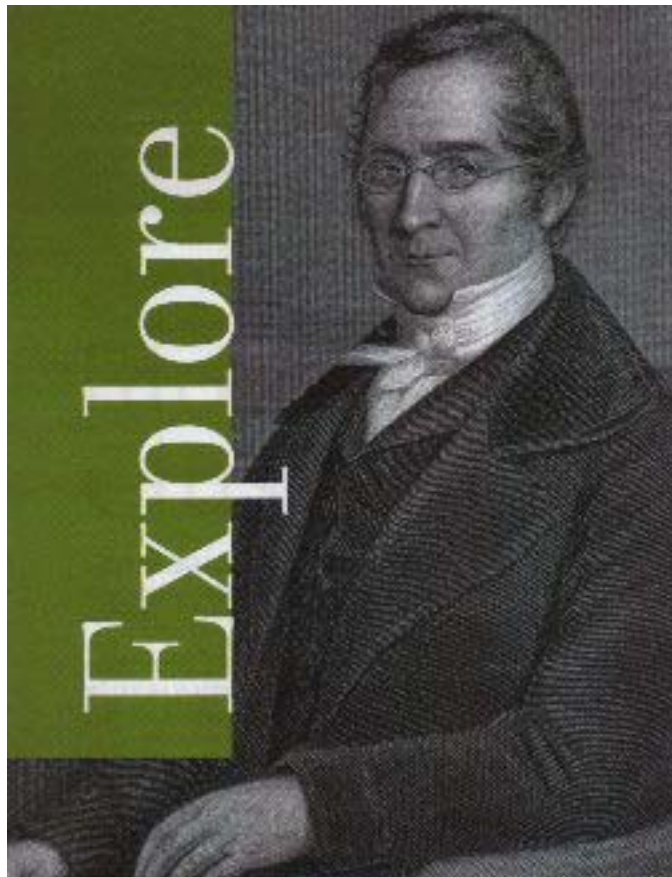
I found some interesting history of ballooning while reading a copy of Chemical Heritage.

For the thrill seeker, Joseph Louis Gay-Lussac, his balloon flights of 1804 were terribly exciting. Gay-Lussac nearly froze to death in the cold of his flights 23,000 feet above northern France, but he set a world record for altitude that stood for 49 years. Yet this pioneering pilot was not just out for excitement; he flew because he was motivated by a thirst for knowledge.

Gay-Loussac was 25 at the time of the flights and a protégé of the great French chemist Claude Louis Berthollet, who had worked with Antoine-Laurent Lavoisier to devise the modern system of chemical nomenclature. Human air flight was a relatively recent invention. The first manned balloon flight were made by Joseph and Etienne Montgolfier in 1783. The Montgolfier brothers used hot air to provide lift to their balloons, but lighter-than-air hydrogen soon became the preferred gas. Berthollet wanted to use the new technology to find out whether the strength of the earth's magnetic field or composition of its atmosphere varied with altitude. Too old to fly a balloon himself, he asked Gay-Lussac to conduct his experiments. On the first ascent Gay-Lussac and Jean-Baptiste Biot, another young scientist, observed no change in the earth's magnetic field. On the second ascent Gay-Lussac, this time flying solo, collected air samples.

The globes of gas collected on these flights were eventually analyzed – suitable techniques had to be invented – and the work led to the 'Gas Law' of combining volumes. The work directly supported the new atomic theory of John Dalton. Gay Lussac's work on Hydrogen and Oxygen showed that a water molecule was  $H_2O$ . The work inspired Avogadro's hypothesis that [at the same temperature] equal volumes of gas have the same number of molecules.

So, remember, the early balloonists weren't just 'capturing smoke' in their paper and linen envelopes. They were part of the scientific revolution. And their flights would be significant today.



*Images: Chemical Heritage Society*



**Mr. Potato Head is Down**

Chemical Engineering progress reported in the April issue about a balloon event wit flights ending inside a chemical plant. I guess I won't complain too much in Albuquerque next Fall.

*JoeR*





## CTBA March 2007 Meeting

12 March 2007

In attendance were: Charlotte Thompson, David Pinkney, Gary Sertich, Melissa Kaplan-Sertich, Sam Edwards, David Murphy, Mary Murphy, Joe Reynolds, Lloyd Cates, Andrew Levy, Leah Linney, and Lisa Giguere

The following notes are recorded in order of discussion.

- ⌚ The social hour ended with the Old Airship Movie Clips video from Lloyd.
- ⌚ The projector has been purchased, its here for its first meeting. Although there are no official rules written yet for its usage outside of the regular meetings, it should be available for balloon related events... contact someone if you are interested in using it for balloon talks or balloon education.
- ⌚ Recent flying:
  - Gary had hoped to fly but was unable to...
  - Sam did participate with Phil Bryant in a propane association publicity event around the capital. They flew last week twice. On the second day, they launched from the TxDot offices, while paying a bit more attention to the winds... They flew over the east capital grounds. The photographers have promised Sam a video of the footage, which he will bring to a meeting. Highland Mall is a Red Zone according the mall manager, since Phil tried to land there.
  - Lowell flew a week ago, from Wells Branch/ Mopac to the out buildings at Mueller.
- ⌚ Some folks attended the safety seminar in Dallas. It was well organized and had good topics: pilot thinking skills, pre-flight planning, mental state issues, cold weather flying concerns (heating the tanks, fuel economy, doing everything with gloves on, recovery, good video) hot weather flying (hydration, heat-stroke, watching the crew, performance, balloon internal temperature, dry grass situations with burners, storing baskets inside trailers with propane tanks- make sure that they are vented in the summer, tethering a balloon in a parking lot- try to have some stake covers to use in case you take-off or land in a parking lot or other location with metal stakes). Other attendees were also interested in the Lake Flight, so we want to keep them in our communications around planning.
- ⌚ The Houston safety seminar had about 60 attendees. The guy that sat next to Joe flew in from Seattle. Don Day did the weather segment, he is a pilot also. The seminar was good.
- ⌚ Is anyone flying this weekend? Sam is traveling, Joe is traveling also.
- ⌚ Sam was contacted by Seton southwest to see if anyone would donate a balloon ride for an employee, or perhaps a reduced rate? If anyone is interested....
- ⌚ Calendar reminders
  - Tuesday, June 26<sup>th</sup> – Dell Children’s Hospital opening, still 19 balloons, could be \$\$ involved, Dick Goss is coordinating, this may turn into an annual event
  - Inks campout on May 4<sup>th</sup> through 6<sup>th</sup>
  - Bellville Saturday, April 7<sup>th</sup> – we should put a note about this out on CTBA pilots
- ⌚ This evening’s program is weather – by Joe.
  - Primarily Austin weather, but the resources are available for other areas
  - Iterative plan, keep planning until you call it off
    - ⌚ Start planning three days in advance
      - < Tv weather
      - < Online forecasts
      - < Crew
      - < Bipal
  - Weather radar, forecast <http://usairnet.com>
    - ⌚ Choose aviation weather, texas/Austin city/aviation model
  - National weather service modeling
  - Weather link from CTBA website for NWS
  - Current conditions and history
    - ⌚ [www.kxan.com](http://www.kxan.com) or AWOS phone
  - USAIRNET: radar, maps, wind speed, forecast, conditions, flight restrictions, for any airport, winds aloft, 6/12/24 forecast on winds aloft, current site, site history,
  - School weather net from [www.kxan.com](http://www.kxan.com) – conditions at launch and landing sites, wind field for area, video, temperature, humidity
  - For the Lake flight, there is a weather station – Austin yacht club or Pond Springs Elementary
  - 1-800-wxbrief, give name, n-number, ask for standard weather briefing, ask for VAD winds, ask for temporary flight restrictions, ask for stability index (how soon winds aloft will be on the ground), can also ask for Robert Gray AAF (Ft. Hood)
  - Weather flow
  - Decision criteria: 2-5 degrees temp/dew point spread, look at Rel. Humidity history, winds aloft < 15 to 17 depending on stability, wind < 5-6 depending on the balloon, radar clear of flow events and storms, VAD wind < 20
  - Recent experiences
- ⌚ Charlotte motioned to adjourn the meeting, seconded by Melissa, all were in favor
- ⌚ The next meeting will be on 4/9 (after Bellville)
- ⌚ Mel is going to contact a ‘taco cart’ about the Lake Flight to come and sell tacos and coffee, etc.



## CTBA April 2007 Meeting

9 April 2007

In attendance were: Steve Katz, Charlotte Thompson, Rusty Kaim, Sam Edwards, Shari Pearson, Dick Goss, David Smuck, Joe Reynolds, Lloyd Cates, Melissa Kaplan-Sertich, Cynthia Pryor, Mike Pryor, Gary Sertich, Phil McNutt, Tim Baggett, Paul Nevitt, and Lisa Giguere.

The following notes are recorded in order of discussion.

- < We have John Beasley and Madeline Irvin visiting during the meeting. Madeline is a free-lance writer and she will be doing an article about the lake flight, and perhaps a magazine article on ballooning.
  - < Cynthia distributed the new CTBA 2007 Membership Directory.
  - < Who's been flying: Sam (twice), Joe went to visit Dee and Donald.
  - < Cynthia has an update on a few calls:
    - o Williamson county YMCA looking for a tour of a balloon for the kids, is anyone interested, Cynthia will send an email
    - o Uvalde balloon show, Cynthia will also email that info
    - o American cancer society (Steve), Building bridges weekend retreat (April 20 – 22) in Burton, TX. They are willing to provide mileage and possibly lodging, for a Sunday morning flight or tether. If anyone is available, please let Steve know. Cynthia will also include this info in the email.
  - < Treasury report: \$3802.31 Jan 1 beginning balance. With almost \$600 in dues paid then expenses totaling \$990 (holiday charity, BFA membership, printing fees, answering service, and the new club projector) for an ending balance of \$3366. plus the CD at \$1564 for a final total of \$4931.
  - < Joe's Nationals email: previously, not a significant. But now they are looking for observers and they are willing to train (even to attend our meeting and do training)
  - < Red Zone map update.
    - o History of the clubs maps
    - o Current internet mapping capability
      - ✧ Maintaining spots
  - o Google Earth maps
    - ✧ Satellite and street map hybrids
    - ✧ 2 versions - \$20 and \$400
    - ✧ Drawbacks of the \$20 version includes the fuzzy maps
    - ✧ Perhaps we should consider the \$400 version
    - ✧ SketchUp was acquired by Google earth which allows for
      - < Annotating the maps, to be able to add red zones
      - < Share maps with either the club or with the entire Google community
    - ✧ These are interactive and fairly easy to learn
  - o Lloyd mentioned that we are always looking for feedback on previous or new red zones
  - o Lloyd is also looking for assistance in inputting the current red zones
  - o Lloyd will send an email with the links and some information
  - o Rusty suggested that we all get together on a Saturday and Lloyd assigns each person to an area and a few red zones to go out and confirm their status, then we can all get back together and provide feedback and then have breakfast or lunch.
  - o Lloyd is also looking for good launch sites
  - o Sam explained how he uses the older red zones maps that he had. Several folks suggested that he do a program on his techniques for GPS navigation.
- < Inks Ranch campout is May 4 – 6
  - < Everyone got their club meeting reminder postcards (and enjoyed them), great job Gary and Lowell and Leah.
  - < Charlotte motioned to adjourn the meeting, seconded by Cynthia, all were in favor
  - < The next meeting will be on 5/14



Patches

## CTBA Marketplace

### Get Your CTBA Spirit

Display a **CTBA Decal** on your car, truck, trailer, bike, or cooler. Offer them to friends or passengers. Blue, yellow and white, 3 inch diameter with adhesive back. Only \$2.

**T-Shirts** - Royal Blue with the same logo as decals. Small emblem on the chest and large one on back - \$10

**Patches** - Embroidered cloth - \$2

All available at club meetings and club flights.



Shirts and Decals

### CREW BOOKS and VIDEOS

The CTBA has copies of Gordon Schwontkowski's book on crewing balloons; "HotAir Balloon Crewing Essentials" Regular price is \$30 plus shipping.

"From the Ground Up" DVD for crew training. \$20 each phantom@austin.rr.com

## *Buy, Sell, Trade*

*Classified ads are FREE to members. Buy, sell, trade or swap balloon or non-balloon related items. Submit copy to the editor no later than the first of the month.*

### For Sale or Trade

2000 Lindstrand 105A with less than 20 hours. Over Cameron bottom. Double burners, Rotation Vents, 1/3 Hyperlast. Contact Nick Stanko at (512) 251-4024.

**Trade:** anyone want to trade a 24" fan guard for my 30 inch? call phil. if your guard is all beat up, don't call.

**DO IT YOURSELF Magnetic Sign Kit** for Cars, Trucks or Vans. Kit comes complete with 2 12x18 White Magnetic Signs and 10 Full Sheets of: Red & Black Vinyl Letters, Numbers and Borders. Cuts with Scissors to make Custom Shapes. Regular Retail Price \$29.95. CTBA Member Special Price \$20.00. Contact Lowell 459-1339

**For Sale:** 4 tanks, one 11 HP Honda fan, T&C Fiesta basket, flytec 3040 and flytec 4005 for sale.

Photos showing condition of all items are on the CTBA web site.

Call or email for further details at wlohmeyer@yahoo.com or 469-879-1615

Thanks

Wayne Lohmeyer



**FAA Web Site Home page** (<http://www.faa.gov>) has a list of links for pilots that lead to **graphic TFRs** (<http://tfr.faa.gov/tfr/list.jsp>), **NOTAMs** (<https://pilotweb.nas.faa.gov/distribution/atcsc.html>), **Weather** ([http://www.faa.gov/airports\\_airtraffic/weather/](http://www.faa.gov/airports_airtraffic/weather/)), and a downloadable pilot certificate application. We encourage all pilots to use these resources and promote and support the Federal Aviation Administration.

## CTBA Library

We have volumes of interesting and educational balloon literature. If you would like to read the latest newsletters from Albuquerque or Colorado, learn about weather or flash back to last century's news, we probably have a document to suit you. Send the editor an email or ask us at the next meeting

## ADVERTISING

All ads are due on or before the board meeting date.

<u>Size</u>	<u>Rate</u>	<u>Image Area</u>	
Full Page	\$ 20.00	71 x 10	
2/3 Page	\$ 16.00	V 5 x 10	H 71 x 6H
Half Page	\$ 11.00	V 3H x 10	H 71 x 5
1/3 Page	\$ 8.00	V 2I x 10	H 71 x 31
1/4 Page	\$ 6.50	V 3H x 5	H 71 x 21
1/6 Page	\$ 5.00	V 2I x 5	H 3H x 31
Submit copy to:	CTBA - Attn.: Editor P O Box 2675 Austin, Texas 78767-2675		

## Disclaimer

The CTBA Newsletter, *Hill Country Hot Air*, is published monthly by the Central Texas Ballooning Association in Austin, Texas. All facts and opinions expressed are those of the author(s) alone and do not necessarily reflect the views of the CTBA. Original material may be reproduced without permission as long as proper credit is given. The acceptance of advertising by this publication does not imply endorsement of that product or manufacturer.

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## Memberships

The CTBA is non-profit corporation founded in 1984. We welcome new members. Dues are \$20 per year for an individual and \$30 for a family. To receive only the newsletter without voting rights is \$12 annually. Meetings are held on the second Monday of every month at Tres Amigos Restaurant, Hwys 290 & 183. Anyone interested in the sport of ballooning is invited to attend.



# Calendar

4/29/07	4/30/07 Jim Rice	5/1/07	5/2/07	5/3/07	5/4/07 Inks Ranch	5/5/07 Inks Ranch Temple Air Show Sun: 0643 2012
5/6/07 Inks Ranch	5/7/07	5/8/07	5/9/07	5/10/07	5/11/07	5/12/07 Club Flight Sun: 0638 2017
5/13/07	5/14/07 Club Meeting	5/15/07	5/16/07	5/17/07	5/18/07	5/19/07 Club Flight Sun: 0643 2012
5/20/07	5/21/07	5/22/07	5/23/07	5/24/07	5/25/07	5/26/07 Phil MacNutt Sun: 0631 2025
5/27/07	5/28/07	5/29/07	5/30/07	5/31/07	6/1/07	6/2/07 Sun: 0629 2029

### Officers / Board Members

President: Gary Sertich  
 Vice Pres: Mike Pryor  
 Treasurer: Cynthia Pryor  
 Secretary: Lisa Giguere  
 Board: Joe Reynolds  
 Lloyd Cates  
 Phil MacNutt  
 Bret Miller  
 Librarian: Jim Rice  
 Editor: Joe Reynolds

### Committee Chairpersons

Safety Seminar: Joe Reynolds  
 Lake Flight: vacant  
 Web Page: Mike Pryor

**CTBA PHONE LINE**  
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**[www.main.org/ctba](http://www.main.org/ctba)**  
**CTBA EMAIL**  
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The primary purposes of the **Central Texas Ballooning Association (CTBA)** are to promote, develop and aid the art and science and awareness of ballooning in Central Texas. CTBA provides its members friendship and camaraderie in group ballooning activities. Through this association, members who are student pilots are able to obtain instruction in preparing for the examinations for pilot licenses. Seminars are conducted for all members on ballooning regulations, safety, first aid and landowner relations. Facilities for training and broadening of skills concerning ballooning are provided for members.