

Kinko's Makes



Valwood Branch at: 13940 N. Stemmons Freeway, Suite A, Farmers Branch, TX 75234
Telephone (972) 406-1116, Fax (972) 406-9998, www.kinkos.com

Dallas Area Rocket Society ("DARS")

James Gartrell
408 Driftwood St.
Rockwall, TX 75087



Permission to reprint articles is given as long as proper credit is given to author and DARS.

WWW.DARS.ORG

SHROUDLINES

A Dallas Area Rocket Society Production

SHROUDLINES

A Newsletter of the Dallas Area Rocket Society



DARS
NAR Section #308
Jan/Feb
2004

Volume 13, Issue 1

Dallas Area Rocket Society ("DARS")

In Memory of Beth Sapp

By James Gartrell

This issue of Shroudlines is devoted to Beth Sapp, loving and devoted wife of Tim Sapp, and loving and devoted mother of her two sons whom she loved so dearly, Alex and Eric. Although Beth has left this physical world, she will always remain in our hearts and minds. I know I speak for everyone from DARS when I say our deepest sympathies go out to Tim, Alex and Eric, and the rest of their family. They will forever remain in my prayers, and I think that's what Beth would want us all to do.

Beth was also a dear friend and a wonderful person, DARS member and certified Level 2, and much more. I don't think there are enough words or the right words to truly memorialize a person as special as Beth was, even though I've had a long time to think about it since her funeral on January 24. The best tribute has, instead, already been expressed by all those who knew and loved Beth.

It was expressed by Doug Sams with his comments after learning of Beth's passing:

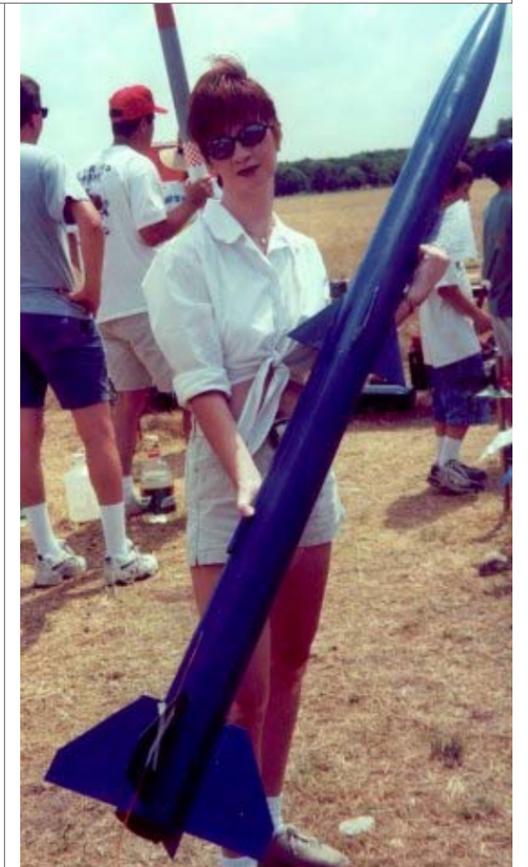
"It is rare to ever see a couple who love each other so much as Tim and Beth. They were not just lovers, but the best of friends, too. Tim often expressed his pride in Beth. 'My wife's level 2', he has said many times, making jealous many of us who are just glad our wives put up with us.

Having a wonderful mate is a gift from God. Losing one must be the most painful loss. My heart goes out to Tim and the boys. They have lost their wife and mother, friend and teacher, and a truly special lady.

May God lift them up in their time of need. And may they always feel Beth's love and warmth."

Amen, Doug!

Again, friends throughout the rocketry community expressed their tribute upon getting this note from Chuck Cummins:



I pulled this photo from the DARS website. The picture was taken by Alex Sapp, Beth's oldest son, in June 2001. The rocket is her Level 2 cert rocket, just before her certifying flight.

"Guys I am starting a collection for Tim Sapp and his boys. You can contribute if you want but I think someone needs to do this. Beth Sapp was a big part of Texas Rocketry and she worked hard for all of us.

Beth will be sorely missed."

Chuck presented a substantial check to Tim and noted, "The outpouring of support for the Sapp Family is evident by the number of people who have contributed." Anyone who has lost a loved one knows how difficult things can get pretty quickly with all the

(Continued on page 2)



Member - National Association of Rocketry ("NAR").

Special points of interest:

- In Memory of Beth Sapp - This issue is devoted to the memory of Beth Sapp. The first three pages include remembrances and photos of Beth.
- Currently planned Launches, Outreach, and Contest Events for 2004 are listed.
- DARS Shroudlines is sponsored by HobbyTown USA! See page 7.
- Gordon Agnello (not a DARS member) is currently taking orders for a new kit, a 1/45th scale Little Joe II.
- Check out THE PAYLOAD BAY to find new members.

Inside this issue:

Rocket Girl Beth	3
PICS (of Beth)	3
Upcoming 2004 Events	4
Little Joe II	5
New Paint for Me or How I Painted "Tweedy Has an Attitude"	6
Did You Know	7
The Payload Bay	7

(Continued from page 1)
extra expenses, especially when you are left as a single parent with children to raise. Thanks, Chuck, for getting us all in gear.

An overwhelming show of support was also seen in the large number of folks who took time out to come to Beth's funeral and support Tim and the boys and their family. Despite the rain, there wasn't enough room in the parking lot for all of the cars, and the chapel was over-flowing with people.

By her true caring and concern, Beth truly left a piece of her with all of us, which is obvious from reading what folks have shared. It was also obvious from comments shared at the funeral by family and friends, that her care and concern not only extended to DARS members but extended to every relationship in her life. I will never forget that only three weeks before her funeral, she was consoling me about the death of my sister in December. What a wonderful woman!

One lady at the funeral, a church member I believe, noted how Beth was always a "greeter." She was the first person to greet her when she came to their church, and she noted that Beth always seemed to be out front of everyone else when it came to greeting folks. Well, I can certainly attest to that, and I heard many others say the same thing. I find the greatest comfort, though, knowing that Beth will join with us again in heaven. Until then, we will all miss you and be thinking of you, Beth, and we thank you for the friendship you shared with us on this earth.



Above left—Beth assists Roy Burton during his certification attempt. Photo by Roy's wife.



Above right—Besides being there for all the other rocketeers, Beth was there for her family as well. Awaiting a pad at the last LDRS where Tim certified L3. I don't remember who took the photo, probably Bill Gee.

Right—Richard Benavides provided this photo. He notes: During NTHP 20 Beth Sapp was the safety check-in for my Level 2 certification flight. When she asked me at the desk who my witnesses were I told her I didn't have any yet. She said she would, then called over to Tim, who was RSO, and told him he was too. "I am?" he asked and she said, "You are now!" Photo by Bill Gee.



Below—Jerry Brillowski shares this picture, with the caption: "Honey, can you fix my zipper?"



Left—Beth's Armageddon soars to the heavens! I'm not sure who provided this photo, but I wish I'd had a bigger one. Tim said the Armageddon was Beth's favorite rocket. No wonder, it has almost as much style and grace as Beth.

DID YOU KNOW? By James Gartrell

> I am proud to announce that HobbyTown USA is helping to sponsor Shroudlines with a paid ad. They're supporting us, so let's support them. Go by their shop when you can and check it out. They're located centrally to the metroplex with easy access right off Central Expressway. They have a variety of products for just about every flyer, and DARS members receive a 10% discount. Last time I was there they had a variety of Aerotech motors, too!

to look as if they're screaming.



Funny! He also added decals to put on the screamin-verkins! It's a new MOD review on EMRR, http://

> J. Stuart Powley, not a DARS member, built a "Screamin' Max" from the Estes Screamin' Mimi kit and some decals he made on his own. Very cool! He modified the skulls on the Der Red Max decals

HobbyTown USA
Dallas, TX

Best Rocket Selection
In The Metroplex

- *Aerotech
- *LOC Precision
- *Public Missile
- *Reloadable Systems
- *Altimeters, Locators
- *Knowledgeable Staff
- *Much, Much More!!!

214-987-4744
8041 Walnut Hill Ln #870
Dallas, TX 75231
Next to Dave & Busters

THE PAYLOAD BAY By James Gartrell

As promised last issue, here are the new members added since December. Be sure to look them up at the next meeting and say hello! They probably would love to hear about your experiences. Tim is really a super guy, and Jerry and Ann are almost like old hands already. I'm not sure if I met Glenn, but my memory isn't always the best either. ;-) DARS has really been fortunate in the past few months, adding some really super rocketeers to the fold. Yippee!!

Below are the new members:

- Glenn Bailey
- Jerry Brillowski
- Tim Dixon
- Cynthia Ann Scheidemantle and Danielle



The Dallas Area Rocket Society is a non-profit chartered section of the National Association of Rocketry ("NAR"). Its purpose is to promote the hobby of consumer rocketry in the Dallas/Ft. Worth metropolitan area.

Membership in DARS is open to all interested persons. Membership in NAR is encouraged, but not required. Annual dues are \$10.00 for individuals and \$15.00 for families. The entire family, including children, are welcomed to the meetings.

The club meets on the first Saturday of each month at 1:00 p.m.

Meetings are held in Plano, TX at:

Plano Late Night Bingo
1805 Ave K (18th and K St.)
Plano, TX 75074

Exit off Hwy 75 to East Plano Parkway (just north of George Bush Turnpike—Hwy 190) and go east, turn left on K St., and turn right into the shopping center just north of 18th St.



Stay connected! All of us will reach greater heights with your attendance at the club meetings.

New Paint for Me or How I Painted "Tweedy Has an Attitude"

By Richard Benavides

After wandering thru an auto parts store looking for a mirror I came upon the paint section and found from Dupli-Color a new form of paint. Well, it was new to me, hadn't seen it before. It's a two part 'rattle-can' system called METALCAST Anodized Surface Color System.

There is a "Ground Coat" of a metallic silver that is covered with a translucent "color paint," in this case it is Yellow Anodize EMC202000. It also comes in red, blue, green and purple but the caps are colored chrome. Read the directions on the back and said that if used on a chrome surface it will be colored chrome and says on METAL-CAST giving a metallic/anodized look.

Another reason I thought of this paint is where it says it can take up to 500 degree temperatures intermittent. What I found out the hard way is when I added 2.25 oz. of nose weight using #8 lead shot and 20 min epoxy the heat softened the paint and made a small dimple where it was resting in a vertical position.

I first prepared the surfaces with a 120 grit sanding to give the Krylon white sandable primer a biting surface and let dry overnight. Lightly sanded the first coat with 400 and sprayed again. Again overnight to be buffed with a paper towel giving it a semi-gloss shine. Sprayed one coat of the "Ground Coat" then let dry for a couple of hours, says it dries in 30 minutes but I got involved in a movie. Sprayed a couple of coats of the Yellow and let dry overnight.

Found the sticker decal at the same store and cut it out to rid the parts I didn't want then covered in an acrylic semi-gloss spray so not to mess up the two Tango Papa Decals also on the ship. Later will put on a couple of coats of clear gloss enamel or lacquer, depends on testing. Right now it has depth, a 3D effect and when out in the

sun, sparkles like crazy. Too bad the pictures don't do it justice.

As a follow up, I also found out there is a paint called Mirage where it changes colors depending on the light source angle. Here is the Dupli-Color site:



Ground coat applied. Photo by Richard Benavides.



"Tweedy Has an Attitude." Photo by Richard Benavides.



Editor's note: I captured this picture at a DARS meeting. Blake loved the decal and Richard picked up one for him. It's really cool so I thought we needed to see a big picture of it. Nice job, Richard!! Photo by James Gartrell.

Rocket Girl Beth By George "The Other" Sprague

I am privileged to have known Beth and Tim and their boys through DARS, and I am still shocked at the fact that the person that saw me through my finally successful Level 2 attempt was Beth. She was proud of the fact that she obtained her Level 2 before me, and that I had been beaten by a girl! Well, my friends, that's one race I didn't mind falling behind in 'cause Beth was really trying hard and she did one heck of a job.

It's not going to be fun without her to participate in all our activities and meetings. And I know that it won't be the same if I ever try for Level 3. I bet she would have been there first. And given me another hard time about it. But I have no doubt that she would be just as encouraging as before, because that was her nature.

So I have to wonder, is she bringing any cookies to the meetings at that great Rocket Club in the sky? I bet they taste better than ever. Rest easy, my friend!

PICS From Roy Burton



Above—A very focused Beth lends a little advice as Roy is distracted by the photographer, his wife I think. ;-). Folks in the background watch a rocket somewhere way up above.



Left—Beth looks on as Roy is almost ready to launch his AMRAAM. As this series of photos shows, when Beth helped you, you got 100% of her attention. I'm sure it will be a memory Roy Burton will never forget. Thanks for sharing with all of us, Roy.

Bottom—Beth proudly looks on as Roy receives his initialed flight card from a smiling Guy Rogers.

Upcoming 2004 Events

By James Gartrell

Launch Events

DATE	FIELD	LAUNCH DIRECTOR	TYPE	COMMENTS
3/13-14	McGregor	TBA	HPR	St. Patrick's Day Sport Launch. Waiver is active up to 11,000' AGL. All Level 3 flights must be cleared by Launch Director. The Lucky Leprechaun regional contest will also be held in conjunction with this launch.
4/24-25	McGregor	TBA	HPR	Sport Launch. Waiver is active up to 11,000' AGL. All Level 3 flights must be cleared by Launch Director.
5/29-31	Hearne	James Duffy	NSL	NAR National Sport Launch hosted by AARG. For more info, contact: http://aarg.org/ns/
6/19-20	McGregor	TBA	HPR	Father's Day Sport Launch. Waiver is active up to 11,000' AGL. All Level 3 flights must be cleared by Launch Director.
7/17	Windom	TBA	HPR	Sport Launch. Waiver open to 11,000 feet with windows to 24,000 feet. Contact event director for all Level 3 flights.
8/28-29	Windom	TBA	HPR	NTHP Sport Launch. Waiver open to 11,000 feet with windows to 24,000 feet. Contact event director for all Level 3 flights.
9/25	Windom	TBA	HPR	Sport Launch. Waiver open to 11,000 feet with windows to 24,000 feet. Contact event director for all Level 3 flights.
10/16-17	Windom	TBA	HPR	Shoot for the Stars Sport Launch. Waiver open to 11,000 feet with windows to 24,000 feet. Contact event director for all Level 3 flights.
11/13-14	Windom	TBA	HPR	Turkey Shoot Sport Launch. Waiver open to 11,000 feet with windows to 24,000 feet. Contact event director for all Level 3 flights.

NOTE: All launch dates are subject to site availability. Visit www.dars.org for additional details as they become available. Model rocket pads are available for rockets of all sizes, regardless of launch type.

Outreach Events

DATE	TIME	WHERE	CONTACT	COMMENTS
3/27	9am—12pm	McKinney	George Sprague Outreach@dars.org	This is the YMCA launch with 250 kids... Yes, 250 Kids. We need a lot of help with this one.
4/17	10am-?	Arlington	George Sprague Outreach@dars.org	Troop 286 at Loyd Park.
5/8	9am—3pm	Dallas Market Hall	George Sprague Outreach@dars.org	This is the Circle 10 scout show. About 5 to 10 thousand scouts that want to see everything and talk to everyone.

Rocket Contests

DATE	FIELD	CONTACT	COMMENTS
3/13-14	McGregor	Nettie Hunsicker Jhunsicker@hotmail.com	Lucky Leprechaun Regional Event: <ul style="list-style-type: none"> • Eggloft Duration - no R/C (C motors for A Division and B motors for others) • A Boost Glide Duration - no R/C or flex-wing • 1/2A Helicopter Duration • PMC

Little Joe II

By James Gartrell

Gordon Agnello of Roachwerks is taking orders for a new kit he's putting together, a 4" 1/35th scale craftsman kit of a Little Joe II!! He's expecting to release the kit in about 3 months, but is taking pre-orders now. You can see a flight picture on page 5 of the November/December "Sport Rocketry" magazine.

Gordon isn't a DARS member, but he is a super rocketeer. Not sure where he came up with a name like Roachwerks for a rocket company either, but it probably is tied with Skunk Works (ala Squirrel Works and who knows what others :-)) of SR-71 fame among many others. I bought a couple items from him on eBay and we chatted a while about our rocketry experiences. I really enjoyed the conversation, so we have stayed in touch. With rocketry in common, how can you go wrong? :-)) Anyway, it had been a pretty long while since last talking with Gordon, so I sent him an email to find out what's been happening with him. That's when I found out about the LJ II. The following is what Gordon had to say about the kit.

"The price isn't finalized as of yet. I still have to make the Apollo capsule capable of being reproduced consistently, but I'm getting there. This will NOT be a easy kit to build! But I think you could easily enter it in a scale competition. I'm being very fussy about scale accuracy!

The model will be 4" in diameter (BT-101) and 26" tall—this will be BIG! It will be powered by a central 24mm motor. A D12-3 will fly it BEAUTIFULLY! She does about 400' on a single "D" motor...consistently! The centering rings also have cut outs so you can fly it with a central 24mm (up to an "E" size) AND six 18mm motors. A seven motor cluster for all you "Fire

and Smoke" crazys! The nose cone/capsule will be built up similar but stronger to the old Estes Apollo Capsule but with a hardwood (basswood) tip and maple escape motor. The prototype has a screw-eye hidden deep inside the tower and a leader is snapped on before flight with an 18" parachute so it lands base down!

Time line...well that depends on a lot of things. How soon I can turn all the wooden parts. How soon the tubes, and corrugation arrives. How long it take me to make the plansets...that will be rather elaborate! I have to have some decals...not many. I would expect by late spring...May at the latest. I am real pleased with the reaction to this so far. But please...don't send me money yet!"

As Gordon said, don't send money yet. But if you want to be sure you get one of these, you'd better get in contact with him real quick. Here's

his email address: gagnello@yahoo.com.

I tried to pin him down with a price, but to no avail. It sounded to me that it will be somewhere between \$75 to \$100, though, and probably closer to the upper end. That's not a bad price range when you consider that the Estes Saturn Vs sell for nearly the same amount, and they aren't near as rugged as Gordon is making his LJ II. Heck, I've seen the Estes and Centuri LJ IIs sell for that much and more on eBay, so I'm more likely to get Gordon's LJ II before I get one of those! And since Gordon is being real picky about maintaining scale accuracy, the LJ II should compete well. I like the way he set up the recovery mechanism as well. Cool! Even if you're not that interested in scale, it would make a cool looking mid power rocket and is probably easily modified to fly using F or G motors for some real altitude.

Alright, now that all that's been said, I want everyone to know I haven't received any promotional fees from Gordon. :-)) I just thought it was a very cool kit and folks would like to know about it! If you hear of other kits you want members to know about, send me an email. Inquiring minds want to know these things. :-))



Left—This is the prototype, after about 30 to 40 flights on a D12-3. Note the centering ring, left of rocket.

Bottom—This is the installed centering ring. Woowee!! Photos by Gordon Agnello.

