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AKA News

The Journal of the American Kitefliers Association

VOLUME 11, NO. 2  MARCH/APRIL 1989

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Let the festivals begin . . .

ALOHA '89 CONVENTION
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HOW TO MAKE A ROKKAKU
The low down on flip-flops . . .

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"One string world" . . .
**AKA**
**AMERICAN KITEFLIERS ASSOCIATION**

### 1989 Officers and Executive Committee

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<th>Position</th>
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### Past Presidents

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- George Moran
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### Honorary Members

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### Founder

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- (503) 324-5070

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- La Palma, CA 90623
- (714) 821-8784

#### Region 13: Int'l
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- 344 Dieppe Street
- Windsor, Ontario
- Canada NBS 3V2
- (519) 948-8819

### Comments?
Write or call your Regional Directors!
Kiting

Volume 11, No. 2

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Kiting is the official publication of the American Kitefliers Association (AKA). It is published six times a year — January, March, May, July, September, and November — for the information of AKA members, member-merchants and supporters. Copyright © 1989.

Editorial Board


Submissions Articles and Photos

Submissions to Kiting from AKA members are welcome. Members are invited to submit articles about kiteflying, kitemaking and design, kiting programs and activities; announcements of upcoming events; kite plans; photographs and drawings, etc.

Please type and double-space articles for Kiting. Be sure to include sender’s name and phone number.

Photos must be in sharp focus and may be color or black and white, although black and white photos are best for non-color reproduction. AKA will extend membership six months to members whose photo(s) are used on the cover of Kiting. On a separate sheet of paper, please include photographer’s name, date and location of event where photo was taken, name and designer of kite, and name(s) of individual(s) shown in photo(s).

Deadlines: 1st of month before the issue of publication for articles, photos and event information: 5th of the month before publication for camera-ready ads. Send to Patrice McFadden, 75 Holly Park Circle, San Francisco, CA 94110

Send membership forms, change of address, payments and renewals to the AKA office at 1559 Rockville Pike, Rockville, MD 20852. Send membership queries and historical material for AKA Archives to Robert Price, 3839 Dustin Road, Burtonsville, MD 20866. Other AKA officers may be contacted directly at the addresses and phone numbers listed.

Patrice McFadden - Editor-in-Chief
Cover Photo Credit: Father's Day Kite Festival San Francisco '88, photo by Steve Touchi

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THE JOURNAL OF THE AMERICAN KITEFLIERS ASSOCIATION
THE PRESIDENT'S CORNER

by Jim Miller

It truly is exciting to see the number of kiting events in the kite calendar continue to grow by leaps and bounds.

It seems as though a few short years ago an ambitious, serious kiteflier could endeavor, if he tried, to make it to most of the "major" festivals and competitions around the country. Now, once the kite season gets into full swing, we have a sizable event going on somewhere in the country almost every weekend! We are finding major events being organized in areas that previously have not had big kiting festivals. This kind of coverage surely shows how kiting is growing across the U.S.! So lend a hand to some of the newcomers you see on the flying field, and don't forget to tell them about the AKA!

Now, on to some AKA business (just to show you the executive board is earning their salaries).

You no doubt have read about the skyrocketing costs of liability insurance. The AKA's insurance costs have been increasing as well. We now pay $1.24 per member for our coverage. The executive committee recommended raising family affiliate memberships to $2.00, from the current $1.00, because of this and other increased costs. This was passed by the full board of directors (regional directors voting by postcard), so when you receive your membership renewal, you'll know the reason for the increase.

Bevan Brown has "retired" as Festivals and Competitions Chairman, a post he held for almost 10 years. Bevan spearheaded the effort to standardize competition rules, judging criteria and other elements of our competitions, and to see that they were documented in a way that would provide continuity for future years. His levelheaded, rational approach and unflappable demeanor were the epitome of what a "judge" should be. The AKA was fortunate to have Bevan in this job during its formative years. Well done, Bevan!

Al Hargus III has moved from Region 7 and resigned as its Regional Director. He was everything a Regional Director is supposed be. Al was an outstanding example to other Regional Directors in the execution of his office; he gathered information on kiting events within his region and reported them to Kiting, he stimulated the attendance of members in his region at local, sectional and national events; he distributed questionnaires to his membership to provide feedback for important AKA decisions, and generally worked hard to make the regional director system work for the AKA. Well done, Al!

Bevan will be replaced as Festivals and Competitions Chairman by Mike Keating. Al will be replaced as Region 7 Director by Don Janke. We have two additional new Regional Directors: Suzanne Edison in Region 2, and Ron Romero in Region 11. All are eminently qualified, and we wish them well in their new posts.

Your board is discussing a major policy change for the AKA and would welcome feedback on the subject. Up to now, AKA policy has been to hold AKA conventions for the members; public spectators have not been encouraged to attend. Conventions are held without advance publicity, press releases or other media attention that could attract the general public. We sense the organization is ready for a change (note the letter from Joel Scholz in the January issue of Kiting). Publicizing our conventions can attract an appreciative audience for our comprehensive, fighter kite, and dual-line competitions, and encourage greater public participation in the sport/hobby of kiting. The executive committee is currently investigating arrangements for handling public spectators with the chairmen of the upcoming Hawaii and Oregon conventions.

Spring is just around the corner. See you on the flying field!

Good winds,
They call this place the melting pot of the Pacific. The natives are warm and friendly, with a mix of cultures spanning the Pacific. Like summer all year long in most places, with trade winds blowing most of the time. On a single island you can ski off a snow topped mountain, then drive 2 hours to a barren volcanic desert. You can enjoy the quiet of a tropical forest, or the excitement of the thundering north shore surf. Our state flower is the hibiscus, our state fish is too long to try to pronounce, and our state bird is the flying cockroach! We consider eating as an official sport — in fact, we admit we even love to eat Spam!

We have chosen Aloha '89 as our theme for the 1989 AKA Convention in Hawaii. Most people know aloha means both hello and good-bye; it also implies the warmth and friendship of the island people. Our Convention's goal is to make sure all Aloha '89 attendees experience this special spirit of Hawaii. The Bird of Paradise flower reminds us of the unique natural beauty of Hawaii but it is the spirit of aloha that truly makes this paradise.

If you're looking for that "great excuse" for that vacation in Hawaii, the 1989 AKA Convention is it!

PACK YOUR BAGS

Start planning your Hawaiian Adventure now. We recommend you get reservations well-ahead of time.

**Date:** October 4-8, 1989  
**Location:** Honolulu, Hawaii  
**Headquarters:** Princess Kaiulani Hotel  
(A Sheraton hotel.)  
*For you mainlanders, who can't pronounce it, "the P.K. Hotel" will do!

Princess Kaiulani Hotel  
120 Kaiulani Avenue  
Honolulu, HI 96815  
(808) 922-5811  
Ask for Mike Kim

**CONTEST LOCATION**

Queen Kapilolani Park

You may not need a car as the park is five blocks from the hotel; we will provide a shuttle, and parking is very limited at the park.

TRAVEL PLANNING SERVICES

The Sheraton Travel Service at 1-800-634-4747 can help you with both room and air accommodations. They have a block of rooms reserved. They will also provide shuttle services to and from Honolulu International Airport. Of course, you may also check with your own travel agent.

**TENTATIVE SCHEDULE**

- **Tuesday, October 3** — Optional tours (details later)  
- **Wednesday, October 4** — Registration Opens —  
  AKA National Competition — Workshops  
- **Thursday, October 5** — Competition Continues —  
  AKA Business Meetings  
- **Friday, October 6** — Competition Continues —  
  Auction  
- **Saturday, October 7** — Competition Concludes  
- **Sunday, October 8** — Fun-in-the-Sun Day —  
  Special Events — Hula Show — Awards Banquet

(continued on page 4)
TENTATIVE COMPETITIONS

STUNT KITES
- Creativity
- Individual precision
- Individual ballet
- Team precision
- Team ballet

COMPREHENSIVES
- Delta or derivative
- Centipede/trains
- Soft/semi-rigid
- Flat or bowed
- Novelty
- Cellular or derivative
- Cooperative
- Stunt kite (new category)

MEMBER’S CHOICE
- Favorite kite
- Favorite kite accessory

KITE FIGHTING
CHALLENGES
- Rokkaku
- Others (suggestions?)

LOCAL CONTACTS

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Contest Co-Chairman
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Auction Chairman
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Demos and Workshops
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Kite Fantasy
(808) 922-KITE

Correspondence to the committee heads can be directed to:

Hawaii Kitefliers Association
P.O. Box 11722
Honolulu, HI 96828

Please be considerate of time zone differences when calling us! (Hawaii is 5 hours earlier than Eastern Standard Time and 6 hours earlier than Eastern Daylight Time.) Registration information and schedule details will be in the next Kiting issue.

Life is a Beach!
SINGLE LINE KITE COMPETITIONS

A Defense for their Preservation and Promotion
by Kathy Horn

(Note: This article was written in response to Lee Toy's proposal in the Fall Issue. Perhaps "single-line" articles like this could be a regular feature and titled "One String World").

In my brief six years as a kitemaker/competitor, I've witnessed a remarkable metamorphosis in kite design and artistry! Whether the sails are painted, dyed, appliqued, pieced, or any combination thereof, the single-line kitemakers of today have taken their craft to new heights — their designs could be on an art museum wall, as well as hanging in the sky!

COMPETITIONS

The kitemaker and his kite have been with us for over twenty five centuries. No doubt competition played a significant part over much of this time. Competition encourages us to strive for greater standards of excellence.

Let's focus on single-line competitions as a primary showcase and source of acknowledgement for the kitemaker. These competitions attract the best, and the entries reflect a standard of excellence achieved only through weeks and months of careful design and preparation.

Single-line comprehensives provide a receptive professional forum for the introduction of new or newly combined kite forms. Complex boxes, starboxes, delta derivatives, and yet unnamed kite structures are being introduced to the skies with ever growing enthusiasm! Continued development of lighter/stronger materials has contributed greatly to new prototypes. How many new kite structures will take their place alongside kite classics?

The rewards and benefits of competition go well beyond winning, such as the bringing together of so many talented kitemakers in one place at one time. For participants and spectators alike, it is a chance to share and learn, to be delighted and inspired! Are the single-line competitions a significant part of the kiting scene? Indeed, they're at the very heart of what I like to think of as a kiting renaissance!

CATEGORIES

Many kitemakers have been working to establish a set of guidelines for the organization and judging of single-line events. Such criteria helps to eliminate much confusion, and sets standards that are understood by all competitors. To this end, they are invaluable, however, they are not gospel and should be subject to revision from time to time.

For some years now, the most widely accepted categories for major competitions have been: Flat & Bowed, Delta/Delta Derivative, Box & Cellular, Soft/Semi-rigid, Trains & Centipedes, Figure & Novelty, and (recently) Fighter Kites. Peoples' Choice for Best of Show sometimes rounds out the roster.

Lately, there has been an outcry from growing numbers of kitemakers who see the large "showy" kites dominating the winners' circles to the exclusion of smaller kites. I have long been bothered by the all-too-broad, catch-all category of Flat & Bowed. In an attempt to open up at least one category which is more favorable to the smaller kites, and, owing to their popularity, large size, and proclivity for "showy" presentation, I propose that Rokkakus be removed from the Flat and Bowed category and given their own, much as has been done with fighter kites.

I further propose a category for "miniature" (definition to be established) kites. Certainly, tiny kites require special handling and judging criteria, and they are among the most fascinating and sought-after kites today! Their makers, few in numbers, but long on talent, deserve our recognition.

(continued on page 6)
Single Line Defense

(continued from page 5)

Finally, I propose a special category for children, with award ribbons for all children entering with their own hand-crafted kites. Encouraging our future kitemakers to explore the art and science of kite design and flight should be a high priority at kite festivals.

JUDGES AND SCORING

It goes without saying that the best judges for single-line comprehensives are kitemakers. However, most of us would rather compete (or fly) than judge. So, we owe our judges a debt of gratitude for their willingness to carry out a vital, but thankless job. Still, every effort should be taken to match the judges to their task.

In the case of scores, the judges’ decision should be final. Additionally, I propose that the final tallies of all competitors should be posted prominently and include only the totals, not the scores of each individual judge.

SPECTATORS WELCOME

Once a kite competition has satisfied the needs of its competitors, the spectators are the next most important consideration. Important to the playing of any stage event, the spectators of kite competitions have been much overlooked and underutilized.

In the past, the AKA has actually banned the general public from its convention flying fields! The reason for this lies in the muddle of legitimate concerns ranging from the use of private grounds for private use, to security, liability, expense of accommodation, legal considerations and more. Kites in the sky are magic, and spectators will always find a way onto the flying grounds whether they are invited or not! They should be welcomed and made to feel a very important part of our events! They bring with them enthusiasm and take with them a heightened appreciation for the wonder of kites! The AKA leadership, to its credit (and everyone’s benefit) has vowed to take up the challenge and, open up the convention fields to the public.

Single-liners ought to take their cue from the dual-liners and make a good P.A. system a MUST for all major competitions; it’s essential to the public’s understanding of what they are witnessing. It gives everyone, competitors included, the background information to more fully appreciate the kites and kitemakers involved in the competition. The kitemakers themselves can provide the best, most complete information about their kites when they register a ready-made script for the announcer! Also, background music can provide yet another dimension to single-line activities for all.

Still more participant/spectator appeal is possible through the scheduling of specialty exhibitions. Such attention grabbers as kite trains, giant and tiny kites, Rokkaku challenges, etc., could be given the appropriate P.A. hype.

Finally, a scheduled mass ascension, perhaps midway through the competition, is a crowd — WOWer unrivaled! Just watch the mouths drop and the cameras pop!

KITE MEDIA

What the video camera is to dual-line, the print camera is to single-line events! Slides or prints, purposefully shot during the competition, immediately thereafter, or during the awards ceremony ensures a nice selection of prints for a multitude of uses, including but not limited to, use by the kite media.

Not everyone can attend every major event; we depend upon our kiting periodicals, from club newsletters to big-time magazines, to inform us about what is upcoming, and what has passed — including complete photos and data about the winners. Unfortunately, many of the kiting periodicals have let us down! When asked to give more complete coverage of major single-line events, the response, if it any, often implied that single-line events are somehow less significant than other events.

On behalf of myself and my single-line peers, I implore the kiting media to rethink their attitudes toward single-line kites and our major events. As a vital part of the total kite picture, we merit the same consideration given our dual-line friends. We admire their talent and professionalism, and wish to take nothing away from their momentum, on the field or in the press.

We do, however, ask the media to give us the same opportunity and space to showcase single-line talents and events! We approach our kitemaking and flying with purpose and professionalism. Our kites possess artistic and technical merit that we are proud of. The medias' more full and sincere acknowledgement of our contribution to, and achievements in the world of kiting would establish the single-liners as the artists and kite ambassadors they are!

Single-line events are here to stay! It is up to all of us to make them the best they can be — just like our kites...

Single or dual, we are all part of an explosive kite renaissance! To bring the single-line players out of the wings and into the spotlight, alongside our dual-line brothers and sisters is to take the entire kite family one giant step forward.
Would you like to try something different in kites? How about a kite that changes its sail design in flight?

A kite goes up with painted flowers showing on its tyvek sail. The kite flies nice and stable until you suddenly release some slack in the flying line. The kite starts to drop, and it makes a "U"-turn, so what was at the bottom is now on top. The kite is now stable in this new position, but it now shows cupid shooting an arrow into two hearts. While the kite was dropping, the sail design changed-the way the wind blows the pages of an open book exposing new pages. — only in this case, a tyvek flap pivots about a horizontal axis and a new sail design is exposed. Figure 1.

The trick to making the kite stable with either end up is in the bridling. A plastic ring attached to the flying-line is able to slide along a dowel in the center of the bridle lines. The kite will automatically assume the attitude which puts the end of the kite up that has the ring on its end of the dowel. When you suddenly release slack in the flying line, the plastic ring is free to drop down the dowel (which is also free to fall). When tension is restored in the flying-line, the kite will continue going down, make a "U"-turn, and then climb back up. If the ring didn’t drop, the kite will go back up when line tension is restored. You can then try to do it again.

The Japanese kite book, Magic Kites, Cubic Kites by Takaju Kuroda published in 1980 shows how kites can be bridled to permit them to fly stably, with either of two sides up. It also shows how extra panels can be added to the faces of box kites so the design would change when the box kites inverted. The kites in the book were small by usual American standards (not mine), most being approximately two feet tall. Bamboo is usually used for the spars and the sails are most probably tissue (as I said, this is a Japanese book and all I understand are the diagrams, pictures and numbers). It would seem that by keeping the kites small and light, they are more easily able to go through the inverting maneuver and be stable.

Our flip-flop kite is made bigger, 36 inches, so it would have a better chance of competing against larger kites. White tyvek is used for the sail material because it is nearly opaque, so a design on one side could not readily be seen through from the other side. It is a very strong material, easily glued to itself with R/C-56, or various tacky white craft glues. It can be colored with permanent ink marking pens or acrylic paints. I chose the acrylic paints since it doesn’t bleed through and the colors stay brighter longer when exposed to sunlight. The three spars are 3/16 inch dowels, but the two horizontal spars are tapered to 1/8 inch diameter at their tips. The taper was sanded into the spars for two reasons: first to make the tips more flexible, and second, to save a little bit of weight. Tapered spars will bow more in windy conditions and reduce the line tension, lessening the chance of spars breaking.

Kite Construction

The basic information is given in Figure 2 on page 8. The six corners of the kite are reinforced in the back with pieces of card stock. First a large piece (6") is glued down to the tyvek sail and then a smaller...
(continued from page 7)

piece (4") is put on it to help spread the loads at the corners to minimize the wrinkles in the tyvek when it's under tension.

6-tyvek tubes and 6-tyvek end caps are required to hold the three spars in place. The tubes are formed by spreading a thin layer of glue on a piece of tyvek 3" x 3". Then roll it around a 3/16" dowel that has a couple of layers of wax paper around it. Heat seal the wax paper to itself by passing the barrel of a low wattage soldering iron across it. After the glue has set, slip the tyvek off the dowel and wax paper. Cut the tubes to 1" lengths, and end caps to 1/2" lengths. Wood plugs should be glued in one end of the caps so the spars will stay in place. The caps are glued to the card stock in the corners with epoxy cement. Then fold and glue the flap with a used-up ball point pen to give a sharper crease.

The tyvek tubes are held in place on the back of the kite by several strips of tyvek glued to the sail as shown in Figure 3. The bridle lines are tied to the 7/8" long - 3/16" dowel after the 1/4" diameter plastic tubing is glued to the dowel, as shown in Figure 4 on page 13.

Be sure you put the ring on the dowel before both plastic tubes are glued in place. Mark the bridle line at 23-1/4" from the dowel. Then using a large needle, pass the bridle lines through the sail and twice around the tyvek tubes and out again to the front of the sail. The mark on the bridle line should be at the face of the sail. Then the bridle line should be securely tied, with a drop of glue on
CALENDAR OF KITE EVENTS

March

10- **Hawaii Challenge Stunt Kite**
   - Location: Honolulu, Hawaii
   - Date: March 10
   - Contact: Robert Loera
   - Phone: (808) 922-KITE

11- **Competition Honolulu, Hawaii**
   - Date: March 11

12- **6th Annual Kitemaker's Conference**
   - Date: March 12
   - Location: Ft. Worden, Washington
   - Contact: Lyle Morgan
   - Phone: (206) 441-4012

12- **61st Annual Zilker Park Festival**
   - Date: March 12
   - Location: Austin, TX
   - Contact: Park & Rec.
   - Phone: (512) 477-5041

10- **Kite Retreat**
   - Date: March 10
   - Location: Loredo Taft Field Campus of Northern Illinois University Orgeon, Ill.
   - Cost: $45.00 Reservations must be made by Feb. 1 — Send to Charlie Sticht
   - Phone: (312) 735-1535

18- **Family Fun Fly Spiro Mounds State Park**
   - Date: March 18
   - Location: Spiro, Oklahoma
   - Contact: Dennis Peterson
   - Phone: (918) 962-2062

19- **Waco Wind Festival**
   - Date: March 19
   - Location: Waco, Texas
   - Contact: Larry Bush
   - Phone: (817) 776-2640

18- **Spring Fest Kite Fly**
   - Date: March 18
   - Location: Single & dual line stunt competition
   - Contact: Terry or Linda Crumpler
   - Phone: (409) 265-0666

18- **Denton Texas Kite Contest**
   - Date: March 18
   - Location: Kite Works
   - Contact: Molly Leatherwood
   - Phone: (817) 387-8895

18- **2nd Annual Reno International Kite Festival**
   - Date: March 18
   - Location: Reno, Nevada
   - Competition: $1000 prize
   - Contact: 702-827-7636

18- **St. Patrick's Day Cook Out & Kite Fly**
   - Date: March 18
   - Sponsorship: Something in the Air Kites
   - Contact: Dan Loughlin
   - Phone: (603) 926-4085

March

18- **Smithsonian Kite Fly**
   - Date: March 18
   - Location: The Mall, Washington, D.C.
   - Contact: Margo Brown
   - Phone: (703) 893-3886

19- **Colorado SkyMasters Monthly Kite Fly**
   - Date: March 19
   - Location: Utah Park, Peoria and Mexico, Aurora, Co.
   - All welcome, Contact: Scott Skinner
   - Phone: (303) 481-4260

24- **Good Friday Kite Fly**
   - Date: March 24
   - Location: Cape Henlopen State Park, Lewes, DE
   - Contact: Chamber of Commerce
   - Phone: (302) 645-8073

25- **Parks Department Fly**
   - Date: March 25
   - Location: Cushing, Oklahoma
   - Contact: Ruth Ann Johnson
   - Phone: (918) 226-2448

25- **Hit the Beach Kite Fly**
   - Date: March 25
   - Location: The Beach at Rehoboth Ave.
   - Contact: Barb at The Kite Shop
   - Phone: (302) 227-1616

25- **Westport Kite Group Fun Fly & Potluck**
   - Date: March 25
   - Location: All day at Twin Harbors State Park, WA
   - 6 pm potluck at Kila-Hana Clubhouse
   - Contact: Chuck Reese
   - Phone: (206) 875-6385

25- **Dash for Cash Easter Regatta**
   - Date: March 25
   - Location: Roanoke Sound, North Carolina
   - Contact: Kitty Hawk Sports
   - Phone: (919) 441-4124

26- **Open Kite Fly**
   - Date: March 26
   - Location: Amazon Park, Eugene, OR
   - Sponsored by Kites & Other Delights
   - Phone: (503) 344-Kite

29- **Regional Science Fair**
   - Date: March 29
   - Location: Alamons, Colorado
   - Lecture and work shops led by Scott Skinner
   - Phone: (719) 481-4260
CALENDAR OF KITE EVENTS

April

1  Deadline for Kiting—May Issue

8-  Pioneer Museum
   May 14 - Colorado Springs, Colorado
   Kite display from all over the world.

8-  Welcome Spring Kite Festival
   master class. Contact: Ocean Shores Kites (206) 289-4103

8-  Third Annual Texas Gulf Coast
   Stunt Kite Challenge
   Hosted by Surfside Flyers Club
   Junior, Novice & Open Class Events
   Contact: Terry or Linda Crumpler
   Box 515 Clute, TX 77531 (409) 265-0868

15  3rd Annual Kauai Kite Festival
    Kauai, Hawaii. Contact: High As A Kite
    (808) 822-9033 or 924-2775

15  3rd Annual Philadelphia Kite Festival
    Belmont Plateau in Fairmount Park
    Philadelphia, PA. Children's workshop,
    Novice competition. Rain date-April 16.
    Contact: Sky Festivals (215) 736-8253

15  Sandy Point Kite Fly
    Sandy Point State Park/Annapolis, MD
    Contact: Ken Wright (301) 268-6065

16  13th Annual KMOD Kite Fly
    Tulsa, Oklahoma Carl Smith Park
    Contact: Richard Dermer (405) 372-6127

22  Westport Kite Group Fun Fly & Potluck
    All day at Twin Harbors State Park, WA
    6 pm potluck at Kila-Hana Clubhouse
    Contact: Chuck Reese (206) 875-6385 pm

22  Franklin College Kite Carnival
    Franklin, Indiana. 11 am -3 pm
    Contact: Andrielle Metzel

April

22-  Belmont Park National Stunt Kite
23  Championship, San Diego, CA
    Contact: Ron or Alice Romero at
    Rome Enterprises (415) 866-8173

29  Gunpowder Falls State Park
    North of Baltimore, Md
    Contact: Mel Govig (301) 484-6287

29-  Kitefest
    30  Kalamazoo County's River Oaks Park
    Kalamazoo, Michigan Dual Competition,
    Fighter Tag, Blind Man Fly. Contact:
    Kalamazoo County Parks (616) 383-8778

29-  Kiana Vineyards Winery Barrel Tasting
29-  & Kite Fly
    Kiona, Washington. Contact: Larry &
    Marleen Zilar (509) 566-2664

28-  2nd Annual Surfsand Wayfarer Puffin
29  Kite Festival
    30  Cannon Beach, Oregon
    Contact: Associated Oregon Kiters
    (503) 436-2274

DID YOU HEAR
PRESIDENT BUSH'S
INAUGURAL
SPEECH?

"Freedom is like a
beautiful kite that
can go higher and
higher with the
breeze."
May

Into the Wind Kite Festival
Boulder, Colorado. Date to be announced.

6- First Annual Winslow Kite Festival
7 Winslow, Arizona. Contact: Dominique Marquez (602) 289-2434

6- Four Winds Kite Festival
7 Kortright Centre, Downsview, Ontario Canada. Kite building, single line, kite hospital, stunt competition. Contact: Colleen Dupuis (416) 832-2289

6- Preston Wine Cellars Annual Kite Festival
7 Pasco, Washington. Contact: Larry & Marleen Zilar (509) 586-2664

12-15th Annual Walla Walla Balloon
13- Stampede & Kite Fly
14 Walla Walla, Washington High School Grounds. 7 am take off time. Pancake breakfast, craft show. Contact: Chamber of Commerce (509) 525-0850

12-17th Annual Hang Glider Spectacular

13- Great Lakes Stunt Kite Championship

13-6th Annual Spring Festival Kite Fly
14 Lincoln City, Oregon. Sponsored by Chamber of Commerce. (800) 452-2151 or (503) 994-3070.

14 Third Annual Kite Kaper
Northwood Institute Campus, Midland, Michigan. Contact: Joe Lughermo (517) 832-4377

May

14 Introduce Yourself & Family Day
McKinley Park near Lake Michigan, Milwaukee, Wisconsin. Sponsored by Kite Society of Wisconsin. Rain date-May 21

14 Windwagon Smith Kite Regatta & Stunt Kite Spectacular
Wichita, Kansas. Sponsored by Spangle’s Restaurant. A new event added to the Wichita River Festival.

27- First-Ever Cimarron Kite Fly
28 Sponsored by Chamber of Commerce in beautiful Cimarron, New Mexico. Contact: Ethel Ramsey (505) 376-2614

27- East Coast Stunt Kite Championships
29 Memorial Day Weekend
Wildwood, New Jersey
Contact: Fran Gramkowski (609) 429-6260

27- Memorial Weekend Kite Fly
28 Long Beach, Washington. Sponsored by Long Beach Kites. Contact: (206) 642-2202 (wkends), or 665-5744

28 Historical or Traditional Kite Fly
McKinley Park near Lake Michigan
Sponsored by Kite Society of Wisconsin. Rain date-June 4

DON'T FORGET
Send articles, calendar listings, pictures (black & white are best for printing!) by the 1st of the month!
To:
Patrice McFadden
75 Holly Park Circle
San Francisco, CA 94110
CALENDAR OF KITE EVENTS

**June**

1. **Deadline for Kiting—July Issue**
2. **2nd Annual Grand Haven State Park Kite Festival**
   Grand Haven, Michigan. Contact: Mackinaw Kite Co. (616) 846-7501
3. **5th Annual Triathlon of Windsports**
   Nags Head, North Carolina
   Activities: hang gliding, windsurfing & sailing events.
   Contact: Kitty Hawk Sports (919) 441-4124
4. **Chicago SkyLiners Annual "Sky Circus"**
   Arvey Field, Grant Park Chicago, Illinois
   Regional event, comprehensive competition.
   Rain date: June 11
   Contact: John Karel (312) 626-7648
5. **3rd Annual Red, White & Blue Fly**
   Agate Beach, Newport, Oregon
   Sponsored by Catch the Wind (503) 994-9500
6. **7th Annual Rogallo Kite Festival**
   Jockey's Ridge, North Carolina
   Stunt, homebuilt & kid's competition.
   Contact: Kitty Hawk Sports (919) 441-4124
7. **Stunt Kite Spectacular**
   McKinley Park near Lake Michigan Milwaukee, Michigan. Sponsored by Kite Society of Wisconsin.
   Rain date: June 18
8. **8th Annual Mackinaw City Kite Festival**
   Old Mackinaw City Airport, Michigan.
   Contact: Mackinaw Kite Co. (616) 846-7501
9. **17th Annual Fathers Day Kite Festival**
   Sponsored by The Monterey Vineyard
   San Francisco, California
   Contact: Kite Caravan (415) 652-4003

**July**

10. **Red White & Blue Patriotic Day**
    McKinley Park near Lake Michigan
    Milwaukee, Michigan. Sponsored by Kite Society of Wisconsin.
    Rain date: July 16
11. **Eleventh Annual Wright Kite Festival**
    Sponsored by Kite Kingdom/National Park Service, Kill Devil Hills, NC.
    Contact: Mary Ames (919) 441-6235
12. **Nite Fly-Festa Italian (Dusk)**
    McKinley Park near Lake Michigan
    Milwaukee, Michigan. Sponsored by Kite Society of Wisconsin.
13. **Winchester Bay Fleet Day's Kite Fly**
    Reedsport, OR. Sponsored by Lower Umpqua Chamber of Commerce. Contact: Leonard & Ruth Hogg (503) 271-3931
14. **Single Line Kites & Wind Sock Day**
    McKinley Park near Lake Michigan
    Milwaukee, WI. Sponsored by Kite Society of Wisconsin. Rain date: August 6

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THE JOURNAL OF THE AMERICAN KITEFLIERS ASSOCIATION
the knot and also on the line around the tube. Cut the flap to size, and then score the line along where the hinge is to be sewn to the sail. Twenty-pound braided line was used for the hinge that holds the flap on the sail. The 1/2" strip is folded and glued to the main part of the flap after the hinge is in place. The sail and flap can now be decorated. Contrasting designs seem to be an obvious choice for the kite sail pattern. A previous kite used a bird and egg, then hearts and flowers were my 1988 choice. Old and new, light and dark, square and round, day and night, cowboys and Indians or Clark Kent and Superman are a few ideas that come easily to mind. Do one side, sail and flap, and be sure they are dry before doing the other side. When the sail is completely dry, a vertical cut can be made down the center of the flap. This allows the flap to flip over more easily and to lay smoother when the kite is inverted.

**Flying the Kite**

Flying this kite so it will invert does take practice. First, make sure the kite can fly equally well with either end up. Get the kite to go up and come down as a normal single-line kite. Manually turn it over on the ground, to make sure it flies the same with either end on top. If it doesn’t, check the length of the bridle lines to make sure that they are all the same.

The kite should fly at a good angle on 80 to 100 feet of line. To get it to invert, the ring of the flying-line must go from ends a to b or b to a on the 3/16" bridle stick. This can usually be accomplished by the sudden release of slack in the flying-line. If, when you put the tension back on the line, it is diving, the ring moved and the kite will invert. If the kite is off to the side of the wind when you release the line tension, the kite will be diving at an angle to the ground and recover faster. As in most activities, your skills improve with practice, so fly often, in different winds, and you will get the feel of the line.

If you have any problems, you can write me at:

Charlie Sotich
3851 West 62nd Place
Chicago, IL 60629

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**FIGURE 4.** KITE WILL FLY WITH RING AT EITHER "A" OR "B" ON 3/16" DOWEL. LETTING THE RING GO FROM "A" TO "B" WILL CAUSE THE KITE TO INVERT SO END "B" WILL BECOME THE TOP. DURING THE INVERSION, FLAPS "X" AND "Y" WILL PIVOT EXPOSING THEIR REVERSE SIDES AND REVEAL WHAT THEY WERE COVERING ON THE MAIN SAIL.
TWO STRING WORLD

by Corey Jensen

The Information Source for Two-String Pilots ... and Prospective Pilots

It's cold now, but a new season is just around the corner. This year promises to be the most exciting yet — more events, more prize money, more ferocious competition, and bigger, more appreciative crowds.

Kicking off the year is Robert Loera's Hawaii Challenge (March 10-13). What a chance to prefly the site of this year's AKA Convention. Queen Kapiolani Park is a beautiful place to fly, although it's hard to find ugly places in Hawaii. Mike Kim (ass't. mngr. — Princess Kautilani Hotel, our Hdq. this Fall), and anxious to assist kiters during their stay. Mention you're with the AKA, and things will happen. Sheraton Travel Services: 1-800-634-4747.

The site of the '85 convention, Mariner's Point, San Diego, is next on the calendar (April 22-23). Called the Belmont Park National Stunt Kite Championship, it's being organized by Rome Enterprises, 129 Samoa Ct., San Ramon, CA 94583. Phone (415) 866-8173. Plan on having Open and Intermediate Divisions, with an Intermediate purse of $3,000. An AKA sanctioned event, with same-day registration available. Precision and Ballet classes with Open Division flyers as Intermediate Judges, promises a first-class event. Good Luck!

Wildwood's, 4th Annual East Coast Stunt Kite Championships is third on the list. Memorial Day weekend, May 27-29, and the boardwalk on the Jersey shore is the place to be. The premier event for stunter competition on the East Coast and Fran Gramkowski, the Chewning boys, and their excellent crew always outdo themselves This year should be no exception. Pre-registration required by May 1. Contact: Sky Festivals, 30 West End Ave., Haddonfield, NJ 08033. Phone (609) 429-6260. Videos from past year's competitions available too. The best the east shore has to offer. They take on all comers. Commercial plug over.

Also on tap for the spring is the Gulf Coast Challenge, on the beach at Galveston, TX. Contact Terry Crumpler at Wind Walker Kite Shop, 1144 E. Kyle Rd., P.O. Box 515, Clute, TX 77531, phone (409) 265-0868.

Coming June 23-25 to the PGA Sheraton Resort, Palm Beach Gardens, FL is the Second Annual National Kiteflying Festival — "An Air Affair". Sponsored by Peter Powell Kites and the PGA Sheraton Resort, the three day event includes single and dual-line events, $15,000 in cash and prizes, a kite auction, live bands, pool party, barbecue, and lots of media coverage. Big fun in the sun! Special kitefliers package: call PGA Sheraton Resort (407) 627-2000. Auction donations (to benefit Reach Out to Cancer Kids): contact Renee Busch (305) 565-4322.

Let's not forget the 17th Annual Fathers' Day Kite Festival sponsored by The Monterey Vineyard, On the Marina Green, San Francisco on Fathers' Day (hence the name). Contact Kitemakers Kite Caravan at (415) 652-4003 or 1-800-328-KITE.

.... And many more. They increase every time we turn around. We'll list more next issue. Keep sending in the advance notices of events in YOUR area, so we can keep updating.

Now on the stunter world — ITEM: The Top of the Line Team is going to a four flyer configuration for '89. The new flyer is... ta da... PAM KIRK. One of the most aggressive flyers on the tour, Pam will bring a dramatic element to this world champion team. Congratulations and good luck!

The other new development in stunt flying is the emergence of "kite-chi". Somewhat like "tai-chi" (where it derives it's name), and formalizing the isometric exercises available with stunters, "kite-chi" is catching on with young and old alike. Often "walkman" bedecked, "kite-chi" flyers can be seen spinning and dancing with their kites everywhere. "Kite-chi" takes the turns and spins from Mix McGraw, the gracefulness of Phil Castillo, Gary Count's flexibility, Dan Buxton's ability to "fly-the-moment", and provides a framework to combine the benefits of a sound aerobic workout with the higher brain functions associated with creative spontaneous activity. Try it ... you'll like it.

The AKA now has a complete set of Federal Aviation Regulations.
KITE CLOTH

by H.B. Alexander

Kitebuilders have some strange hang-ups.
Not only kites-that-won't-fly-but-were-too-prett­y-to-throw-­away-and-wound-up-as-wall-decor­ations. Real hang-ups of the set-in-concrete, welded-in-place, this-is-how-it's-done variety.

Some are grounded in understanding and principle and should be respected. Others are just plain silly. In this latter category is the belief that the same type of fabric (same cloth) should be used throughout the entire kite.

This may make sense to the large-scale commercial manufacturer who buys thousands of yards at a discount. The hobbyist, however, finds his discounts on the remnant table of the local piece-goods shop. He isn't stuck with 25,000 yards which is perfect for some models and absolutely the wrong thing for others. The commercial manufacturer has in mind that every seam adds to costs. The hobbyist is enjoying building a kite. He doesn't think of time as money.

The purveyors of kite-building supplies contribute to this general mind-set too. They advertise “kite cloth” — (usually .75 oz/yd² nylon ripstop with 1/4" web, medium polyurethane coated — fine stuff for some kites and parts of others.) Only a few such suppliers offer a variety of cloths. The vast majority offer “kite cloth” as if there were only one perfect cloth suitable for every part of every kite.

Nonsense! Kite cloth is the cloth you use in a kite.

Different parts of a kite do different things, and cloth suitable for one kite is often not for another. How many want a house with stainless steel wiring and wooden plumbing? It would work. Not very smart, though! Yet those who recoil from such an outlandish idea will unhesitatingly sew up a ripstop cover for a Woglom parakite and wonder why it doesn't perform well — after all, they covered it with KITE CLOTH!! (Woglom used cambric; the remarkable performance of his tailless Malay types is, in part, a result of the porosity of the cover.)

Let's take a look at a very simple kite, the delta. A delta is actually four triangles. There's a nose triangle, the front 1/4th of the kite. It generates about 50% of the total lift. Base-to-base with the nose triangle is the tail triangle with its apex at the trailing edge center-line. In flight, this triangle forms a flat V and to a great extent its function is to stabilize the kite in yaw. Then there are two wing triangles which mostly just flutter in the breeze, providing the drag to stabilize in pitch and roll. Obviously, this is an oversimplification — these functions of the parts are not mutually exclusive. They overlap somewhat — but less than you'd think.

So why use the same cloth for all the parts? What we want on the nose triangle is an airtight cover to make maximum use of the pressure which generates lift, and a slick cloth with the least possible drag. Nylon ripstop. Hot-air balloon cloth. Dacron sailcloth. Something airtight, light-weight, slick. On the tail triangle we still want air-tight covering to give us effective ruddering, but heavier compared to the nose triangle. This improves the location of the center of gravity and increases drag in this area improving stability. So if you had two small triangles of ripstop, one half-ounce and the other three-quarter ounce, you do not have two useless scraps: you have half of a fine delta. All you need is a couple of wing triangles.

These ought to be the same kind of cloth, cut from the same bolt if possible, for balance. Other than that, you have a wide choice (a bit of porosity is desirable). An
THE WELL-TRAVELED KITE

by Russ Erganbright

Not having done much traveling by air with my kites, I never gave it much thought on how to safely transport kites from point "A" to point "B." When the opportunity to travel from Denver to Santa Barbara recently came up, I was faced with a problem. I didn’t have a kite carrier that could withstand the riggers of commercial airline travel.

Faced with this problem, I sat down and made a list of just what the carriers would need to fill. It needed to be light and strong, without being soft-sided. Soft-sided kite bags, while great for travel by auto may not protect kites when shipped by air. It would have to be able to hold three stunt kites — with flying line, and field tool kit, and above all — it would need to be cost effective. I couldn’t afford to spend $200 on a custom built case.

The solution seemed easy — I would buy one of those hard plastic cases that fisherman use to transport rods. “Wrong.” The only cases I could find were too small and in the $50.00 range, which was far more than I could afford to spend.

As the old expression goes “If you want something done right then do it yourself.” So, that’s just what I did.

The fishing rod cases that would have fit the bill, if I could have found one, are made from a plastic product known as PVC. Home builders use the stuff to fill a whole host of plumbing needs from sprinkler systems to sewer lines. So where better to go than to a plumbing supply house.

Within an hour I had bought a ten ft. section of 4” sewer pipe, with all the needed PVC fitting included, to make a baggage handler proof kite case for the grand sum of less than $10.00.

To make the case, I cut the 10 ft. sewer pipe in half with a hack saw and used the special PVC glue to attach the end cap and a fitting with a screw cap. One note to the would be builder, PVC glue sets in less than 20 seconds, so once you have applied the glue and pushed on the fitting, there is no going back. However, my first case was 5 ft. long, which proved to be about 6” too long to fit in the back of my car. So with my saw in hand, I cut off the bottom 6” of the case and glued on a new end cap for the cost of 89 cents. The handle for the kite case was from an old belt attached to the case with elastic straps.

PARTS LIST
(1) 4” diameter PVC pipe, cut to length.
(1) 4” diameter PVC end cap.
(1) 4” diameter PVC threaded end connector with screw — in type cap.
(1) can of PVC glue. Use only the type designed for PVC pipes and follow instructions on the can to the letter as this stuff can be dangerous.

KITE CLOTH

(continued from page 15)

old pillow-case will do fine. Even very "stretchable" cloth like a pongee will be held in shape by the wing-spar on one side and the firm tail triangle on the other. If the cloth is too heavy it can be compensated for by scalloping the trailing edge or chopping off several inches of wing-tips, (which aren’t doing much of anything, anyhow). For the wing triangles the remnant table is the preferred source.

The three mixed colors and textures of the triangles can make a very attractive kite too.

Finally, there’s the fin; this functions primarily to distribute the stress of line tension evenly along the spine of the kite and provide a "rudder" to improve stability in yaw. Single triangular fin is inferior; rectangle or, even better, a tapered rectangle with a keel spar in the lower edge and a loop bridle is much superior. It allows for a light spine, or none at all, lowering the center of gravity. It puts the maximum "rudder" surface where it belongs, at the rear of the kite, and allows for a completely adjustable bridle point, allowing a much greater wind range.

Whatever type fin you use, the only real requirement is that it transfer the stress of the flying-line to the wing center-line without distorting. Ripstop will do, but the heavier weights, (three-quarter or one-ounce), are preferred. Sailcloth is excellent. Even a tight-woven broadcloth or percale is very good. Just so the cloth doesn’t stretch and isn’t too porous.

Another way to make a very effective delta wing is with strips of cloth. If they run horizontally — from wing tip to wing tip — start at the nose with the lightest, tightest, slickest cloth you have and take it half-way toward the trailing edge; then put in heavier weights and more open weaves progressively toward the rear.

A delta-conyne with ripstop wings should have something like a porous cotton-poly center (if not too close woven you won’t need a vent) and V’s of sailcloth or heavy-weight broadcloth.

There are as many other examples as there are kites. Many kinds of cloth are excellent “kite cloth” — if put in the right place. Think about it, before building your next kite.
REGIONAL REPORTS

Region 8
Arizona, Colorado, Idaho,
Montana, N. Dakota, Nebraska,
N. Mexico, Nevada, S. Dakota,
Utah, Wyoming
Scott Skinner, Representative

There are some upcoming events in the Mountain Region that kitefliers should note. Lee Toy is again helping to organize the Reno Kite Festival, scheduled for the second weekend in March. I'm sure this will be another success. If you can help Lee in any way, I'm sure he'd be appreciative.

The Chamber of Commerce of Winslow, Arizona is planning a kite festival for the first weekend in May. This is a chance for Arizonans to help stage what could be a first-class event. The Chamber will be glad to accept any volunteer help, but most important is a good turnout of kitefliers at the event.

In Colorado, yours truly will be lecturing and leading workshops at the Regional Science Fair in Alamosa, March 29 to April 1. There will probably be a free fly on the first. In Colorado Springs, the Pioneer's Museum will have a kite display from the 8th of April through May 14. Kites from all over the world will be displayed including a 300 foot "Water Margin" kite from Weifeng, China.

A first-ever kite fly will be held in Cimarron, New Mexico, sponsored by the Chamber of Commerce, on May 27 and 28 (Memorial Day Weekend). For those of you looking for a relaxing, scenic area to fly kites, this should be the place! Contests will be primarily geared to the youngsters, so us older types can fly for pleasure and fun. It would be nice to see some of you Region 9 folks from Texas and Oklahoma come up to the mountains of New Mexico for a change of pace. For more information about lodging, etc., contact the Cimarron Chamber of Commerce, P.O. Box 116, 87714.

I hope AKA members from Region 8 can attend these events. If members know of other upcoming events please write to me at: 19630 Blue Clover Lane, Monument, CO 80132, (719) 481-4260.

Region 10
Alaska, Oregon, Washington
Rick Talbott, Representative

Greetings from Region 10 (also known as the Great Pacific Northwest Flyers' Heaven!)

This is the time of year when clubs, cities and chambers of commerce start planning the kiting festivities that we all look forward to and enjoy. Maybe you are not aware of us here in the Great Northwest, but we host some of the nation's best flying experiences, accent by beautiful scenery and warm friendly people.

The region boasts a number of active kite clubs — the largest of which is the WKA (Washington Kite Association) with a membership of over 400, and a new president — congratulations to Darryl Stephison and his fellow officers! The Associated Oregon Kiters (AOK) re-elected David Gomberg as their fearless leader — this club has reached the 200 membership mark and continues to grow. The BCKA (British Columbia Kite Association) has been active for a number of years. The Ben Franklin Kite Society — although not large in membership — is very actively represented by Larry & Marlene Zilar (alias Ben Franklin & Betsy Ross) and their cohorts. Some more recently formed kite groups include Squalicum Flyers, Yakima Valley Flyers and the newly formed Westport Windriders (all of Washington). The KGB (Kite Group of Boise) has also been spotted sneaking across the Idaho border to participate in our activities.

These clubs, along with city merchants and chambers, will be hosting close to 100 kiting activities this year, including flies, demonstrations and classes. One of the first activities this Spring will be the nationally recognized Ft. Worden Kitemakers Conference, held in historic Port Townsend, WA, on March 3, 4 & 5. The 3 day conference is crammed full of workshops, seminars and classes on all aspects of making and flying kites, combined with time for fun, food and fellowship. It's great way to start off the 1989 kite season.

Looking ahead a little bit, this year's AKA Convention will be held in Hawaii on Oct. 4-8. On the weekend before (Sept. 29, 30 and Oct. 1), Lincoln City, OR will be hosting its 11th Annual International Kite Festival. Just in time for you to stop over on your way to the Convention. AOK and the Lincoln City Chamber of Commerce invite you to make plans to include this festival in your itinerary. Special transportation and lodging rates are available for Lincoln City and Hawaii, from Oregon. For more information, contact David Gomberg at Lincoln City Chamber of Commerce, P.O. Box 787, Lincoln City, OR 97367.
Dear AKA:

I may be able to help you out concerning the letter from Kenneth D. Mace that appeared in the Fall 1988 issue of Kiting. Kenneth wrote to me some time ago, and sent a photo of the Kite Tales cover depicting a doctor doing surgery on a box kite. There is a story connected with that cover which perhaps you and the members would like to know!

At one time during the earlier days of publication (1972), I was impressed by the number of doctors who had become AKA members (actually about 10% of the membership at that time). I decided to do a cover for that group. The drawing was done at my request, for a price of $20 by Howard Silvius of Silver City, a clever cartoonist who worked as an advertising layout man on our local daily newspaper.

While still working on the newspaper, Howard died suddenly at his home in Silver City. He was ever aware of the widespread viewing his drawing had. Kite Tales had a subscription circulation of about 2,000 at the time and a readership of possible 10,000 with all concerned.

Part of my purpose in writing this is to see that Howard’s wife, Pegge Silvius knows about this recalling of Howard’s contribution to kiting.

Regarding the letter Kenneth Mace wrote, Kite Tales was not copyrighted. Titles are not trademarks (like those applied to products or systems) and cannot be copyrighted. Only the contents of Kite Tales was copyrighted! I have no objection to its being used, if it serves the cause of kiting. I would not approve, however, of the title suggested by Kenneth since the AKA is not wholly an American association, but has members in many other countries.

My best wishes,
Bob Ingraham

Dear AKA:

Thank you for the photo of my paper kite “Two Headed Fat Boy” pg. 18 Fall Issue. The AKA Windy City ’88 was great! I have about 300 kites I’ve made in the last few years. I make hand drawn, dyed, tyvek and ripstop kites of all sorts! The largest part of the collection consist of paper diamonds and 50 or so from David Pelham’s Kites. The classic old kites are hard to improve on, but I try. For two months I have been making stunts. Most are tyvek made from scratch from photographs and fly very well. The 20 stunts made thus far have required a lot of experimenting. Does anyone have design information on stunts? There must be something written somewhere.

Thanks,
Bob Langenberg
Litewinds Kites
6939 Watermann
St. Louis, MO 63130

Dear AKA:

I’ve spent the last 15 years kiteflying from the peaks and the valleys of the Colorado Rocky Mountains. I would like to correspond with the members of the AKA about kitemaking and their flying experiences. Kiteflying is a true sport of brotherhood, so lets all share in this spirit.

Please write to me about your experiences.

Russ Erganbright
P.O. Box 3286
Littleton, CO 80161

Ed. Note: Regarding last months letter from Joel Scholz on spectators at the convention: we received a note from Pat Daly, former chairperson of the AKA bylaw committee, correctly pointing out that the quote referred to in Scholz’s letter was not from the AKA bylaws, but was from the AKA Memorandum of Understanding, which is the contract between the AKA and the Host Club.
<table>
<thead>
<tr>
<th>Merchant Name</th>
<th>Address</th>
<th>Phone</th>
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<tbody>
<tr>
<td>Action Kites</td>
<td>6284 Via Regla San Diego, CA 92122</td>
<td>619/453-8795</td>
</tr>
<tr>
<td>Seaport Kite Shop</td>
<td>839-D W. Harbor Drive San Diego, CA 92101</td>
<td>619/232-2288</td>
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<tr>
<td>The Kitemakers / Skyworld</td>
<td>Pier Space B-12 San Francisco, CA 94108</td>
<td>415/362-3760</td>
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<tr>
<td>&amp; Play/Kites &amp; Delights</td>
<td>2801 Leavenworth Street San Francisco, CA 94133</td>
<td>415/775-5483</td>
</tr>
<tr>
<td>Rome Enterprises</td>
<td>129 Samos Court San Ramon, CA 94583</td>
<td>415/866-8173</td>
</tr>
<tr>
<td>The Crossing</td>
<td>25373 Sheephead Blvd. P.O. Box 248</td>
<td>707/865-2928</td>
</tr>
<tr>
<td>Carey's Kite Winder</td>
<td>7671 North Avenue Lemon Grove, CA 92045</td>
<td>619/697-2405</td>
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<tr>
<td>Harbor Kites</td>
<td>1415 Highway 1 Bodega Bay, CA 94923</td>
<td>707/875-5777</td>
</tr>
<tr>
<td>Kites 'N' Things</td>
<td>5500 Grossmont Center Dr La Mesa, CA 92042</td>
<td>619/698-6358</td>
</tr>
<tr>
<td>Wandering Wind Things</td>
<td>4052 Kenwood Drive Spring Valley, CA 92077</td>
<td>619/469-4805</td>
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<td>Let's Fly a Kite</td>
<td>13755 Pji Way Marina del Rey, CA 90292</td>
<td>213/822-2561</td>
</tr>
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<td>Balloon Factory &amp; Kites</td>
<td>891 Ashiya Road Montebello, CA 906402563</td>
<td>213/722-5206</td>
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<tr>
<td>Colors of the Wind</td>
<td>2900 Main Street Santa Monica, CA 90405</td>
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</tr>
<tr>
<td>Tim's Toys</td>
<td>9647 Stockton Boulevard Elk Grove, CA 95624</td>
<td>916/886-6616</td>
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<tr>
<td>Windborne Kites</td>
<td>585 Cannery Row Monterey, CA 93940</td>
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<td>Top of the Line Kites</td>
<td>4966 Santa Monica Avenue San Diego, CA 92107</td>
<td>619/224-8505</td>
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<td>Victoria Kite Store</td>
<td>105-560 Johnson Street Victoria, BC V8W 3C6</td>
<td>604/381-3577</td>
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<td>Touch the Sky, Inc.</td>
<td>836 Yonge Street Toronto, Ontario Canada M4W 2H1</td>
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<tr>
<td>Gothic Designs</td>
<td>Boreal Kites RR 44 St. Thomas, ON N5P 3S8</td>
<td>519/775-2527</td>
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<tr>
<td>Hi Fly Kites</td>
<td>London Square 12101C East llll Aurora, CO 80014</td>
<td>303/755-6010</td>
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<tr>
<td>Into the Wind</td>
<td>1409 Pearl Street Boulder, CO 80302</td>
<td>303/449-5356</td>
</tr>
<tr>
<td>The Kite Store</td>
<td>1201-16th Street Denver, CO 80202</td>
<td>303/595-8800</td>
</tr>
<tr>
<td>Rocky Mountain Kite Co.</td>
<td>P.O. Box 3286 Littleton, CO 80161</td>
<td>303/798-9091</td>
</tr>
<tr>
<td>Wind Chime Kite Shop</td>
<td>RR1, Box 350 Junior Avenue Danielson, CT 06239</td>
<td>203/779-1102</td>
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<tr>
<td>Air Traffic</td>
<td>Atlantic Avenue P.O. Box 533 Bethany Beach, DE 19930</td>
<td>302/539-4511</td>
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<tr>
<td>The Kite Shop</td>
<td>Village by the Sea Rehoboth Avenue Rehoboth Beach, DE 19971</td>
<td>302/827-6889</td>
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<tr>
<td>The Kite Site</td>
<td>3101 M Street NW Washington, D.C. 20007</td>
<td>202/966-4230</td>
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<td>Cloud 9 Kites</td>
<td>Mayfair Court 1122 East Atlantic Avenue Delray Beach, FL 33444</td>
<td>305/272-5224</td>
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<tr>
<td>Kiteville USA</td>
<td>405 Gulf Boulevard Indiana Rocks Bch, FL 33534</td>
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<td>Kiteriggers</td>
<td>3105 Spring Park Road Jacksonville, FL 32207</td>
<td>904/399-7717</td>
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<td>Largo Cargo</td>
<td>103101 Overseas Highway Key Largo, FL 33307</td>
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<td>Blowin' in the Wind</td>
<td>5770 Spacecoast Parkway Kissimmee, FL 32741</td>
<td>305/396-6511</td>
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<tr>
<td>Uncle Sam's Flag &amp; Kite Shop</td>
<td>9842 S. U.S. Highway 1 The Village Green Port St. Lucie, FL 33452</td>
<td>305/353-1776</td>
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<tr>
<td>Toys Ahoy</td>
<td>28 Periwinkle Place Sanibel Island, FL 33957</td>
<td>813/472-4800</td>
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<td>Kite Fantasy</td>
<td>2863 Kalakaua Avenue Honolulu, HI 96815</td>
<td>808/732-5483</td>
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<tr>
<td>Lahaina Cannery</td>
<td>Lahaina Maui, HI 96761</td>
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<td>High Performance Kites</td>
<td>711 Keaaukomu Street Honolulu, HI 96814</td>
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<td>Air Traffic</td>
<td>Atlantic Avenue P.O. Box 533 Bethany Beach, DE 19930</td>
<td>302/539-4511</td>
</tr>
<tr>
<td>The Sky's the Limit</td>
<td>333 Main Street Lewiston, ME 04420</td>
<td>207/784-8922</td>
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<tr>
<td>Unique Place/ World of Kites</td>
<td>925 S. Washington Royal Oak MI 48067</td>
<td>313/398-5900</td>
</tr>
<tr>
<td>Alexander's Drugs</td>
<td>211 E. Main Street Pennville, MI 49408</td>
<td>616/561-4411</td>
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<tr>
<td>Saugatuck Drug Store</td>
<td>201 Butler Street, Box 188 Saugatuck, MI 49453-0180</td>
<td>616/857-2300</td>
</tr>
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<td>Soar-N-Dipity</td>
<td>Water Street Pavilion One Water Street Flint, MI 48502</td>
<td>313/234-8320</td>
</tr>
<tr>
<td>Kite Kraft</td>
<td>School Haus Square 245 S. Main Street Frankenmuth, MI 48734</td>
<td>517/652-2961</td>
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<tr>
<td>Toys Ahoy</td>
<td>249 Culver Street Saugatuck, MI 49453</td>
<td>517/957-2621</td>
</tr>
<tr>
<td>JT's Kites</td>
<td>12333 Sandy Bottom South Lyon, MI 48178</td>
<td>313/437-8843</td>
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<tr>
<td>Mackinaw Kite Co.</td>
<td>Chinook Pier 301 N. Harbor Grand Haven, MI 49417</td>
<td>616/846-7501</td>
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<tr>
<td>Just Paper Backs, Inc.</td>
<td>4500 Dixie Highway Drayton Plains, MI 48020</td>
<td>313/673-1859</td>
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<tr>
<td>Kite Site</td>
<td>12081 Flintwood St. NW Coon Rapids, MI 55433</td>
<td>612/757-0061</td>
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<tr>
<td>The Stuff Here is Terrific</td>
<td>1306 W. County Road F. Arden Hills, MI 44112</td>
<td>612/633-7472</td>
</tr>
<tr>
<td>Kitty Hawk Kites</td>
<td>P.O. Box 340 Naga Head, NC 27959</td>
<td>919/441-4124</td>
</tr>
<tr>
<td>Kite Kingdom</td>
<td>Sea Holly Square Beach Road (Mile 9) P.O. Box 1036 Kill Devil Hills, NC 27948</td>
<td>919/441-6235</td>
</tr>
<tr>
<td>Kites Unlimited</td>
<td>Atlantic Sun. Shopping Ctr. P.O. Box 2278 Atlantic Beach, NC 28512</td>
<td>919/247-7011</td>
</tr>
<tr>
<td>Kite Heights</td>
<td>401 Broadway Street P.O. Box 338 Medora, ND 58645</td>
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</tbody>
</table>
### AMERICAN KITEFLIERS ASSOCIATION MEMBER MERCHANTS (continued)

<table>
<thead>
<tr>
<th>Address</th>
<th>Phone</th>
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</thead>
</table>
| **Something in the Air**                                                 | 353 Ocean Boulevard
| Hammerly Beach, NH 03842                                                 | 603/926-4085 |
| **GGMVR Kites, Great Gorge’s Mountain Resort**                         | P.O. Box 637 Rt. 517
| McAlfe, NJ 07428                                                        | 201/827-6000 |
| **Sky High Kites**                                                      | 50 Pilman Avenue
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| **Air Circus Kite Shop**                                                | 1108 Boardwalk
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| **Colors of the Wind**                                                  | 321 W. San Francisco
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| **Big City Kite Company**                                               | 1201 Lexington Avenue
| New York, NY 10028                                                     | 212/472-2623 |
| **U.S. Kites**                                                          | 32 Hartwood Road
| Rochester, NY 14623                                                    | 716/354-3968 |
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| Hyde Park, NY 12538                                                    | 914/229-7038 |
| **Once Upon a Time Toys**                                               | 153 The Arcade
| 401 Euclid Avenue                                                      | 216/696-TOYS |
| **Heads Up Kites**                                                      | 325 Forest Street
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| **North Coast Kites**                                                   | 8417 Mentor Avenue
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| Dublin, OH 43017                                                       | 614/764-8697 |

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  - Lincoln City, OR 97367
  - 503/827-7878
  - Abbey Street Pier
  - Newport, OR 97356
  - 503/265-9500
  - 304 SE Highway 101
  - Depoe Bay, OR 97341
  - 503/765-2900
  - Agate Beach
  - Hwy. 101
  - Newport, OR 97365
  - 503/265-6928
  - 636 Hwy. 101
  - South Rockaway Bch, OR 97136
  - 1250 SW Bay
  - Florence, OR 97439
  - 503/997-9500
  - 1803 South Holladay
  - Seaside, OR 97138
  - 503/738-0309

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- 296 E. Fifth Street
- Fifth Street Market
- NBU 813
- Eugene, OR 97401
- 503/344-KITE

**Gale Gallery & Glasshau Potteries**
- P.O. Box 528
- Waldport, OR 97394
- 503/563-3620

**Cloudminders Kite Shoppe**
- 516 Washington Street
- Huntington, PA 16652
- 814/643-5121

**Let's Get High Kite Co.**
- 302 11/2 Market Street
- Apartment 5
- Clearfield, PA 16830
- 814/765-2301

**Grandmaster Kites**
- 222-3rd Street
- Millinville, PA 16830
- 717/959-3162

**Klassy Kites**
- King of Prussia Plaza
- King of Prussia, PA 19406
- 215/736-8253

**The Meadow Mouse Shop**
- 520 N. Pennsylvania Ave.
- Morrisville, PA 19067
- 215/736-8253

**Klig's Kites**
- 9th Avenue North
- Myrtle Beach Pavilion
- Myrtle Beach, SC 29577
- 803/626-9250

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- Ocean City, MD 21842
- 302/738-0309

**Kites aloft, Inc.**
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- 550 E. Grace St. A-208
- Richmond, VA 23219

**Krazy Kites**
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- Virginia Beach, VA 23451
- 804/428-0753

**Cloud Nine Kite Shop**
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- Ocean Shores, WA 98569
- 360/564-6986

**Suspected Elevations**
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- Seattle, WA 98103
- 206/633-4780

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**Great Winds Kite Shop**
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- Seattle, WA 98104
- 206/624-6886

**Kites Aloft**
- 8834 Colgate Drive West
- Tacoma, WA 98466
- 206/564-5593

**The Porthole**
- 600 South Pacific
- Long Beach, WA 98631
- 206/642-4937

**D&D Kite Company**
- 702 N. Fair Oaks
- Madison, WI 53714
- 608/249-0588

**Fish Creek Kite Company**
- 3853 Highway 42
- P.O. Box 391
- Fish Creek, WI 54212
- 414/868-3769

**Four Winds Kite Company**
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- Cedarburg, WI 53012
- 414/375-1226

**SkySails, Ltd.**
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- Algoma, WI 54201-1265
- 414/487-5755

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