

VOL. 2 NO. 4

WINTER 1990

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SKA

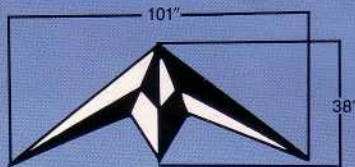
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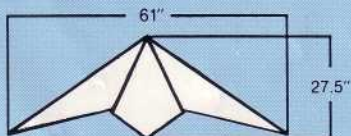
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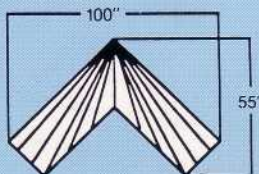
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The championship caliber FIRE DART offers precision flying, excellent handling, unique graphics and a wide wind range. It is one of the most competitive stunt kites on the market.



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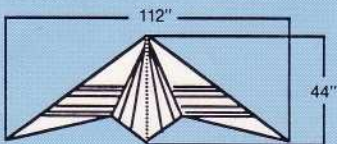


PHOENIX 20

Why mess with perfection? This mainstay of our company has been in production for years and is still going strong. The award-winning PHOENIX 20 is a real performer in light to moderate winds. Its large size and bold graphics are a sight to behold.

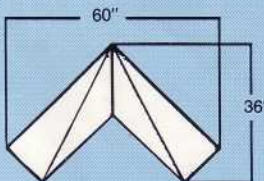
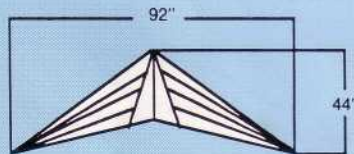
SUPER SKY DART

This redesign of our standard SKY DART is available in two stunning patterns. Outstanding mobility and fast, sharp turns make this kite an impressive and stylish flier.



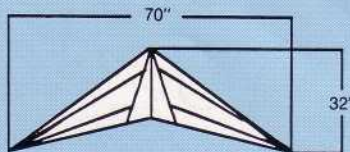
STAR DART

This kite promises viceless flying. The STAR DART is very sensitive and responsive, but also very forgiving. The STAR DART flies the way you want it to fly.



ACTION 8.2

The ACTION 8.2 — imitated but never duplicated. This littler brother of the PHOENIX 20 is popular for its high speed, tight turns and ease of flight. Easy assembly and small storage size make the 8.2 an ideal traveling companion.

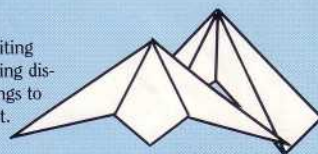


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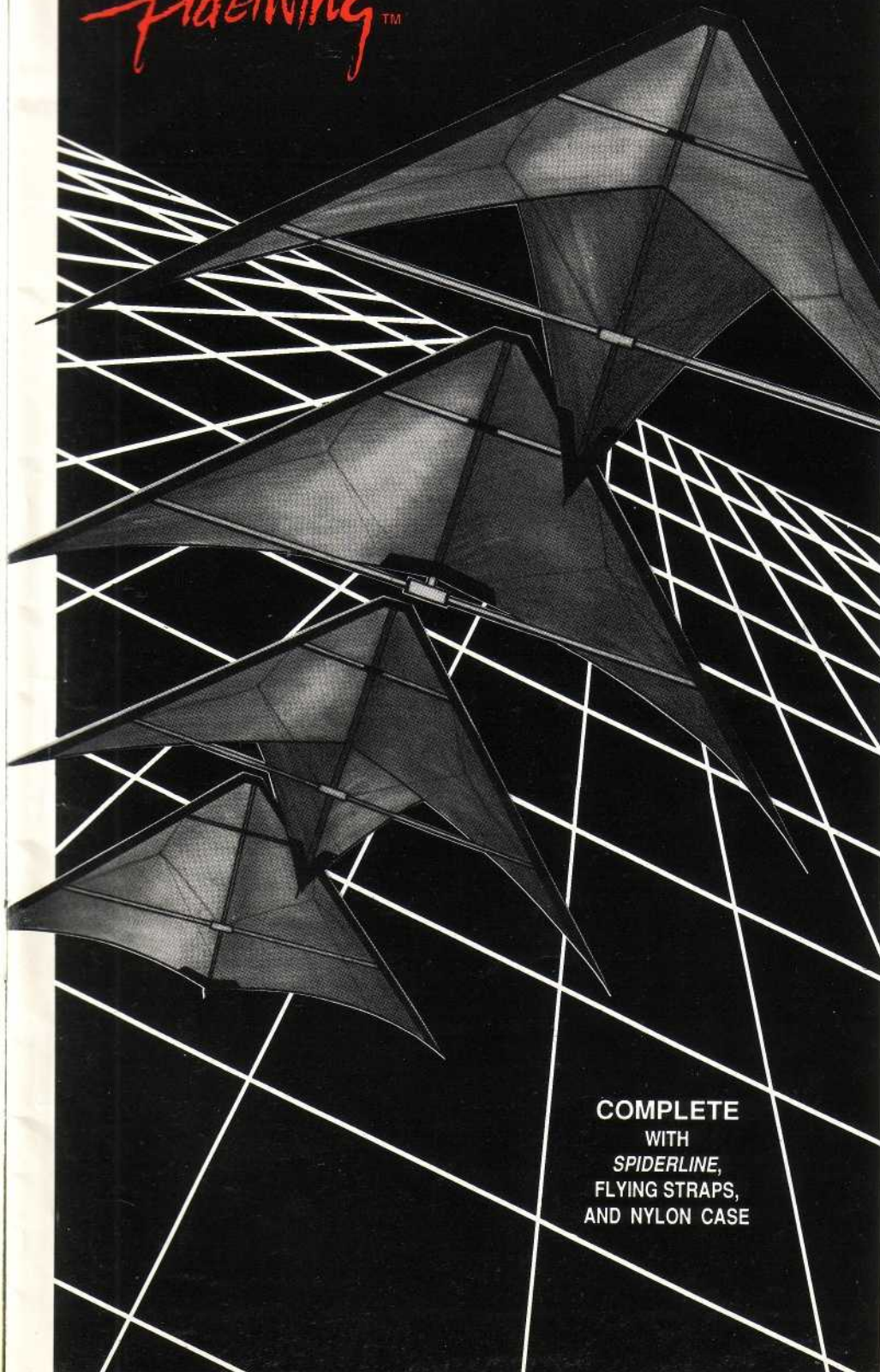


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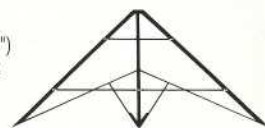
SPIDERWING I

Wingspan: 2 Meters (78")
Skill Level: Advanced
Wind Range: 1-7 mph



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Skill Level: Intermediate
Wind Range: 3-18 mph



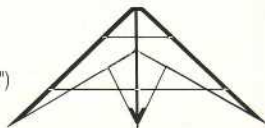
SPIDERWING III

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Wind Range: 5-22 mph



SPIDERWING IV

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Skill Level: Advanced
Wind Range: 6-26 mph



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ON THE COVER: Miguel Rodriguez in the Open Ballet Finals of the 13th Annual AKA Convention.

SKQ Photo by Susan Batdorff



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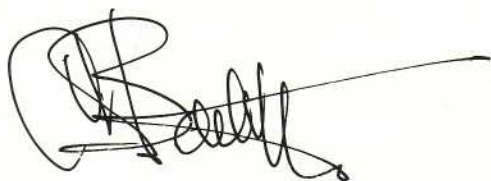
OPINION

Kiteflyers are a wonderfully strange group of people. It truly seems like only yesterday that we were asking a few close friends if they could make a few minutes in their busy AKA convention schedules to join us on the beach at Seaside for a small wedding. No big deal ... nothing fancy. I certainly never expected to wind up tongue-tied and holding up the start of the day's activities! Thanks to Richard Peck and Mike Simmons for organizing the grand backdrop of banners. Thanks to all of the folks who let us borrow them. Thanks to Steve Lamb for a great ceremony. And a special thanks to Dan and Lorna Buxton, who celebrated their own anniversary by flying for ours. Thanks, all, for giving us the best day of our lives.

And while on the subject of thanks, let me extend a special round to that crazy bunch that came up with the sterling bit of sculpture that graces the side of this column. There is nothing in this world that can compare to the worth of friendship. To all of you folks (you know who you are), all the best from a still speechless publisher.

Now, lest you think that all we are about here is bubbly sentiment (perish the thought!), a few words about some new things happening in the upcoming season. In what may prove to be the best move of the new year, we understand that several competitions plan to offer some sort of pairs event. Good news! It has seemed a difficult task at best to compare 2-person teams with those of three or more. It's never been a question of one being better than the other ... just decidedly different. We'll be willing to bet that pairs may just see more new entrants than any other category.

In the kudos department, hats off to the organizers of the East Coast Stunt Kite League. Having attended three of their events this year, we were impressed with both the effort and the result. A lot of folks will owe their introduction to the sport to this group. With their first year's activities now in the record books (final standings appear at the rear of this issue), this dynamic, multi-event structure could well provide the framework for similar efforts across the country.





The Stunters' News

EVENTS OF 1991 TO OFFER NEW COMPETITIONS

The event schedule for 1991 will offer competitors and spectators alike something new. Due to the terrific growth in the sport of stunt kite flying, several competitions will be adding to their previous schedules.

The first running of the Florida Stunt Kite Championships will feature a pairs ballet event. The February contest will mark only the second time that a pairs situation has been featured and its first exposure on a national level.

The eighth running of the Robert Loera Hawaii Challenge is entertaining the concept of a contest revolving around the use of stacked stunters. "It's been a long time since an event was won by someone flying stacks," according to organizer Loera. "We're thinking about an event that would showcase these beautiful kites ... probably a ballet event." The Challenge is slated for March 1-3,

at Honolulu's famed Kapiolani Park.

The fourth installment of the Reno International Kite Festival will see prize money offered to top finishers in the team ballet event. Cash awards are reported at \$1000 for first place, \$500 for second, and \$250 for third. Entries for the event will be limited to 15 teams.

The sixth running of the East Coast Stunt Kite Championships will feature a change of venue. This keynote East Coast event, held each year on the beach at Wildwood, New Jersey, will shift a couple of blocks south. Information about the new site as well as the new headquarters hotel is available from Sky Festivals at: 215-736-8253.

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OOPS!

The suggested retail price listed in the review of the Banshee Scimitar (Vol. 2, No. 3) is actually \$170, not \$136 as stated in the article. We regret any inconveniences caused by the error.

Rumors

Rumors of a large (7 foot+) stunter designed for team use by Frontier Kites, may become reality at the upcoming KTA Convention. The new kite will reportedly be called, the Excaliber.

A new 100" delta is reportedly in the works by the folks at Blowin' In The Wind. Our man in the field tells us that the new product, which is being referred to as the Falcon, is REALLY soundless in the air. Retails are expected in the \$160-\$175 range. We might just see this one at the upcoming KTA show.

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1990 WORLD CUP GAMES — SEASIDE, OREGON, October 7-9, 1990

By SKQ Associate Editor, Richard Peck

The World Cup Games ended at the awards banquet in a hail of marshmallows directed toward Dan Prentice. The good natured fun typified the spirit of the Games. Although all teams took their flying seriously, they also showed the spectators around the competition fields that kite flying was meant to be fun as well!

The six teams taking part in this first contest included Woodlands from Japan, the Blitz from England, the Vancouver High Flyers from Canada, and Chicago Fire, Prevailing Winds and Top of the Line representing the U.S.A.

Sunday's winds were light but flyable as these world class teams took the field. After a close Precision competition Top of the Line emerged as the winner barely squeaking by second place Prevailing Winds. Chicago Fire was in the hunt and captured third place, followed by the Blitz, Woodwinds, and the Vancouver High Flyers.

The Team Ballet competition ended with the top three teams being Prevailing Winds first, followed by Chicago Fire, and Top of the Line.

The International seven judge panel, headed by Robbi Sugarman, had their work cut out for them as they totaled the element scores for each event. After the element scores were complete the first ever World Cup team competition ended with the teams ranked in the following order.

First: Top of the Line, U.S.A.

Second: Prevailing Winds, U.S.A.

Third: Chicago Fire, U.S.A.

Fourth: Blitz, England

Fifth: Woodwinds, Japan

Sixth: Vancouver High Flyers, Canada

Monday's winds picked up for the games portion of the World Cup. Here the competition was open to any flyer. The Games consisted of Pylon Racing, H.O.R.S.E., Kite Combat, and the Double Godzilla Challenge.

In the Pylon Racing, conducted by Don Tabor, 15 flyers tried their hand at doing three passes back and forth over a set of pylons, with

a landing to complete the flight. Mike Sterling took top honors in this event.

Ron Reich led an enthusiastic group through a game of H.O.R.S.E. This game is basically a game of "anything you can do I can do better," with Ron giving the flyers the first maneuvers. The first was to turn your back on your kite and walk about 30 paces without having your kite turn more than 90 degrees. It was harder than it sounded with even Ron having trouble on the demo flight. In the second maneuver all the flyer had to do was fly a simple figure eight, with the handles in the wrong hands. Everyone was glad they weren't flying their own kite as most attempts resulted in hilarious crashes. Mike Sterling again showed his talent to win this event.

In Kite Combat the object was to remove your opponent's kite tail or force him/her to land. Yours

truly directed a hardy bunch of 37 fliers through 73 missions to see the Zephyrus flying team, with the help of the Blake brothers, Chris and Clint, turn out to be the team winner. The World Cup "Top Gun" title went to Chris Blake, with five individual kills (tails removed). The Dyna-Kites once again proved indestructible. Two sets left Seaside to do battle across the country. (The kites are available free of charge for kite festivals — call 413-283-2555 for details).

In the Double Godzilla Challenge, Sam Rouse scored the most hits to become the event winner.

In all, the spirit of competition combined with old fashioned kite flying fun made the World Cup Games something to look forward to. Bristol, England, will be the site of next year's games, and all agreed that winning an invitation to attend was a goal worth working for.

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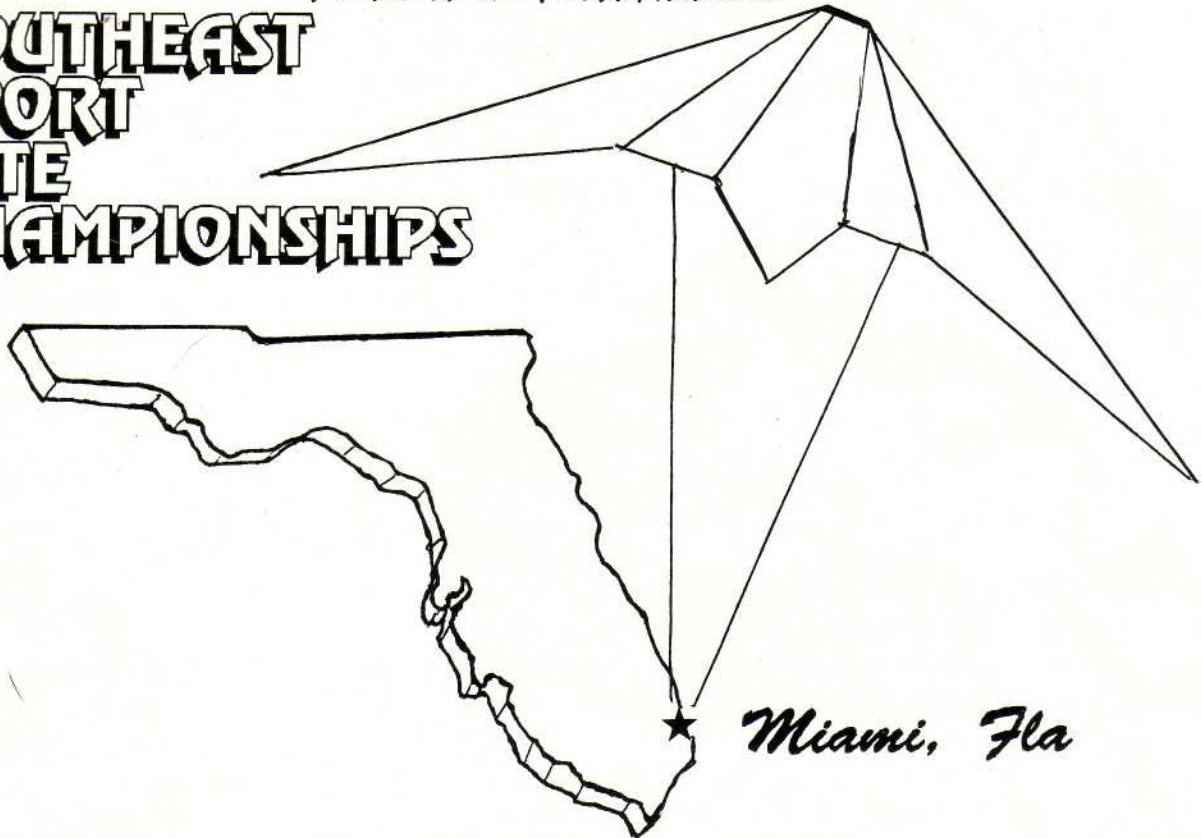
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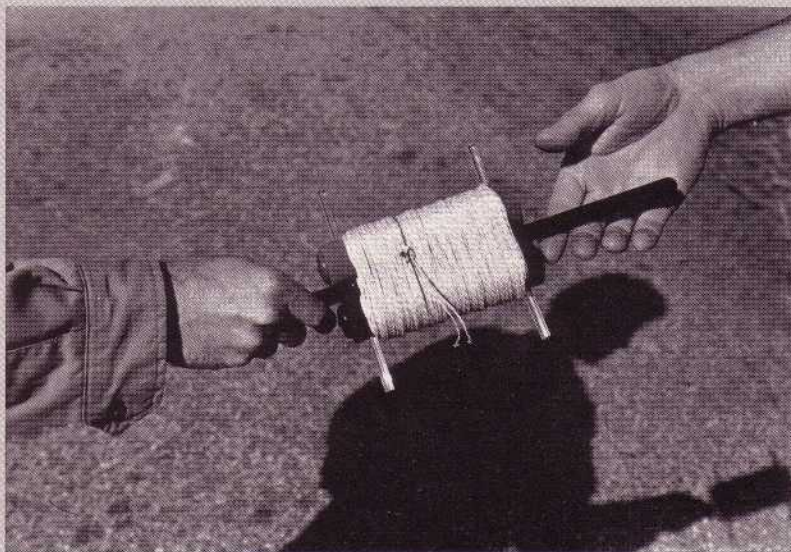
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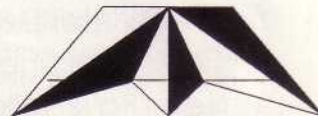
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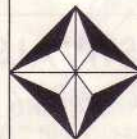
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Rumors

Skip Parkes of Banshee Kites has informed us that a 20-footer is in the offing as their entry into the world of Big Kites. When available, this new monster will qualify as the largest, commercially produced stunt kite available.

Action Kites plans to unveil a revised edition of their popular Star Dart at the upcoming KTA Convention in Dallas. Look for reviews in our next issue.

New for 1991 ... look for the release of a new first-quality, carbon/graphite shaft made expressly for the kite industry. The rods are expected to be 5.5mm O.D. and available in popular 32-inch lengths. Retail price: less than \$3.00 per stick.



TEXAS SKYRIDERS CELEBRATE 1ST ANNIVERSARY ... On June 24, 1990, the Texas Skyriders Kite Club celebrated its first birthday. The actual party was a non-fly event/swimming party attended by better than 25 of the club's members. According to Skyriders' president, Abel Ortega, total membership now stands at 75.

Photos by Jose Garcia

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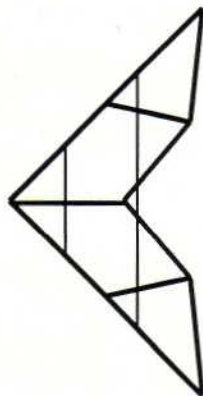
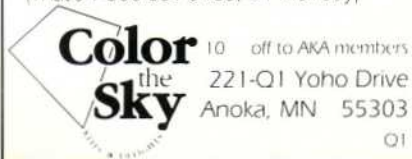
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Members of the West Michigan Kite Flyers Association successfully kept a stunt kite in the air for 26 hours, 15 minutes, and 33 seconds over the recently-past Labor Day weekend. In all, ten members took their turns at the controls of the specially prepared Fire Dart, which was donated for the effort by Action Kites.

The marathon fly took place at First Street Beach Park on the shores of Lake Michigan, in Manistee, MI. According to participants, the only rough spot in the flight occurred between 5:00 and 7:00 A.M. when the normally moderate lake breezes fell off to nothing and three intrepid club members had to resort to running 360's to keep the kite aloft. Nearly \$300 was raised in the effort in pledges.



West Michigan Kite Flyers Association marathon participants and friend (?) after 26 hours + airborne. The kite flown was a specially prepared Fire Dart donated by Action Kites and retro-fitted by Sandcastle. Looks like the kite fared better than the flyers!

Photo by Margie Linke

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THE FOURTH ANNUAL BERKELEY KITE FESTIVAL AND CALIFORNIA KITE CHAMPIONSHIPS

by Tom McAlister and Pamela A. Lim

For the fourth year running, Mother Nature blessed the Annual Berkeley Kite Festival and California Kite Championships with two picture-perfect days of clear weather and non-stop Pacific fresh wind at Berkeley's beautiful North Waterfront Park. Once again Highline Kites, the Waterfront Regulars and the Berkeley Marina Recreation Programs put together a terrific event with something for everyone.

The two-day Festival, held annually on the last weekend of July (that's July 27 and 28 for 1991), included a tightly-packed schedule of events ranging from kite making and a candy drop for the kids, to single-line competition for serious kite builders, to a full schedule of dual-line events in Junior, Novice, Experienced and Open Classes.

While seven Open Ballet teams wowed the crowd on the main field, such single-line luminaries as

Doug Hagaman of Washington, Craig Christiansen of Minnesota, and Ed and Bonnie Wright and Ron and Sandra Gibian of California provided an ever-changing spectacle of color that could be seen for miles.

Early Saturday morning Todd Hackney of Team Top Duck saved the day by not only bringing in sound equipment of his own but also taking charge of the maze of rented equipment and supervising its operation for most of the weekend. Also present were Lee Toy of Arizona, who acted as M.C., and Brooks Leffler of Monterey, who assisted with the single-line events. All dual-line events ran smoothly under the expertise of Lee Thrall, acting as Head Judge for the second year, and Chuck Sigal, providing state-of-the-art score tabulation on his computer system.

To sweeten the pot of over \$3,000 in cash and prizes that had

been donated by Highline Kites of Berkeley, the kite industry and local merchants, Joanne Petithory made knockout stained glass trophies for several of the events. Said one competitor, "I don't care about anything else, I just want one of those trophies!"

One of the more unusual stunt kites at the Festival was Bill Paxton's "Screen Door Kite." While his kite is based upon the Revolution concept, it is unique in that it is made entirely of netting material. You figure it out. And yes, it really did fly! When not being puzzled by that kite, you could watch Doug Scott and his Flexi-jumping demonstration. While medium winds prevented him from getting any "serious air," Doug routinely reaches altitudes of 18-20 feet. Now that's "serious air!" (Don't try this at home, kids.)

On the competitive side Sam Rock took first place in Individual Open Precision, flying a California

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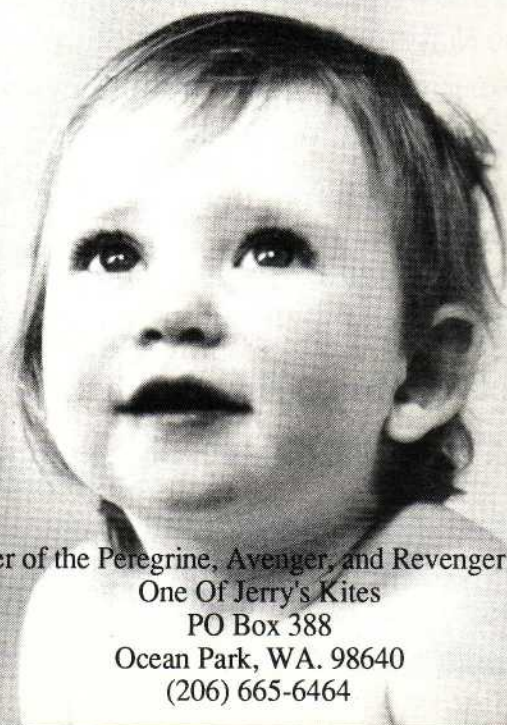
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WASP. Sam's unique style of often mind-boggling maneuvers combined with his Sam "Rock"-solid precision as a pure winner. In Individual Open Ballet, Ray Wong of the Sundowners (one of the first stunt kite teams) demonstrated a mastery of Hyperkite trains which garnered him first place.

Team events in Open and Experienced Classes were won by Prevailing Winds and Tsunami, respectively. California flyers also dominated in the Experienced, Novice and Junior Precision Class events for individuals, with Mike Minor, Craig Wong and John Morrison all taking home first place awards.

Once again, hats off to Highline Kites, the City of Berkeley, the numerous sponsors, and most of all to the wonderful volunteers from Berkeley's Waterfront Regular Kite Group. The Berkeley Kite Festival and California Kite Championships is a great event and it's great because they make it that way. See you next year!!

**FINAL RESULTS —
I. TEAM PRECISION —
OPEN CLASS**

- | | |
|--------------------------|--------|
| 1. Team Prevailing Winds | 361.30 |
| 2. Team Air Art | 266.55 |

**II. TEAM BALLET —
OPEN CLASS**

- | | |
|--------------------------|--------|
| 1. Team Prevailing Winds | 334.50 |
| 2. Bay Area Sundowners | 327.10 |
| 3. Team Zephyrus | 278.70 |
| 4. Team Bohica | 268.20 |
| 5. Team Tori Tako | 236.70 |
| 6. Team Tsunami | 233.10 |
| 7. Team Air Art | 225.50 |

**III. TEAM PRECISION —
EXPERIENCED CLASS**

- | | |
|-------------------|--------|
| 1. Team Tsunami | 322.85 |
| 2. Team Bohica | 319.30 |
| 3. Killer Bees | 312.65 |
| 4. Top Duck | 275.45 |
| 5. Team Zephyrus | 271.60 |
| 6. Team Tori Tako | 164.05 |

**FINAL RESULTS — INDIVIDUAL
PRECISION — OPEN CLASS**

- | | |
|------------------------|--------|
| 1. Sam Rock | 339.70 |
| 2. Miguel A. Rodriguez | 327.40 |
| 3. John A. Oliver | 306.70 |
| 4. Darrin Skinner | 303.10 |
| 5. Ray Wong | 295.50 |
| 6. Richard A. Peck | 286.70 |
| 7. Kelly Smith | 264.40 |

**FINAL RESULTS — INDIVIDUAL
BALLET — OPEN CLASS**

- | | |
|------------------------|--------|
| 1. Ray Wong | 263.90 |
| 2. Ron Thorpe | 252.80 |
| 3. Phil Wiltz | 250.70 |
| 4. Lee Kanstrup | 250.20 |
| 5. Miguel A. Rodriguez | 243.40 |
| 6. Ronald Ho | 238.30 |
| 7. Richard A. Peck | 233.50 |
| 8. Gerald Winn | 232.80 |
| 9. John Margozzi | 228.80 |
| 10. Kelly Smith | 228.00 |

- | | |
|------------------------|--------|
| 11. Robin Ward | 225.70 |
| 12. Mike Minor | 224.10 |
| 13. Gayla Ward | 222.10 |
| 14. Chuck Bradford | 219.20 |
| 15. Mouse (Jim) Richey | 214.00 |
| 16. John A. Oliver | 211.50 |
| 17. Barry Nash | 208.60 |
| 18. Laurie Richey | 205.80 |
| 19. Darrin Skinner | 202.30 |
| 20. Todd Hackney | 192.40 |
| 21. Craig Stinson | 176.80 |
| 22. Jeffrey Pilon | 0.00 |

**FINAL RESULTS — INDIVIDUAL
PRECISION — EXPERIENCED CLASS**

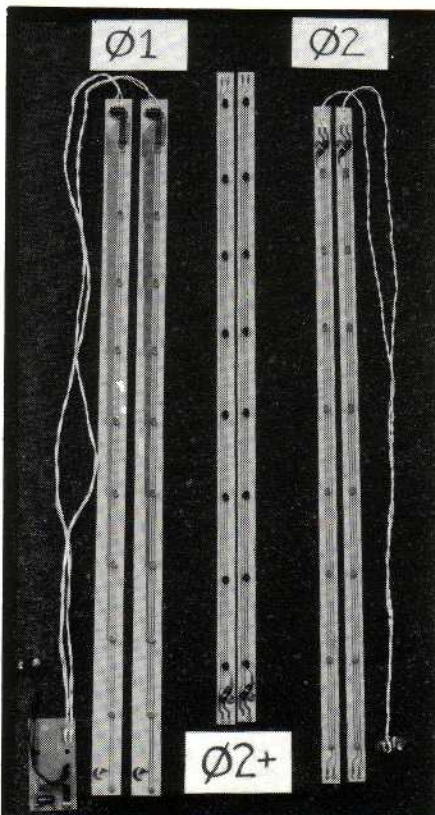
- | | |
|-----------------------|--------|
| 1. Mike Minor | 220.10 |
| 2. Bob Carlson | 216.60 |
| 3. Barry Nash | 213.80 |
| 4. Mouse (Jim) Richey | 211.40 |
| 5. Chuck Bradford | 208.00 |
| 6. Rick Baker | 206.90 |
| 7. Gayla Ward | 206.70 |
| 8. Ronald Ho | 202.60 |
| 9. Greg Aranson | 202.50 |
| 10. Jeffrey Pilon | 202.10 |
| 11. Henry Hungerland | 201.20 |
| 12. Randy Macaulay | 201.10 |
| 13. John Margozzi | 199.50 |
| 14. Peter Werba | 197.60 |
| 15. Todd Hackney | 185.30 |
| 16. Doug Hudson | 180.10 |
| 17. Ron Thorpe | 178.50 |
| 18. Jon Aroesty | 174.50 |
| 19. Kobi Esmun | 173.00 |
| 20. Lee Kanstrup | 165.50 |
| 21. Harvey Chan | 161.40 |
| 22. Craig Stinson | 147.80 |
| 23. Gerald Winn | 140.50 |
| 24. Tom Emery | 105.30 |

**FINAL RESULTS — INDIVIDUAL
PRECISION — NOVICE CLASS**

- | | |
|-------------------------|--------|
| 1. Craig Wong | 311.40 |
| 2. Michael Jackson | 327.10 |
| 3. Bruce Morrison | 300.60 |
| 4. Ken Osterlund | 283.90 |
| 5. Randy Gordon-Gilmore | 282.20 |
| 6. Robyn Reich | 278.80 |
| 7. Dan Pazos | 271.40 |
| 8. Raymond Cline Jr. | 268.80 |
| 9. Steven Brown | 265.40 |
| 10. Mark DeVita | 261.00 |
| 11. Danny Senesac | 254.70 |
| 12. Jerry Reich | 254.10 |
| 13. Erik Osterlund | 250.90 |
| 14. Scott McKelvie | 243.40 |
| 15. Brian Goldstein | 233.50 |
| 16. Charles Lewis | 222.50 |
| 17. Bruce Rath | 222.40 |
| 18. Harry Moten | 213.80 |
| 19. Karen Gustavson | 210.30 |
| 20. Miguel Lebron | 206.10 |
| 21. Chris Henningfeld | 196.30 |
| 22. Scott Turtle | 192.80 |
| 23. Ray Maldonaldo | 157.50 |
| 24. Joe Stiegerwald | 47.70 |

**FINAL RESULTS — INDIVIDUAL
PRECISION — JUNIOR CLASS**

- | | |
|------------------------|--------|
| 1. John Morrison | 309.10 |
| 2. Jeremy De la Rosa | 288.30 |
| 3. Eric Wong | 254.00 |
| 4. Chris Andres | 224.40 |
| 5. Jason Montelro | 216.60 |
| 6. Jennifer Flores | 215.60 |
| 7. Jeremiah Chittenden | 197.40 |
| 8. Travis Henningfeld | 161.10 |
| 9. Erik Kanstrup | 115.60 |
| 10. Nick Fisher | 112.80 |



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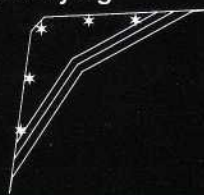
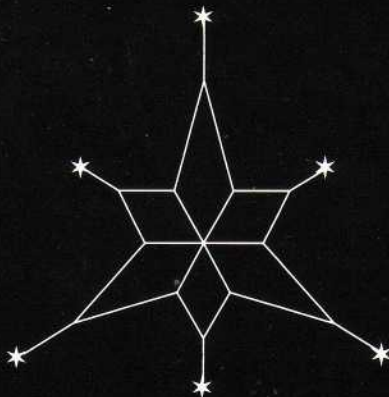
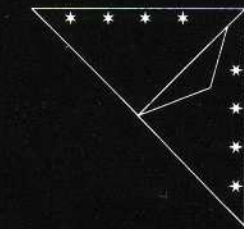
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In initial development it was recognized that we were faced with a scientific/mechanical problem. After considerable experimenting a mathematical formula was devised that stated as (N = the diathermic evolute of retrograde angular deficiency). After fine tuning this formula using a high speed Cray computer it was found that the static producing qualities of 50/79 denier ripstop tended to reduce the elasticity of the bridle line ends, thus making "fourging" necessary.

Because the only successful "fourging" (pronounced 4 ging) was being done at the Jet Propulsion Lab in Pasadena, California, a letter was sent to the Materials and Relative Conductivity Group to ask for their assistance. They replied that they would be willing to help, with the proviso that they could claim to be the first to fourg a kite. After several attempts working with various combinations of spectra/kevlar line they found a combination of spectra integrated with flax made a line of edemic nature.



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Ron Reich, Don Tabor, Pam Kirk and Eric Streed: The Top of the Line Team, flying in the freestyle portion of the precision event. At Belmont, they withstood yet another challenge from the Prevailing Winds to keep their streak of wins intact.

BELMONT 1990

San Diego, California, has to be the closest thing to a kiteflyer's Camelot that we've found yet. This year's installment of the California open marked the sixth time that we've visited this picturesque West Coast garden spot in the last two years and we've yet to see it rain! It's really quite incredible ... there always seems to be a nice bit of fog that dissipates by mid-morning with the arrival of nice, dependable wind ... and the whole thing closes down around evening time: you can darn-near set your watch by it!

Perhaps the nicest aspect of this Southern California community is that there's nearly always a place to fly ... often with other flyers! We have encountered more actual kiteflyers in San Diego Parks than in any other locale. Most certainly this fact is enhanced as the surrounding area is home ground for some of the largest kite manufacturing businesses in the country.

For two days in August, San Diego also played host to some of the best stunt kite flyers in the world. This second annual version

of the Belmont Park Sport Kite Championships, was again sponsored in part by radio Z-106 and run under the auspices of Rome-Aero Enterprises. For Ron and Alice Romero, the events have always been a labor of love. This year was even more so.

Fiesta Island in the Mission Bay district provided the backdrop for this year's extravaganza which also included the second year of competition between manufacturers for best display. This round went to Top of the Line. Belmont Park is also the only national event that we remember retail space being made available: it was a real plus for the folks that turned out just to watch and become interested in the sport.

With Robbi Sugarman (and company) handling the judging duties and Richard Peck (and computer) undertaking the contest scoring, this event had a couple primary bases covered even before the first flyer took the field. Under near-perfect conditions (if you didn't mind the occasional standstorm), preliminary

heats were run on an efficient basis.

Amazingly, for the most part, the weather decided to cooperate! Comfortably warm days were followed by pleasantly cool evenings. Actually, the only folks that were a bit chilly was the contingent from Hawaii ... but their flying managed to heat things up a bit!

Winds for the weekend were low but easily flyable. There was, however, one HUGE memorable blast that sent everything flying. In the course of just a few seconds, the direction switched 90 degrees and WOOSH ... kites, banners, and perhaps even a small child or two was headed south before the gale!

All of which didn't serve to deter the flying excitement. Gene Carey was on hand with still another mega-delta which hoisted the event banner to new heights. An enthusiastic audience was even treated to a world-class Frisbee demonstration during one of the wind lulls. David Gomberg and Ron Romero traded turns as the event's color commentators. It

was an entirely consuming occasion, as the competitions were to bear out.

The final of the three-heat Experienced Precision was won by Ron Ho, who edged out Eric Erickson and Derek Moran for the honors. The Experienced Ballet top position was notched by Kathi Larabee, who continues to stretch her string of victories. Second spot went to newcomer Ron Thorpe who was competing in his second (!) competition. Nancy Lizza finished in third.

Experienced team tilts provided us with our first look at Tsunami Precision, who took a handy win in their namesake event. Proving that they're not just a "figures" team, they also carded a second in the ballet behind an inspired Zephyrus squad. The five-man Bohica team walked away with second place honors in the precision and a third in the ballet. The Ocean Beach Windjammers rounded out the top three in precision with a third. Open class teams will have some certain new contenders next year when some

of these groups make the move up!

In the Open Team events, it was, once again, a tug-of-war between perennially favored Top of the Line and Prevailing Winds. And, once again, it was TOL in the top slot. Chicago Fire was conspicuous by their absence and the rest of the field was left to vie for the third position. In the end, it was High Performance that took the spots by besting the Elite Flight Team in each instance.

Open Individual Ballet provided us with yet another look at some relatively new flyers. Miguel Rodriguez carded a brilliant performance to gain entry to the final round as did Brian Fyfe, who flew to the music from The Jetsons. In the final tally, it was Scott Augenbaugh flying to first ahead of veteran Ron Reich. TOL's Don Tabor finished third.

Open Individual Precision honors went largely to Top of the Line where Scott Augenbaugh was the only finalist to break up a TOL

sweep of the top four places. Ron Reich finished on top of the heap with Pam Kirk in second, Don Tabor in third, Scott in fourth, and Eric Streed in fifth. A mighty impressive showing!

In quad-line competition, Erik Erickson flew to a very narrow victory, besting Scott Augenbaugh by 3/100 of a point! High Performance Team captain, Alan Nagao finished out a very close top three positions that were separated by less than 1/2 point.

Ron and Alice Romero (ROME-AERO) have put together an event that stands to become one of the better venues on the competition circuit and a showcase for West Coast flyers. Dates for the 1991 contest are April 20-21.

A complete listing of all finishers appears at the rear of this issue.

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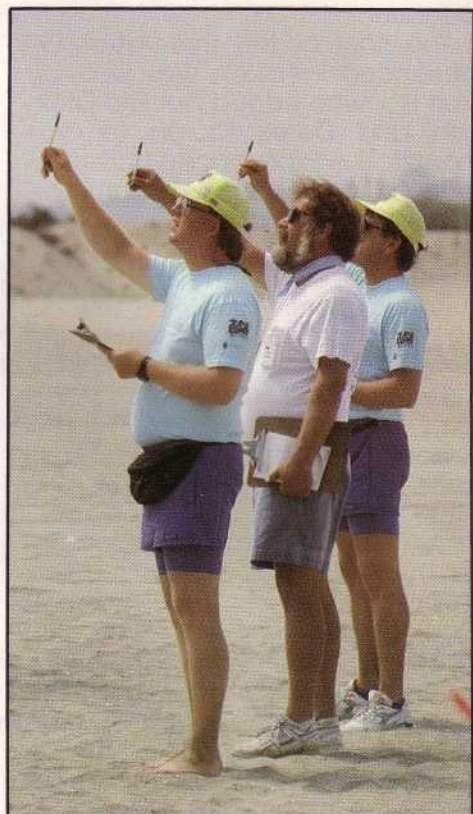
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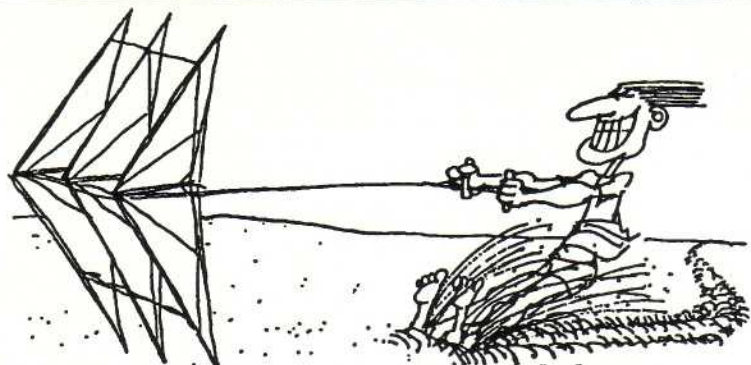
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BELMONT ...
THE CALIFORNIA OPEN, 1990.



Scenes from the Belmont 1990 California Open (clockwise from top). Looking north towards the announcing stage. Next: Finalists in the World Pencil Drop Event ... no, just a studious group of judges working the heats in the Experienced Precision. Below: The Prevailing Winds ... another hard charge at Top of the Line netted them two second place finishes.





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N.Y. STUNT KITE CHAMPIONSHIPS; August 18-19, 1990

Nearly 60 individual competitors and 10 teams turned out for the first-ever New York Stunt Kite Championships held this last August 18-19 at Long Island's Eisenhower Park. In a weekend that can best be characterized as extreme, flyers began by battling low-to-no wind situations ("You should have been here yesterday ...!") on the opening day.

Due to the multitude of events scheduled for the massive park, the flying areas were confined to two relatively small fields near one of the entrances. Directly across the street (and, for a good deal of the competitions, upwind ...) was a multi-story building that presented an occasionally tricky wind pattern. Nevertheless, a number of excellent performances delighted crowds of onlookers.

The New York Championships were our first chance to see the new four-class field that has been put into use by the events of the East Coast Stunt Kite League. Designed to serve as a step between the Novice and Experienced levels, the Intermediate class saw nearly as many entrants as the Experienced division. At this particular event, it eliminated the need for running flyers in qualifying heats and proved well-liked by the competitors as well. As a sideline, the Open class has been re-titled as "Masters," (sparking rumors that it may be only a hop, skip, and jump away to the Senior circuit ...).

In the new Intermediate class, Steve Peple nearly stole the show with a first place finish in the ballet and a second place in the precision behind John Smith. Kitemaker Marty Sasaki took third in the precision. Chris Belli took second place honors in ballet.

In the Experienced class, Bob Hanson continued his thus-far excellent season by posting a win in the precision event and third place honors in ballet. Bob Childs came all the way from Texas, however, to fly his Wizard kite to a second place finish in the precision and the top slot in the ballet. Bob's routine, which bore a



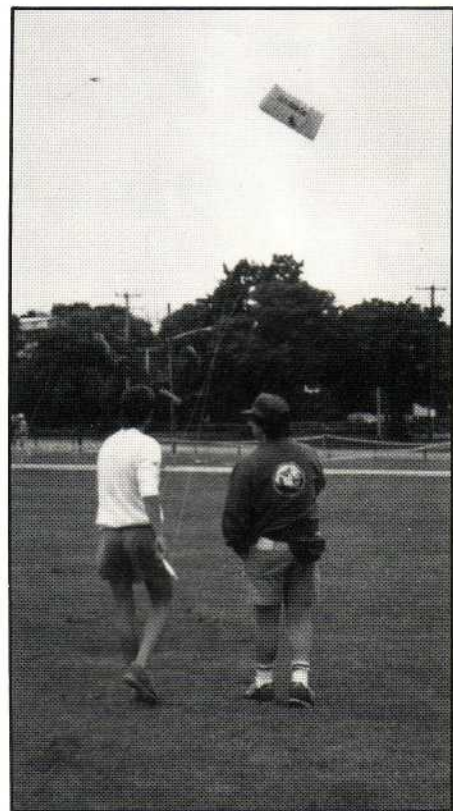
The High Flyers, this time with Cyborgs, easy winners in the Experienced precision.

resemblance to his Wildwood performance, was marked by a grouping of "flips" and super groundwork.

The Roaring Flamingo's Bob Negen finished second in the ballet with a repeat of his Great Lakes routine. Mike Simmons of Skyward Kites flew to a third place finish in the precision event, then pulled a real crowd pleaser in his strongest event when he elected to fly Skyward's newest offering, the 17'4" RBK, in his ballet. The judges, however, weren't as impressed as he finished far down in the pack.

The Grace Under Pressure award for the class had to go to Brian "Sliceman" Vanderslice who blew a wing rod in his Phantom during his individual ballet performance. Brian not only finished with the broken spar, but topped off his routine with a sustained tip-stand ... on the broken wing!

Flexi-master Dan Buxton used all the field that he could muster to win the Masters ballet. Eric Wolff and Vern Balodis completed a sweep of the event by Midwest flyers. The wind was highly variable as was to be the norm for the entire weekend. Among the less fortunate victims was Roaring



"Flyin' Brian" Keating working with a Flexifoil. An exhausting performance in the innovative event!

Flamingo's team member Rod Tanis who took the field with 80lb. line only to encounter, midway through his performance, one of the better blasts of the day. The line simply couldn't take the strain. Rod's luck was to turn the following morning.

Threatening skies greeted event organizers on Sunday. Clouds darkened on virtually every side of the fields as low pressure centers began the day's pattern of criss-crossing Long Island. Spectators arrived to find mist in the air having just left sunny skies over their homes a few minutes earlier. The winds were as varied as their directions ... and that was varied, indeed. At various times in the day, the periods of alternating calm and 20+ MPH gusts came from nearly every point on the compass.

During one of the lulls, competition began in the Masters precision. Rod Tanis, victim of a line break the day previous, flew first and finished in the same position. Dan Buxton added to his previous day's winnings by carding second. Chicago Fire's Frank Fieseler garnered third place honors.

Late in the morning, a downpour began that left flyers, organizers, judges, and spectators alike huddling under the two tents that were erected for the event. It seemed reminiscent of the "monsoon" that moved into the Schaumburg, Illinois, novice fly a couple of years ago. But no one left

Those folks who were already acquainted had ample time to converse. Newcomers, in the press of things, made friends very quickly ("excuse me ... is that YOUR foot?"). not to worry though, still lots of flying ahead. In the midst of the torrent, a few hardy folks who had apparently lost patience with the elements, took to the fields ... cheered on by their tent-bound supporters.

One such stalwart was Calvin Mills who, along with his one-person (similarly possessed) field crew, proceeded to set up a stack of Revolutions. I vaguely remember there being at least six of them! After twenty minutes of slipping and sliding, adjusting and re-adjusting, the stack went airborne ... the crowd loved it.



Rain, rain, go away ...!

It rained for an eternity which was, in this case, about two hours before the contestants were able to regain the fields in force for team and Innovative events. The High Flyers took an easy win over Big City Kites in the Experienced precision and were good enough to haul in second place in the ballet portion. Third in ballet went to the Sandy Hookers. But no one

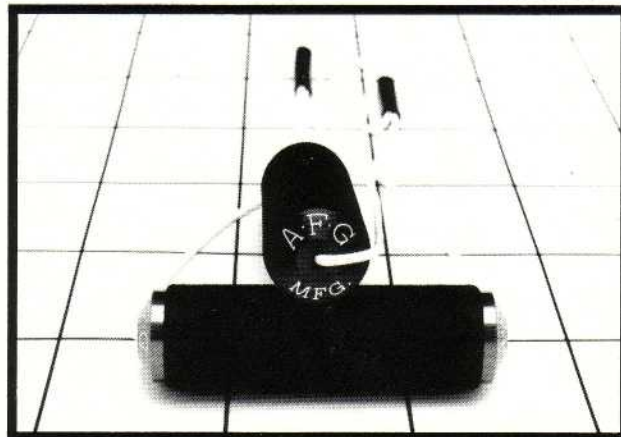
was able to catch The Edge team of Mike Simmons and John Mac-Lauchlan, who added yet another win to their already spectacular ballet season. Masters division flyers had better keep an eye on this dynamic duo next year!

Masters team precision honors went, as anticipated, to Chicago Fire with the Roaring Flamingos taking second. The Evolutionary Sky Bandits showed third.

In the ballet, it was the Fire again with a repeat. The newly formed two-person Deja Vu team placed in second and the Sky Bandits carded their second third place finish. Rod Tanis caught the applause of the crowd once again when an unanticipated gust sent him on a 30-foot downfield skid during the Flamingos team performance!

Hats off to event organizers Susie and Bill Edison and the East Coast Stunt Kite League for extending their great program into yet another new venue. Next year's event, rumor has it, is slated for Jones Beach, on Long Island. We expect that it will be even bigger and better than this year's excellent opener!

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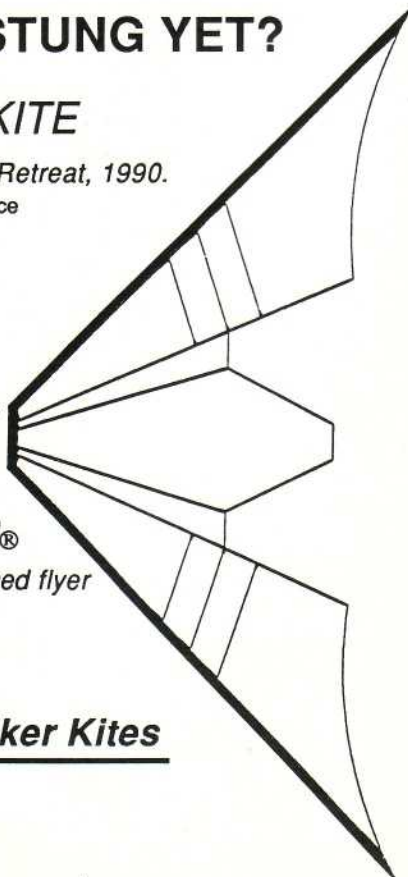
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PETER POWELL ANNOUNCES CASH AWARDS

Peter Powell Kites had announced that they will be giving cash awards in conjunction with the upcoming year's East Coast Stunt Kite League regional events. According to Peter Powell's Bill Baker, \$100 per regional will be given to the flyer who scores the highest combined point total for the ballet and precision events.

Although any kite may be used in the quest for the cash, those who are seriously bent on that goal may wish to fly a Peter Powell product, said Baker. If the winner is flying a Powell, the prize money increases to \$1000. Now that's incentive!

AKA Convention Workshop TUNING YOUR STUNT KITE

This workshop, conducted by Mike Sterling, maker of the Cyborg kite, proved to be popular with the approximately 100 flyers attending the standing-room-only session. Mike started the discussion by asking the flyers what they wanted to know about kite tuning. This led to considerable discussion on various ways to set bridles.

Dean Jordan of Jordan Air Kites offered some valuable tips as did others in the group. Some interesting techniques were discussed including hanging your kite from the ceiling and measuring the relative distances of each part of the kite from the table top or floor. It was generally agreed that the longer the bridle lines the better. Another point made was the need to be sure all spreaders and bridle tie down points were secure to prevent movement during the tuning process. Several different knots were discussed which were useful in keeping the bridle in place.

Unfortunately, time ran out just as the discussion was really getting underway. Although no pat answers were given on how to easily tune a stunt kite, many left the meeting with some bit of knowledge they could use. Most agreed that in the future more time should be set aside to share our collective knowledge.



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RENO INTERNATIONAL KITE FESTIVAL TO HOST STUNT KITE CONTEST

Stunt kite teams can compete for \$1,750 in cash prizes at the fourth annual Reno International Kite Festival, April 6-7, at Rancho San Rafael Park in Reno, Nev. The festival is produced by the Reno-Sparks Convention & Visitors Authority with the assistance of Leland Toy, internationally renowned kite maker.

The first place award is \$1,000; second, \$500; and third, \$250. The entry fee is \$25. Registration is

limited to the first 15 teams entered. Five teams will be placed on an alternate list.

Last year three California teams earned the prize money: Revolution Kites from San Diego took first place; Killer Bees, also of San Diego, was second; and team Bohica of La Habra was third.

For more information, call the Reno-Sparks Convention & Visitors Authority, 702-827-7636.



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- Smallest Kite Contest* •Bull's-eye Contest* •Largest Kite Contest*
- Stunt Kite Team Ballet Competition — Limited \$1750 Prize Package

Sunday, April 7

- Kids' Kite Race •Workshop Kite Contest •Most Foolish Kite* •Bull's-eye Contest* •India Fighting Kite Keep Away •Most Beautiful Kite Contest*
- Stunt Kite Team Demonstration •Rokkaku Casino Kite Fighting Championships — Limited
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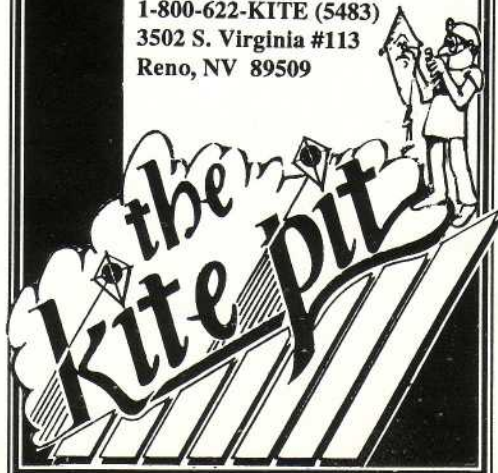
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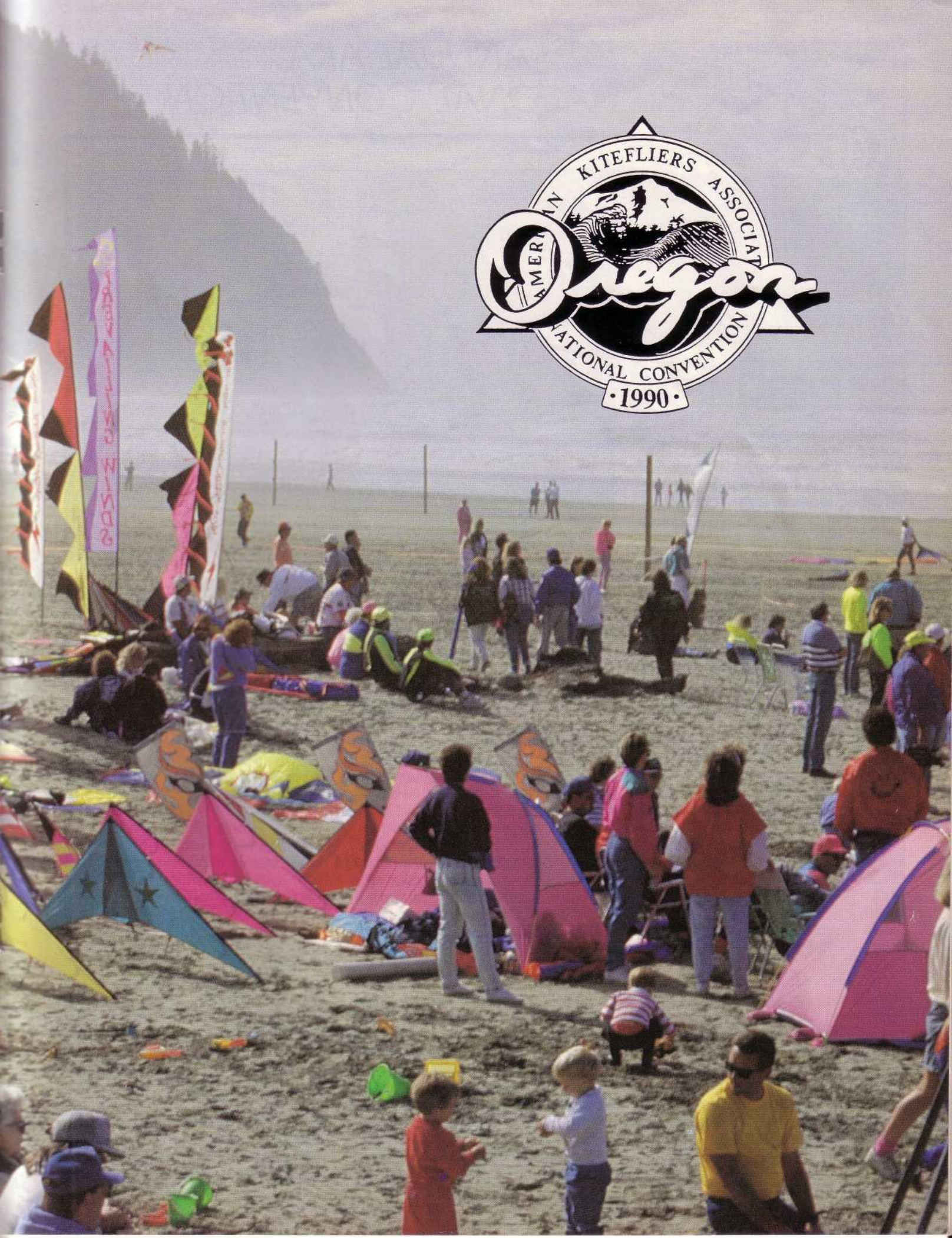
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13TH ANNUAL AKA NATIONAL CONVENTION

**PHOTOS BY
CRIS & SUSAN BATDORFF**

The competitive year 1990 may well be best remembered as the season that flyers were reminded of exactly what it is that keeps their kites up in the air. Event organizers may characterize it a little differently ... perhaps as a year of reflection on the reliability of the weather. Indeed, every contest of the season was visited in earnest, by Mother Nature.

The last and largest of these events, the 13th annual rendition of the American Kitefliers Association Grand Nationals would have been remiss in their duties had they not extended yet one more invitation to this Grand Old Gal. After all, it may have been deemed unfair to force flyers to compete in better conditions than they had experienced for the bulk of the season! It's not as if they hadn't had appropriate practice conditions....

Well, so much for retrospectives. Shortly before the running of the Nationals, event chairman Dave Gomberg had communicated to Eric Forsberg, the stunt kite chairman: "You're responsible for the schedule. God is responsible for the weather. I have placed these two items in their proper priority." But no one had expected THIS!

The last stop on the yearly "tour," the AKA Nationals, this year being run as an invitational for the first time, was to showcase the world's best flyers. With the intervention of an untimely and very large weather front, it also proved a test of organizational skills for volunteers responsible for keeping the event running on an even keel.



The Spinoff of Scott Augenbaugh ... many routines featured difficult launches, some from nose down positions. Scott took a victory in the Open individual ballet with this performance.

Winds which ranged from zero to 30MPH came from nearly every point of the compass. Additionally, frequent periods of precipitation ran the gamut from the standard Oregon-coast fog to downright downpours. This, of course, following the even-more-usual perfect spell of weather directly preceding the event ("You should have been here ..." etc.).

Everything started smoothly enough. Weather conditions on the opening day were quite nice ... winds were a little lower than some might have enjoyed but well within acceptable limits. Then, by degrees, things begin to turn. The evening brought clouds and by Thursday morning, rumors began to circulate of a huge storm somewhere to the west, or north, or southwest depending on who happened to be talking at the time. The only consensus was that "IT" was out there somewhere ... a low pressure area of monstrous proportions.

Organizing officials began to show furrowed brows and by mid-morning, with the sun still putting in

a fair number of appearances, it was decided that the schedule would be accelerated in anticipation of disaster. Right on cue, things began to worsen in the weather department.

Blue skies with fleecy clouds gave way, over the course of the afternoon, to gray. Winds became sporadic, at times vanishing without warning. Competition became a crapshoot, the only constant being the running order, as the events continued. Evening brought back the wind ... and with it the rain.

It also brought the opening of the '90 version of the AKA Fly Market in one of the lower rooms of the Shilo Inn, which served as the convention hotel. After a couple of years of dropping attendance, it was good to see that this rendition was filled with people. WOW ... It was hard to just negotiate a circuit of the room!

Friday came up gray with occasional glimpses of sun. Evidently the bulk of the monster front had not come on shore as yet. Officials scurried to complete as many

events as possible before the perceived pandemonium had a chance to begin. Darker skies, some fog, and finally rain eventually hit the beach as the competitions wore on. Eventually, conditions became difficult ... relaunch crews facing the rain were hard pressed to keep track of their flyer's kites against the weather. Surely, the events would be postponed....

Not so. Neither rain, nor sleet, nor gloom of night ... judges had to resort to hiding soggy score sheets under their jackets as they trudged back and forth between fields 1 and 2 to pass on the performances of a 17-team field in the Experienced ballet. It had, by degrees, become a test of endurance.

Friday evening brought the promise of good food and the always madcap auction. Attendees would not be disappointed in either regard. In what had to be one of the highpoints of the evening, we remember Dan Prentice, American Kite Magazine publisher, having an animated discussion with Eric Wolff. Unfortunately, his back was to the stage where Andy King of the Kite Store Ltd. (London, England) was auctioning off a pair of "coveted Blitz Team shorts." Daniel broke off his discussion only to find out that he was the proud new owner ... and \$500 poorer! In total the auction raised over \$25,000 for the American Kiteflyers' Association. SKQ was proud to purchase a unique Lifeflite/Liteflite S that consisted of one-half of each kite. (Of course, a review will be forthcoming!)

Saturday, as luck would have it, turned out beautifully. Sunshine, semi-warm temperatures and, eventually, good wind. Quad-line and Innovative events ran under near-perfect conditions. The rumored storm was playing with us, again. Unfortunately, nearly all of the other events had already been run. No problem for the crowds, though, as the single-line folks still had judging for their divisions. Even though the wind took its time in getting there, the spectators had a grand show, indeed.

It was later, during the grand banquet, that Mother Nature finally began to unload the arsenal that she had mercifully been



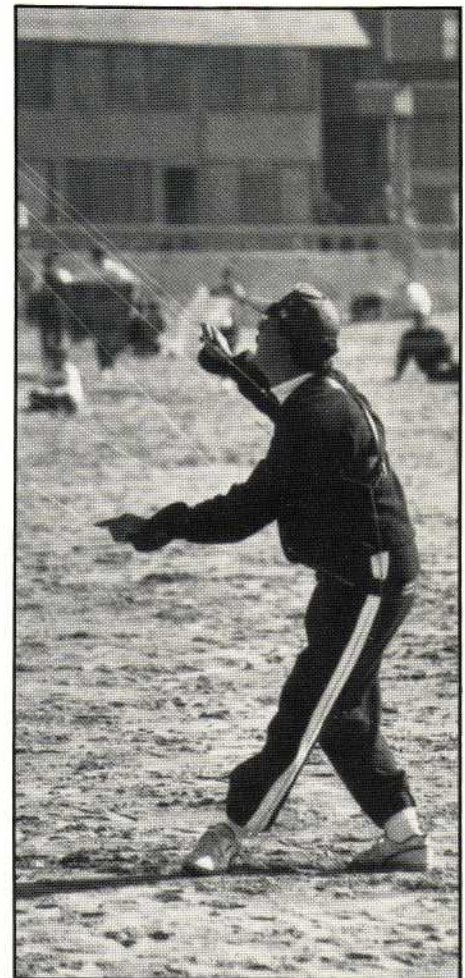
Chicago Fire's Eric Wolff competing in the Open ballet. Many flyers encountered "unusual" wind situations.

holding at bay for most of Grand Nationals. Surprisingly, the four days of the event had escaped unscathed for the most part. Certainly, there were problems but, like the forerunning contests of summer, all of the competitions were completed.

... and it's sure not like it wasn't fun!

Not having visited the beautiful coastline of Oregon for a goodly number of years, (and never under the guise of a kiteflyer) it was a pure pleasure to work the large, impeccably clean expanses of sand with nearly perfectly stable wind. Such conditions are to die for! Having journeyed up the coast from San Diego gave us ample time to sample many of the beaches along the Pacific Coast and we are hard pressed to pick one over the others ... although it is difficult to envision one better than that at Seaside.

This year's AKA Nationals came directly on the heels of the much-touted World Cup, with barely one day's surcease in activities for the many visiting flyers. We arrived in Seaside on Sunday afternoon, just in time to catch the team ballet routines as they were performed before large appreciative crowds. Although Top Of The Line made good their bid for capturing the first World Cup on total points, they were bested in the ballet



Toronto's Jim Poy at the control of three kites and a delicate sense of balance!

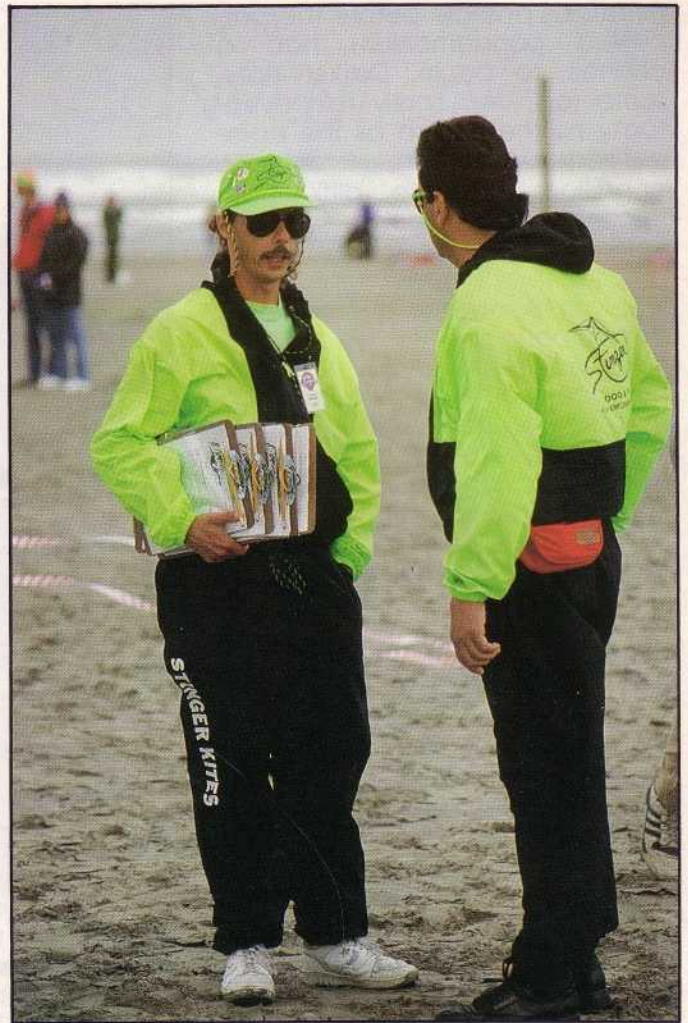
13TH ANNUAL AKA NATIONALS



Peter Powell's Bill Baker takes time out for some last minute preparation of his custom stack of diamonds.



Score posting! Winner-take-all Scott Augenbaugh (left) and Ron Romero (ROME-AERO) catch the final tally in the Individuals.



Vince Bobrosky (left), swapping his flying lines for a judge's clipboard, chats with Greystone International's Bob Senneff before heading to his field duties.



Northwest favorites, the Stunts R Us (Peregrine) team performing in the Open Team division.

A complete listing of all finishers followed at the rear of this issue.

event by a fast-rising Prevailing Winds Team. The Prevailing Winds were to strengthen their position as the up-and-coming team to beat by knocking off TOL again during the AKA event, this time for the coveted team precision trophy.

The Grand Nationals provided the usual fare of excellent flying ... the culmination of routines at their competitive best. With the employment of four separate competition fields, it was like watching a huge circus. Single-line kites were there in force as well to add to the spectacle.

AKA Grand National is getting the chance to meet and watch some of the international competitors. This year, teams and individuals from Japan, England, and Canada took part in the competitions. Many of them did extremely well.

Several stalwart performances were staged by Japanese flyers. In the Experienced class, Hideo Wakazawa won the precision event, followed by Woodwinds teammate, Ryohei Shiohata in third place. Hideo also put together a fine ballet for a second place slot in that event.

Team precision in the Experienced class saw the Killer Bees continuing their dominance of the event as they outdistanced the second place Tsunami team by nearly 7 full points. This three-man squad will certainly make their presence felt when they move up to the Open class next year. Third place went to an up-and-coming Zephyrus team.

The race in the Experienced team ballet was, once again, for second place, with Edison Flight & Power eventually getting by the Killer Bees for the position win. Wrapping up an outstanding season all alone in first place by better than 7 full points was The Edge of Miami, Florida. This two-man team (Mike Simmons and John MacLachlan) has been virtually untouchable all year. Their routine, flown one more time to the sounds of Kenny G, was both fresh and difficult. It's just what may be needed to make them solid contenders in the Open class next year.



An impromptu seven-man Revolution squad. Members of the High Performance Team, Lee Sedgwick, and the Hadzicki brothers hard at work!

Keeping track of friends as they flew was nearly impossible!

In keeping with another Grand National tradition, there were, as expected, a number of standout routines. It was, indeed, the best of the best. Kathi Larrabee topped off a great year of competition by handily winning the Experienced Ballet. In a routine which outdistanced her closest rival by nearly six full points, Kathi served notice on the Open Class that there will be another name to contend with in the upcoming season. Her performance, like her musical selection, Tchaikovsky's "Nutcracker Suite," was classical. Kathi also managed a fourth place finish in precision to round out her AKA showing.

Third place in the ballet went to an East Coast favorite, Bob Hanson. Flying a repeat of his popular "Over The Rainbow" routine, Bob continues to look better and better with each viewing. Bob didn't stop there ... he carded a second-place finish in precision just for good measure.

One of the real pleasures of an

In the Open class, Frank Fieseler, having made the finals by virtue of a third-place finish in an earlier heat, wound up taking the top slot. In shifting, light winds, Frank was the only competitor from last year's top three finishers to repeat in this year's contest. Second place honors went to another Midwestern flyer, Dan Buxton. Top of the Line principal, Don Tabor, notched yet another third place finish.

Finals in the Open ballet took place after a wind-rule delayed start. Groundwork seemed to be the rule of the day. Several routines contained landings and relaunches, some done from "nose-down" positions. When the results were tallied, it was Scott Augenbaugh on top with a repeat of his dynamic Belmot performance. Augenbaugh flew brilliantly in an extremely difficult routine that left no margin for error. Second and third slots went to Eric Wolff and Ron Reich, respectively. It was the second year in a row that each had finished in the same position.

There were more fireworks in the Open class team events. Prevailing Winds, having chased the Top of the Line team all year long, finally flew their way to the top in the precision event. It was TOL's first loss in National competition since their unfortunate disqualification at the 1989 West Coast Nationals. Chicago Fire finished a close third.

In the ballet portion of the open team events, TOL and Prevailing Winds traded places. Both routines were patriotically stirring and brilliantly choreographed. Chicago Fire repeated in third flying to the sounds of Neil Diamond.

Lee Sedgwick proved again, that he's the man to beat in the innovative events. Lee finished a whopping 11+ points in front of the field. Second and third places went to Alan Nagao and Scott Augenbaugh, respectively.

Quad-line honors went to Joe Hadzicki with brother Dave finishing in second. As the inventors of the Revolution, it seemed an appropriate win! Alan Guillean took the third spot.

Next venue for the AKA Grand Nationals? Jacksonville, Florida, in October of 1991 ... see you there!

BOSTON AREA STUNT KITE CHAMPIONSHIPS ...

September 8-9,
1990

Who could pass up a chance to spend a weekend on New Hampshire's coastline? Coastline?

You bet! One of the highpoints of the Boston Area Championships was getting the chance to spend some time on virtually all of the 16 (count 'em!) miles of New Hampshire coastline. If you've never entertained the idea of heading for the Northeast part of this grand country to do some kiteflying, you've missed something spectacular, and we're not only referring to the scenery!

If the winds of September are any indication, the flying should be grand all year 'round. Add some of the nicest beaches that we've seen anywhere and you've got the perfect formula.

We spent two days before the competition flying both on the beach and in a very pleasant park near the inlet at Hampton Beach. On each occasion, we were greeted by interested and enthusiastic onlookers. It's a pleasure to talk to folks who are so accommodating!

Our host for the weekend was Dan Loughlin who just happens to own Something In The Wind, at Hampton Beach, NH. The actual competition was held just across the border in neighboring Massachusetts, at the Woodsom Farm, near Amesbury. Amid the rolling hills of this working homestead, some 30+ flyers and 10 teams met to vie for honors in this first-ever event.

Lest anyone get the impression that flyers had to hop-scotch around any of those familiar barnyard-type obstacles, let us point out that the Woodsom Farm is more like a huge, rolling estate. The property has recently been donated to the town of Amesbury, and has been the focus of many community events.

With the by-now-competitive-standard of wind/no wind situations, the contests began on Saturday. The field (one of three) that had been chosen for the novice events sat in a shallow bowl between two hills which forced the beginning flyers to deal

with some extremely tricky wind patterns. Frustration proved to be the dominant factor for both judges and competitors as flyer after flyer struggled with gentle breezes that were alternately



there, then gone. Eventually, young Joshua Connell bested the six-person field finishing a full point ahead of second place Karen Wood. Steve Fitzgerald took third in the class.

The ballet field ran adjacent to the Novice field and had cleaner wind. Though ground contours still



Frank Loudenslager at the controls of a stack. Low winds forced a lot of running in some of the events.



Bill Edison solo-flying a Phantom in the innovative. Top honors in the ballet, second in precision ... a great weekend by any standard!

presented swirling patterns, those who had the opportunity to fly both of them seemed to prefer the number two location. Completing the Connell "family affair," Josh's dad, Mike, took top honors in the Intermediate ballet. He also added a second place finish in the precision event behind winning Quinn Rickman.

Dave Rollins took third place honors in the Intermediate precision. Second and third places in the ballet event went to David Wolfe and Chris Wales respectively.

Bob Hanson continued his dominance of individual events in the Experienced division of the East Coast League. This weekend saw Bob Finish handily in first place in the precision and wrap up a second place finish in the ballet. Another eastern favorite, David Barresi flew to finishes just behind Hanson in each event.

Hanson's bid in the ballet was squelched by George Baskette, a recent East Coast transplant, with an incredible Flexifoil routine. Baskette continued to press his performance level with yet another low-wind routine which utilized nearly the entire flying field. His canine buddy, Porch, who at one point became involved in serious discussions with other mascots, had to satisfy himself with sideline coaching rather than his usual on-field role. Third place in the ballet went to Susie Edison.

Susie's husband, Bill, carded a great weekend in the Masters division by taking top honors in the ballet and a second place finish in precision. He was followed, in each case by Susan Fontenot. Ralph Offredo finished third in the ballet, while the top spot in precision was won by yours truly, who also recorded no less than three (ouch!) ground bashes in the ballet!.

The High Flyers showed their flying prowess by taking a first in Experienced team precision and a second in the ballet. Trading places with the High Flyers in each event was the Edison Flight and Power team of Bill and Susie Edison. EF&P was augmented in the precision by the addition of Roger Chewning and flew under the title of Black Sheep Squadron.

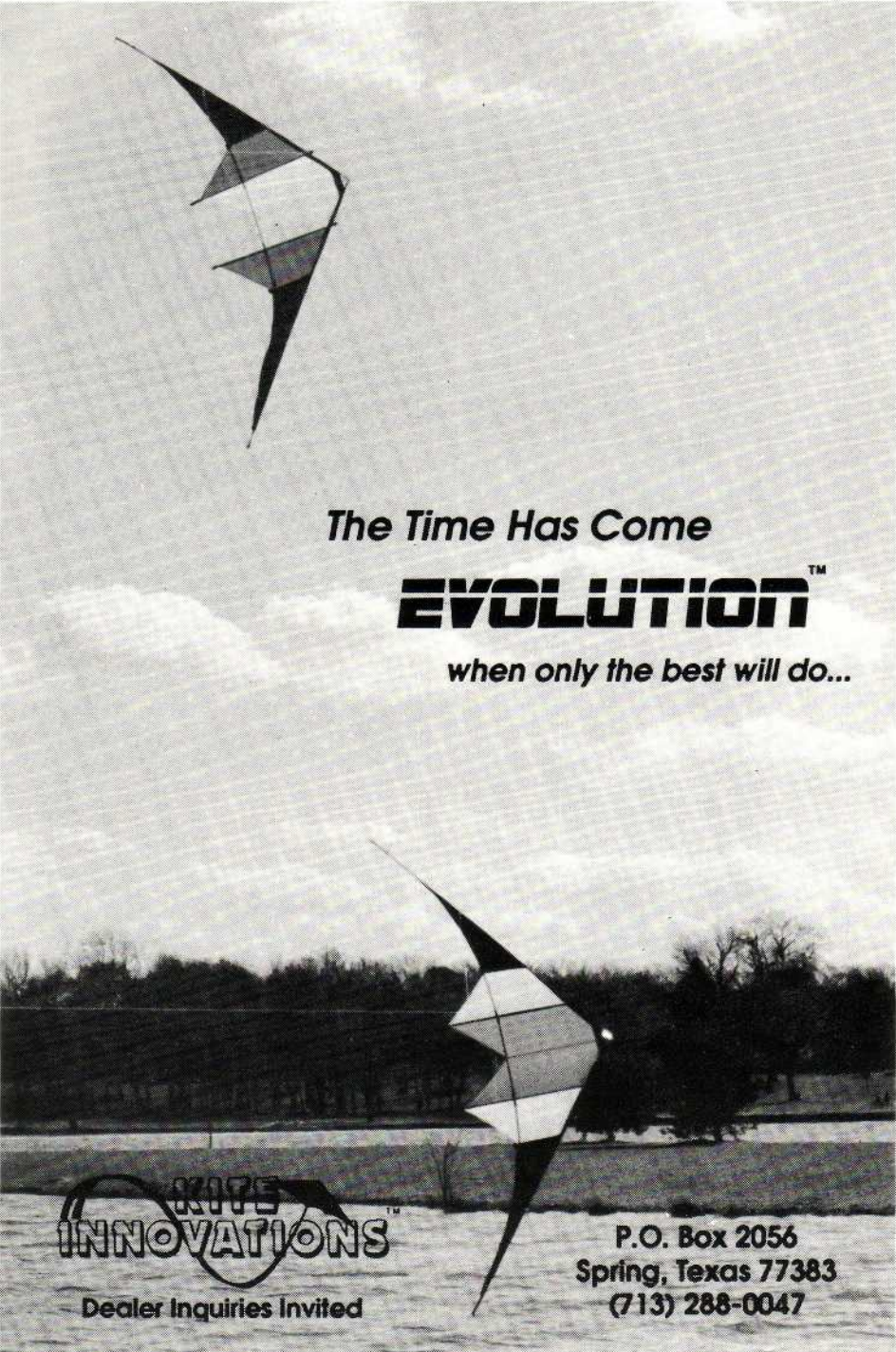
Low-wind performances in the

Masters team competitions wound up with A-Roar-A in first place in the ballet. Deja Vu took second with Team Thunder Hawk showing third. In an interesting turn of events, team precision was not run in the division because ALL teams were comprised of pairs only.

In other events, Dave Simpson took first place honors in the Innovative contest with a stunning display of simultaneous kite flying. Dave's excellent control and precision will make him a force to be reckoned with in upcoming

events. In the quad-line category, it was Bob Hanson adding yet another trophy to his collection, outdistancing second place Bill Edison by a full five points.

Clearly, the Boston Area Championship is destined to take its place as one of the established events of the East Coast Stunt Kite League. With the able support of Kites Over New England, the host club, and the help of the organizers of the ECSKL, it's certain to improve year after year. Next time ... who knows? Maybe we'll even be flying on the beach!



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3RD ANNUAL OUTER BANKS STUNT KITE COMPETITION

OCTOBER 20-21, 1990

by Anne McCarter

Sixty flyers from 18 states converged on Jockey's Ridge State Park, Nags Head, N.C., to compete in the third annual Outer Banks Stunt Kite Competition, setting four world records in the process. This year's event doubled in size and duration from the previous year's. Four classes of pilots (Novice, Intermediate, Experienced, and Masters) competed in 14 events, including a very special new event — the Power Challenge.

In Novice Precision, Joel Smith took the field with a 95.6.

Masters Individual Ballet was the tightest race of the day. Mike Jones, with 88.0, took first with his Mirages. George Baskette and David Barresi, both flying Flexifoils, were right on his heels, placing second and third respectively, after a tie breaker at 87.63!

Intermediate Ballet brought Kim Sterling first place (especially nice going since it was her first time in competition). She was followed

closely by Chris Belli and Steve Peple. In Experienced Ballet Marc Ricketts' high artistic score helped earned the top spot.

The D.C. Flyers (from Washington, DC naturally) formed a five-man team the afternoon before the competition to compete in Experienced Team Ballet. Flying gorgeous Jordan Air deltas they managed a strong showing to place third. Liberty Flyers, with Signet Air Tempests, landed second. From the Big Apple, the Big City Stunt Kite Team waxed first with Fire Darts.

Masters Team Ballet found the Sky Ratz (George Baskette and David Barresi) challenging Edison Flight & Power (Bill and Suzanne Edison). The Edisons prevailed, though the competition gave them a real run for their money!

By 4:00 Saturday afternoon the sound system began to go haywire, trying the patience of all involved. When several flyers had to compete in ballet with a boom box being carried around behind them, event organizers were forced to postpone the balance of the day's events despite near perfect winds. Sunday was not going to be quite as simple as they had hoped! The following day brought even warmer temperatures but began with lighter winds which fortunately increased throughout the day. Events began to come off quickly, but still flyers scrambled to delay travel plans.



Chris Shultz (above) at the beginning of a run for the world record. Below, an impressive set-up for the start of the "power challenge."

With temperatures in the mid-60's, blue skies, and 8 to 12mph winds, things got rolling Saturday morning. It soon became obvious that the judges were going to need all their concentration skills.

Competing in Masters for the first time, Chris Shultz gave an exciting performance in Individual Precision. Flying a three-pack of Mirages, his compulsories were strong, but it was a gutsy free-style that earned first place for this local native. He was followed closely by George Baskette (unfortunately without his canine ground crew!) and Bill Edison who were separated by just .71 of a point.

Steve Huff captured Experienced Individual Precision with his custom Spin-Off style delta. His free-style was the smoothest, most precise performance of the day. Lori Agnew's skill with her three-pack of Mirages brought Intermediate Precision to her cleanly.



Bill Baker provided hilarious comic relief in Individual Innovative. Setting the field up with such Halloween-related props as tombstones, ghosts, black cats and pumpkins, he piqued the crowd's interest. When he appeared in a very form-fitting short black dress (rather nicely filled out) and a black wig with witch's hat, they roared! Bill flew wonderfully decorated kites — a Double Diamond, a Skyraker, a Mark 2 and several single line bats to the theme song from "The Munsters," handily placing first.

The final event Sunday afternoon was the Power Challenge. The first ever event of its type, the Challenge was created in recognition of the need for speed and power that many flyers possess. A pre-measured course with a skiing "lane" measured 40' by 300' was marked off on the flying field. Contestants had to remain within the boundaries for safety's sake. Flyers chose their time to start flying within a 5-minute time frame. The object was to get to the end of the lane as quickly as possible using two-line steerable kites as propulsion. The flyer had to be in contact with the ground at all times during his attempt. Skids, skis, wheels or mechanical devices could not be used.

Fifteen flyers set up impressive stacks for technical inspection by the safety marshall and his crew. Several were asked to make changes to a more fail-safe system. Hawaiians, Spinoffs, Fire Darts, Flexifoils and Force 10s were all used. Winds were marginal at 8 to 10mph at first but increased to 15mph. Excitement mounted as the course was laid out.

George Bently captured a world record for the greatest number of Force 10s flown single handedly. With Steve Shapson's (Mr. Force 10 himself) help, George trained five of the monster deltas and lived to tell about it! He flew the course in 29.56 seconds.

Chris Shultz was determined to use the opportunity to not only compete in the Power Challenge but to re-capture the record for greatest number of 4' diamond stunters (Chris had been part of the team that won the record two years earlier with 35 Powells). He set up 41 Peter Powell diamonds



The Peter Powell record fly! Forty-one 4' diamonds kept aloft for 12.4 minutes by Chris Shultz.

and took off! Crossing the inner lane boundaries, he was DQ'd. However, he continued to fly for 12.4 minutes unassisted, as timed by head judge Corky Chewning, to claim the record!

In the 100lb. to 150lb. bracket, Steve Shapson flew four Force 10s. He completed the course in 28.44 seconds. In the 150lb. to 225lb. bracket, Roger Chewning competed with six 10' Flexifoils and six 6' Flexifoils. Interestingly, he stacked the 6's behind the 10's producing some pretty incredible power. He flew the course in 29.25

seconds. Both men took first in their brackets and also set world records, truly earning the right to the title of "Power Kings"!!

Overall, the Power Challenge was an incredible success and will definitely be included in future Outer Banks competitions.

This year's event was inspiring in terms of increased interest and professionalism in our sport. If this event, first on the 1991 calendar for the Eastern Stunt Kite League, is any indicator of where we're headed, it's going to be one incredible year!!!

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RON REICH

DUAL CONTROL SEMINAR

JULY 28-29, 1990

Many of the top name flyers in the stunt kite circuit have acquired a god-like status among their groupies. Most of these flyers really prefer to be part of the regular crowd and would like to share what they know on a down-to-earth basis. Such was the atmosphere at the recent Ron Reich Seminar, sponsored by the Gasworks Park Kite Shop in Seattle, Wa.

Thirty-two people attended the two-day seminar. The first day was a classroom session held in the old building that was once home to the Miss Budweiser hydroplane. Coffee and breakfast sweets welcomed the attendees as they filed into the meeting room. Five sleepy-eyed Oregon flyers were in dire need of some pick-me-up doses.

Ron, being the regular guy that he is, pitched in and helped set up the sound system. Most people didn't even realize that it was him until Kathy's introduction. A hush then fell over the room as instant admiration and recognition kicked in.

The lecture started with a short introduction of how Ron became interested in stunt kite flying. Ron lives in San Deigo, Ca., and is employed as an engineer. While on a walk with his wife in 1985 he saw Don Tabor, owner of Top Of The Line Kites team flying, and decided it was something he just had to try. He spent weeks trying to locate Don. Once he found him, Ron ordered a custom Team kite and had Don teach him how to fly. Don had a hard time believing that Ron had never flown kites before.

Ron began competing that year and even flew in the Grand Nationals in October. He has been selected as the best dual line kiteflyer in the United States for the last four years. He is responsible for generating many innovative ideas such as flying two or more kites on separate controls at once. Ron does all the choreography for himself and for Top Of The Line,

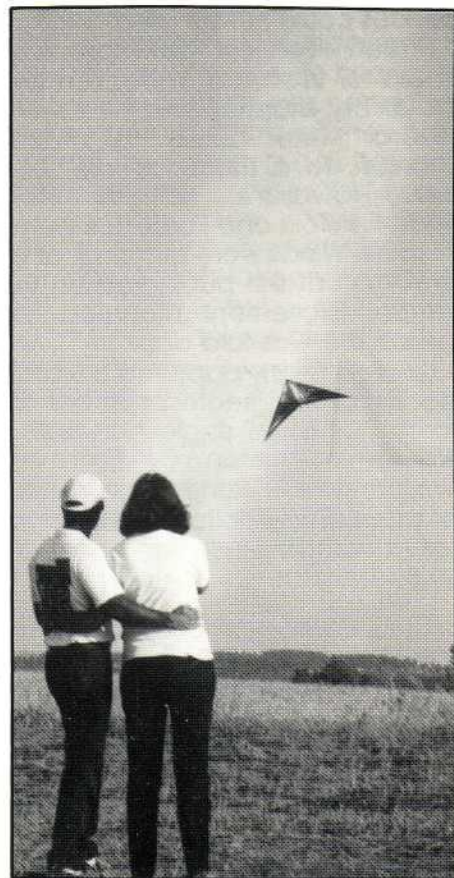


Ron assembling a Team Hawaiian (above) and (below) instructing a workshop attendee at Magnuson Park.

relying on an extensive background in music and in doing skating routines for one of his daughters.

At the seminar, Ron covered a wide variety of topics including selection of the right music for competition, types of moves to perform to the music, team flying and innovative flying. He played many of the pieces that have been part of his winning performances and showed how he choreographed maneuvers with his hands before he actually flew the routines on the field. Ron played a video of the team's performance at last year's Grand Nationals in Hawaii. The whole day was filled with information about techniques Ron has used to achieve winning performances. All the attendees marveled at how many tips they were able learn from Ron.

To everyone's surprise, the audience was made up of a high percentage of ladies. Ron singled them out for special attention in a very gentlemanly fashion in order



to make them feel more comfortable in a male dominated sport.

Top Of The Line donated 19 kite skins which included the whole line of sizes and patterns. Nineteen names were drawn out of a TOL hat and 19 lucky winners walked away with a special momento of the occasion. Every winner rushed to have Ron autograph their prize.



Ron's rig! Just an ordinary belt with lines set up to control the kite with hips and hands. What a shock to see how much pressure two kites could put on one's body!

Ron then encouraged everyone to try flying doubles. The participant held one control while Ron held the other one. He patiently instructed each one on what to expect and just how to handle it. One of the bystanders wanted to try flying even though she had never held a dual control kite before. With a little coaxing and reassurance she timidly walked up and asked to be next. She returned thrilled with the experience. Little did she know she

had just had a lesson from the world's best.

This seminar was the first in a series of classes taught by top name flyers that Kathy Goodwind hopes to offer. Learning from the experienced competitor enables other hopefuls to expand their horizons and allay any fears of competition. It is hoped that other guests such as Eric Wolff of Chicago Fire, Dan Buxton of Flexifoil fame, or even the infamous Hadziki Bros. of Revolution can be convinced to participate. Give Kathy a call if you would be interested in attending these seminars, or being a guest lecturer at (206) 632-6151.



Magnuson Park, one of the favorite flying areas, was reserved for the second day of the seminar. With high powered sound equipment available, Ron was able to perform to the music he had previously played the day before. The small intimate group was able to get front row seats to view a rerun of Ron's winning performances

The wind cooperated most of the day but when it dropped off to less than 1 mph, Ron pulled out his secret wind weapon. It was an ultralite kite with 1/2-oz. nylon and spars that are still under research. At \$40 apiece, these rods have been developed to withstand extremely adverse wind conditions. Ron's special kite weighed in at 6-8 ozs.

Ron then invited the group to participate. Everyone lined up including Kathy and Kelci Williams, WKA secretary. What a kick to see

(Clockwise from left) Choreographing maneuvers without the kite: an important part of Ron's winning formula. Next, another lucky TOL winner comes out of the hat! Finally, the assembled workshop in front of The Gasworks Kite Shop.



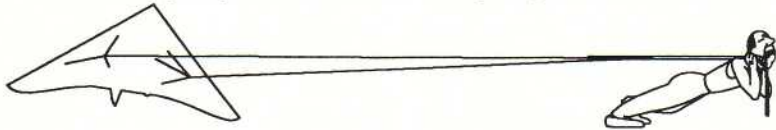
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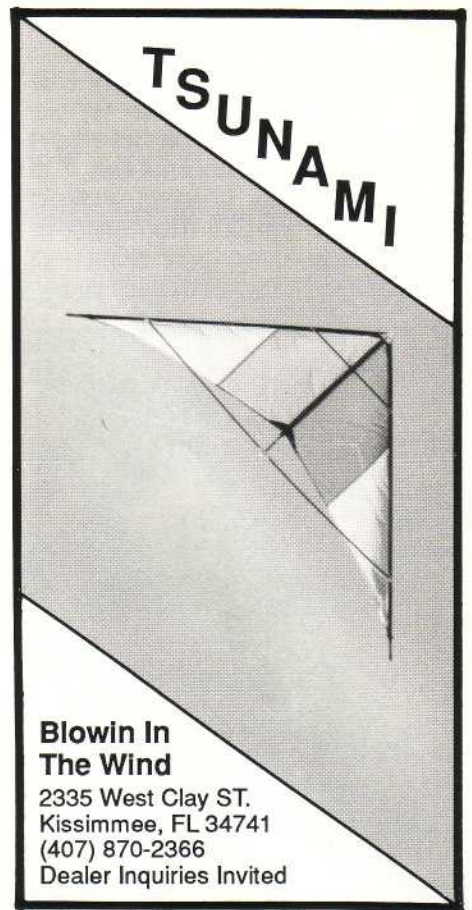
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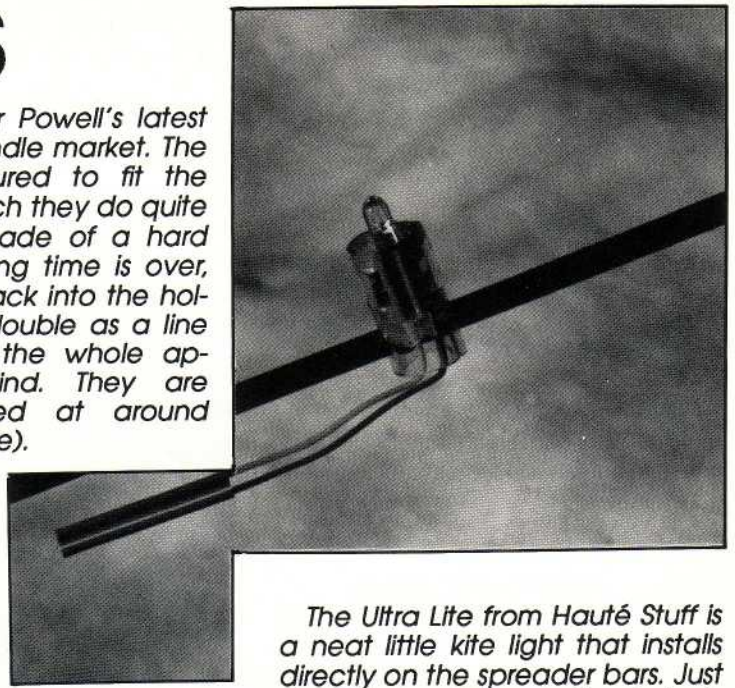
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NEW PRODUCTS

Fisties are Peter Powell's latest entry into the handle market. The grips are contoured to fit the flyer's hands (which they do quite well) and are made of a hard plastic. When flying time is over, just snap them back into the holder, which can double as a line stake, and spin the whole apparatus to rewind. They are reasonably priced at around \$10.00 (without line).

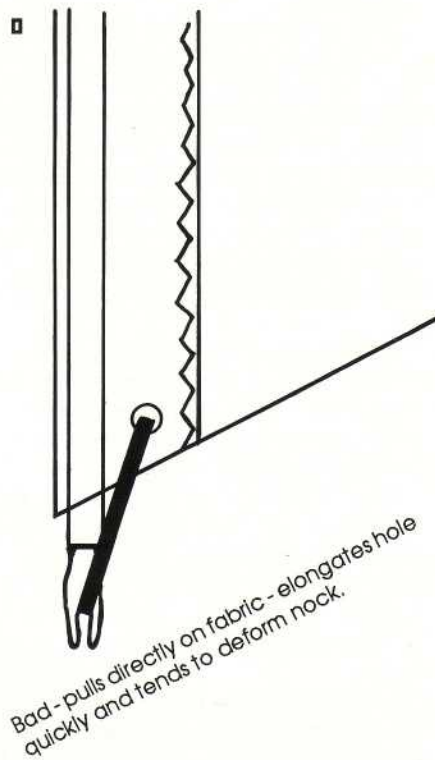


The Ultra Lite from Hauté Stuff is a neat little kite light that installs directly on the spreader bars. Just slip the bar through the hole in the vinyl, slide the insulating piece off the ends of the wire, and twist them together. Viola Up to a minimum of 24 continuous hours of LED light. Nifty! These hot little items should be appearing in popular kite shops for around \$10.95.

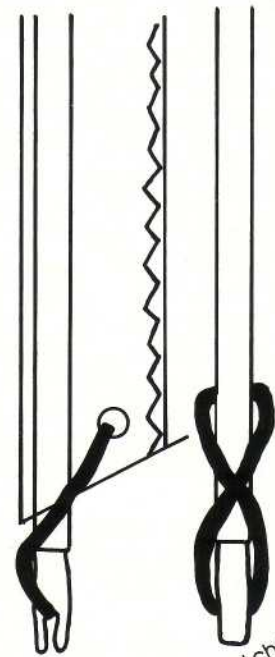
AND TIPS...

This issue's tips come to us from Don Lary of Portland, Oregon. Don and his wife, Lynn bought their first stunter, a Flexifoil, in 1981 and have been active in kiting ever since. Their "collection" has grown by leaps and bounds since that initial acquisition to well over thirty (along with, by Don's admission, "a billion or so assorted single line kites, spinners, tubes, and other types of sky garbage"). SKQ is proud to feature Don's Tips as an exclusive...look for more in upcoming issues!

GOT SOME TIPS OF YOUR OWN THAT YOU'D LIKE TO SHARE? Reader's contributions are solicited...just drop us a line and we'll do the rest!



Bad - pulls directly on fabric - elongates hole quickly and tends to deform nock.



Good - figure eight behind strut changes stress point and pulls toward base of the nock.

SOURCE: UNKNOWN BY AUTHOR

The Wind-Shot by Mark Lohrey

© March 1990

HOW TO BUILD A WIND-SHOT

The materials used in building a Wind Shot are basically:

- .75 oz. Ripstop
- 1.50 oz. Ripstop
- Graphite Spars
- Dacron Edge Tape
- Seat Belt Webbing

As I do not know what materials are available in America (I suspect considerably more than here) I will not go into exact details and leave the exact sorting out to the maker. Lighter materials can be used. I have built one kite out of 0.5 oz. ripstop and it flies in almost no wind at all!

MAKING THE SKIN

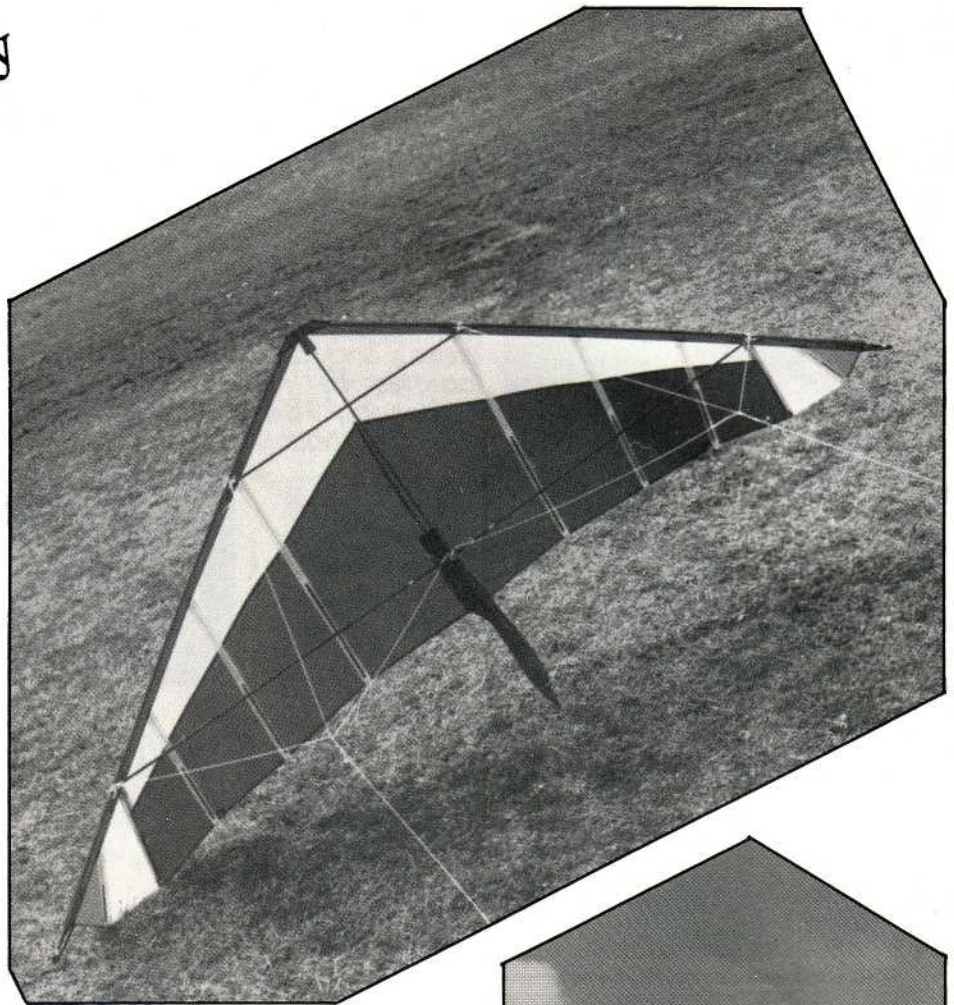
The graphics for this kite can be anything you want, although I suggest that you always have the grain running as shown on the diagram and that you include the main panel layout as suggested, as this allows the material to stretch to improve the airfoil, in a similar way that sail designers incorporate panels into a spinnaker.

BATONS AND BATON POCKETS

Making the batons is the hardest part. I have made use of graphite spars that I have split in kiting accidents. Using the broken rods I split them thinly using a hobby knife then carefully removing the main splinters with a large rag by drawing the split rod through the rag. Use much caution when doing this, preferably wearing thick gloves. Do not sand the rods as this only sends graphite dust into your lungs! I then paint the rods with a thin coating of lacquer to stop splinters.

Batons could be made of other material as long as it is very light, flat and quite stiff as are the split rods.

Baton pockets are made with strips of 1.5 oz. ripstop 20mm wide. I make a small pocket at the bottom end of a strip about 1 cm long and cut a hole with a hot knife about half way up the strip. Sew this flat on the kite before sewing on the leading edge pocket.



BRIDLES

The way I have set the bridles is to use one length of line from the top spreader to the bottom spreader and another piece to go from the central intersection of back bone and bottom spreader to the first line mentioned and join with a larks head knot which can easily be adjusted. To find the correct flying position use trial and error.

The lengths I have used are:

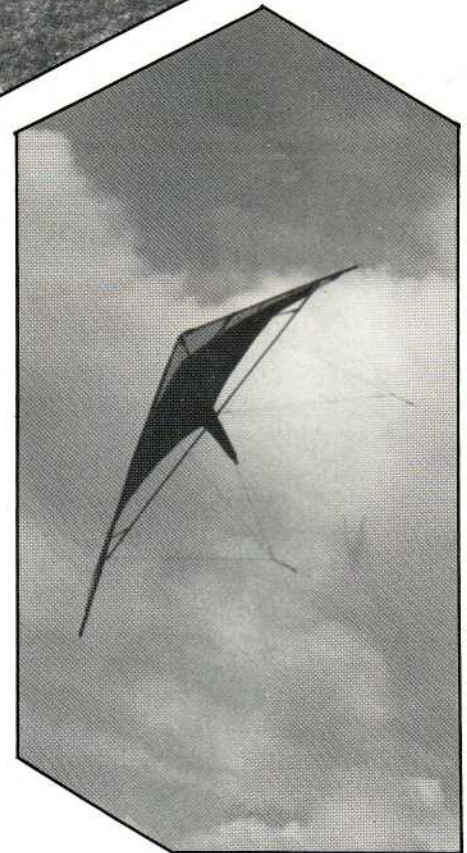
163 cm for the length from top spreader the bottom spreader;

91 cm for the other length.

ALL THE REST OF THE KITE

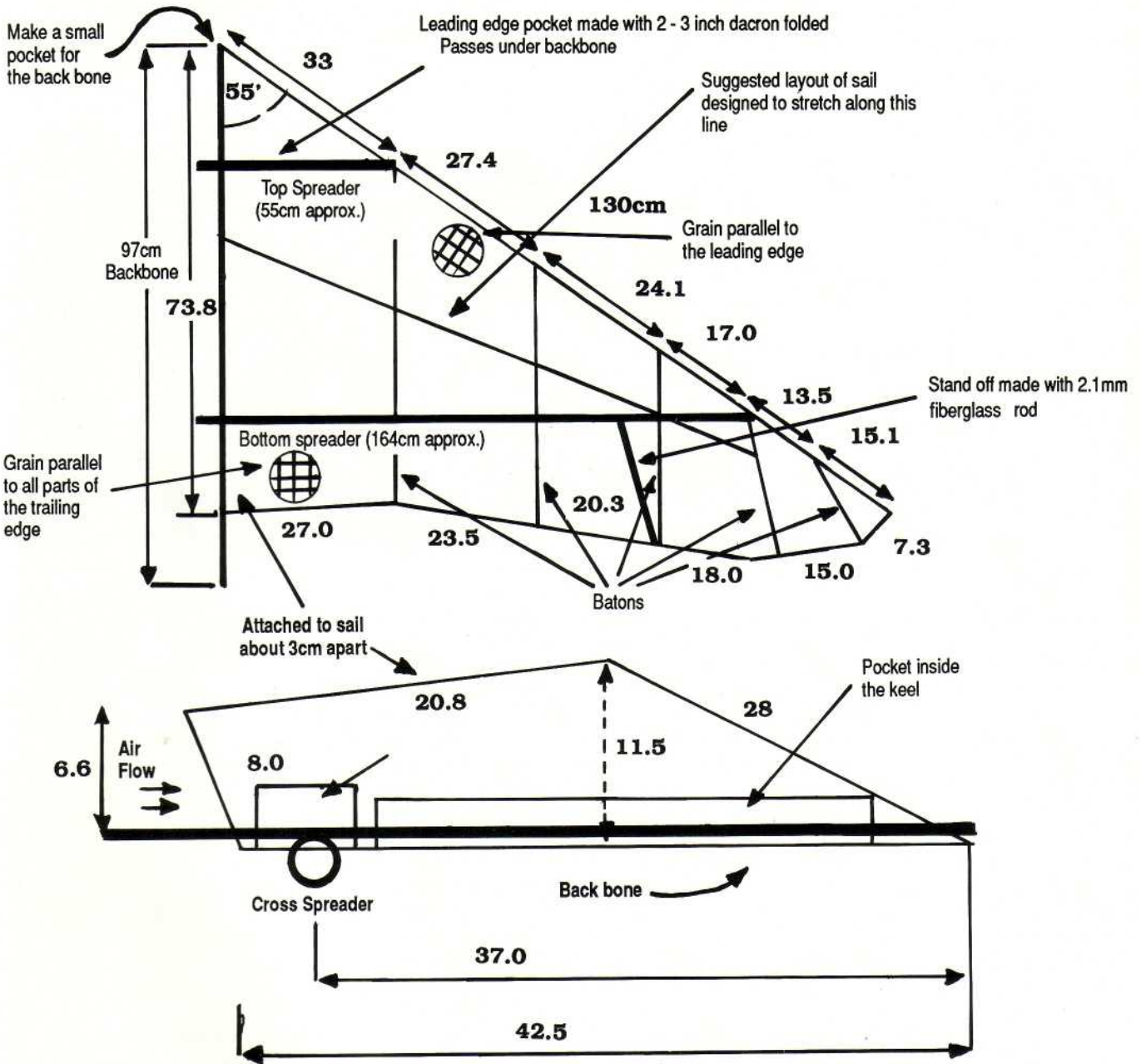
This is up to the kite maker and depends on the equipment and methods available. The backbone and the keel are set so that the central part of the kite just hangs a little when held by the bridle lines.

Well that's the Wind-Shot. I have found it to be an excellent kite to fly especially in light winds which I think is due to the improved wing shape. Also it is a quiet kite with some noise coming from the trailing edge near the keel.

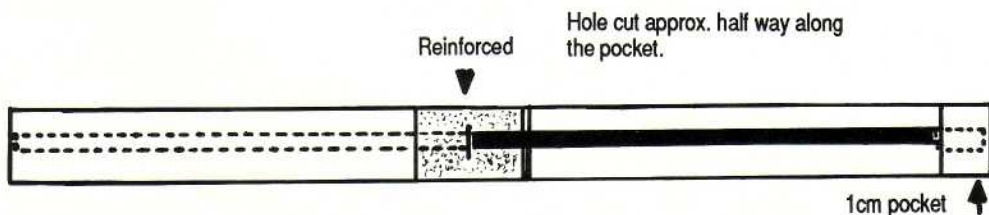


I hope you get a chance to build a Wind-Shot and I would be interested in any comments you have. I have enclosed a photo of the very light wind model I built.

Fair winds,
Mark Lohrey
Melbourne, Australia



Keel is not to scale. Cut a piece such that two of this shape are made with a fold along the edge for the backbone (not cut) then make a pocket along the middle, cut a square for the intersection of the backbone and spreader (reinforce this area with dacron). Join to sail with reinforcing on the back of sail. The bottom edges should be joined 3cm apart centered at the base of the sail.



Baton Pocket

Pocket is stitched flat to the front of the kite and baton is inserted through the cut hole (cut hole before sewing!) Reinforce both ends or fit end caps to the battons.



MODEL: IMPALA
FABRIC WEIGHT: .75 oz. ripstop nylon
FRAMING MATERIALS: graphite
COLORS AVAILABLE: varied
WIND RANGE: 2-25 MPH
CONFIGURATION: delta-type (106 inch wingspan)
MFGR's SUGGESTED RETAIL: \$159.95
MANUFACTURER: K-LINE KITES

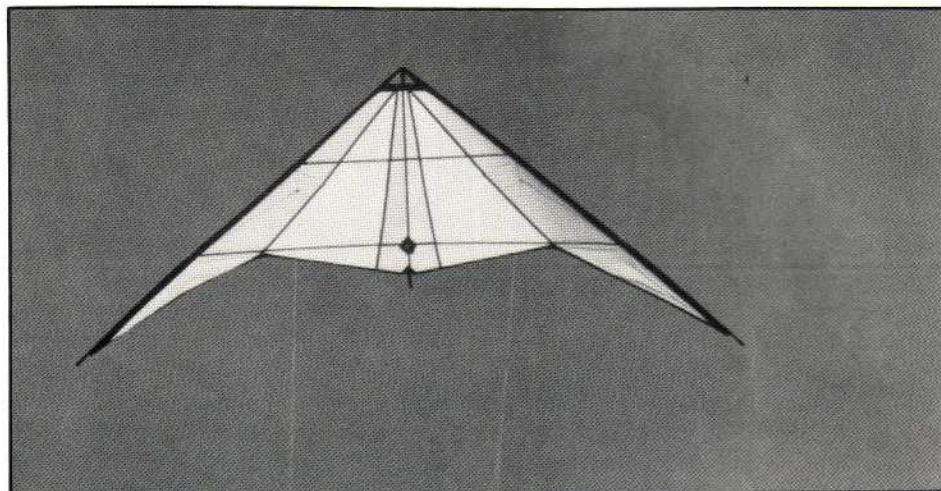
The Impala from K-Line Kites is an interesting package of design work. We had our first look at the kite when it arrived late this past summer and assessed it as somewhat odd-looking. The large center panel coupled with the small, almost knife-like wing ends made it appear ungainly.... Definitely a light wind kite. During one of the low-wind lulls over a long weekend we decided to pull it out of the bag and see what it might be able to do. It was at this point that the proverbial ugly duckling turned into the swan.

Working in breezes that rarely passed 5 mph, the Impala virtually leapt into the air. At first, we were taken aback somewhat by the kite's responsiveness, but then, remembering owners Kathy and Ken Kihlman's accompanying letter, began to agree with what they had said about the kite ... "it spins on the edge in light wind and will tip stand all day." Indeed, that is nearly to the letter what the Impala did.

The kite's oversized center panel quickly gathers in whatever available wind exists with the small, sharp wingtips acting as rudders. There was virtually no maneuver which the Impala was unable to accomplish. It was possible to hover the kite at nearly any height chosen on the sides of the wind. Movement either up or down could be done as quickly or slowly as possible, with complete control. We believe that the Impala's tip standing ability is limited only by the time that the pilot wishes to maintain it. Turning was as precise.

Although it is not a particularly fast kite, the Impala gives enough speed so as not to be boring. This is a factor that doesn't change much as the wind increases.

Owing, again, to the increased center panel size, the standoffs are located rather further outboard than usual. This placement also improves the Impala's turning potential. Turns on a less-than-wingtip radius are achievable with practice.



First-time handlers will also experience a diminished pull for a kite of this size. There are a couple of factors which may contribute to this phenomena. The sail of the Impala is open at the nose area, the spine rod being tensioned into the kite's nose by strips of elastic which attach to the bottom of an abbreviated sleeve. This lack of a more "solid" attachment between the spine spar and leading edges results in an air-dam which helps create additional lift. It also allows the passage of some of the air through the sail at that point, while allowing the kite to remain flexible ... an asset during unintentional groundings.

The innovations don't end there ... who among us has not experienced the frustration of trying to cram a kite into its bag only to find that the troublesome T-fitting is just too darned large for the bag! Not a problem for the Impala. The T-assembly simply rotates to line up with the spine spar and the whole unit slips right in ... neat!

On the negative side of the ledger, the graphite rods used in the Impala could be a bit heavier. There is a bit of shudder that shows up as the upper level winds (mid-20's) are reached. This is not a major problem and can be relieved somewhat by minor bridle

changes. We did find, however, that because the kite does so exceptionally well on ground work, the flier will inevitably wind up spending a lot of time polishing that particular aspect of his performance. This can bring more than normal amounts of pressure to bear on wing rods. On the other hand, if you're not into that sort of thing, the stock rods will probably do the trick.

Workmanship on the Impala is generally excellent. Reinforcement has been added at major stress points and the sail is well-sewn. We noticed on the models received that the upper bridles were attached to leading edge spars above the vinyls and had a tendency to slide up during flight. K-Line has informed us that subsequent units will have them attached so as to prevent this.

The Impala is a straight-forward, no-nonsense kite. It presents a clean appearance both on the ground and in flight. If you are in the market for a low-wind kite that can with ease handle breezes into the 20's, the Impala can fill the bill. If you find that ground work is more than a small part of your kite routine, this kite may be one of the better alternatives around!

CB/SB



MODEL: PHANTOM BANTAM
FABRIC WEIGHT: .75 oz. ripstop nylon
FRAMING MATERIALS: graphite
COLORS AVAILABLE: varied
CONFIGURATION: delta-type (70 inch wingspan)
MFGR's SUGGESTED RETAIL: \$190.00
MANUFACTURER: HIGHFLYERS

Somewhere deep inside most people there is a barely suppressed urge to own a sports car. It's not enough that it be small ... or sleek ... or brightly colored. No. "... a slight inclination of his left hand sent the Maserati into the curve. Accelerating smoothly to 152 miles per hour, he glanced briefly at the figure stretched out next to him ..." You know ...

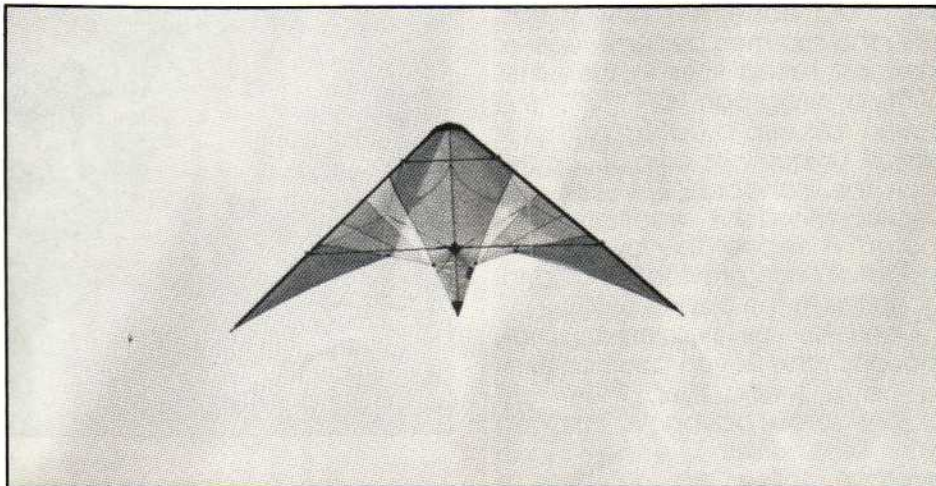
There is a kindred feeling in the experience of high-wind flight. There are many wings that can be tried but few that will achieve that desired harmony between the flyer and the flown. Nearly always something stands in the way: distortion, wobble, slurring, or some other condition that comes between the pilot and that elusive element of controllability.

The Bantam, from Highflyers, may just be the best effort yet in the pursuit of that "feeling." Over the past year, we have had chances to fly this little kite in nearly every wind condition.

Although not its forté, the Bantam's ability to function in low wind surprised us. Possessing a wingspan of only 70 inches, one would expect only minimal performance in low wind. Yet, with breezes barely topping the 4mph mark, the Bantam turns in credible marks.

From the low teens, the Bantam's performance level increases until, in the high 20s, it is purely a test of ability to keep pace with it. This it does with an absence of distortion or uncontrollability. It is capable of matching every reaction of the pilot and will do so faultlessly, even if that reaction is erroneous. In that regard, the Bantam may be viewed by some as unforgiving.

That it is blindingly fast is a given: after all, the sail is small and taut. In spins, the Bantam becomes a blur of color. Once the wind breaches the 20mph barrier, there is little hope of coming out of a close-to-the-ground spin without



either a true "feel" for both kite and wind, or vast amounts of good fortune.

Angled turns are performed with incredible speed and letter-perfect precision. The Bantam in high wind is not a kite for the slow-handed. It will devour those with dulled reaction times without ceremony. We became used to "prethinking" turns and actually even "leading" them on occasion.

Wingtip and edgework are handled in the same manner as the Bantam's larger counterpart, the "regular size" Phantom. Comparable, as well, is the attention to detail found in the construction of the kite. Seams are arrow straight. Reinforcement has been added at all of the proper stress points. Even the tail of the Bantam has been bolstered by the addition of webbing. The standoffs are applied in, perhaps the cleanest fashion currently produced. There are stoppers to prevent slippage of either upper or lower leading edge vinyls.

From a purely aesthetic viewpoint, we have yet to see a sail color combination that we haven't liked. In fact, through the entire evaluative process, we were only able to find two very

minor "nits." The first of these is that the sail is secured to the wingtips by use of an O-ring which fits through a vinyl end cap. This O-ring abutts the bare end of a graphite wing rod. This may present itself as a problem for flyers attempting a lot of ground work.

The second item is merely one of personal preference. Both the Bantam and the Phantom make use of one-piece O-rings to attach flying lines to the bridle. Most other kites use a split clip of some sort. Realizing that many flyers use clips on the end of their lines, it probably isn't a significant point ... but those who choose to larkhead their flying lines to the kite bridles will want to carry a pair of clips for flying these particular models.

The Bantam is not a kite for the weak of heart. Nor will it serve the ponderous flyer well in high winds. It will be vewed by some as unforgiving. For the flyer, however, that is capable of matching his speed with that of the wind, the Bantam will prove a perfect partner; following each move with equal precision. In the final analysis ... isn't that what it's all about? We certainly think so!

CB/SB



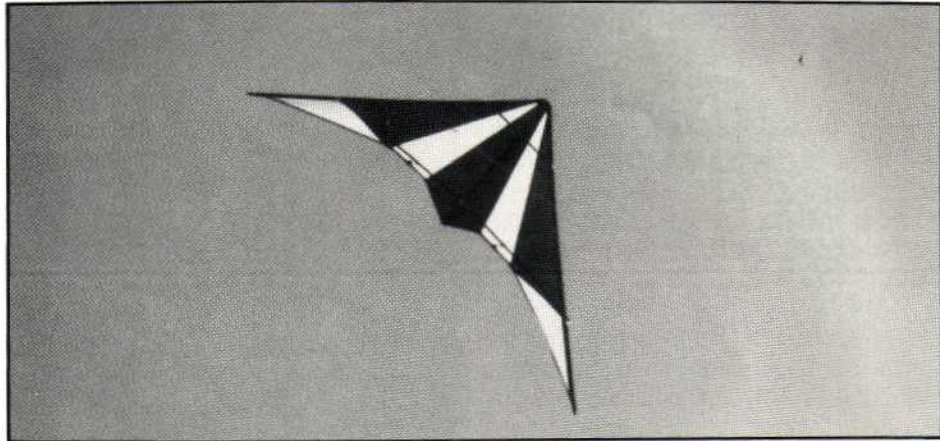
MODEL: RAVEN
FABRIC WEIGHT: .75 oz. ripstop nylon
FRAMING MATERIALS: filament-wound (fiberglass)
COLORS AVAILABLE: varied
CONFIGURATION: delta-type (87 inch wingspan)
MFGR's SUGGESTED RETAIL: \$104.00
MANUFACTURER: TORI TAKO (Kite Pit)

The Raven was introduced by Tori Tako, a.k.a., The Kite Pit, during last January's KTA. During our tests, we could easily see how it has, over the summer, become one of the best selling kites in their line. With a wingspan of 7'3", the Raven falls into a category that is almost uniquely its own. It's larger than the standard "3/4" kite, yet smaller than the traditional "8-footer." A respectably low suggested retail price provides additional incentive to the buying public.

Don't just be swayed by that, though ... the Raven also happens to be a terrific flyer. There are usually some paybacks involved with kites utilizing smaller than average sails. One of these is diminished bottom end performance: the kites simply are not designed for low-wind usage. Happily, this does not apply with full force to the Raven. Although it required a light touch, we found that we could reach acceptable levels down to the 4-6 mph range. It's no speed demon under these conditions, but it WILL fly.

The actual working range for the Raven would seem to fall in a wider spectrum of 7 mph to near 20. Even small increases in wind speed produce accentuated results in the flight performance. The kite is characteristically fast ... it even LOOKS fast.

Working the Raven through the gamut of turns, landings, launches, and take-offs showed only minor difficulties. There can be a significant amount of oversteer if the kite is pulled into a turn too quickly. This is particularly apparent if the flyer is more used to "pull" turns than "push" turns. The bridling of the kite is set closer to the outboard than the spine and serves to emphasize the touchiness of control. It is a flight attribute that often surfaces in particularly nimble kites. This is the other side of the coin: the Raven is extremely maneuverable. A touch of oversteer seems to be a justifiable price to be paid for a higher performance level.



Once the flyer comes to grips with this minor inconvenience, the Raven's other attributes are there to be enjoyed. This kite is very quick with exceptional turning ability. We were able to accomplish the dreaded descending staircase maneuver with ease on only 90' lines.

If speed happens to be your pursuit, the Raven will offer plenty of it. In fact, it is one of the quicker kites that we have tested. As the wind reached into the upper limits (24+), the kite exhibited only minor distortion, nothing like one might expect from a larger unit. There was a trace of shakiness in conditions above the mid-20's.

We tested the Raven on differing line lengths that ranged from 75' to 125' and, generally found that our personal preference was about 100' of 135lb. Spectra. It may be well to note that the kite can be a real armload in significant winds. It makes us think that a stack of these fellows might be just the way to go for both power and maneuverability.

The quality involved in the production of the Raven is good. The sail is both attractive and well-constructed. Reinforcing has been added at stress points on the trailing edge as well as around the spine T-fitting. Wingtip arrow nocks have been heated and "flattened" around the bunji cord.

This would appear to have the effect of extending the life of the fitting. Interestingly, the inserts are not glued into the leading edge spars. The same heating and flattening process has been used in the mounting of the standoff spars.

There are only a couple of minor detriments which we would address. There are no stoppers on the leading edge spars. This could result in a shifting of the vinyls as the kite distorts in heavy winds or as the vinyls begin to show signs of wear...

The bridle attachment at the T-fitting secures the bridle to the lower spreaders in a crossing arrangement which we understand. The lines are then attached to the actual vinyl T by means of a tied bunji cord, which we don't understand. It would seem more reasonable to attach the bridles in criss-cross fashion directly to the spine where the contact is more positive.

All of that notwithstanding, the Raven is a ball to fly. It is fast, responsive, and as precise as the flyer's touch. We think that the stacking possibilities here are tremendous, as well. That the Raven has done so well in the sales column is no great surprise. It's more than a good kite for the money ... it's a good kite, period!

CB/SB

SECOND ANNUAL BELMONT SPORT KITE CHAMPIONSHIPS August 11-12, 1990

INDIVIDUAL PRECISION - EXPERIENCED (Heat 1)

1. Bob Crawford	88.80*
2. Laurie Richey	82.20*
3. Erik Erickson	81.53*
4. Tom Allen	78.67
5. Klyph McCormick	77.67
6. Fujita Yoshihiro	72.67
7. Greg Hernandez	66.63
8. Tom Emery	66.00
9. Ron Thorpe	63.93
10. Tamara Joyce	62.80
11. George Baskette	61.53
12. Barry Nash	59.67
13. Jeff Pilon	57.13
14. Gerald Winn	57.00
15. Charles Lewis	50.67

*Advanced to finals

INDIVIDUAL PRECISION - EXPERIENCED (Heat 2)

1. Ron Ho	75.40*
2. Chuck Bradford	73.53*
3. Jon Aroesty	72.13*
4. Erik Osterlund	71.93
5. Wendy Cullins	70.07
6. Rick Baker	68.93
7. Kobi Eshun	67.87
8. Kathi Larrabee	66.07
9. Seth Goldman	63.40
10. Eric Olase	57.47
11. Martin Dougherty	56.53
12. Jose Sainze	49.07
13. Bill Mladenka	44.40

*Advanced to finals

INDIVIDUAL PRECISION - EXPERIENCED (Heat 3)

1. Kenneth Lanius	81.73*
2. Derek Moran	80.53*
3. Steve Steel	76.53*
4. Ted Dougherty	72.20
5. Keith Anderson	70.93
6. Ken Osterlund	70.60
7. Mike Minor	70.27
8. John Margozzi	68.33
9. Bob Carlson	68.00
10. Howard Brile	65.33
11. Jim "Mouse" Richey	61.07
12. Pete DiGiacomo	54.93
13. Todd Hackney	51.93
14. Nancy Lizza	51.60
15. Ray Hasenstab	50.87

*Advanced to finals

INDIVIDUAL PRECISION - EXPERIENCED (Final)

1. Ron Ho	91.42
2. Eric Erickson	90.42
3. Derek Moran	90.17
4. Kenneth Lanius	89.50
5. Laurie Richey	88.25
6. Chuck Bradford	87.92
7. Jon Aroesty	86.92
8. Steve Steel	86.75
9. Bob Crawford	68.42

INDIVIDUAL BALLET - EXPERIENCED (Heat 1)

1. Nancy Lizza	90.90*
2. Lorna Buxton	88.30*
3. Steve Steel	86.77*
4. Mike Minor	81.93
5. Laurie Richey	77.90
6. John Margozzi	75.83
7. Howard Brile	74.83
8. Ted Dougherty	73.13

9. Keith Anderson	71.60
10. Ray Hasenstab	70.47
11. Chuck Bradford	68.00
12. Eric Olase	63.80
13. Ken Osterlund	62.33
14. Erik Osterlund	53.87

*Advanced to finals

INDIVIDUAL BALLET - EXPERIENCED (Heat 2)

1. Kathi Larrabee	95.57*
2. George Baskette	94.30*
3. Ron Thorpe	94.03*
4. Gerald Winn	77.50
5. Tamara Joyce	75.07
6. Pete DiGiacomo	71.83
7. Klyph McCormick	71.10
8. Jeff Pilon	70.80
9. Erik Erickson	68.50
10. Jose Sainze	62.27
11. Barry Nash	58.87
12. Jim "Mouse" Richey	52.50

*Advanced to finals

INDIVIDUAL BALLET - EXPERIENCED (Final)

1. Kathi Larrabee	92.87
2. Ron Thorpe	91.00
3. Nancy Lizza	85.57
4. Lorna Buxton	83.00
5. George Baskette	80.23
6. Steve Steel	74.07

INDIVIDUAL PRECISION - OPEN (Heat 1)

1. Pam Kirk	85.67*
2. Don Tabor	77.80*
3. Eric Streed	74.60*
4. Mark Goldberg	71.60
5. Miguel Rodriguez	70.73
6. Gary Woods	70.53
7. Randy Tom	69.67
8. Robin Ward	69.00
9. Ray Wong	62.53
10. Vince Bobrosky	61.93
11. Mike Montoya	61.07
12. Brian Fyfe	59.60
13. Darrin Skinner	58.20
14. Cris Batdorff	55.20

*Advanced to finals

INDIVIDUAL PRECISION - OPEN (Heat 2)

1. Ron Reich	87.33*
2. Phil Bazell	84.93*
3. Scott Augenbaugh	82.07*
4. Michael Dennis	80.73
5. Vern Balodis	78.67
6. Alan Nagao	77.07
7. Mike Sterling	71.20
8. John Oliver	68.13
9. Dan Buxton	67.60
10. Doug Scott	63.13
11. Skip Parks	59.87
12. Susan Fontenot	56.53

*Advanced to finals

INDIVIDUAL PRECISION - OPEN (Final)

1. Ron Reich	94.83
2. Pam Kirk	93.42
3. Don Tabor	88.42
4. Scott Augenbaugh	87.25
5. Eric Streed	86.58
6. Phil Bazell	69.75

INDIVIDUAL BALLET - OPEN (Heat 1)

1. Scott Augenbaugh	92.97*
2. Miguel Rodriguez	87.27*
3. Malcolm Moore	86.40*
4. Brian Fyfe	84.30*
5. Brian Hirose	84.00*
6. Vern Balodis	83.43
7. Mike Montoya	82.67
8. Alan Nagao	80.57

9. Vince Bobrosky	79.93
10. Dan Buxton	78.70
11. Darrin Skinner	76.70
12. John Oliver	75.70
13. Kelly Smith	74.83
14. Doug Scott	74.23

*Advanced to finals

INDIVIDUAL BALLET - OPEN (Heat 2)

1. Ron Reich	92.43*
2. Cris Batdorff	88.77*
3. Don Tabor	86.97*
4. Michael Dennis	83.37*
5. Eric Streed	81.93*
6. Phil Wiltz	81.03
7. Pam Kirk	80.60
8. Ray Wong	79.77
9. Mark Goldberg	78.07
10. Robin Ward	76.70
11. Skip Parks	74.30
12. Susan Fontenot	69.57

*Advanced to finals

INDIVIDUAL BALLET - OPEN (Final)

1. Scott Augenbaugh	92.67
2. Ron Reich	89.37
3. Don Tabor	89.03
4. Cris Batdorff	85.67
5. Brian Hirose	81.40
6. Miguel Rodriguez	80.60
7. Eric Streed	79.23
8. Michael Dennis	78.07
9. Malcolm Moore	77.40
10. Brian Fyfe	73.70

TEAM PRECISION - EXPERIENCED (Final)

1. Tsumani Precision	81.53
2. Team Bohica	78.90
3. Windjammers-Ocean Beach	77.27
4. Zephyrus	74.78
5. Tori Tako	70.58
6. Top Duck	68.33
7. TBA	65.97
8. Killer Bees	64.55

TEAM BALLET - EXPERIENCED (Final)

1. Zephyrus	85.63
2. Tsunami Precision	83.20
3. Team Bohica	82.93
4. Killer Bees	76.33
5. Top Duck	75.30
6. The Brothers	67.63

TEAM PRECISION - OPEN (Final)

1. Top of the Line	93.55
2. Prevalling Winds	92.10
3. High Performance	81.58
4. Elite Flight Team	78.02
5. Air Art	76.38
6. What's Up	72.05

TEAM BALLET - OPEN (Final)

1. Top of the Line	96.47
2. Prevalling Winds	93.03
3. High Performance	83.70
4. Elite Flight Team	80.07
5. Bay Area Sundowners	77.01
6. What's Up	73.20
7. Elite #2	71.03
8. Deja Vu	69.80

QUAD-LINE PRECISION - OPEN (Final)

1. Erik Erickson	82.80
2. Scott Augenbaugh	82.77
3. Alan Nagao	82.43
4. Jeff Pilon	80.50
5. Greg Hernandez	70.93
6. Anthony Hilliard	65.63
7. Charles Lewis	65.37
8. Robert Angelo	54.70

New York Stunt Kite Championships August 18-19, 1990

INDIVIDUAL PRECISION - NOVICE (Final)

1. Karen Origlio	34.55
2. Andrew Minikes	32.60
3. P. Matthew Dillon	30.30
4. Chuck Stekler	22.25
5. B. Baiser	21.85
6. Joy Dinizio	21.00
7. Omar Pesantes	18.30
8. Mike Fehling	5.45
9. W. Gatti	4.86
10. Nancy Rickman	1.75
11. Dominick Curatola	1.50

INDIVIDUAL PRECISION - INTERMEDIATE (Final)

1. John Smith	37.95
2. Steve Peple	37.30
3. Marty Sasaki	35.40
4. Quinn Rickman	33.15
5. Carlton Watkins	32.60
6. Thomas Kohlberg	31.65
7. David Baylen	31.55
8. Mike Coppoto	29.35
9. Robert Edison	29.00
10. Chris Belli	27.10
11. Chester Howell	19.05
12. Randy Gertz	17.95
13. Tom Dogery	17.55

INDIVIDUAL BALLET - INTERMEDIATE (Final)

1. Steve Peple	77.93
2. Chris Belli	76.70
3. Quinn Rickman	75.66
4. John Smith	73.43
5. Marty Sasaki	71.96
6. Thomas Kohlberg	68.70
7. Robert Edison	68.40
8. Randy Gertz	61.40
9. Chester Howell	59.53

INDIVIDUAL PRECISION - EXPERIENCED (Final)

1. Bob Hanson	83.88
2. Bob Childs	78.83
3. Mike Simmons	75.41
4. Steve Santos	75.28
5. Dave Barresi	74.88
6. Rich Yedinak	71.85
7. Dave Malloy	71.48
8. George Baskette	71.01
9. Brian Vanderslice	69.88
10. John Tivolacci	67.48
11. Brad Ruud	65.98
12. John MacLauchlan	65.55
13. Chris Schultz	65.23
14. Mike Chwalyk	61.48
15. Steve Negen	59.66
16. Gary Gertz	58.43
17. Mike Lathrop	56.65
18. Dan Loughlin	54.00
19. Calvin Mills	38.26
20. Eric Adamusko	32.16

INDIVIDUAL BALLET - EXPERIENCED (Final)

1. Bob Childs	84.06
2. Steve Negen	82.53
3. Bob Hanson	82.20
4. George Baskette	81.96
5. Dave Malloy	81.70
6. Dave Barresi	81.10
7. Brian Vanderslice	79.70
8. John Tivolacci	77.70
9. Steve Santos	74.86
10. Chris Schultz	74.16
11. Mike Lathrop	74.03
12. Ted Dougherty	73.33

13. Rich Yedinak	72.90
14. Eric Adamusko	72.60
15. Mark Ricketts	72.06
16. Brad Ruud	72.00
17. John MacLauchlan	71.06
18. Gary Gertz	69.36
19. Mike Simmons	69.13
20. Dan Loughlin	66.93
21. Calvin Mills	66.26

INDIVIDUAL PRECISION - MASTERS (Final)

1. Rod Tanis	37.50
2. Dan Buxton	36.85
3. Frank Fieseler	36.15
4. Eric Wolff	35.65
5. Vern Balodis	35.60
6. Mike Jones	35.55
7. Bill Beneker	35.15
8. Cris Batdorff	35.05
9. Pete Dolphin	35.00
10. Susan Fontenot	34.30
11. Brian Keating	33.15
12. Ralph Offredo	29.20

INDIVIDUAL BALLET - MASTERS (Final)

1. Dan Buxton	85.73
2. Eric Wolff	84.00
3. Vern Balodis	83.43
4. Cris Batdorff	82.50
5. Mike Jones	81.56
6. Frank Loudenslager	76.46
7. Susan Fontenot	76.03
8. Arlene Anderson	75.70
9. Ralph Offredo	75.20
10. Pete Dolphin	73.13
11. Bill Beneker	71.50
12. Joe Peron	70.30

TEAM PRECISION - EXPERIENCED (Final)

1. High Flyers	72.93
2. Big City Kites	16.15

TEAM BALLET - EXPERIENCED (Final)

1. The Edge	84.16
2. High Flyers	75.80
3. Sandy Hookers	74.00
4. Big City Kites	61.06
5. The Dune Boys	50.50

TEAM PRECISION - MASTERS (Final)

1. Chicago Fire	77.80
2. Roaring Flamingos	74.35
3. Evolutionary Sky Bandits	70.10

TEAM BALLET - MASTERS (Final)

1. Chicago Fire	79.83
2. Deja Vu	75.16
3. Evolutionary Sky Bandits	73.93
4. Roaring Flamingos	72.33
5. Team A-Roar-A	62.63

INDIVIDUAL QUAD-LINE - OPEN (Final)

1. Bob Hanson	82.96
2. Frank Fieseler	75.16
3. Brian Keating	74.78
4. Calvin Mills	74.16
5. Ted Dougherty	72.56
6. Eric Wolff	72.10
7. Rod Tanis	68.16
8. Brad Ruud	66.83
9. Dave Malloy	63.86
10. Dave Simpson	51.96

INDIVIDUAL INNOVATIVE - OPEN (Final)

1. Dave Simpson	78.80
2. Brian Keating	73.48
3. Brian Vanderslice	72.51
4. John MacLauchlan	72.21
5. Bill Beneker	66.65
6. Joe Perron	61.10

Northwest Michigan Stunt Competition August 25-26, 1990

INDIVIDUAL PRECISION - JUNIOR (Final)

1. Chris Weiden	65.8
2. Nicholas Tiedeman	49.5

INDIVIDUAL PRECISION - NOVICE (Final)

1. Dennis Martin	75.37
2. John Besson	73.82
3. Tom Humpert	73.00
4. Tim Weiden	71.02
5. Charlie Swain	69.38
6. Dave Lakos	69.12
7. Robyn Gardner	67.60
8. Ken McNeil	66.70
9. Terry McPherson	60.52
10. Bob Swain	54.58
11. Mike Swain	51.17

INDIVIDUAL PRECISION - EXPERIENCED - (Final)

1. Harlen Linke	79.50
2. Mike Mulroy	77.63
3. Clyde King	77.42
4. Matt Weiden	74.25
5. Jon Trennepohl	70.72
6. Dan Gutowski	63.22
7. Aaron Harris	63.08
8. Richard Gardner	61.10
9. Roger Frerichs	38.73

INDIVIDUAL BALLET - EXPERIENCED (Final)

1. Harlen Linke	73.80
2. Mike Mulroy	73.17
3. Jon Trennepohl	68.97
4. Clyde King	66.73
5. Dennis Martin	66.13
6. Jon Sam II	66.03
7. Matt Weiden	66.00
8. Rob Swain	63.83
9. Charlie Swain	63.13
10. Aaron Harris	62.00
11. Roger Frerichs	55.17

INDIVIDUAL PRECISION - OPEN (Final)

1. Cris Batdorff	88.15
2. Susan Fontenot	82.92
3. Gary Maynard	82.25

INDIVIDUAL BALLET - OPEN (Final)

1. Cris Batdorff	85.67
2. Gary Maynard	81.70
3. Susan Fontenot	78.67

TEAM PRECISION - EXPERIENCED (Final)

1. Screaming Seagulls	76.85
2. Skyburners	64.96
3. Hobby House	58.11

TEAM BALLET - EXPERIENCED (Final)

1. Screaming Seagulls	70.80
2. Hobby House	67.10

PAIRS BALLET - EXPERIENCED (Final)

1. Skyburners	77.47
2. Screaming Seagulls	64.33

PAIRS BALLET - OPEN (Final)

1. Deja Vu	83.37
2. Windjammers	61.73

Boston Area Stunt Kite Championships

INDIVIDUAL PRECISION - NOVICE

(Final)

1. Joshua Connell	77.1
2. Karen Wood	76.1
3. Steve Fitzgerald	72.9
4. Andy Minikes	70.4
5. Laura Cary	67.0
6. Madelene Howell	42.9

INDIVIDUAL PRECISION - INTERMEDIATE (Final)

1. Quinn Rickman	83.1
2. Michael Connell	72.8
3. Dave Rollins	66.9
4. Stuart Wood	66.7
5. David Wolfe	66.0
6. Jody Moffet	60.9

INDIVIDUAL BALLET - INTERMEDIATE - (Final)

1. Michael Connell	77.9
2. David Wolfe	74.8
3. Chris Wales	73.4
4. Quinn Rickman	72.5
5. Chester Howell	69.1
6. Paul Phillips	69.0

INDIVIDUAL PRECISION - EXPERIENCED - (Final)

1. Bob Hanson	91.2
2. David Barresi	87.8
3. Sue Edison	84.6
4. Charles Walker	83.9
5. Brad Ruud	81.8
6. Steve Santos	80.8

INDIVIDUAL BALLET - EXPERIENCED - (Final)

1. George Baskette	88.4
2. Bob Hanson	84.8
3. David Barresi	83.9
4. Charles Walker	81.3
5. Steve Santos	76.0
6. Sue Edison	75.3

INDIVIDUAL PRECISION - MASTERS (Final)

1. Cris Batdorff	83.2
2. Bill Edison	80.7
3. Susan Fontenot	71.6
4. Roger Chewning	71.3
5. Ralph Offredo	67.6

INDIVIDUAL BALLET - MASTERS (Final)

1. Bill Edison	87.7
2. Susan Fontenot	83.0
3. Ralph Offredo	77.9
4. Arlene Anderson	75.2
5. Frank Loudenslager	75.0
6. Rodger Chewning	73.6

TEAM PRECISION - EXPERIENCED - (Final)

1. High Flyers	81.7
2. Black Sheep Squadron	75.2
3. On a Whim and a Prayer	71.9
4. Sky Ratz	56.8

TEAM BALLET - EXPERIENCED (Final)

1. Edison Flight & Power	84.3
2. High Flyers	83.5
3. Natural High	71.1
4. Big City Kites	60.5
5. Takes Two to Tangle	44.2

TEAM BALLET - MASTERS (Final)

1. A-Roar A	86.0
2. Deja Vu	84.7
3. Thunder Hawq	79.7

INDIVIDUAL INNOVATIVE - OPEN - (Final)

1. Dave Simpson	79.0
2. Bob Glover	76.3
3. Bob Hanson	74.8
4. Joe Perron	71.8
5. Bill Edison	68.8

INDIVIDUAL QUAD-LINE - OPEN - (Final)

1. Bob Hanson	70.9
2. Bill Edison	65.9
3. Brad Ruud	64.6
4. Stuart Wood	62.7
5. Jody Moffet	61.3
6. David Alcantara	55.0

13th Annual AKA Grand Nationals Results

INDIVIDUAL PRECISION - EXPERIENCED (Heat 1)

1. Bob Hanson	83.07*
2. Kathi Larrabee	82.60*
3. Takumi Hagiuda	80.20*
4. Mike Pedersen	79.67
5. Yauiko Fujimari	78.60
6. Laurie Richey	78.47
7. David Molloy	77.87
8. Katsumi Murakami	77.07
9. Kamika Ishida	75.93
10. Ray Alter	74.87
11. Jon Trennepohl	74.67
12. Chris Blake	(tie) 73.47
13. Lam Hoac	(tie) 73.47
14. Jim Poy	57.73

*Advanced to finals

INDIVIDUAL PRECISION - EXPERIENCED (Heat 2)

1. Klyph McCormick	82.53*
2. Bob Carlson	81.13*
3. Jim Richey	80.53*
4. Chip Hewitt	80.33
5. Seiji Okino	79.13
6. Nancy Lizza	78.40
7. Brian Vanderslice	78.13
8. Barry Nash	78.00
9. Ichiro Kangko	77.20
10. John Weiner	77.07
11. Mike Simmons	75.20
12. Mike Mulroy	74.20
13. Sue Edison	71.20
14. Manabu Tsuchiya	67.67

*Advanced to finals

INDIVIDUAL PRECISION - EXPERIENCED (Heat 3)

1. Ryohel Shiohata	84.40*
2. Hideo Wakazawa	79.33*
3. Satoshi Ishida	79.20*
4. Chuck Bradford	76.67
5. Rod Guyette	76.00
6. Bob Childs	73.87
7. Masura Kazawa	71.67
8. Mike Barclay	70.67
9. John MacLaughlan	60.27
10. Lee Kanstrup	58.87
11. Sheri Alter	56.00

*Advanced to finals

INDIVIDUAL PRECISION - EXPERIENCED (Final)

1. Hideo Wakazawa	85.00
2. Bob Hanson	84.53
3. Ryohel Shiohata	84.53
4. Kathi Larrabee	81.47
5. Satoshi Ishida	77.60
6. Takumi Hagiuda	75.00
7. Klyph McCormick	72.20
8. Jim Richey	71.87

INDIVIDUAL BALLET - EXPERIENCED (Heat 1)

1. Brian Vanderslice	82.57*
2. Hideo Wakazawa	78.90*

3. Nancy Lizza	78.33*
4. Lorna Buxton	77.67
5. Ryohel Shiohata	77.40
6. Manabu Tsuchiya	76.87
7. Pete DiGiacomo	75.60
8. Barry Nash	75.57
9. Icharo Kanelco	71.03
10. Chip Hewitt	70.73
11. Mike Barclay	70.13
12. Lee Kanstrup	69.90

*Advanced to finals

INDIVIDUAL BALLET - EXPERIENCED (Heat 2)

1. Bob Hanson	87.18*
2. Bob Childs	83.83*
3. Chuck Bradford	74.95*
4. Jim Richey	74.58
5. Mike Pederson	73.12
6. Jon Reinschreiber	72.77
7. John MacLaughlan	72.28
8. Klyph McCormick	66.07
9. Jon Trennepohl	60.43
10. Katsumi Murakami	60.37
11. Sheri Alter	58.20
12. Ray Alter	55.90
13. Masaru Tazawa	55.13

*Advanced to finals

INDIVIDUAL BALLET - EXPERIENCED (Heat 3)

1. Kathi Larrabee	91.43*
2. Dave Molloy	89.53*
3. Laurie Richey	86.73*
4. Takumi Hagiuda	82.03
5. Kimka Ishida	80.07
6. Mike Simmons	76.90
7. Jim Poy	74.93
8. Yumiko Fujimori	73.97
9. Chris Blake	73.57
10. Rod Guyette	73.50
11. Seiji Okino	71.00
12. Lam Hoac	70.23

*Advanced to finals

INDIVIDUAL BALLET - EXPERIENCED (Final)

1. Kathi Larrabee	86.50
2. Hideo Wakazawa	84.90
3. Bob Hanson	79.60
4. Bob Childs	78.50
5. Brian Vanderslice	78.43
6. Dave Molloy	76.83
7. Laurie Richey	70.00
8. Nancy Lizza	68.30
9. Chuck Bradford	64.17

INDIVIDUAL PRECISION - OPEN (Heat 1)

1. Ron Reich	93.87*
2. Vince Bobrosky	88.20*
3. Cris Batdorff	(tie) 87.00*
3. Tomoyo Iwamoto	(tie) 87.00*
4. Roy Willson	78.53
5. Ray Wong	78.13
6. Miguel Rodriguez	74.20
7. Mike Sterling	71.87
8. John Oliver	70.80
9. Brian Fyfe	43.13

*Advanced to finals

INDIVIDUAL PRECISION - OPEN (Heat 2)

1. Scott Augenbaugh	89.30*
2. Don Tabor	85.13*
3. Frank Fieseler	84.73*
4. Sue Taft	82.13
5. Robert Loera	81.87
6. Darrin Skinner	78.30
7. Susan Batdorff	73.60

*Advanced to finals

INDIVIDUAL PRECISION - OPEN (Heat 3)

1. Billy Jones	83.40*
2. Alan Nagao	83.20*
3. Dan Buxton	82.93*
4. Eric Wolff	82.60
5. Pam Kirk	82.20
6. Eric Streed	79.93
7. Ede Sabo	79.87
8. Bill Edison	75.40

*Advanced to finals

INDIVIDUAL PRECISION - OPEN (Final)

1. Frank Fieseler	80.93
2. Dan Buxton	78.33
3. Don Tabor	77.20
4. Ron Reich	77.07
5. Vince Bobrosky	(tie) 76.80
5. Allan Nagao	(tie) 76.80
7. Billy Jones	76.20
8. Scott Augenbaugh	76.07
9. Tomoyo Iwamoto	74.47
10. Cris Batdorff	73.13

INDIVIDUAL BALLET - OPEN (Heat 1)

1. Eric Wolff	88.33*
2. Dan Buxton	82.00*
3. Eric Streed	77.40*
4. Susan Batdorff	76.03
5. Bill Edison	73.20
6. Rod Yarger	69.97
7. Brian Hirose	66.07
8. Robert Riley	54.60
9. Robert Loera	51.13

*Advanced to finals

INDIVIDUAL BALLET - OPEN (Heat 2)

1. Ron Reich	93.67*
2. Lee Sedgwick	92.80*
3. Cris Batdorff	90.70*
4. Roger Chewning	83.80
5. Billy Jones	83.30
6. Ray Wong	81.17
7. Brian Fyfe	79.90
8. Ray Bethell	72.93
9. Bill Baker	72.33
10. Pete Dolphin	71.33
11. Andy King	67.53

*Advanced to finals

INDIVIDUAL BALLET - OPEN (Heat 3)

1. Scott Augenbaugh	93.73*
2. Miguel Rodriguez	88.47*
3. Don Tabor	86.47*
4. Pam Kirk	86.03
5. Vince Bobrosky	85.30
6. Sue Taft	83.10
7. Frank Fieseler	82.40
8. Darrin Skinner	81.60
9. Tomoyo Iwamoto	76.60
10. Alan Nagao	74.73
11. Sarah Kent	67.23

*Advanced to finals

INDIVIDUAL BALLET - Open (Final)

1. Scott Augenbaugh	91.80
2. Eric Wolff	89.83
3. Ron Reich	89.20

4. Miguel Rodriguez	87.70
5. Dan Buxton	86.57
6. Don Tabor	86.00
7. Lee Sedgwick	80.50
8. Cris Batdorff	79.87
9. Eric Streed	77.10

TEAM PRECISION - EXPERIENCED (Final)

1. Killer Bees	90.40
2. Tsunami	83.42
3. Zephyrus	81.58
4. Team Ramjet	79.83
5. Perfect Chaos	79.50
6. High Flyers	79.05
7. Black Sheep Squadron	72.95
8. Cyborg	71.20
9. Tori Tako	68.87
10. Air Heads	67.77
11. Tokyo Winds	67.27
12. Wood Winds	66.52
13. Kite Fantasy (Hawaii)	60.25

TEAM BALLET - EXPERIENCED (Final)

1. The Edge	90.80
2. Edison Flight and Power	83.63
3. Killer Bees	83.13
4. Tsunami	82.47
5. Cyborg	82.10
6. Zephyrus	81.43
7. Perfect Chaos	78.90
8. High Flyers Bermuda Triangle	77.70
9. Team Ramjet	76.93
10. Tori Tako	76.07
11. Family Ties	75.73
12. Skyburners	75.37
13. Pacific Flyers	74.63
14. Wood Winds	73.72
15. Tokyo Winds	73.60
16. Kite Fantasy (Hawaii)	70.97
17. High Flyers	69.43

TEAM PRECISION - OPEN (Final)

1. Prevailing Winds	90.70
2. Top of the Line	89.88
3. Chicago Fire	88.27
4. High Performance	85.50
5. Air Art	75.07
6. The Blitz	73.28
7. Team Peregrine (Stunts R Us)	71.02

8. Rising Stars	66.47
9. What's Up	62.40

TEAM BALLET - OPEN (Final)

1. Top of the Line	94.23
2. Prevailing Winds	91.70
3. Chicago Fire	90.77
4. High Performance	81.23
5. The Blitz	81.20
6. Bay Area Sundowners	80.73
7. What's Up	78.27
8. Vancouver High Flyers	77.87
9. Kite Fantasy	77.20
10. Elite Team	76.90
11. Stunts R Us (Team Peregrine)	76.53
12. Deja Vu	76.53
13. Rising Stars	73.67

INDIVIDUAL INNOVATIVE - (Final)

1. Lee Sedgwick	89.63
2. Alan Nagao	78.32
3. Scott Augenbaugh	76.37
4. Ron Reich	76.00
5. Billy Jones	66.42
6. Robert Loera	63.77
7. Brian Vanderslice	61.83
8. Robert Riley	61.75
9. Ray Bethell	61.55
10. John Oliver	59.60
11. Dave Simpson	57.57
12. Joe Hadzicki	56.53
13. John MacLaughlan	55.85
14. Troy Gunn	43.42

INDIVIDUAL QUAD-LINE - (Final)

1. Joe Hadzicki	92.97
2. Dave Hadzicki	92.22
3. Alan Gulleen	90.92
4. Lee Sedgwick	90.00
5. Scott Augenbaugh	89.92
6. Alan Nagao	88.27
7. Jim Hadzicki	88.13
8. Sue Taft	86.93
9. Bob Hanson	82.47
10. Brian Hirose	70.53
11. Phillip Lauer	70.08
12. Calvin Mills	67.63
13. Bill Edison	60.62
14. Mel Darneal	50.68

3rd Annual Outer Banks Stunt Kite Championships Results October 20-21, 1990**INDIVIDUAL PRECISION - NOVICE (Final)**

1. Joel Smith	95.60
2. Carlos Ramirez	82.16
3. Judy Winkler	81.53
4. Jim Killian	79.66
5. Gary Sweely	75.40
6. Kimberly Sterling	74.86
7. Stacey Carmichael	75.40
8. Jonathan Snyder	65.36
9. Lucia Phillips	63.96
10. Woody DelCorso	61.50
11. Kevin Madden	59.93
12. Timothy Book	58.86
13. Merrill Matsuda	58.60
14. John Caravaggio	56.30
15. Patricia Mills	53.83

INDIVIDUAL PRECISION - INTERMEDIATE (Final)

1. Lori Agnew	74.56
2. Joe Herring	72.56

3. Steve Peple	71.46
4. David Arnold	68.83
5. Josh Rankin	65.70
6. Robert Sterling	64.50
7. Minq Quock	61.03
8. Garry Lincoln	59.76
9. Keith Anderson	56.13
10. David Snyder	55.53
11. Paul Phillips	53.96
12. Gabe Evans	52.26

INDIVIDUAL BALLET - INTERMEDIATE - (Final)

1. Kimberly Sterling	78.76
2. Chris Belli	78.13
3. Steve Peple	77.73
4. Carlos Ramirez	77.43
5. Robert Sterling	75.13
6. Josh Rankin	72.16
7. Paul Phillips	71.06
8. David Arnold	69.93
9. Joe Herring	67.56
10. Keith Anderson	65.13
11. Daryl White	64.66
12. David Snyder	59.23
13. Lucia Phillips	58.00
14. Stacy Carmichael	55.80
15. Minq Quock	55.30

INDIVIDUAL PRECISION - EXPERIENCED - (Final)

1. Steve Huff	83.10
2. Marc Conklin	81.23
3. Marc Ricketts	78.37
4. T.C. Powers	74.30
5. Eric Adamusko	67.17
6. Charles Stonestreet	57.37
7. Calvin Mills	54.16

INDIVIDUAL BALLET - EXPERIENCED - (Final)

1. Marc Ricketts	85.20
2. Charles Stonestreet	81.83
3. Calvin Mills	77.03
4. Steve Huff	74.50
5. Jim Younce	71.23
6. Robert Crowell	70.13

INDIVIDUAL PRECISION - MASTERS (Final)

1. Chris Shultz	77.73
2. George Baskette	75.77
3. Bill Edison	75.06
4. Bob Hanson	73.33
5. David Barresi	72.17
6. Roger Chewning	61.83
7. Mike Jones	61.33
8. Suzanne Edison	59.90

INDIVIDUAL BALLET - MASTERS (Final)

1. Mike Jones	88.00
2. George Baskette	87.63
3. David Barresi	87.63
4. Bob Hanson	87.10
5. Bill Edison	82.93
6. Suzanne Edison	82.20

7. Roger Chewning	81.40
8. Chris Shultz	77.70
9. Dennis Kuemerowski	74.60
10. Bill Baker	66.93
11. Michael Moskowitz	66.50

TEAM PRECISION - EXPERIENCED - (Final)

1. Big City Kites	54.96
2. ECU Corsairs	48.08

TEAM BALLET - EXPERIENCED (Final)

1. Big City Kites	76.93
2. Liberty Flyers	76.10
3. D.C. Flyers	64.76
4. Steel Angels	46.46

TEAM PRECISION - MASTERS (Final)

1. Black Sheep Squadron	79.40
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TEAM BALLET - MASTERS (Final)

1. Edison Flight & Power	80.60
2. Sky Ratz	78.76

INDIVIDUAL QUAD LINE PRECISION- OPEN - (Final)

1. Bob Hanson	88.16
2. Calvin Mills	78.90
3. T.C. Powers	75.40
4. Charles Stonestreet	78.53
5. Woody DelCorso	63.56

INDIVIDUAL INNOVATIVE - OPEN - (Final)

1. Bill Baker	70.00
2. Calvin Mills	57.42
3. Carlos Ramirez	55.38

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Final Results of the 1989- 1990 Eastern League

INTERMEDIATE INDIVIDUAL PRECISION

1. Quin Rickman	27
2. Johnna Martins	25
2. John Smith	25
4. Steve Peple	20
4. Mike Connell	20
4. Carlos Ramirez	20
7. Phil Madren	15
7. Marty Sasaski	15
7. Dave Rollins	15
10. Stuart Wood	12
10. Mark Coren	12

INTERMEDIATE INDIVIDUAL BALLET

1. Quin Rickman	27
2. Reggie Williams	25
2. Steve Peple	25
2. Mike Connell	25
5. David Wolfe	20
5. Chris Bell	20
5. Phil Madren	20
8. Chris Wales	15
9. John Smith	12
10. Chester Howell	12

EXPERIENCED INDIVIDUAL PRECISION

1. Bob Hanson	70
2. Chris Schultz	45
2. Carter Stickney	45
4. David Barresi	42
5. Peter Dolphin	40
6. Susan Edison	25
6. Dodd Gross	25
8. Rich Montminey	20
8. Bob Childs	20
8. Brad Ruud	20
8. Steve Santos	20

EXPERIENCED INDIVIDUAL BALLET

1. Bob Hanson	60
2. Carter Stickney	50
3. Dave Barresi	45

4. Chris Schultz	42
5. George Baskette	37
6. Frank Loudenslager	28
7. Arlene Anderson	25
7. Bob Childs	25
9. Ralph Offredo	22
9. Chuck Walker	22

MASTERS INDIVIDUAL PRECISION

1. Mike Jones	58
2. Dan Buxton	40
3. Cris Batdorff	29
4. Rod Tanis	25
5. Bill Edison	20
5. Billy Jones	20
7. Susan Fontenot	16
8. Brian Fyfe	15
8. Frank Fieseler	15
8. Rich Montminey	15

OPEN INDIVIDUAL QUAD-LINE

1. Bob Hanson	50
2. Scott Cable	25
3. Reggie Williams	20
3. Frank Fieseler	20
3. Bill Edison	20
6. Brad Ruud	15
6. Brian Keating	15
6. Terry Fenton	15
9. Calvin Mills	12
9. Stuart Ward	12

MASTERS INDIVIDUAL BALLET

1. Mike Jones	50
2. Dan Buxton	45
3. Ralph Offredo	42
4. Susan Fontenot	26
5. Bill Edison	25
6. Rodger Chewning	23
7. Billy Jones	20
7. Eric Wolff	20
9. Cris Batdorff	18
10. Frank Loudenslager	18

OPEN INDIVIDUAL INNOVATIVE

1. Dave Simpson	50
2. Bily Jones	25
3. Bob Glover	20
3. Brian Keating	20
3. Steve Shapson	20
3. Joe Perron	20
7. Brian Vanderslice	15
7. Bob Hanson	15
9. John MacLauchlan	12
10. Bill Edison	10
10. Bill Beneker	10

EXPERIENCED TEAM PRECISION

1. High Flyers	50
2. Evolutionary Sky Bandits	45
3. Team Hawq	25
3. Nemesis	25
5. Team Arnold Head	20
5. Big City Kite Team	20
5. Black Sheep Squadron	20

EXPERIENCED TEAM BALLET

1. Team A-Roar A	50
2. High Flyers	40
3. Sky Ratz	35
4. The Edge	25
4. Edison Flight & Power	25
4. Nemesis	25
4. Strike Force	25

MASTERS TEAM PRECISION

1. Chicago Fire	25
1. Team What's Up	25
3. Roaring Flamigos	20
4. Evolutionary Sky Bandits	15

MASTERS TEAM BALLET

1. Deja Vu	40
2. Team A-Roar-A	35
3. K-Head	25
3. Team What's Up	25
3. Chicago Fire	25



Calendar Of Events

FEBRUARY 16, FLY ON THE ICE, S. Higgins Lake State Park. Contact: Kite Kraft, 245 S. Main, Frankenmuth, MI 48734. (517) 652-2961.

FEBRUARY 23-24, FLORIDA S.K.C., Miami Beach, FL. East Coast Stunt Kite League Event. Contact: Sky Festivals, P.O. Box 7317, West Trenton, NJ 08628. (215) 736-8253.

MARCH 1-3, EIGHTH ANNUAL ROBERT LOERA HAWAII CHALLENGE, Kapiolani Park, Honolulu, HI. Contact: Kite Fantasy, 2863 Kalakaua Ave., Honolulu, HI 96815. (808) 922-KITE.

APRIL 6-7, 5TH ANNUAL TEXAS GULF COAST S.K.C. R.A. Apffel Park, Galveston, TX. Contact: Surfside Flyers, P.O. Box 570001, Houston, TX 77257. (409) 849-4128 or (409) 265-0868.

APRIL 6-7, 4TH ANNUAL RENO INTERNATIONAL KITE FESTIVAL, Rancho San Raphael Park, Reno, NV. Team ballet with cash

prizes. Entries limited to 15 teams. Contact: Reno-Sparks Convention & Visitors Authority, P.O. Box 837, Reno, NV 89504-0837. (702) 827-7636.

APRIL 13-14, MID-ATLANTIC S.K.C., Ocean City, MD. East Coast Stunt Kite League Event. Contact: Sky Festivals, P.O. Box 7317, West Trenton, NJ 08628. (215) 736-8253.

APRIL 20-21, PHILADELPHIA REGIONAL S.K.C., Philadelphia, PA. East Coast Stunt Kite League Event. Contact: Sky Festivals, P.O. Box 7317, West Trenton, NJ 08628. (215) 736-8253.

APRIL 20-21, CALIFORNIA OPEN INTERNATIONAL S.K.C., Fiesta Island, Mission Bay, San Diego, CA. Contact: ROME-AERO Enterprises, 129 Samoa Ct., San Ramon, Ca 94583-1421. (415) 735-ROME.

MAY 5, 10TH ANNUAL FRANKENMUTH SKY FEST, Frankenmuth, MI. Contact: Kite Kraft, 245 S.

Main, Frankenmuth, MI 48734. (517) 652-2961.

MAY 11-12, GREAT LAKES S.K.C., Grand Haven, MI. Contact: Mackinaw Kite Co., 116 Washington St., Grand Haven, MI 49417. (616) 846-7501.

MAY 24-25-26, EAST COAST S.K.C. VI, Wildwood, NJ. Contact: Sky Festivals, P.O. Box 7317, West Trenton, NJ 08628. (215) 736-8253.

JUNE 8-9, 9TH ANNUAL SUMMER GAMES KITE FLY, Myrtle Beach, SC. East Coast Stunt Kite League Event. Contact: Klig's Kites, Barefoot Landing, Hwy. 17, N. Myrtle Beach, SC 29577. (803) 272-5768.

JULY 6-7, 3RD ANNUAL CHERRY STUNT KITE COMPETITIONS, Traverse City, MI. Contact: Grand Bay Kite Co., 121 E. Front St., Traverse City, MI 49684. (616) 929-0607.

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