Many Happy Returns

Issue No. 85

Official Publication of the United States Boomerang Association

- To promote the art, hobby, craft, sport, history, culture and science of boomerangs
- To organize and hold an annual National Boomerang Expo
- To represent the United States in International Boomerang Competitions

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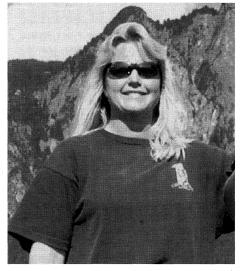
Manufacturer's Listings

Terror in the airport

It was shortly after noon on Monday, July 1 when first word of the incident hit the airwaves in the form of a news ticker at the bottom of the screen of a national news network: "Woman arrested at Hartford's Bradley International Airport for attempting to board airplane with boomerangs"....

By the time the real story was out, the world at large was convinced that a raving mad-woman had been arrested trying to smuggle killer boomerangs aboard a commercial airliner, in an attempt to hijack the flight with a ninja-esque plot to overpower the passengers and crew with a cleverly concealed arsenal of gyroscopically precessing weapons.

When the dust had settled, U.S. Boomerang Team member Betsy Miale-Gix of Redmond, WA was out of jail on a \$500 bond, with a court date and a desire to make the whole thing go away. The USBA and modern competitive



boomerangs, however, were sitting on top of the biggest media bonanza since the Foster's Boomerang Team 2000 had traveled the country, promoting boomerangs for the Sydney Olympics. There was one main

(Continued on page 15)

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Got Booms?

The first USBA boom giveaway in five years wrapped up in June, with all those who signed up or renewed since last year getting thrown into the prize drawing. Page 2 features a list of the winners and their booty! And speaking of booty, check out the brand new USBA commemorative ultra-light MTA that Gary Villard cooked up for the next giveaway on page 2. For a chance at this one, you will need to either join or renew yourself or promote the USBA to someone new, getting them to join, with you as their sponsor. The *(Continued on page 2)*

SUMMER 2002

deadline for this giveaway is December 1, so start preaching!

If you are already a lifetime member, you can buy 2 entries for just \$15! Or you can convert an abbey full of nuns to the USBA and get a bunch of entries for free!

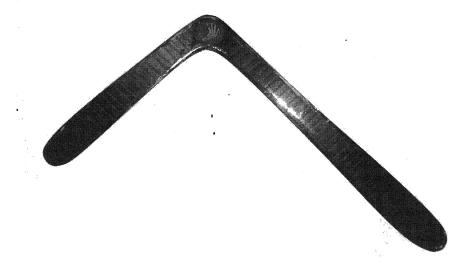
Either way, you won't want to miss out on this baby. The editor and Mark Legg have been checking it out and have gotten flight times of forty seconds on calm days! (They also have been signing up street bums in order to win the thing... so keep an eye on that shady character at the next tournament who looks like he is about to snag your boom bag... oh, that's just Gary!)

To enter, send \$15 to:

USBA Membership Keith Mullinar 34 Lorraine Ct East Hartford, CT 06118

If you are already a member, Keith will renew you and add another year of competition ratings, four more MHRs and all the other, often intangible benefits (no, really!) that come along with membership! If you are a lifer, Keith will bank your check and give you two entries into the drawing. If you are a sponsored nun, street bum, Chicago Bob's Granny, Rev Jim's Bishop, or some other person just getting introduced to boomerangs, you will get your own entry, PLUS, your lecherous sponsor will get their own additional entry. the USBA will pay a couple of bills, and you will BOTH have a shot at this MTA!

This custom-made ultra light composite MTA will be given away next! Join now! Get new members!



A one-of-a-kind composite MTA by Gary Villard of Canton, OH with the USBA logo placed inside the finish on the elbow has documented flights of 40 seconds in light, late-afternoon conditions.

2002 Membership Drive Winners

- Dave Hendricks quilted maple lapjoint— Dan Bower
- Two Mike "Gel" Girvin custom boomerang bags—Scott Slonsky and Bob Rudy
- Mike "Gel" Sunshine boomerang—Billy Brazelton
- The last wood "Bellen" boomerang produced by "Gel" - Gary Schopp
- Mike "Gel" Bellen boomerang—Tony Brazelton
- Two Chris Young variations of Axel's "Fuzzy" - Steve Weiss & John McGiness
- Three Bill Glover g-10 "Glover 7" 80meter rangs—*Eric Hendrickson, Paul Es*way, and Bob Hogan
- Bill Glover hand-painted "Monarch" boomerang (lefty)—*Wilson Lawrence*
- A Bill Glover "Cobra" hook boomerang— Will Nolan
- Stephane Marguerite wood three-blader— Edwin Brown
- Stephane Marguerite Wooden twoblader—William Belk
- Dave Hendricks wooden "Lightning" fast catch—*Tad Cornwell*
- Kendall Davis wooden "Xtreme" quadblader—Mark Zaitlin

- Kendall Davis weighted wooden 50-meter "Mohr Hook" in red, white and blue— Harald Steck
- Kendall Davis wooden "Not so gooney bird" Edward Yeun
- Kendall's wooden fast catch "Flash" Dale Reed
- Wil and Betsy Miale-Gix competition fast catch—*Moleman*
- Wil and Betsy wooden boomerang refrigerator magnet set—*Gregg Snouffer*
- A "Gel" special edition "Sunshine" boomerang made as a prize for Gel's 100th competition, donated by Betsy and Wil— *Thomas Carter*
- Two Neil Kalmanson art booms—Carl Morris and Travis Storms
- Aivars Brengulis from Sigulda, Latvia uniquely shaped "Origamirang" - Matt Hammond
- Aivars Brengulis "Oz Rules" two blader— Aron "Zippy" McGuire
- Aivars 80-meter wooden weighted hook— James Sprague

Thanks to all the donors and Steve "Cookie" Cook, who collected and sent all the prize booms out. He'll be collecting booms for next year's giveaway. Contact Steve at teamgel@msn.com



Brother Brian Passes Away

Australian boomerang enthusiast and pioneer, Brother Brian Thomas passed away on Sunday, April 21 of complications associated with a brain tumor.

Brother Brian was a dominant boomerang promoter and competitor, winning over a hundred titles in his 27 years of boomerang competitions. His world record score of 90 out of 100 in the Australian Round event in 1983 stood for over a decade. His accuracy record of 42 out of 50 in 1984 was listed in the Guinness Book of World Records.

He worked to gain recognition for the sport of boomerangs by the Australian government in 1979 and was the coach and captain of the first Australian team in 1981 when the International Boomerang Cup was born.

He was also a teacher and used boomerangs as modern-day parables to teach children lessons about life. He helped produce a boomerang for blind children.

He was a prolific letter-writer, sometimes writing over 300 letters a year, often to people he had never met, often to people he had met only once at a boomerang event.

Ted Bailey has set up a moving tribute to Brother Brian online on his flight-toys.com web page. If you take a moment to read more about this remarkable man and some of the glowing tributes written by friends and acquaintances, it will truly enrich your life. Go to: www.flight-toys.com/bmt/brian.html

Boomerang Auction 14 set to start

Ted Bailey announces that he will be accepting reservations for Boomerang Auction #14 (Fall 2002) shortly. Please do not send auction items without prior approval. He needs a relatively complete description of each item for the approval process with info as to flight characteristics, damage, minimum expected bid, etc.

To get in on the fun of the longest running boomerang auction in the world, email Ted at tbailey@ic.net

India Boomerang Association

The new General Secretary of the BAI (Boomerang Association of India), Biswajit Mohanty, informs us of the formation of the new Boomerang Association of India, saying, "We are beginners in the Boomerang sport. It will take some more time to shape up our organization. We have not yet published our newsletter or magazine but hope to publish it in the near future."

We hope to hear more news from our boomerang brothers and will keep you advised of their progress.

If you would like to contact Biswajit, email him at: biswajit mohanty2001@rediffmail.

com

Boomerangs on TV

by Dave Bradshaw, Bally, PA The sport of boomerang throwing got some exposure on CBS back in April... but not the kind that would make us proud...

On the reality show 'The Amazing Race' (where teams of two race

Wood Scraps

News from the boomerang world

around the world to pre-determined checkpoints), they had a task to complete at an Aboriginal village. They had to throw a boomerang and get it to land in what appeared to be about a 10 meter circle. The people that did the throwing had a heck of a time. The throws that finally returned appeared to barely make it out of the circle, before diving back in. Nothing appeared to be a nice circular or elliptical flight. There were a couple of throws that went out and made a good turn to the left, but they fell way short of the mark.

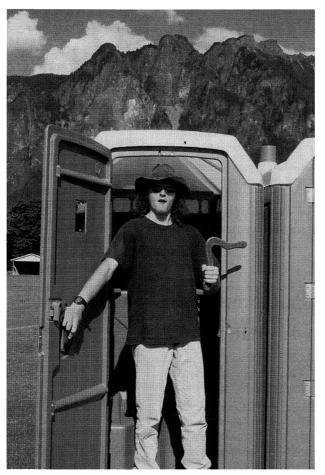
In the worst case, one of the guys actually threw it side-armed, with predictable results; it went practically straight up and came back down, in the circle. Unfortunately, they counted the throw.

At one point, one of the teams' members watching the attempts yelled to his partner to use more throwing power and don't flick the wrist as much. The female thrower refused, saying 'He told me to do it', referring to the instructor that the show provided told her to snap the wrist.

One other sighting on the same night showed an Aborigine using three boomerangs to make his choice for the next color M&M. He threw all three and caught the pink one. The other two boomerangs whacked the two spokes-M&Ms!

Beat our caption

This Issue's Photo is of Junior National Champ, Danny Bower, of North Bend, WA, shortly after "cleaning up" at this year's Juniors.



"I tried to flush and pulled the handle off!"

Beat our caption and win! Got a better caption for this picture than ours? Email it to boomerang@columbus.rr.com If we chose it, you'll win a free Gunter Moller (German Young Guns) boomerang!

Book Corner

Read an interesting book that our readers might enjoy? Let us know!

For your summer reading enjoyment on those rainy days when mom won't let you go out and throw, boomeranger Steven Graham, of Bartlesville, OK (www.bartnet.net/~grang/grang/) recommends "Dreamkeepers: A Spirit-Journey into Aboriginal Australia" by Harvey Arden.

Says Steven, "This book is about the author's spiritual journey through the Kimberley region of Australia, and his encounters and interviews with Aboriginal people about their Last Issue's Winners



Grand Prize winner of the Adam Ruhf fast catch boomerang: "Got Milk?"

Aron McGuire (Indianapolis)

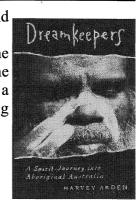
Runners Up: "Hey, there's Nobu's MTA!" - Mark Legg (Delaware, OH)

1) "That looks like it hurt."

2) "Anybody seen the Summer issue of MHR?"

- Gregg Snouffer (Delaware, OH)

lives and beliefs." "At one point, he throws a h u n t i n g stick."



Its USBA Election time again!

The USBA is looking for a few good people to help expand the scope and profile of boomerangs across the country.

If you are interested in doing your civic duty for your sport, craft, art, science and/or hobby, and would like to lend a hand to help run the organization, just pick a position you would be interested in, write a brief profile of yourself and your interest in that position for our readers, and submit it by email to boomerang@columbus.rr.com, or by snail mail to Gregg Snouffer at 340 Troy Rd., Delaware, OH 43015.

The next issue of MHR will

feature all of the candidates and their profiles, along with a ballot for members to mark their choices for next year's board.

Positions

President: Coordinates the board and their efforts

Vice President: Helps the president with his/her duties

Treasurer: Maintains membership listings and USBA account. Provides annual report. Keeps nonprofit status up to date.

Secretary: Records minutes of meetings and board votes.

Members-at-large: Five people who help run committees and get the work done.

New Committees forming to help run the USBA

At a general membership meeting of the USBA at the Seattle National Expo, several committees were formed to help promote boomerangs. Thanks to those who volunteered their time to help in this important endeavor. We here at the USBA hope to make "boomerang" a common household word, and boomerang throwing as normal a sight as baseball tossing in the years to come. Here are the preliminary committees.

Awards and Recognition: Lifetime Achievement, Standard certificates, U.S. Records and past awards documentation, Junior Nationals— Gregg, Clay, and Fred <u>Communication/Promotion</u>: Web site maintenance, media releases and contacts and promotion—Aron, Clay, Jason, Suzanne, Bob Foresi, M a t G o l e a n o r <u>Elections & Nominations</u> getting people to run for positions and to serve-Gregg, Clay, Betsy **Expansion** Getting boomerangs out there in a billion different ways, grant applications, alt funding sources-Nic, Gregg, Betsy, Clay, Larry, Mat G, Mark Legg, Bob F r e 0 S Nat'l Expo: Developing and coordinating the expo for next year and years to come. Soliciting and supporting bids and venues and lending support to the director to pull it off- Nic, Gregg, Clay, D a v i d Huges **Rules Advisory:** Discussing rules changes for competition-Nic, Gregg, Clay, Aron McGuire, Betsy, Μ а r Senior Division: Developing a new division for tournament participants-Bud Pell

If you would like to get involved, please contact Gregg Snouffer at boomerang@columbus.rr.com

USBA President's column

We all enjoy boomerangs. Whether it's making them or throwing them, or meeting and throwing with others who enjoy them. Because so many people held this interest, the USBA was formed in 1981 in order to bring some organization and promotion to our hobby and sport. For a while, it seemed all was well. Membership numbers were high and things were getting done.

Then, in the '90's, it seemed The USBA was being run by an everdecreasing number of people who were willing to do the work. Energy levels were waning and it seemed the boomerang population was aging and not being replaced by a younger generation of enthusiasts. Yet the diehard were still going to tournaments, still crafting boomerangs and still promoting them at whatever level they could. There were some great things happening.

In the desert southwest, throwers were reaching huge audiences at kite flying festivals. The Foster's Boomerang Team was introducing thousands of people to the sport. The annual expo was still seeing and awarding beautiful craftsmanship and design entries. It was hard to believe that an organization that had so much going for it was unable to continue to coordinate these efforts

I remembered an old saying that a good friend still has chalked up on a little board in her kitchen. "Those who say it can't be done should stay out of the way of those who are doing it."

At Seattle, I expressed my frustration with those who complain about the way "we" organize our group and yet who are loath to involve themselves in any of the work that is necessary to pull off such organization.

I was truly heartened by the response to my call for help. One look at the newly formed committees, their missions and their members, will show you that there IS a lifeblood still pumping and interest in keeping the simple things that we all enjoy going for years to come.

But that's not all. As it says two columns to the left, some of us hope to make "boomerang" a common household word, and boomerang throwing as normal a sight as baseball tossing! Thanks for helping to make this past year a fun, forward-looking one. As you can see from this issue of MHR, boomerangs are fun!

Gregg Snouffer USBA President

Fun-flys in the face of tragedy

Boom enthusiast Gary Schopp spends the weekend in a Maine hospital after a family tragedy and finds healing

By Gary Schopp

I spent the past week in Portland, Maine. Of course, I did bring boomerangs just in case. Thankfully I had stocked up on fun flys (thanks Kendall), and tri-flies (thanks Vince) so I was able to bring a couple for the nephews and nieces. Would have been a nice trip, but for the niece (13) and nephew (4) were in the hospital and my brother-in-law suddenly dead.

Therefore much of my time was spent at Maine Medical Center.

Maine Medical Center seems to be a pretty nice place. The Children's Hospital on the 6th floor (named after Barbara Bush) appeared exceptional. There was a room setup for teens with foosball, Play Station, and couches, and a younger kids' play room with all kinds of toys. I especially liked the sign on the door of the little kids' room - "Medical procedures prohibited". A sanctuary.

In the core of the 6^{th} floor was an atrium of sorts with sky lights and a large primary color kite sculpture. It is the waiting area for that section. So I see this bright, quiet large space. Hmm. possibilities. Back down to the rental I go to get my bag with the fun flies. If I have to wait, I may as well have a little diversion.

Pop the staples, bend and twist. A weekend in Rock Island at an RV show made it automatic. Yellow magic goes spinning into the space. Justifying it in my head that I'm just getting them tuned to fit in the space of a hospital room, I keep working the bend and twist. Then red, like a flower against the skylights and kites.

A child in a stroller is wheeled into the room, its motor pausing. The near baby smiles. A volunteer enters carrying a board game. She is followed by a teen leading an i.v. rack attached to his arm. Pale and bald, you can tell this kid is a joker. For some reason a picture of a smiling, half-bald man popped into my mind. The boy's attention is split between the game and me. I throw in 'some doubling before I take a break to look in on my reason to be . in Maine.

In the midst of throwing I said "One of these is for you. What's your favorite color?" "Red" was the only word not spoken in pain or sadness or anger that she said to me the entire week.

It's not long before back I'm back to the waiting room. Back to the comforting monotony of catch, snap, watch, catch, snap, watch... My bald audience returns. A few short instructions and we threw for I don't know how long. First just him. Then I show him catches. I even managed to get to the floor for a foot catch. He managed a one handed behind the back despite the tubing. We got them stuck in the a/c vents and the tops of the ficus trees. We threw toward each other, red and vellow looping inside the other's circle. Staff passed through and left with a grin. My dad and brother smiled and shook their heads at their odd son/brother throwing boomerangs in a hospital. One of the janitorial staff - she was at least 60 - tossed a few times with us. We

laughed - when I stood within arm's reach of her, no matter which side, she managed to hit me.

My niece did get down to the atrium the next day. She hasn't been happy to see anybody. Since one of these things is for her, I started tossing in small circles on the other side of the trees. Slowly I worked around the plants keeping my back or side to her. If she thought I was throwing for her, I would have been told to leave. She stole glances from the puzzle she was working on with her grandmother. Grandma was wise enough to not tell her to watch her crazy uncle. Doubling caught her full attention. She mentioned something to grandma about me Juggling brought being silly. another comment and a precious and rare smile.

In the midst of throwing I said "One of these is for you. What's your favorite color?"

"Red" was the only word not spoken in pain or sadness or anger that she said to me the entire week.

This is one of my top boomerang moments. I don't think it will be matched in a long time. At that moment I wished for 200 fun flies and time to teach the volunteers how to show the kids to throw. Everyone on the 6th floor needed that boomerang joy - kids, parents, nurses, doctors, even janitors. Nieces and nephews. Widowed sisters.

The wish didn't come true. Not the only one that week.

Whether you show one, or ten, or ten thousand the magic, it doesn't matter. Just keep on doing it.

One of these days I'll write something not so heartfelt. Like a Harbor Freight Tools has opened in Peoria.

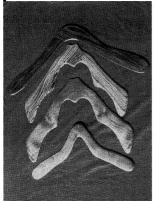
MHR Boomerang Trivia

Last issue's contest question: What American boomerang crafter made all of these 2002 National design competition 'rangs?

Answer: Kendal Davis of Rock Island, IL.

The boomerangs are... 1) Wenge (win-gay) lapjoint. No real name for this design. It was a design which became transformed into the Ultra V. Range is about 30 yards. 2) Bocote Bat-A-Rang - This boomerang is heavy because of the density of the wood. Incredible grain and strength. Range is about 35 yards. 3) Black Walnut (book matched) Bat-A-Rang. (note the mirror image of the grain) Range is about 25 yards. Nice f 1 V e 4) Black Walnut Mosquito design. Nothing real special about this, except for the small size and it being a lapjoint. The grain is very nice...

Winner of the FREE Boomerang USA T shirt, sponsored by BUSA and a stack of 10 indoor Foster's boomerangs is NO ONE... since nobody correctly



answered the quest i o n ! T h a t m u s t h a v e been a t o u g h one!

Issue 85 Trivia Question

Since no one correctly identified last issue's trivia question, and stack of Foster's indoor booms and t-shirt are still sitting here, cluttering up the office, this issue features a much easier question...

arnaby Ruhe, famed artist and boomerang mystic is famous for his boomerang skills, which include two National Championships and six World Cup titles.

In the art world, he is known as the inventor of the Portrait Painting Marathon... a single sit-down session of multiple portrait paintings.

Kathleen DeMonchy, of Dan's Paper once said of his art, "Barnaby Ruhe is kind of the fast food of the art world. He can paint a fabulous portrait in 10 minutes, yet the work looks like he was painting a subject that was posing for 10 weeks. I watched this subject who had a great face and within one minute the essence of this guy had been captured." Here's the milliondollar question:

> In 1989, Barnaby Ruhe received his PhD with what thesis?

In order to win, respond with the correct answer by email to boomerang@columbus.rr.com The winner will be picked randomly from the correct entrants and the T-shirt and indoor booms will be shipped by book rate postage within a month...

The Doctor is





Dr. Barnaby displays his stuff

"Boomeranging is an ancient art used to define the subtleties of the winds." - Dr. Barnaby Ruhe

A National Expo to remember











Starting Top Left, clockwise:

1) Seventeen year old James Stickney shows off his throwing style in Sunday's U. S. Junior Nationals. At 6'4", the high school basketball star brings a natural athletic style to the sport and represents the U.S.' hopes for a continuing competitive presence at the international level.

2) This year's U.S. Boomerang Open Tournament champions, from left to right, Novice Division, Don Boone, of Washington State, the Sport Division, Gregg Snouffer, of Ohio, and Intermediate Division, Matt Goleanor, of Nashville, TN.
3) Open champ Gregg Snouffer begins his modeling career at the foot of Mount Si after the tournament for international photographer and last year's Open Champ, Nobu

4) David Hendrick's winning entry in the "Lap Joint" category (black) along with several other entries and the trophy.

5) This year's "Most Creative Design" category winner, Kendall Davis with his winning entry.

6) This year's national design winner, Stuart Jones of Minneapolis, MN with this year's entry in the natural elbow category, "Twin Beaks."

7) Everyone wants a piece of former "Fatboy" Casey Larrance. He showed up in fighting form for the weekend, taking fourth at the Open and sweeping Sunday's Head to Head competition.

Continued on pg 9















A 360 degree panoramic view from circle #5 on Sunday morning at the 2002 US Open. Photo by Carl Morris

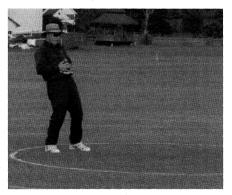
8) A tale of five guys, a Chevy Cavalier, a twobed motel room and a weekend in the Pacific Northwest throwing boomerangs at the USBA's National Expo... want to hear the story? Buy the rights!

9) At the base of Snowqualmie Falls, while hiking the rugged Cascade Mountains prior to this year's Expo, Mark Legg and Nic Yeager experience an enlightening moment with the latest issue of MHR.

10) The weekend's non-stop throwing and parties left the boomerang crowd fairly drained by Sunday's Head-to-head and distance tournaments... until the Red Bull girls showed up with energy drinks for all. Kendall Davis even found the energy to teach the girls to throw! 11) "Go Matt!" Matt Goleanor imported his own cheering section, as grandma and aunt and uncle showed up to lend moral support. The effort paid off, as the newest member of the U.S. Team ended up winning the coveted Intermediate Title of the Open, and then promptly lent a hand to the local flood relief effort, piling sandbags along the Snowqualmie River. Who says chivalry is dead?

THIS PAGE: Below, Doug DuFresne of Oregon catches one of his three 30-meter bullseyes in Aussi Round. He finished with 70.

Bottom (L-R): Michael Gel Girvin and Eric Darnell were honored by the USBA for a lifetime of achievement in boomerangs. Suzanne sheds a tear while reading Gel's award. Gel and his Pa Gel share a moment.





National MTA record set during a crazy weekend

During the Open portion of the weekend, Gregg Snouffer had an 81.44 MTA flight that traveled 20 meters, at most. He followed it up with a 48 second flight and a 28 second flight to round out his 157.68 second score for best three out of five throws to not only win the event, but to set a new U.S. record.

Jason Smucker had a 77.56 second flight, which, combined with his other two best times added up to a total of 138.1 seconds for second place.

At about the same time, Betsy Miale-Gix tossed a SINGLE THROW that was aloft for 149.8 seconds, but which she caught fifty meters out of bounds.

Two days later, during a head to head round, Adam Ruhf threw a 200.17 second flight which he caught several hundred meters away in the middle of a cow field bog. His time, like John Gorski's 17 minute flight a few years ago, was listed as a feat, because it did not take place during a normal MTA event as part of a regular boomerang tournament.

See the entire U.S. Open box scores on page 16



Distance

Dan Neelands reported the following National Distance Championship results from Seattle on Sunday of the Expo.

"Wind was 0 to 5 mph but only shifted about 55 degrees through N-NW. It was sunny and hit 77 degrees F. We started at 1:45. We threw 2 sets of 5 throws each. There was lots of Team Gel Attitude, It was all about throwing far."

"This is the first LD tourney I ever threw in when no one got a wholistic zero!"

Dan Neelands	117 M
Andy Cross	112 M
Daniel Bower	112 M
Clay Dawson	107 M
Dennis Joyce	105 M
Sponge	103 M
Jason Smucker	101 M
Stuart Jones	98 M
John Cross	95 M
Don Monroe	93 M
Richard Bower	91 M
James Stickney	89 M
Karen Dawson	84 M
Carl Morris	83 M
John Gaston	79 M



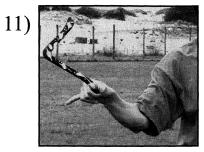
MANY HAPPY RETURNS

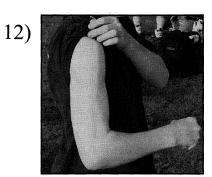
Who's arm is it?

So you think you know boomerangers? Take this little test to find out. Each of the arms featured below belongs to a U.S. Boomerang thrower. How many can you identify? Email your entry to boomerang@columbus.rr.com. The one with the most correct picks will win a free large pizza from Pizza Hut, and a Gunter Moller boomerang! Deadline for entries is SEPT 1, 2002 Match from the following throwers: Jason Smucker, Laura Smucker, Wilson Lawrence, Mark Weary, Mark Legg, Billy Brazelton, Tony Brazelton, Rusty Harding, Gregg Snouffer, Dennis Joyce, Logan, Devan and Gary Broadbent, Matt Goleaner, Adam Ruhf, Steve Cook, Casey Lawrence, Steve Kavanaugh, Aron

McGuire, John Flynn, Johj Gorski

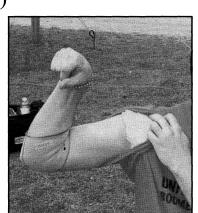






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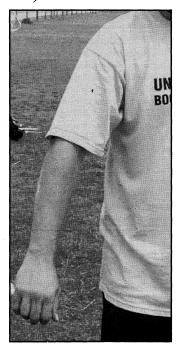


20)

19)

14)

13)



17)

18)

21)



MANY HAPPY RETURNS

2002 St Louis Gateway Classic More than just pretty booms

The Lovely Ladies of Boomerangs



The ladies in attendance at the annual Gateway Classic on Memorial Day weekend in St Louis got more second looks than the boomerangs. Our only question: What do these beauties see in those boomerang guys? From Front (l-r): Carrie, Angela-Bob Leifeld, Alison Bourey. Back: Rev Sarah Schramm, Tara Brazelton, Rev Andrea Schramm, Shannon Gallagher, and Yeva.

It was a typical Midwest Memorial Day weekend. Warm, humid air from the Gulf of Mexico clashed with winter's last gasps blowing down from the cold Canadian north. The resulting thunderstorms rampaged across the frontal boundary; bringing rain, hail, high winds, and tornadoes to the nation's heartland in a predictable, daily fashion. But this year, that pattern was mysteriously suspended Sunday morning, as the Gateway Classic Boomerang Tournament dawned bright and calm.

Throwers who were used to battling gusty, swirling winds and temperatures in the forties, with trash bag-wrapped boom bags to protect from the rain suddenly found themselves battling light, variable breezes in eighty degree weather, with slippery fingers from the sun block. In the fifteen year history of the event, participants could only recall one year that had been this nice. But no one could agree on which year that had been.

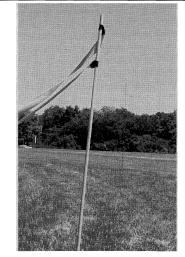
Some said it was the year the trophies were plastic Wal-mart cups, with hand painted awards on the sides. Others argued it was the year that Bob and Angela were married the day before the tournament. Still others thought it was the year Bob, Rev Jim and Gregg were kicked out of the bar for cheating at Crocodile racing, resulting in way too much free beer, and culminating in barefoot mosh-pit style dancing, long before such a thing had even been invented.

One thing was certain, though; although Lady Luck seemed to be absent in the weeks leading up to this year's Gateway Classic, in the end, she was smiling down like the warm spring rays of sunshine that showered the field that day from the crystal blue skies above.

For one, the Science Center field where the tourney had been held since beginning in 1987 was unavailable this year, due to resodding for baseball diamonds. Then there was the flooding, that, while not as bad as the hum-dinger a few years ago, was still bad enough to flood the back-up field.

So "Ditch" Frazier ap-

A tale of two streamers

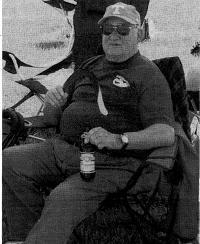


Wind indicators just 15 meters apart show two different wind directions at the Gateway Classic '02, resulting in tricky conditions for throwers.

proached the powers-that-be at the small high school where he teaches and convinced them that a boomerang tournament is exactly what every high school in the country should be hosting. Somehow they fell for it, and believe it or not, the first ever boomerang tournament took place right there on a high school football field... in front of a couple of semi-conscious fans who spread out in the stands to catch a few rays of sun and glimpse the action as it will surely be glimpsed on television a few years from now ... from an elevated vantage point.

The final overall: 1) Gregg Snouffer (15) 2) Chicago Bob (26) 3) Mark Legg (27) 4) Tony Brazelton (33) 5) Aron McGuire (36) 5) Don "Spike" Frazier (36) 7) Matt Kury (49) 8) Rev Jim (51) 9) Kendall Davis (54) 10) Bill Wachspress (57) 11) DeLaney Mohir (59) 11) Craig "Ditch" Frazier (59)

The top scores by event: Trick Catch 1) 90—Mark Legg 2) 85—Chicago Bob 3) 73—Gregg Snouffer Accuracy 1) 41—Matt Kury 2) 38—Mark Legg 3) 34—Kendall Davis



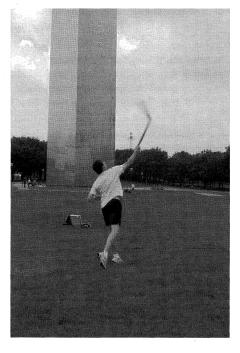
Boomerang legend Rusty Harding defies all odds, making the trip to St Louis to hang with his "Buds"

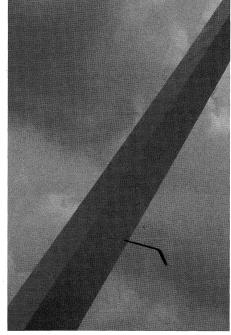


L-R: Gregg, Delaney, The Rev, Mark, TC, Bob and one of his kids, and Kendall reenact the cover of MHR #59 at the base of the St Louis arch.

Aussi Round 1) 69—Tony Brazelton 2) 68—Gregg Snouffer 3) 64—Chicago Bob MTA100 1) 86.2 sec—Spike 2) 80.5—Gregg Snouffer 3) 74.8—Chicago Bob

Fast Catch 1) 21.9 sec—Gregg Snouffer 2) 22.2—Tony Brazelton 3) 22.8—Mark Legg Endurance 1) 60—Tony Brazelton 2) 59—Gregg Snouffer 3) 54—Aron McGuire





Thomas Carter appears to throw his giant boomerang around the arch. While several successful flights were made around it, this colossal comeback was far too short range to make the trip. A fifty meter boomerang, if thrown correctly, can easily clear the monument. It is the object of an annual boomerang pilgrimage on Memorial Day morning... the day after the tournament.

The Best of Boomerang Cyber Chat

Edited by Billy Brazelton

In this installment of BBCC, we explore the aerodynamics of Colorado Boomerang's Condor Comp. This was one of my very first boomerangs, and I remember that it was my only boomerang that could handle tough winds without modification. The reason for the Condor's wind-resistance may not be as simple as you think, however.

The **Boomerang Man Rich Harrison** recounts how the famous Condor grooves came to be: All too often, a maker makes such a clean, smooth rang that it does tend to "blow past" or never come down. Anyone who has a Jim Mayfield Condor Comp will see that Jim made a groove on the bottom of the wing. He liked clean rangs. Certainly, in the retail store, such rangs look good; he did not care for my suggestion of a blunt spot...thus he did the groove into the middle, underside of the Condor wings.

Thomas Carter attempts to explain the grooves aerodynamically: Maybe one of our AE's can help us out here. But I recall from my days of yore that undercutting a wing, as was done on the Condor Comp, would increase the wings' lift at low speed at the price of drag, much like the flaps on the leading/trailing edges of an aircraft during takeoff/landing. And a second advantage to the way Jim did it would be to lighten the overall weight of the boom, and by adding the weights to the endpoints, increase its spin speed/retention. And now that I've said that, the first point, increasing lift as speed drops, is just what you would want to get a boom to "put on its brakes".

Colorado Boomerangs owner **Richard Pollock-Nelson** tries to create an aura of mystery around the Condor: The grooves in the Condor Comp were designed to add drag. I use it as a great wind boom and have added holes and tape in real strong wind. Does it increase lift, make it lighter..and some of the other speculations? Maybe...

Fred Malmberg gives us a clear idea of how grooves could increase lift: In a standard "semi-crude" boom airfoil, in which the bottom of the wing is perfectly flat, at zero degrees angle of attack the bottom surface exactly parallels the oncoming relative wind slipstreams. It technically has no bottom camber. If the airfoil is shaped like а teardrop (as in long distance models), the top camber almost equals the bottom camber, with a resultant "mean camber" of almost zero. A cavitated or "hollowed out" airfoil actually has a lot more going for it when you add just a little positive angle of attack to it. When this is done, you get an incredible amount of what we called "non-Bernoulli" lift before; the cavity created allows wind to hit a larger surface area along the bottom, redirecting the wind downwards which automatically pushes up on the airfoil. As RP-N mentioned, the groove in the Condor Comp is for drag. Actually, the grooves create more lift than the drag they add.

Now **TC** starts getting technical: And that's on a wing where the lower curve of the wing starts shortly after the leading edge. On a Condor, there is approximately 1/4" of flat area in front of and behind the groove. The wind will continue straight below the wing, in a zero deg. AOA. Just creating a small (hardly noticeable) low pressure area inside the groove. But the drag from the air having to pull away from that low pressure area will be noticeable. Anyone have a small wind tunnel we can put a wing of a Condor in?

Then **Rusty Harding** has to make things even more complicated: Actually, the slightly lower pressure would also reduce lift, the "rougher" surface within the groove would produce small eddy turbulence, which would, in turn, try to keep the airflow attached to the bottom of the wing. In my opinion, since nothing regarding oscillating, perhaps even reversing airflow has been considered, this is a discussion going nowhere. Biggest gain from this material removal, in my opinion, is a reduction in weight. Now you know why I didn't jump into the discussion right away. By the way, without duplicating pulsating airflow, wind tunnel testing would be meaningless, too.

John Villagrana has an interesting idea: Rusty, thanks for the input. Someday the USBA is going to publish your rang-list entries as a book and make a fortune.

Finally, **Rusty** sums up the inevitable difficulties with analyzing boomerang physics: The problem with spinning the boomerang in a wind tunnel is that instrumentation would be difficult to impossible. The mount and spin devices would have to be calibrated out of the readings, and all visual work would involve high speed photography. Spinning the tunnel (the test area only) would simplify things, but the test area would have to be large enough to keep from introducing error by disruptive airflow. I'm convinced that some day, someone will come up with a computer model of a wind tunnel that could test virtual boomerang designs. Meantime, it's back to the drawing board.

And I thought I used to understand how the Condor Comp grooves worked. In the next issue, we run with John's idea, but we aren't expecting any financial returns.

These passages were edited for length, content, and style. Thanks to Kendall Davis and Jon Villagrana for providing Rang-List archives. To subscribe to BoomerangTalk, the 21st century version of Rang-List, visit <u>http://groups.</u> yahoo.com/group/BoomerangTalk/

Terror

(Continued from page 1)

difference. While the Foster's Team appearances were part of a wellorchestrated, professionally promoted bid by Miller Brewing Company to gain notoriety for the sport and for their product, Foster's Lager, this was an unscripted, news story that involved one of the U.S.' top competition throwers. Further, she had been doing the very same thing that had happened hundreds of times on flights all around the world by boomerang competitors... well, almost the same thing. There was one word that seemed to differentiate this incident from the rest... a certain expletive referring to a part of the anatomy that is used commonly for the excrement of solid waste.

After Betsy had passed the security screener's usual litany of questions about the unusual contents of her carry-on bag, she was confronted by a state policeman who informed her that her reasons were no good for him and that, in spite of her protests, she would have to check her items or face arrest. The 43-year old trial lawyer by profession took her bag, turned to comply and, on her way, uttered the unflattering remark to the policeman. That was apparently too much for him, as he promptly arrested her for breach of the peace... presumably his.

When the state police account of the arrest was picked up by the national wire services and began to circulate across the country, most of the details except those that portrayed Betsy as a raving mad-woman were omitted.

Within the next several hours, Chet Snouffer, who was still inaccurately listed as the President of the USBA on the organization's laid-back web page, entertained dozens of news calls and live interviews—as did several other current and past members of the USBA officer corps.

Most of the interviewers had no idea that the U.S. even HAD a

MANY HAPPY RETURNS

boomerang team, let alone that they were involved in the upcoming World Cup competition in Germany. They were ready and willing to pick up on that related story. After all, it hit on several fronts; a great human interest story, with a world-class sport event tie-in, as well as the post-9/11 airport security issue that had resulted in what was widely perceived to be a sometimes ridiculous, over-zealous approach to airport security all across the country.

The USBA did what any promotional organization in its shoes would have done... it welcomed the publicity and milked the story. In a matter of forty-eight hours, no less than a dozen interviews were given on the upcoming World Cup, the way boomerang events are judged, the difference between returning sport boomerangs and non-returning hunting sticks, the fragile nature of boomerangs and the importance of carrying them onto an airplane, as opposed to checking them.

In addition, expert witness and head U.S. Team coach Eric Darnell prepared to help Betsy with her impending trial and a letter was being drawn up at press time to the National Transportation Safety Board about the importance of including competition boomerangs on the list of cleared items to be carried onto an airplane.

In the end, the incident resulted in about as much positive press as you could get. But in spite of that, serious issues remained. With the Team Cup just a couple of weeks away, and Betsy's legal troubles unsettled, there was, at press time, a question mark over whether she would be able to attend the Cup in Germany. Further, Betsy's legal career could be damaged or worse, if the incident proves to violate ethical codes established for lawyers in the state of Washington and at her law firm.

In spite of the seemingly ridiculous nature of the arrest, ramifications that could jeopardize both a career and a nation's attempt to win the World Cup of boomerangs could be held in the balance.

Thrower Reactions

Screener's discretion

"The first thing to note, during this time of concern about airport security and the not so comforting stories of lapses in screening, is that another competitor carrying boomerangs in a manner similar to Ms. Miale-Gix, passed through the airport but a few hours earlier without a murmur or question from security. Hopefully this lack of consistency was an aberration."

Keith Mullinar East Hartford, CT

Home of the Boomerang

"The story even made it to Australia. I found it this morning in the Sydney Morning Herald I bet, your boomerangs did not look anything like the one depicted with that article, and also are not exactly of the tourist variety... typical misinformation from a country where the majority does not give anything about boomerangs."

Gunter Wandtke Sydney, Australia

Alternative methods

"I have several small box-type suitcases with similar size/shaped rangs rubber-banded together. I carry this case in the trunk of my car all the year long...no warps.... The few times I have flown with my suitcase of rangs, I secured the case with a broad nylon strap, tightly applied and secured with a special lock. Works for me."

B-man Rich Monroe, LA

A little more tact

"After reading the story, it looks to me that she did not get arrested for trying to bring boomerangs on a plane, but for insulting and walking away from a conflict with the officials and thus neglecting them."

Herman Peters Brussels, Belgium

More on pgae 17!

U.S. Open Box Scores							
NAME	ACC	мта	FC	END	TRICK	AUSSIE	
OVERALL							
Gregg Snouffer	38/1	157.68/1**	21.48/4	54/8	77/4	77/5	1
Adam Ruhf	23/13	111.78/3	18.74/1	69/1	90/2	76/6	2
Steve Kavanaugh	30/7	80.5/13	18.86/2	55/6	60/6	81/2	3
Casey Larrance	22/14	108.34/5	23.30/5	55/6	65/5	79/4	4
Jason Smucker	22/14	138.1/2	32.99/15	32/17	93/1	82/1	5
Mark Legg	30/7	96.01/6	34.81/18	56/5	53/8	72/7	6
Mark Weary	22/14	95.57/7	34.09/16	42/13	81/3	72/7	7
Betsylew Miale-Gix		67.56/21	25.53/8	60/3	49/10	57/16	8
William Gix	27/10	109.50/4	1.03.47/26	59/4	39/16	81/2	9
Doug Dufresne	27/10	72.92/18	37.39/21	64/2	51/9	70/9	10
Nobu	5/28	84.28/11	20.67/3	53/9	44/12	57/16	11
Stuart Jones	34/3	79.48/14	55.11/25	51/10	38/19	60/15	12
Barnaby Ruhe	32/6	66.49/22	23.75/6	30/21	29/22	66/11	13
Larry Ruhf	25/12	90.14/10	26.51/10	21/23	18/23	62/12	14
Billy Brazelton	35/2	54.99/24	28.36/12	42/13	38/19	42/22	15
John Koehler	30/7	95.19/8	51.1.1/24	10/27	31/21	62/12	16
Carl Morris	15/24	44.09/26	29.07/13	43/12	58/7	49/18	17 '
Peter Ruhf	34/3	74.57/17	27.18/11	30/21	13/24	26/26	18
Don Monroe	17/22	26.07/28	24.24/7	37/15	47/11	44/20	19
Dennis Joyce	10/27	75.59/16	25.65/9	31/19	41/14	46/19	20
Clay Dawson	16/23	80.52/12	47.66/23	46/11	41/14	32/25	21
Eric Darnell	19/20	62.84/23	36.15/20	17/26	42/13	68/10	22
Dan Neelands	22/14	91.45/9	85.0/27	18/24	9/26	61/14	23
John Cross	22/14	68.9/19	46.09/22	33/16	13/24	43/21	24
Nic Yeager	5/28	78.99/15	35.40/19	31/19	39/16	38/23	25
Byron Seward	21/19	68.15/20	34.33/17	5 28	39/16	38/23	26
Suzanne R. Lentz	19/20	31.23/25	310/29	18/24	2/28	23/27	27
Bob Foresi	14/25	39.21/27	110/28	DNP-29		10 28	28
Andy Cross	12/26	25.35/29	30.35/14	32/17		DNP/29	29
SPORT	12/20	20.00/20	00.00/11	02/11	2111/20	DIII /20	20
Matt Golenor	17/5	79.84/2	29.06/1	39/3	77/1	43/3	1
Daniel Bower	34/1	77.33/3	32.71/4	48/1	24/6	50/2	2
Richard Bower	30/2	63.33/4	32.95/5	22/6	37/4	51/1	3
James Stickney	12/9	85.44/5	110/ 12	41/2	49/2	40/6	4
Brien Trinen	22/3	23.33/11	44.13/8	33/5	26/5	24/11	5
Kendall Davis	12/9	41.48/7	50.90/10	18/8	21/7	41/5	6
Sponge	20/4	22.37/12	110/12	35/4	13/8	36/8	7
Laura Smucker	14/7	17.25/13	29.97/2	17/9	5/11	38/7	8
R. Pollock-Nelson	17/5	55.79/6	30.02/3	12/11	4/12	10 13	9
Kris Johansson	14/7	89.82/1	85/11	16/10	4/12	30/10	10
Bud Pell	8/13	24.49/10	35.59/6	11/12	8/9	42/4	11
London Hoff	9/11	27.86/9	40.63/7	9/13	40/3	18/12	12
Karen Dawson	8/13	0/14	110/12	21/7	8/9	31/9	13
Will Herlan	9/11	30.58/8	55.94/9	8/14	0/14	DNP/14	14
NOVICE		22.00/0	20.0 1/0	0,11			
Don Boone	25/2	13.51/2	110/ 3	6/22	3/3	42/1	1
Zoe Ruhf	27/1	0/6	29.27/1	5/38	1/5	20/4	2
John Gaston	22/3	40.84/1	85/2	1/40	4/1	16/5	3
Dana Carlson	21/4	11.60/4	160/4	18/1	0/6	8/6	4
Stephanie Parkins	18/5	11.70/3	600/ 5	1/40	4/1	25/2	5
			200,0	.,			-

Italian Nationals

Our old friend and Italian team member Maurizio Saba writes to share results of the Italian Nationals held earlier this summer. There were seventeen throwers competing.

Jacopi Belfi won the overall with a composite score of 24.5 points. That comes from first place finishes in MTA 100 (23.75 seconds for one longest throw), Trick Catch (50 points) and Endurance (29 catches). He

also had 4th in Aussi Round (45), 6th in Fast Catch (3 catches), and 9th in Accuracy (22 points).

Accuracy was won with 35 points (Renè Vonlanthen), Fast Catch with a 50.66 second round (Giovanni Lorenzoni), and Aussi Round with 63 points (Giovanni Lorenzoni, again).

E-Mail Bag

Gregg,

I got my MHR yesterday - great job! I like the new design, too. I'll try to come up with a couple of articles for the next issue, but the hardest part is finding something to write about. Feel free to come up with an idea for a story and then tell me to write it.

Billy Brazelton Minneapolis, MN

Gregg,

Great mag this time around. One thing, though. You've probably been told this, but in the pictures with "Tom Braush" (Issue 84) it's really Will Nolan from Richmond, VA! I thought you would like to know.

Matt Goleanor Nashville, TN

USBA,

I rejoined USBA a couple of months ago and quickly received a card and couple of decals...but haven't seen an issue of MHR. How much longer?

Eric L. Hendrickson Amana, IA

Dear Eric,

Sorry so long! I really need to quit my teaching job, so I can get this thing printed in a more timely fashion! (Unfortunately, then I wouldn't be able to make my computer payments! But remember, your USBA renewal is good for 4 issues... not one year. So you won't miss anything!

Gregg Snouffer

Ode to John Gorski

The sound of a bandsaw echos through out the shop. The smell of freshly cut 12 ply Baltic birch fills the air.

Thoughts of the sun, the beach and the perfect flight fill my mind.

Memories of boomerangs and friends still linger.

Damn, I just cut off my finger!

By Aron McGuire

MANY HAPPY RETURNS

Boomerang Clubs!

Contact info for boomerang throwers around the globe

UNITED STATES

ONLINE

BOOMERANG TALK—Your onestop, non-stop online boomerang club. Keep up to date on the latest info and chatter from the boomerang world. Join at: http://groups.yahoo.com/ group/BoomerangTalk/join

FLORIDA

Orlando—the Orlando Boomerang Club meets every Saturday morning at 9:00 to throw boomerangs at Memorial Middle School. For more information please contact Cookie (teamgel@msn. com) or Mike Hudkins (Fatfinger@cfl. rr.com)

MINNESOTA

Minneapolis/St Paul—Boomerang Organization Of Minnesota (BOOM) http://www.uboomerang.org current record-holder for most tournaments hosted in a season! Contact Stuart Jones (email: circlestixstuk@webtv. com phone: 651-228-1393) or Billy Brazelton (email: braz0026@umn.edu phone: 651-644-3086)

The Twin Cities Summer Series of Boomerang Competitions runs weekly through October on Saturdays at 3pm, at Como Park in St. Paul, MN.

These are fun, informal gettogethers, but anytime enough show up to throw, they will run events towards BoomerangUSA rankings.

OHIO

Canton—Gary Broadbent's boom shop and field next door. One of the most prestigious shops in the country, fully outfitted with materials for making all types of boomerangs. Featuring prolonged boomerang-making sessions followed by 3 am grilled cheese sandwiches, surrounded by one of the world's most extensive collections of boomerangs. Call Gary at (330) 492-RANG to inform of your arrival. Delaware—Gregg's Boom shop and field down the road. Stop in, make and throw some booms and sign the guest book. Nightly drink specials. Meet Mark Legg in person, as he shacks up at the shop in order to prepare for Germany 2002. Call Gregg at (740) 363-4414 or email at boomerang@columbus.rr.com

TEXAS

Houston—Dave Hughes is always partying with boomerangs somewhere in the state of TX. Join him for dinner and a throw. Email: (DAVID.HUGHES@BAKEROILTOOLS.COM)

More thrower reaction

"I almost got turned back by airport security (again) on my last flight for bringing home a rock from the beach... 'Stay back everybody, he's got a rock!""

Bill Sidney (Wachspress) Lawrence, Kansas

"We carry our booms on airplanes for the same reason musicians carry their instruments on, the booms are irreplaceable."

Clay Dawson Bellview, WA

"Items allowed in carry-on baggage include knitting needles, walking canes and umbrellas."

National Transportation Safety Administration



Bradley Partlow of Titusville, FL looks like he has gotten some throwing tips from Rev Jim! Mike Hudkins sent this photo of his friend's 2-1/2 year old son throwing.

Says Mike, "Bradley's dad Paul used to throw some with Rich Surace many years ago. My recent involvement got Paul back into booms."

FACT: 1) Two of the three US Boomerang Team 6-player Squads do not have any two players from the same state. 2) The US Team has players and coaches from 13 states. 3) Ohio has four, Washington has three, and Indiana has two players on the US Teams.

U.S and International Boomerang Manufacturers

United States Flying Frog Boomerangs

Tom Conally 1320 Cherry Drive Burlington, NC 27215 336.584.4046 14 models hand made and painted sport and fun boomerangs. http://fly.to/boomerangs conally@netpath.net

Master Designs Boomerangs

Kendall Davis 932 21st Street Rock Island, IL 61201 (309) 793-9885 http://master-designs.com (Boomerang info and crafts) http://master-designs.com/catalog (Direct to the catalog page) boomsmith@master-designs.com Specializing in beginner and intermediate boomerangs, with a few competition boo-

merangs. I also make lapjoint and specialty boomerangs (i.e. extra large boomerangs, and special colors - some fancy paint...) I have 15 models to choose from.

TBoomz

R. Foust P.O. Box 146 Whitsett, NC 27377-9744 336-697-1279 evenings best six models, just recreational [no competition] mostly baltic birch plywood and solid wood

Steven Graham

924 Yale Dr. Bartlesville, OK 74006 (918) 333-0730 grang@bartnet.net http://www.bartnet.net/~grang/ Steven Graham of Graham's Boomerangs, personalized boomerangs and didgeridoos made by artist Steven Graham

The Boomerang Man

Richard Harrisongiving fast, personal service since 1975....over 70 types of rangs from USA, AUSTRALIA, CANADA, SCOTLAND, FRANCE, GERMANY, BRAZIL. Order your FREE CATALOG sent via mail. http://www.theboomerangman.com

BVD'Rangs

Dave Hendricks 1086 East Gordon Street Allentown, PA 18109-2208 610-434-7305 bvdrangs@enter.net www.bvdrangs.com 15 different models in plywood and plastic. Also hardwood lap-jointed boomerangs

"Dr. Fred"

Fredric A. Malmberg, DPM 1545 East Market Street York, PA 17403 (717) 848-4601 fmalmb@pol.net

Info on products sold - "Top line rare wood lapjoint boomerang maker; usually made to order, and priced accordingly".

Colorado Boomerangs

Richard Pollock-Nelson 2530 So. Ouray Way Aurora, Colorado 80013 1-800-35-RANGS www.coloradoboomerangs.com Colorado Boomerangs offers 31 models that will not only blow you away, but keep coming back time after time.

REDI

Dietmar Reinig Holz- und Kunststoffvertrieb Hohlweg 7 64686 Lautertal Germany Tel: +49 6254 1593 Fax: +49 6254 842 email: mail@rediboom.com Internet: http://www.rediboom.com/ englisch/ your partner in boomerang sports. All you want for boomerang sports. All you want for boomerang sports. Wood, Plastics, boomerangs, blanks, DIY kits, construction plans, literature, a detailed history, throwing instructions, how to build boomerang, etc.

Bullseye Boomerangs

Brett P Reish RR#1 Box# 1349 Stroudsburg,PA 18360 (570) 421-1720 Bullseye@noln.com

Roundtrip Boomerangs

Gregg Snouffer 340 Troy Rd Delaware, OH 43015 Phone: 740-363-4414 boomerang@columbus.rr.com Making quality beginner to comp boomerangs since 1986. Retail and wholesale orders of wooden boomerangs and plastic Tantrum three-bladed indoor and backyard boomerangs. Can do large quantities and commercial orders.

Whishhbone Boomerangs

John Villagrana P.O. Box 2393 Santa Fe Springs, Ca. 90670 whishhbone@email.com http://whishhbone.freeyellow.com traditional boomerangs hand crafted from Finland Birch plywood

Gary Villard

3301 23rd. N.W. Canton, Ohio 44708 330-477-2324 medic@ezo.net big and little Highlander, Midge, Bonas and the new solid carbon fiber Windfree.

Boomerangs by Ted Bailey

Ted Bailey P.O. Box 6076 Ann Arbor, MI 48106 Phone: (734) 971-2970 http://www.flight-toys.com Boomerangs, Slings, Bolas, Atlatls and Throwing Rings. All of these aerodynamic devices have their roots as primitive airborne missiles used by early man for both weaponry and sport. Flight-Toys is your one-stop-source for information about these flying toys and hunting devices.

Leading Edge Boomerangs

Chet Snouffer 1868 Panhandle Rd Delaware, OH 43015 Phone/Fax: 740-363-8332 email: leadingedgechet@columbus.rr.com www.leadingedgeboomerangs.com Home of Chet Snouffer, 12-time National and 3-time World Champion! Web site offers a wide variety of boomerangs and related products, as well as contact info for arranging speaking and motivational engagements with Chet, the Jet!

Aboriginal Steve's Boomerangs

Steve Conaway 169 Cook Dr. Fillmore, CA 93015 steve@vcnet.com

International

Jeff Lewry—Australia

www.users.bigpond.com/jefflewry/ This web page has a variety of information about boomerangs, wood turning and ornamental capitol letters that can be downloaded to your computer for use in your documents. The boomerang page includes history and stories that are fascinating.

Jens Krabbe—Denmark

Ringkøbinggade 15, 4.th. DK-2100 Copenhagen DENMARK +45 3543 4475 Jens.Krabbe@sas.dk http://www.geocities.com/JensKrabbe/ booms/mine/designs.htm I have developed a handful of small and light booms in 4mm plywood. Of these, the Extacy is by far my favorite.

Wallaby Boomerangs— Canada

Stéphane Marguerite 5026 Cartier, Montréal, QC, H2H 1X5, CANADA Tel: (514) 597-1333 Fax: (514) 597-2281 www.wallabyboomerangs.com info@wallabyboomerangs.com sport boomerangs for beginners and experts

Bumerangue.com—Brazil

Ricardo Bruni Marx Estrada da Fazendinha, 4619 Carapicuiba - SP - Brazil Tel: (55) 11 7856-1440 / Fax: (55) 11 4169-7551 web: www.bumerangue.com <http://www. bumerangue.com> e-mail: webmaster@bumerangue.com Pyments: VISA and AMEX.

Georgi Dimentchev—Bulgaria

http://monsite.wanadoo.fr/dimana boomerangs/ Georgi is one of the most innovative composite MTA makers in the world. See his entire line, which are readily available shipping.

The USBA provides this listing as a free service for members. For your own free listing on this page, email your info to Gregg Snouffer at boomerang@columbus.rr.com

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Email: nic.yeager@voicestream.com	Oct 1 for the Winter, Spring, Summer and Fall issues respectively.
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elaware, OH 43015 Phone: (740) 363-4414 Email: boomerang@columbus.rr.com

UNITED STATES BOOMERANG ASSOCIATION

340 Troy Road Delaware, OH 43015

Phone: (740) 363-4414 Fax: (740) 548-0710 Email: boomerang@columbus.rr.com



Many Happy Returns!

We're on the web! www.usba.org Andy A. Cross (85) 50 Falshire Terrace NE Calgary Alberta T3J 3B3, Canada

Calendar of Boomerang Events

For the most complete and up to date listing of boomerang events, check the USBA web page at www.usba.org

July 13: Colchester, VT - Vermont boomerang tournament: The tournament will be held at the same location as the two previous competitions - Fort Ethan Allen in Colchester, Vermont. A map and directions to the field can be found at the new Vermont Boomerang Association website: www.vermontboomerang.org. Paul Gustafson South Burlington, VT 802-864-3212

July 28-Aug. 9: Kiel, Germany - Boomerang World Cup: The best throwers from around the world will be meeting in Germany to determine the 2002 Team Champions as well as the 2002 Individual Champion. Twenty-four national boomerang teams are scheduled to show up and throw down. Get the inside scoop on this event and follow the action live online at www.boomerang2002.de

Aug. 11: St Charles, MO -Boomerang USA Series, part III: A fun day of throwing with Spike and friends. Oh, and the scores count! Contact: Spike Frazier at email address: acdboom@swbell.net

Aug. 24: Salem, OR - Annual Western Oregon Boomerang Roundup: The 15th Annual Western Oregon Boomerang Roundup will be held at the McKay High School Soccer Fields. Registration begins at 8:30 and events begin at 9:30. There will be a minimal registration fee to help defray expenses. This tournament is normally held in July, but with World Cup it will be in August this year. A good time is guaranteed for all! Contact Dean Kelly by email at b o o m c h u c k @ a t t b i . c o m o r

dean.a.kelly@state.or.us or by phone at: h - 503 581 8050 or w - 503 986 0042.

October 17-19 2003: Austin, TX - The 2003 USBA National Boomerang Expo: This annual weekend of boomerang events, including the national championships, distance and craftsmanship design competitions, seminars and boomerang parties travels to Austin! Contact tournament director Dave Hughes at: DavidHughes@bakeroiltools.com

For your event to be listed here and on the web page, www.usba.org, please email boomerang@columbus. rr.com