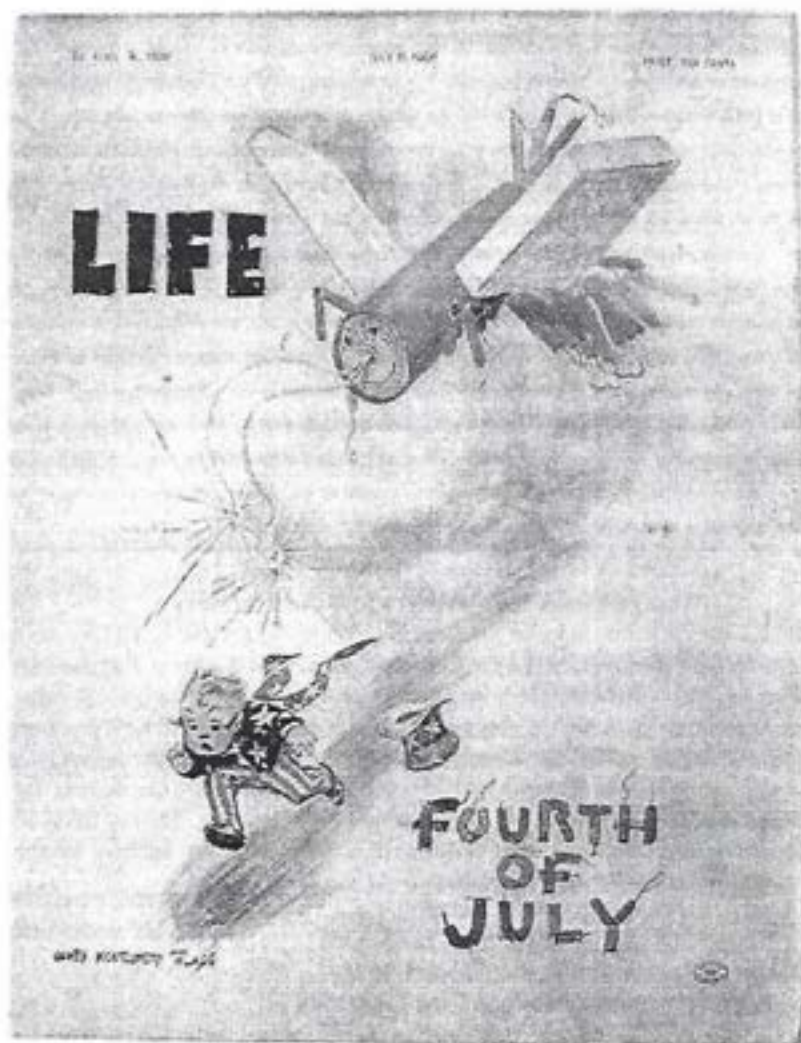


W P A

Western Pyrotechnic Association

Newsletter

Volume 11, Number 4 - August 2000



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The WPA Newsletter is published quarterly by the Western Pyrotechnic Association, Inc. Articles submitted to the Newsletter may be on any topic of potential interest to WPA members. The Newsletter Staff will do their best to publish any reasonable manuscript submitted by WPA members. Electronic submissions of manuscripts is strongly preferred. Guidelines for preparing manuscripts appear in the first issue each year. If you have an article, advertisement, or other information you wish to submit to the Newsletter, please send the material to:

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Temporary Vacancy

Welcome to our first official newsletter of 2000! Yes, it's been a long time coming, but I'm happy to see it finally arrive! This first issue by Dimitri Timohovich and his newsletter committee is being printed in the previous format due to time constraints. Future issues will have color covers and be more magazine like in quality. We all owe a big thank you to the entire newsletter committee for stepping up to the plate when Frank could no longer do so.

This is also my first official letter as President of the WPA. Yes, it's been more work than I had thought it would be, but I'm pleased at the progress that the Board has made to date, and proud to be the leader of this great organization.

As you know from the letter that went out several weeks ago, Havasu will be our WinterBlast site once again next year. I am personally spending much time with the Lake Havasu Tourism Bureau in order to guarantee a fair deal for the WPA. For those of you who do not know, Kurt Medlin, who was our chairman for WinterBlast II, is back again. This time he has teamed with Beckie Timohovich as co-chair and, together, they are developing a well organized program for our convention. If you would like to join the WinterBlast team, send an email to Beckiesworld@yahoo.com and offer your services. I can promise you a new food vendor next year, at least two B shell shooting sites, a better location for the rockets and open shooting that never stops. We come for pyro and need to have time for pyro.

Your Do It by the River registration form is enclosed with this newsletter. Make your reservations early as we're sure to sell out after last year's successful event. Count on more great, hands-on seminars, class C for sale and, as something new, Class B for sale as well! That's right, the club has an ATF user's permit which we will be using to purchase class B shells that we will re-sell at the event. If you purchase a shell or shells, you will receive tickets for these, which you can then exchange for product on the Class B line. Anyone intending to shoot class B MUST attend a special shooters safety class prior to shooting. Anyone shooting class C must also attend a class. Let's have fun, but let's be safe.

Finally, let me add a few words about the folks who volunteer their time so that this organization can exist. Mike Workman's schedule finds him flying all over the world, but he is rarely further than his email and is always there in a pinch to offer advice and to offer his time to help with Do It, the Newsletter or whatever is needed. Kathy Baird has straightened out our finances and our checkbook and is now trying to straighten out our taxes. She spent countless hours helping with WinterBlast registration and has already offered to do so again. Keith Nupuf never sleeps so he sends me WPA emails at 3:00am, always offers his home for meetings and gatherings and is our message center for those needing to find one of us. These are the unsung heroes of the WPA and they deserve your thanks and recognition. When you see them at Do It or WinterBlast, say hi and "thank you." Without volunteers like these, there is no WPA. It is a pleasure to serve on the Board of Directors with them.

I look forward to seeing many of you at Do IT. Until then, stay green,

Welcome to the second WPA newsletter for 2000. I, as well as all the committee members, hope all our members enjoy and learn from it. If anyone has any questions or comments (good or bad) about this issue or if you would like to submit an article for future publication, please email me at rvtemt@attglobal.net. Your feedback is very important to us. It will let this committee know what you want to see in future issues. Our goal is to provide a quality newsletter with information that is of interest to all members. We are exploring options for color covers as well as a color photos with the articles and we hope to have serial articles in each issue.

This has been a quick labor of love for the newsletter crew. We were all sad that Frank had to step down from his position and we all wish him well, he did and excellent job and we are sad to see him go. But I must commend this crew on a job well done. As we all saw, it wasn't an easy job, especially with me in Boise for most of the time. I also want to take this chance to personally thank these people for making this happen. I would first like to thank my wife Beckie, who constantly deals with all my numerous ideas and projects, with little dispute. Thanks also to Bob and Irene Allen, who were a key part in the production aspect of this newsletter. Irene has extensive experience with putting together newsletters with her involvement with the Rose Parade and has been essential in getting this project off the ground. I also want to thank the members of the BOD for their support and input. Last but not least, I would like to thank, Steve Majdali, Warren Kloforn, as well as Bonnie and Ken Kosanke for their articles and input. This newsletter would not have been possible without the efforts of all these people.

Thank you and enjoy

I am honored to greet all of you as the new President of the WPA. Winter Blast is perhaps one month gone as I write this, and a memorable Blast it was. We all owe a great deal of thanks to Jose Marquez for stepping up to the plate as convention chair. Additionally, thanks to all the convention staff for helping all of us enjoy ourselves again. Yes, there were problems and mistakes but, overall, things went well and now we know what needs to be changed. Over the next few months I expect to spearhead a movement to find the best arrangement for WinterBlast 2001. Whether we are back at Lake Havasu, or off to greener pastures, I promise to help find the best place for us.

I always look forward to the Blast to make new friends and visit with old ones. This year was no exception. It was great putting faces to fellow members that I knew by phone or email only! Now that Do It by the River will become our second annual event we all have at least two events each year to gather as one big pyrotechnic family. Additionally, I have asked your newly elected area vice-presidents to hold at least two meetings per year in order to transmit information and to just have a gathering where we can all get to know each other a little better. As the WPA grows in size, it is important for all of us to maintain that sense of belonging to something more than the WinterBlast club. I urge all of you to participate in your local meetings as well as our

two main events.

Although there are still some WinterBlast bills left to be paid, I am delighted to report that our treasury appears quite sound, our insurance has been upgraded and is paid in full and our accounting and tax situation is being handled. Our treasurer, Kathy Baird, has done a magnificent job of getting our fiscal house back in order.

Just in time for the new millennium, Keath and Miki Nupuf and Sean Hale are in the process of totally revamping our web site. Look for the new and improved WPA site to be back on line around May first or so. Photos, a new Do It page, updated WinterBlast 2000 information, legal info, and more is coming your way.

For those who were lucky enough to attend the first Do It by the River, and for those who are still kicking themselves for not attending, Do It 2 has been approved by the Board. The Avi Hotel and Casino will be the site once again for three days and nights, October 19-21, 2000, in Laughlin, NV. Mark your calendars and plan on smelling the smoke with us one more time. Chairing the event once again will be yours truly, with Dimitri Timohovich as co-chair. Look for more great hands-on pyro and day long shooting hours for your experimenting pleasure.

Having just completed the Board's first meeting since WinterBlast, I can report that we are energized and focused on a common goal to make the WPA the best that it can be. Look for answers, not questions. Look for results, not apathy. Look forward to the new WPA!

Letter the Vice President

by Michael L Workman

The first part of the year 2000 has been another fun one for the WPA. The Board has covered much in it's letter, so I will focus on one issue that concerned our club and the Pyro community in the last year that has come to resolution. Greg Boyd and his team of lawyers have wrapped up his case with the State of California. While I will not go into the particulars, I would like to say that the outcome is pretty darn good. Greg, of course, will not be returning to the big house, nor will he have any items on his record that will prevent a continuation of his Pyro career (or any other career for that matter). We have come a long way from a situation that would have put his mug on the cover of Time magazine (hint: not Man of the Year).

The Pyro Community banded together to help Greg, and the Pyro community should take time to congratulate itself and each other for an outstanding show of support for one of our members. Speaking of members, the BOD voted unanimously to reinstate Greg's membership, and you can now have discussions with him on the subject of Pyrotechnics.

All of you who have contributed to the Boyd defense fund, I wish to thank each of you so much for your generosity and concern. Roughly speaking, we took in about \$15,000 toward his defense to date. For those of you who wrote letters, sent books, or just sent advice and counsel during what were very difficult times, I thank you, and Greg thanks you. For those of you who could still help and are willing, the Boyd defense fund is still open, and all of the funds remaining are committed. In fact, part of the "deal" in finalizing this case involves restitution to the State for "cleanup" activities, and we are about \$30,000 in the hole. Yes this case was expensive. If nothing else, the lessons learned here for all of us are pretty clear: Stay legal, State and Federal because like it or not, reasonable or not, following the spirit of the law is not

enough. Permits and licenses at all levels are a must to conduct our hobbies and professions (I know the professional guys and gals have figured this one out a log time ago).

Greg has had an amazing show of support from many of you. But it would be improper of me not to mention a few of the amazing people who contributed much time and effort or funds toward reaching this conclusion. Dr. John Steinberg (John was a wonderful pillar of strength for all of us, and his efforts to secure counsel on day one, as well as expert witnesses, were priceless), Harry Gilliam (good ol' Snerd comes through again), Ken Kosanke (a serious expenditure of time and effort, Ken is a good man, and he deserves some serious thanks from all of us), our legal counsel of John Brooke and his associate Doug Mawhorrr. Kief Adler gave more moral support than can be imagined which is also priceless. I apologize up front if I missed anyone. Just a refresher, I would like to recognize some of you again for your contributions to the BDF:

Mike Gottlieb
Frank Feher
Donald Oesterle
Jack Leonard
Anonymous
John Steinberg
Curt Dunnam
Duane Turos
Harry Gilliam
Glenn Vodhanel
Bill Vogler
Pete Wood
Gerald Kyle
Gary Lillich
Richard Cole

Sam Bases
Gene MacLean
Chris Spurrell
Curtis Thompson
Fred Ellis
Shawn Ashbaugh
Charley Wilson
Ken Kosanke
Mike Gill
William Boggs
Steve Hubing
Randy Lee
Myke Stanbridge
Mike Workman
Danny Baggett

Keath Nupuf
Kief Adler
Sean Hale
Gerry Gits
Bill Vogler
Keath Nupuf
Mikki Nupuf
Lauren Workman
Max Workman

From the bottom of my heart, thank you all. Good job.

ANNOUNCEMENT

If you are a life member, charter member or former Board member, the current Board of Director's is looking for you. We are forming a WPA Advisory Committee and it's members will consist of any current WPA members who qualify according to the above mentioned characteristics. Interested parties should contact Kief@pyro.org or phone 818-991-8605. The Board will select a chair from the interested parties and the committee will not only serve to assist the Board as needed, but will also meet once a year during the Blast (a la PGI's "old snorts").

Here's a quick report about the Winter Blast 2000.

We had 539 members including spouse members attended.

The total number of guests was 549.

The total number of attendance to Winter Blast 2000 was 1088.

Since the WPA President sent out the letter to inform members of delay of publishing newsletter, I'm getting so many phone calls and emails regarding membership status.

First, you will find your membership card mailed with this newsletter. Due to computer / equipment problem before, during and after the Winter Blast, we know lots of members couldn't get their membership cards onsite. Please make sure your name on the card is correct. If you didn't receive your membership card or your name was wrong, please contact Keath Nupuf at (818) 993-6173 (9:30am - 8:00pm PST) or keath@pyro.org (preferable).

Second, if you got message "Membership Expired", it means either your membership fee is due or somehow your payment information was not updated correctly.

Please accept our apology for causing you inconvenience despite of hard work and lots of help before, during and after the Winter Blast 2000.

Stay green

Treasurers Report

by Kathy Baird

As treasurer of the WPA I have been busy adding and subtracting. The WPA began 2000 with a *BLAST*. WWB2000 was a financial success. We took in over \$69,000 dollars from registrations and vendors, and even sold \$165.00 worth of WPA mugs. We spent a little over \$ 56k paying for all of our fun. And as of today, we have \$38,424.84 in our treasury.

Summer time is very quite for the office of the treasurer. I have heard from many members about the Pyro-fun that was experienced during this years Fourth of July festivities. I became the 'mother-of-the-bride' in June (which is something no other current WPA Board member can do), so I have been glad the job has been slow.

We now are on the verge of DO-IT. Time to warm up the calculator and ink the deposit stamp, as arrangements are coming together. I know there will be a good turn out and all who attend will again know the thrill of belonging to the best pyrotechnic association this side of the Rockies. Be sure to make your arrangements early!

The WPA has brought some money in this year, we have spent some money, and we still have some money. What more can a treasurer want.

January 1 to June 30, 2000

Income

Membership	\$ 23,782.00
WWB2000	69,718.00
Other Income	<u>3,432.21</u>
Total Income	\$ 96,932.21

Expenses:

Convention: WWB2000:	
Registration Supplies	\$ 7,942.75
Rental Equipment	3,382.88
Site Preparation	7,094.53
Vendor/Flee Market sites	6,930.36
Security	2,784.00
Miscellaneous Expenses	12,623.85
Public Display	<u>16,046.44</u>
Total Convention	\$56,804.81

General Operations:

Insurance	\$13,663.00
Professional Fees	2,500.00
Officer Stipends	1,190.00
Supplies, Postage, Printing	2,361.52
Repairs	<u>315.88</u>
Total General Operations	\$20,030.40

Total Expenses

\$76,835.21

Net Income

\$ 20,097.00

Western Pyrotechnic Association, Inc.
Profit and Loss Statement
January through December 1999

Income	
Interest Income	133.39
Membership Dues	11,895.00
Business Sponsors	8,000.00
Registrations	71,450.82
Total Income	91,479.21
Expense	
Convention Expense:	
Advertising/Promotion	1,303.00
Badge Holders	3,381.00
Display	20,143.82
Room Comps	2,120.85
Shirts, Mugs, Pins	2,952.00
Insurance/Liability	3,989.93
Licenses and Permits	100.00
Medical/Safety	915.98
Registration Supplies	1,474.13
Rentals: communications	1,375.00
Rentals: convention site	1,400.00
Seminars	3,773.41
Site Preparation	2,790.64
Support Services	4,651.16
Vendor Infrastructure	520.00
Tents, Tables, Chairs, etc.	6,532.75
Transportation	1,561.61
Security	3,102.00
Total Convention WWBX	62,087.28
Do It Expenses	5,573.29
General Operations	
Advertising/Promotion	2,504.48
Bank Service Charges	40.00
Telephone/Communications	1,720.96
Insurance	4,317.29
Licenses	200.00
Office/Miscellaneous Supplies	1,721.63
Professional/Accounting fees	1,600.00
Racks	504.92
Taxes	899.71
Postage/Printing	3,702.93
Total General Operations	17,211.92
Total Expenses	84,872.49
Net Income	6,606.72

DO IT '00

by Dimitri Timohovich

I am happy to announce that Do It '00 is in its planning stages and raring to go. As co-chair this year, I hope to help make the event even more spectacular than last year's event. I want to first thank Kief Adler for making Do It '99 an incredible success, in spite of many obstacles that made many of us think that it wasn't going to be a reality. I would also like to thank Kief for his efforts in coordinating this year's event. It would not be possible without you.

Secondly, I would like to put out an official volunteer call For Do It. Our volunteers are what make this club strong and without them, our events would not be able to happen. This year is no exception. We will need help in all aspects. I urge anyone planning to attend to help out. A little bit of time and effort is all we need. Do not forget, we will be able to shoot all day long, but without volunteers for safety and security, that will not happen.

I hope to see many of you there this year and encourage all of you to help out in any capacity you can. Any questions or comments? Email me at rvtemt@attglobal.net.

Call for Volunteers

by Beckie Timohovich

Plans for Do It by the River '00 are in full swing. T-shirts, programs, and flyers are being designed, rooms are on hold for us to call and reserve, vendors are set, and our President, Kief Adler is heading it all up with his trusty sidekick Dimitri Timohovich once again. These two are working hard to make sure we top last years 'Do It' with new thrills and fun adventures. From the 'Pumpkin shells' that opened last year's event to the 4" salute cake cato that closed it, this year's Do It promises to continue providing our members with pyrotechnic delights.

We have a dedicated group of people working hard to bring you all the fun and learning that they can, however (you knew there was a catch) we need more help. We are looking for people who are willing to help with all sorts of things like the setup and tear down of the event, safety, plus much more. If you would like to pitch in, get involved, jump on the bandwagon and come along for a wild ride, please email me, at Beckiesworld@yahoo.com, or you can call me at 818-662-9721. Leave a message and I promise I will get back to you as soon as I can.

DO IT - BE THERE !

Budget for Do It 1999

Revenue:	projected quantity	actual quantity	Projected \$
Vendor Tables	6	8	\$150
Member Registrations	100	151	3500
Spouse/Child Fees	25	80	250
Spouse Seminar Fees	10	13	100
Extra T-shirts	25	39	375
Misc. (safety glasses)	0	3	0
Total Revenue:			\$4,375
Expenses:			
Flyers and Programs	800 sheets	875 sheets	\$33.50
Wrist Bands	500	500	100
Tent Rentals	1	0	270
Port-a-potties	4	4	192.5
Radio Rental	15	15	175
First Aid	1	1	112
Signs	3	3	200
Insurance	1	1	25
Site Set-up Supplies	1	1	100
Postage	100	150+	20
Security (staff)	32 hrs.	56.5 hrs.	480
Transportation	1	1	100
Seminar materials	110	150	550
T-Shirts	150	202	1200
Staff Badges	20	20	75.4
Contingency	1	1	150
Magazine Rentals	0	3	0
Trailer Rental	0	1	0
Fire Brigade		3 man crew	0
Generator Rental		1	0
Registration Supplies	0	1	0
Registration Refunds	0	7	0
Total Expenses:			\$3,783.40
Net Profit:			\$591.60

Actual \$

\$100	100 used in trade for product to kick off Do It
5250	one registration comped in exchanged for Signs
800	
130	
585	
6	
\$6,871	
\$109.07	
94.61	
0	tents were supplied by the hotel and shade covers by members
192.5	
53.75	we had a credit with J & R Radios: actual cost of rental was \$253.75
76.3	comped hotel room for 2 nights
85	comped registration and membership in exchange for signs
25	for certificate with named additional insured
217.09	
72.5	for confirmations and mailing T-shirts only
731.68	12.95/hour
21.49	gas reimbursements for bringing equipment from Havasu & back
50	Most supplies were donated
1708.5	
100.5	
10.47	Fix-a-flat for trailer tire
267.72	Magazines were previously being donated
76.65	No vehicles were available to return supplies to Havasu
1410	A last minute requirement by the hotel
123.8	
37.75	
245	of this amount, \$85 was donated to the Greg Boyd Defense Fund
\$5,505.70	
\$1,365.40	

Fireworks From the Magazines

by Warren Klofkorn

The history of fireworks in the United States remains scantily documented. However, for those curious enough to look, there is much interesting material to be found. One can find books, manuscript items, collectibles such as old cracker packs; and one can find art – art in the sense often meant by art historians. A decade ago I collected the articles and stories that would form my two collections, *The Day We Celebrated* and *Bonfires & Illuminations*. One frustrating part of that effort was that I found along with the material that was suitable for re-publication a number of drawings, illustrations, prints, and so forth that were not possible to re-publish in those collections. The discovery of these graphics led me to a continual search for additional fireworks-related art.



Much of what I have found appeared originally in magazines and newspapers. The nature and quality of the finds varies tremendously. In the US, fireworks-related art in the periodicals had its heyday from about 1850 through 1950. The first two decades of that period produced some of the finer material. Sometimes, one can find wood engraving prints made on rag paper from this period that are still in fine quality. Toward the end of the 19th century, the physical quality of the material decreases as we increasingly find material made on deterioration prone wood pulp paper. However, the quantity of material to be found from this period is also greater. We find more and more material printed in color from around 1900 on.

Fireworks From the Magazines - continued . .

The art I have found seems to be very reflective of the eras in which the respective pieces were produced. They mirror the people of the times, as well as the fireworks of a bygone century. Some of this art is commercial in nature, but more was meant for general entertainment or edification. The artists who produced fireworks-related materials included unknown illustrators, as well as leading commercial artists of their day such as James Flagg and Albert Levering. Some of these artists, such as Frederick Remington, still enjoy favor among serious art historians.



The near extinction of literary material that hit with the so-called Progressive Era and the anti-fireworks campaign that was a small part of that movement is not seen in the art. The amount of art seems to decrease slightly, but there is still much to be found if one looks in the right places. A good place to begin is with a trip to a major library to look through the old stacks – I found the University of Michigan Buhr stacks to be invaluable. At the library you can see first hand what you seek in the marketplace, and create a want list. Then it's on to the antique shops, ephemera dealers, and of course, E-Bay.

Please feel free to e-mail me with questions, tips, or comments about fireworks-related art. I always want to share what I know, and remain eager to learn more.

Simple Black Powder Rockets

by Steve Majdali © 9 June 2000

Many people avoid black powder rockets, feeling they can't produce them without expensive tools. This article will show how to make effective rockets with homemade tools. For convenience, we'll stick to the 2oz. Size (3/8" ID x 3 1/2" long tube) but larger sizes are possible using this method. The standard 2oz. casing fits inside common 1/2" schedule 40 PVC pipe which can be used for a reinforcing sleeve if high pressures are used for ramming.

Tools:

- small rawhide or deadblow mallet for consolidation of clay and composition
- 4" flat ended piece of 3/8" hardwood dowel or aluminum rod (actually, any non-sparking metal will do) for a rammer
- 1/8" drill bit
- 1" piece of 1/2" schedule 40 PVC pipe (to make a drill guide)
- a stump or wood post (minimum 4" x 4" x 2 1/2" tall) as a ramming block
- a metal plate with a smooth and flat surface to pound on

Materials:

- potassium nitrate, fine powder
- charcoal, both airfloat and 80 mesh
- sulfur flour, fine
- fireclay (or your favorite form of dry powdered clay for nozzles)
- 2oz. casings (available from suppliers or homemade)
- guide sticks. These can be bamboo skewers or cut from lumber, but must be the proper length

2oz. End Burner	1	2
Potassium nitrate, fine	75.0	75.0
Charcoal, airfloat	12.5	12.5
Charcoal, 80 mesh	-	2.5
Sulfur flour, fine	12.5	10.0

- glue, paste, string, kraft paper, safety fuse, et cetera as needed

Composition:

Method:

Casings are available from commercial suppliers (Skylighter, Iowa PyroSupply or Firefox for example) or a simple casing can be made using 3" gummed kraft tape (the type used to seal cardboard cartons). First a form is required which has a 3/8" (or slightly larger) O.D. for rolling the paper tape on. The form must have a smooth surface so the casing can be slid off the end when formed. A 6" polished aluminum rod works well. Take the form and roll enough paper tape tightly on it to give an O.D. to the casing of 9/16" (this is to determine how long a piece of tape is required to get a proper casing).

Cut enough strips of the tape to produce the number of casings desired and lay them aside. Take one strip at a time and dry wrap the first layer, being careful to align the edges of the tape (this produces a better looking casing). With a moist (but not dripping) sponge, wet the rest of the strip and quickly roll the casing up. With a 6" piece of 1" x 4" board, roll tightly over the casing on a hard surface (such as a table top) to squeeze out air bubbles then quickly remove the casing from the form and set aside in the shade to dry. With a little practice the technique will be second nature and can result in substantial savings for limited runs (working with your hands this way can be therapeutic as well).

It is best to ram the clay in one increment, as several increments would weaken the plug. Making a scoop for this purpose (and for charging the composition) is useful. A brass pistol shell casing with a nail soldered to the side makes a useful scoop. In a pinch, a 1/2" strip of a playing card folded into a "vee" shape will suffice.

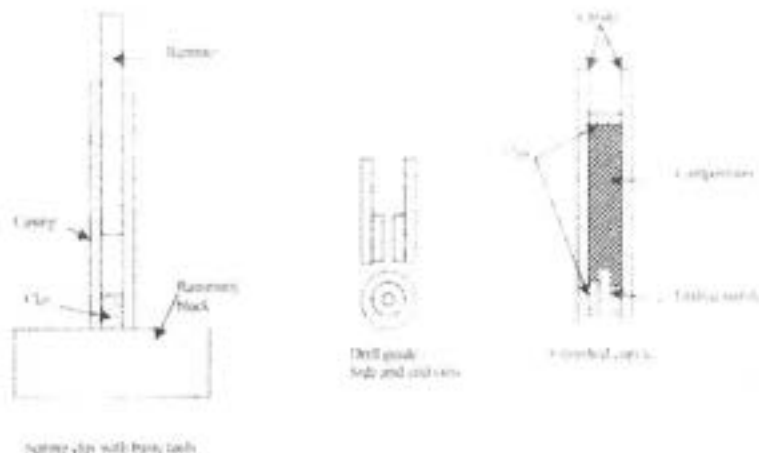
Place a fully dried casing up-ended on the plate set on the ramming block. Holding the casing tightly against the plate (to prevent spillage) and add enough fireclay to form a plug equal to the I.D. (minimum) of the casing (the amount of fireclay required is determined by experimentation) when rammed tight. Using the rammer and mallet, ram the clay tightly into the casing using as many blows as it takes to solidify the mass without rupturing the casing. Remove the rammer and tap out any loose clay. Wipe any clay adhering to the rammer off as well. Add a scoop of composition to the casing and ram solidly with several blows (the same as for the clay). Repeat this step till the casing is filled to within 1/4" of the top. Next, cap the top end with either a scoop of clay or ram a bit of paper in to close off the casing (this step is omitted if a heading is to be added to the rocket).

Now the nozzle is formed by drilling a 1/8" hole through the clay plug and into the composition, twisting the drill bit with the fingers. It is imprudent to use any power tools to do this as the device may take fire and cause damage and/or injury. A drilling guide is used to facilitate drilling the nozzle. The drilling guide can be made from a 1" length of schedule 40 PVC water pipe. One end of the drill guide needs a 1/2" thick plug (of wood, metal, resin or even rolled and pasted paper) with a 1/8" hole drilled through the center. This guide is slid onto the casing up to the clay plug and the drill bit put through the guide hole to drill through the clay and into the composition.

The depth of the hole in the composition should be determined by the desired effect. Barely entering the composition will give a lower initial thrust and an even push to the rocket, an end-burn. Drilling deeper into the composition will give a higher initial thrust and lift a heavier payload but if too deep may burst the casing or blow out the nozzle, a semi-coreburn. Experimentation is called for to determine the proper depth for drilling.

Attaching the guide stick and fuse finishes the rocket. The guide stick should be

about 18" long and at least 1/8"x 1/8" square (wood dowel can be used but is harder to align for a straight flight) and attached along the bottom half of the casing.



See you at:

"DO IT BY THE RIVER"

New Firing System

by Dimitri Timohovich

After a heated search by our president, the generous couple that volunteered to donate a firing system to the club has been located. Our organization would like to send out a heart-felt thank you to Rein and Nancy Beuwkes for their generous donation to our club. A team is looking into different systems and will be making a decision soon. The system will be primarily used to fire student devices and "experimental" items from safe distances. We thank you for your efforts to make our club safer and I personally invite you to fire the first set of shells with the new system.

Thank you both,

Fireworks Displays – Abnormally Dangerous Activity ??

by K. L. Kosanke

Most of the fireworks display industry is aware of the ruling of the Washington State Supreme Court, which declared the conducting of fireworks displays to be an abnormally dangerous activity.^[1] In part, that ruling was based on their considered opinion that, by their very nature, fireworks displays could not be performed safely. One ramification of declaring fireworks to be an abnormally dangerous activity is that in the event of an accident, negligence is no longer a consideration regarding liability. In legal parlance this is referred to as "strict liability". Under normal liability, in order to win a judgment it must be shown that a defendant was negligent (i.e., failed to conduct himself as a "reasonable" person would have under the same circumstances). Thus, if a display operator and crew always do what reasonable persons would, they would not be negligent and would be victorious if sued. (At least this is true in theory.) However, under strict liability, about all that a plaintiff needs to prove in court to win a judgment is that they were injured by the display. Obviously, this is a far easier task, and a situation likely to have ramifications affecting insurance rates and a sponsor's willingness to put on displays.

Obviously the situation in Washington state is of concern for display companies doing business there, but the concern extends beyond Washington state. Courts in other states are being petitioned by plaintiff's attorneys attempting to win similar rulings. Legal precedence being what it is, the decision by the Washington state supreme court is being cited as part of the legal argument in other states. For example, in Arizona a judge recently ruled that fireworks displays were "inherently dangerous", thus making a sponsor liable for the misconduct of the display company it hired.^[2] In part the finding was based on the Washington state case.

- Since display companies are concerned about having fireworks displays declared an abnormally dangerous activity it would seem foolish for any display company to act in a manner that would make it more likely that the strict liability standard will come to be applied in more states. Even if there might be a short term gain for the company, the long term result will hurt that company along with everyone else in the industry. This is one reason that

for the Outdoor Display of Fireworks. By addressing more display practices, in greater detail, the code helps to make it less likely that an individual display company will engage in conduct that harms the entire industry. For this reason I was surprised by the actions of a major display company. The following account is presented in the hope that similar conduct, on the part of this or any other company, will be discouraged. Because some of the details of the incident may be in dispute, and because it is only the type of inappropriate activity that needs to be discouraged, the company, display dates and the site will not be identified.

The incident involves a display in which most 8, 10, and 12-inch shells were fired from paper mortars placed directly into quite moist sand. The contract for the display required following NFPA-1123, which requires that:

"2-3.3.1. Under conditions when paper mortars may be damaged by placement in damp ground, paper mortars shall be placed inside a moisture resistant bag prior to placement in damp ground."

It was about 34 hours before the time of the display when the moisture damage problem was identified and confirmed by inspection. Except for the opening barrage and finale, about 80% of the display had already been loaded. The company representative on site refused to acknowledge the problem and thus refused even to attempt to limit its seriousness by removing the mortars and placing them in plastic bags as clearly required by NFPA code. Instead, the display company representative raised the following objections and reservations:

- The code states "damp ground", not damp sand, and thus it does not apply;
- This is the way the company always does it, and they have never had a problem;
- If the mortars are placed in plastic bags, they will pop completely out of the sand and up into the air, thus possibly falling on and damaging other equipment;
- The moisture had/would penetrate through no more than two or three layers of paper;
- There was not enough time left to correct the problem;
- If the company were made to put the mortars in plastic bags, they would refuse to fire them for "safety" reasons;
- The use of plastic bags was itself a safety problem because they would catch fire from sparks, and there would be premature ignitions;
- Those who wrote the NFPA code lacked the experience required to understand the problems associated with mortars in plastic bags;
- Any minor loss in strength had already occurred and placing the mortars in plastic bags would not help and might even make the problem worse;
- Based on their reputation, the company would guarantee there would be no problem with the performance of the mortars;
- Using plastic bags in damp sand was not a standard industry practice;
- If they were forced to put mortars in plastic bags, and then fire shells from the

- It was too dangerous for the crew to pull the shells from the mortars in question so that the mortars could be put into plastic bags;
- If the shells were pulled, their fusing could be damaged to such an extent that they could not be safely fired.

The display site inspector from the local police authority was unusually knowledgeable for an "authority having jurisdiction", he had many years experience performing displays, inspecting displays, and investigating display accidents. For the following reasons, he had added concern regarding the moist sand issue:

- About five years earlier a spectator had been injured on that site as a result of a paper mortar that had blown-out because of being placed in moist sand;
- Most of the 8, 10, and 12-inch shells to be fired from the mortars in this display were chain fused in numbers exceeding the limits set by NFPA-1123 in paragraph 2-3.3.6;
- The largest caliber mortars were shorter than recommended by the NFPA-1123 in paragraph A-2-3.6.3;
- The chained mortars were in plastic garbage cans, which were weaker and, because of the shape of their bottoms and their top heaviness, were more likely to tip over than metal drums;
- The chain-fused, garbage-can mortars were immediately adjacent to racks that were not staked to the ground, did not have feet attached, were only sparsely interconnected using 1" x 2" lumber, and contained ABS plastic mortars (not HDPE) with no spacing between the individual tubes.
- Despite the protestations of the display company representative, it was ordered that the mortars be pulled and bagged to halt the further absorbing of moisture. However, after about 25% of the mortars, those in the wettest sand, were bagged, and the inspector had left the site, the crew reverted to loading and wiring the rest of the display without continuing to correct the wet mortar many in the industry have applauded NFPA-1123 (1990), Code The crew performed heroically under absolutely miserable weather conditions, including several days of intermittent showers and pouring rain, separated by periods of incredible heat and unbearable humidity.

The point of this article could have been that:

- It was inexcusable to have put the public at this level of unnecessary risk;
- It was inappropriate to frustrate a sponsor and authority having jurisdiction by inventing lame excuses and rationalizations to avoid taking needed corrective action; or that
- Having agreed to take corrective action, it should have been completed, and their failure to finish the task should not have been concealed.

These could have been the reason for this article, but they are not. The point is that it is a serious disservice to the fireworks display industry to claim that such poor conduct and the resulting high rate of equipment failure is typical of the best the industry can do. This is tantamount to an acknowledgment that fireworks displays cannot be performed safely, and thus supports the contention that fireworks displays are an abnormally dangerous activity. If this were true, it would be one thing, but it is

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Acknowledgments

The author's gratefully acknowledge the safety officials involved in this incident who reviewed the text for accuracy; however, we have not named them in order not to reveal the site of the display.

References

- M. Langenfeld, "Troubling Precedent", *Fireworks Business*, No. 91, 1991.
- Miller and Latham v. Westcore, Case No. C-42919, Court of Appeals, State of Arizona, Division I, Wm. F. Garborino, Judge.



Figure 1. Photos documenting a few of the many problems caused by firing large shells from wet paper mortars.

Minutes from General Member Meeting - February 20, 2000

9:15 a.m. Meeting opened by President Thomas Grace - Welcome

Thank you to Jose Marquez for excellent job done putting together WWB2000.

Reminder to fill out and mail in conference survey:

What you like/dislike about the Blast or e-mail comments to
WPA-BOARD@Pyro.org

Thank you to Secretary Keath Nupuf for the huge membership job and to Miki & Shimpei, too especially with problems encountered at Sara Park

Newsletter decision: Frank Feher

Committees from last meeting:

Mike Carter: scouting new sites, nothing to report except Avi
Jose, Tom, Kief, Greg, etc. have looked at other sites and still are

The Avi: ok for Blast but only 300 rooms there - Laughlin close by - lower rates
available but: no Presidents weekend not available till after 4/30th

Clark County issues with enforcers Blast on Indian land....not regulated by US
enforcement early close down of shooting a problem

Look into Mesquite?

Why leave Lake Havasu? room rates raising, curfew 10:30pm, old hotels
raise of hands to stay in Havasu: 2/3s of room in favor
more to be discussed later.

Kief Adler thanks Matthew Riley: WWB electrician and helper Steve Humphries

Tom Grace: Awarding of plaque for Matthew Riley

This year's lifetime membership award to Matthew Riley for years of dedication to
WPA - 1st on site to set up - last to leave (Bear hug from Richard Cole)
Thanks from all the members.

Secretary - Keath Nupuf

WWB2000 attendance:
1067 attended
532 members; 535 guests
643 current members
210 new members since 1/1/2000

Treasurer report: Kathy Baird

Started with money - got more money - spent some money - will get more money -
still have money.

Accepted as read, seconded, all in favor: aye. Kathy will publish full report in
newsletter.

Hobbyist/manufacture Committee Report: No news, still in committee

Do It by the River: Big thanks to Kief Adler for a great event. Kief will publish \$ report in
newsletter made about \$1000.00 for club. About 200 attended, no waiting to shoot, Avi graded
site.

T Grace: Next years public display will be done by Pyro Spectaculars

New Business:

Tom would like to start a historical account of the WPA Jill Salverson
volunteered to be the 1st WPA Historian.

Tom asks for a volunteer Advisory Committee to be started.

This committee would be available
to ask questions of during questionable times. Give direction for the
board
and members.

Volunteers: Fred May, Ron Dixon, Richard Cole, Forrest Rhoads

Convention Guidelines discussion

Should there be comp rooms and/or registration for WWB:

WWB board members
Staff volunteers
Seminar holders

Pros:

easier to get volunteers
some people may not be able to afford come to WWB
this way they can work off the expense.
some members do not want to volunteer for anything.
They just want to come and enjoy the day. They would
rather pay for people to do stuff rather than do it
themselves.

Cons:

cost the association \$\$\$
This is a volunteer organization

Fred May: said this is for the board to decide.

Motion Made to have the board discuss these issues and report back to
members. Amended Motion Made: Have the board discuss these issues with area
VP's and members via: Pole on internet peoples opinions
Area VPs involved in getting opinions from members and to report back.
Motion passed: Board will report back to members after further discussion.

Intro of new club attorneys (John Brooke and Doug Mawhoor)
by Kief Adler - general questions from members

Intro of Kief and Keath

New Business:

Jose: re: Sunday nights shooting during public display.

Not enough safeties to have open shooting during public display.

Show will be at 7:00pm, lasting for 30 minutes

Open shooting at Sara Racetrack will resume as soon after as possible.

Open shooting until 10:30pm

Mike Carter discusses Safety issues with the club.

we need knowledgeable volunteers as safeties.

Fred May suggests we hire knowledgeable people.
discussion on this will continue to WWB2000 meeting.

NO KIDS IN B!

discuss using different armbands for kids under 18 yrs old.

more discussion about safety in e-mails and area VP meetings.

Kief Adler announces:

Dolliff Ins. corporate sponsor was mistakenly missing from the program. Our apologies and thanks for their support.

Judd Herberger has a shooting area around the Phoenix area. He has a county permit.

Election of Officers:

Office of President: Kief Adler nominated and runs un-opposed.

Kief Adler elected President

Office of Vice President: Mike Workman nominated and runs un-opposed.

Mike Workman elected Vice President

Office of Secretary: Keath Nupuf offers to run again, even though he is in the middle of a two-year term. Keath Nupuf runs un-opposed.

Office of Treasurer: Kathy Baird nominated and runs un-opposed.

Kathy Baird is elected Treasurer.

Office of Publications/Communications: Frank Feher, runs un-opposed.

Frank Feher, is elected Publications/Communications.

Election of Area Vice Presidents:

Southern Area (San Diego) Rudy Schaffner

Northern California: Steve Wilson

San Joaquin (Central): Lynden King

Los Angeles Area: run off between Paul Salverson & Don Oesterle
Don elected

Arizona/Nevada: Judd Herberger

Eastern/Foreign Areas: Tom Perigrin

Rocky Mts. Area: Charlie Wilson

Hawaii: holding own elections, no representatives available

Meeting adjourned at 10:50 am

Minutes from Board of Directors Meeting - March 20, 2000

Called to order at 8:39pm

Attendants: Kief Adler, Mike Workman, Keath Nupuf, Kathy Baird, Frank Feher

Wrap Up of WWB2000 meeting Sunday March 26, 2000, 1 - 3 pm at Keath & Miki Nupuf's house. General gathering of people to vent likes and dislikes of WWB2000.

Discussion of WWBXII: Next convention chairman and co-chairman. Possibility of having a Western Winterblast Committee: chairs to include, but not limited to, Safety, Security, Site Preparation, Vendor: product & flea market.

Do It: Chaired by Kief Adler, Co-chaired by Dimitri Timohovich. Registration by Jill and Paul Salverson. On target for Oct. 19 to 21st, 2000 at the Avi. Rooms \$19.00 during the week, \$40.00 on weekend. 10pm curfew, but all day shooting. Kief considering food arrangements still.

Discussed updating and amending the manual on how to put on WWB's.

Discussed writing and approving convention guidelines.

Discussed Fireworks Advisory committee (FAC). Frank volunteered to work with the group on special assignments with them, as well as discussing the original idea and purpose of this group.

Web-site up-date: to be under reconstructed by Keath and Miki. Needs to include membership descriptions, bylaws and the mission statement that is currently under construction by the Fireworks Advisory Committee.

Treasurer reported there was still substantial money in the bank. State and Federal tax filings are being brought up to date. 1999 State and Federal tax forms are being worked on. Not all WinterBlast bills have been paid yet.

The next newsletter has/is under construction with a deadline coming up shortly and to get articles in very soon. Discussed future dates of newsletters as just before 4th of July, end of September and then again just before WWBXII.

Secretary reports there are at least 653 members to date. Keath and Kief are working on re-designing the membership applications. Discussions on fees are still being kicked around.

Discussed a special day each month to hold BOD meetings. First Monday night of each month seems to be available for most members. No decision made.

Meeting adjourned at 9:33pm

Minutes from Board of Directors Meeting - May 1, 2000

Present: Kief, Keith, Frank
Absent: Kathy, Mike

Informal discussions while waiting for Mike to join us.
Keath: Area VP membership lists to be sent out ASAP
Keath: Web site additional updates and photos coming in the near future.
Beckie Timohovich volunteering to help
Frank and Keath discuss possibility of vendors sponsoring newsletter postage for special advertising inserts

Call to order 8:41pm

Kief: Board of Advisors possibly not what we want, nor what the BOD had in mind. BOA was set up with a call for volunteers, which is not the proper way for committees to be formed. Has sent us their first statement of positions which deals largely with WWB. The original idea for a BOA was to have it made up of charter members and past officers that would advise the BOD on critical issues as the board saw the need for advice. This is not what has occurred. Due to the lack of a full BOD at this meeting, and the fact that the document sent by the BOA arrived yesterday and is 15 pages long, the motion was made, seconded and approved to table voting on their issues until all board members have time to review documents. It was also decided that Kief would speak with Fred May regarding what was originally envisioned for the advisory board.

Workman joins at 9:03

Brief review of above issues for Mike.

As our treasurer is absent tonight due to a last minute change in her schedule, the treasurer's report will be emailed to all board members later this week.
Newsletter Update: Frank is running 3-4 weeks behind schedule due to his work load but the next newsletter will be digitally printed and have a color cover.

Discussed the possibility of starting a WPA library. Need a volunteer to organize it and a place to keep it. We will seek a volunteer at the LA area meeting this weekend.

Meeting adjourned at 9:25pm

Minutes from Board of Directors Meeting - June 5, 2000

PLACE: N/A (Conference Telephone Meeting)
ATTENDED: Kief Adler (President)
Keath Nupuf (Secretary) with proxy to board from Mike
Workman (Vice President)
Kathy Baird (Treasurer)

Re: Frank Feher's withdrawal from BOD

1. Talk about Sean Hale taking V.P. communications and Newsletter.
2. Talk about Dimitri Timohovich and a team of people to take on Newsletter.

Kief moves - To have Dimitri as Chairman of Newsletter Committee to produce one Newsletter for now and see how the process goes.

Kathy seconds - All vote "yes"

Kief moves - To pull current state of Newsletter from Frank and send to the new committee

Kathy seconds - All vote "yes"

Updates / Reports

- Kief - Reports trip to meet with Havasu
Kief - Reports on the first Winter Blast meeting with Kurt and Becky
Kathy - We filed an extension (taxes). Needs to talk with Jose about receipts.
Keath - State compensation for Arizona was cancelled. Kief requested this after finding out that volunteers can NOT be covered by AZ compensation

New Business

- Kief - Establishing convention guidelines
Assigned to Kurt and Becky.
Establishing a policy statement to cover the rules and regulations of the WPA
Will Assign to Don Oesterle (If accepts)

Kief calls to adjourn at 9:11p.m.

Minutes from Board of Directors Meeting - July 5, 2000

DATE: July 12th, 2000

8:46p.m. - 9:07p.m.

PLACE: N/A (Conference Telephone Meeting)

ATTENDED: Kief Adler (President)
Mike Walkman (Vice President)
Keath Nupuf (Secretary)
Kathy Baird (Treasurer)

Updates / Report

Kathy - Treasurer's report: Still awaiting tax clarifications from State as we seem to have double entries in their files. This will take time to resolve. Full report to be published in July Newsletter.

Keath - Send all BOD and General Meeting minutes to Dimitri (for Newsletter) by July 17.

Kief - Waiting to hear from Havasu by July 20th or so.

Regarding Do-It

- 8:58 Kief - Motions to approve Do-it budget as previously sent to the BOD.
Kathy - Seconds. Approved by all.
- 9:01 Mike - Joined and briefly updated.
- 9:06 Kief motions to reinstate Greg Boyd as a member, with comp. for remainder of year's dues as his membership was pulled last year due to his legal problems.
Kathy - Seconds. Approved by all.
- 9:07 Meeting adjourned

WESTERN PYROTECHNIC ASSOCIATION, INC. BY LAWS

ARTICLE I PURPOSE

The purpose of this Association is set forth in the Articles of Incorporation.

ARTICLE II CORPORATE SEAL

The Corporate seal shall not be required to authorize any documents. Use of the Corporate Seal shall be under the direction of the Board of Directors.

ARTICLE III MEETINGS OF MEMBERS

For the purpose of conducting business, Meetings of the Membership shall be held Annually, with time and date to be decided by the Board of Directors.

ARTICLE IV BOARD OF DIRECTORS

Section 1 - Number

The Board of Directors shall consist of up to five Members who shall direct and control Association powers, business and property of the Association.

Section 2 - Qualification

Each Member of the Board of Directors must be a regular Member in good standing with the Association.

Section 3 - Installation

Up to five Members may be elected by the Membership of the Association at the Annual Business Meeting. These elected Members will comprise the Association's Board of Directors and shall also serve as Officers of the Association. Directorship roles shall take effect immediately after the close of the Annual Meeting and shall continue for two years, unless sooner terminated, or until their respective successors are elected and qualified. At each Annual Business Meeting, directors who have served one year will be asked if they are willing and able to continue in their elected position for one additional year of service. If they are willing, they will continue in their elected position until the next Annual Business Meeting without election. Should they inform the membership and the board that they are not able to continue in their position, an election for those directorship positions will be held prior to the close of the Annual Business Meeting.

Section 4 - Meeting of the Board of Directors

The Board of Directors shall meet immediately after the close of the Annual Business Meeting without notice, for the transaction of any required business.

Section 5 - Regular or Special Meetings

The Board of Directors may meet at such time and place, as the Chairman of the Board shall from time to time determine.

Section 6 - Quorum

A majority of the Board of Directors shall be necessary to and shall constitute a quorum at such Regular or Special Meeting of the Board of Directors.

Section 7 - Replacement of Board Member

(a) Whenever a vacancy or vacancies shall occur in the Board of Directors, the Directors shall fill such vacancy by:

Soliciting the Membership to obtain willing nominees. Election of interim directors from the nominee pool by majority vote of the entire remaining Board to fill any vacant position(s).

(b) Any newly elected Director(s) shall hold office until the Members at the next Annual Meeting can elect a successor.

(c) Any Director who ceases to be a Member of the Association shall thereupon cease to be a Member of the Board of Directors.

(d) Any Director who violates any purpose of this association in any particular shall cease to be a Member of the Board of Directors as soon as a majority shall have passed a resolution to that effect.

Section 8 - Powers & Duties

The Directors shall have the power and it shall be their duty:

1) Oversee the conduct, management and control of the affairs and business of the Association in conformity with the law and powers granted by the Articles of Incorporation; and to make rules and regulations for the guidance of the Officers in the management of its affairs.

2) To appoint and remove, at pleasure, all Officers, Committees, agents and employees of the Association, prescribe their duties, fix compensation and require from them, if advisable, security for faithful service in the form of a bond.

3) To have custody and control of the funds of the Association, and to authorize the Treasurer, to sign all orders upon said funds.

4) To authorize the Secretary to keep complete record of all its acts of the proceedings of its Meetings, and to present a full statement at the Annual Meetings of the Members, showing in detail, the condition of the affairs of the Association.

5) To appoint all necessary committees, execute necessary contracts or agreements, conduct necessary negotiations and do every other act or thing necessary to effectuate the purposes of this Association in connection with its business and affairs, and to incur indebtedness with respect thereto.

6) To make a concise report of its activities at each Annual Meeting of the Association and to present said report to the Association for its vote of approval.

7) To determine the accounting fiscal year. The current calendar fiscal year is to be changed to run from April 1st to March 31st of each year to better reflect the end of our primary economic activity.

8) To fix the amount of dues or assessments required from each Member for defraying of the proper expenses of the Association in connection with the administration and conduct of its business and affairs. Said dues shall be equitably apportioned among the Members.

Section 9 - Limitations

The Board of Directors shall not have the power to interfere with, in any manner, or to regulate the business and operation of the business of its Members, express as expressly authorized by these By-laws, the Articles of Incorporation.

ARTICLE V OFFICERS

Section 1 - Qualification

The Officers of the Association shall be a President, Vice President, Publications Vice-President, Secretary and a Treasurer.

Section 2 - Election & Term of Office

Said Officers shall be elected by the Members of the Association at the Annual Meeting of the Members and shall hold office until turned over to their successor as indicated in the description of their respective position, unless sooner removed, or until their respective successors are elected and qualified. Whenever any vacancy among said Officers shall occur, the Board of Directors shall fill such vacancy. The Board shall

fill the vacancy by electing one or more Officers qualifying for such office at a Special Meeting called for such purpose, who shall hold office for the remainder of the unexpired term of said office(s), unless sooner removed, or until a successor is elected and qualified.

Section 3 - President

The duties of the President shall take effect immediately after the close of the Annual Meeting of the Membership. The President shall preside (as the Chairman of the Board) at all Meetings of the Members of the Association and at all Meetings of the Board of Directors. He/she shall, whenever deemed necessary, call Special Meetings of the Membership and/or of the Board of Directors. The President shall sign documents requiring the signature of the Chief Executive Officer. He/she shall appoint all committees, except as otherwise provided by these By-laws, and may, in his/her discretion, act as Chairman thereof. He/she shall perform and discharge such other duties and shall have such other powers as the Board of Directors may from time to time prescribe.

Section 4 - Vice President

The duties of the Vice-President shall take effect immediately after the close of the Annual Meeting of the Membership. The Vice-President shall perform the duties of the office of the President in the absence of the President or in the case of physical or mental inability

The Vice-President shall have such other powers and shall perform such other duties as the Board of Directors shall, from time to time, prescribe.

Section 5 - Treasurer

The outgoing Treasurer's duties and paperwork should be transferred effective June 1st of each year. This allows time for the previous treasurer to train the new treasurer, to close the books and file the Annual Tax returns resulting from Winter Blast business ending March 31st and two months to clean up and transfer the entire corporate accounting and tax returns to the new Treasurer. The duties of the Treasurer shall take effect after transfer of all records to the newly elected Treasurer unless the incoming Treasurer agrees to undertake the outgoing Treasurer's responsibilities. In no event should the transfer require more than 3 months after election of a new Treasurer.

The Treasurer shall:

1. Account for all of the moneys of the Association received from any persons from whom they shall be due, giving receipt thereof.

2. Have custody and control of all funds subject to the direction and control of the Board of Directors.

3. Shall keep a correct and accurate account of all moneys received and disbursed, and of the financial condition of the Association.

4. Prepare or supervise preparation and submission of any required tax filings such (i.e. W9s and 1099s).

5. Forward any completed tax filing to the Secretary for inclusion in the Association Records

6. Prepare and submit a statement of financial condition of the Association whenever required by the Board of Directors

7. Retain an independent auditor each even year, ensure the performance of an audit and report all recommendations to the board.

8. Perform other duties as the President may from time to time prescribe.

The books and records shall at all times be open and accessible to inspection and audit by the Board of Directors, their designees, or to any Member.

Section 6 - Secretary

The outgoing Secretary's duties are transferred upon conveyance of up to date corporate records to the new Secretary. This should occur no later than March 1st of each year so that the outgoing secretary has time to complete the minutes of the Winter Blast business meeting and to clean up the entire corporate record book for transfer to the new Secretary. The Secretary shall:

1. Maintain a correct roll of the Members of the Association with their current addresses for use in the course of association business.

2. Affix his/her signature to all certificates of Membership.

3. Collect all moneys for dues, assessments or contributions and shall deliver same to the Treasurer, taking receipt thereof, and shall keep a correct account of all moneys received, reporting all such receipts at the Annual Meeting of the Association.

4. Taking and maintaining correct and accurate minutes of the proceedings of all Meetings of the Association, the Board of Directors.

5. Forwarding adopted minutes to the Area Vice Presidents.

6. Filing of annual Corporate officer's statements.

7. Filing of any and all required Non-Profit applications to obtain Tax Exempt ruling(s).

8. Qualify the association to do Business in any state where business was or will be transacted.

9. Maintain organized corporate records.

10. Other duties as the President may from time to time prescribe.

The Secretary's books and records shall at all times be open and accessible to inspection and audit by the Board of Directors, their designees, or to any Member.

Section 7 - Vice President of Publications

The Vice President of Publications is responsible for:

1. Compiling/editing letters and articles for publication of at least 4 newsletters each fiscal year.

2. Publishing other printer material such as programs, badges, certificates and mailers as directed.

3. Affix or cause to be affixed mailing labels for directed mailings.
4. Other duties as the President may from time to time prescribe.

Section 8 - Other Positions

In addition to the above Officers named, the Board of Directors may appoint Area Vice Presidents and may appoint or enter into contract to obtain the services of an Executive Secretary, Assistant Secretary, Assistant Treasurer, such other agents and employees, including counsel, as the Board of Directors may from time to time in its discretion determine, at such compensation as the Board may prescribe. Such Officers and other support staff shall have such powers as the Board of Directors may lawfully delegate.

Section 9 - Compensation of Directors/Officers Expenses incurred as a direct result of serving on the Board of Directors shall be eligible for reimbursement. In addition, the association will pay \$595 yearly for each position held and satisfactorily performed either by an elected or appointed member. Such funds are designed as incentives to obtain and retain qualified members to execute the necessary business of "the Association". In addition, they are also designed as tokens of appreciation for the many evening and weekend hours provided in service to the Association. The Publications Manager shall be expected to produce 2 newsletters under this stipend. Any additional newsletters will receive an additional stipend of \$290 each. Any and all payments are conditioned upon availability of funds and the President's confirmation that designated duties were fulfilled. Eligible positions include: President, Vice President, Treasurer, Secretary, Publications Vice President, Web Site Administrator, Convention Chairman and Convention Co-Chairman.

Section 10 - Removal of Officers

Any complaint against any of the Officers alleging neglect or unfaithful performance of their duties, shall be made in writing, signed by three (3) Members in good standing, and addressed to the President (excepting as to any complaint against the President, in which event any such written complaint should be addressed to the Vice President). The complaint shall be presented by the President of the Board of Directors at its next Regular Meeting or at any Special Meeting called for that purpose. The Board of Directors shall determine by a majority vote whether the complaint shall be dismissed or whether the same shall be presented at a Special Meeting of the Association.

ARTICLE VI COMMITTEES

Section 1 - Standing Committees

The Board of Directors may appoint standing committees, consisting of such Directors or Members and for such terms and with such powers and duties as it shall in its discretion determine. Said standing but shall consider such specific matters and performs such specific functions as the Board of Directors may in its discretion prescribe.

Section 2 - Special Committees

The Board of Directors or the President may from time to time appoint Special Committees of three or more Directors or Members for the performance of such duties and with such powers as may be prescribed and lawfully delegated to them.

ARTICLE VII GENERAL PROVISION CONCERNING MEMBERS

Section 1 - Members Eligibility

Any person may be admitted to the Association provided, that he shall have:

1. Reached the age of 18 years
2. Paid all required fees as required by the By laws or resolution
3. Agreed to present valid identification (such as a valid driver's license) upon request. Failure to comply shall result in denial or revocation of WPA membership.

4. Met any and all rules and/or regulations adopted by the Board of Directors concerning qualifications of Members.

Section 2 - Membership Certificates

The Secretary of the Association shall cause to be issued to each Member in good standing, a certificate of Membership in such form as may be approved by the Board of

neither said Membership, nor the certificate thereof, shall be assigned or assignable by said Member.

Section 3 - Voting Power, Property Rights & Interests

(a) The voting rights of the Members shall be equal and each Member shall be entitled to one vote.

(b) Members may vote by proxy or by mail.

Section 4 - Withdrawal/Resignation

Any Member may withdraw or resign from this Association, in which event his/her resignation shall be effective as soon as received by a member of the Board or by the Secretary.

ARTICLE VIII EXPULSION & SUSPENSION

Section 1 - Enforcement

In the event that any Member knowingly violates these By laws, or any of the provisions thereof, he shall be subject to suspension or expulsion as a Member of the Association.

Section 2 - Suspension

Upon its own motion or upon a complaint in writing, signed by ten Members of the Association in good standing, charging any Member with violation of these By laws or conduct adversely reflecting upon the Association, The Board of Directors may, by vote of a majority of the whole Board, order the expulsion of such Member and terminate his/her certificate of Membership.

ARTICLE IX FUNDS

Section 1 - Funds

All moneys belonging to the Association shall be deposited in such bank or banks to be designated by the Board of Directors.

Section 2 - Liability of Members

The Members shall not be liable for the debts of this Association except to the extent of any unpaid portion of their respective Membership Assessment fees.

ARTICLE X AMENDMENTS

These By laws may be altered or amended by a majority vote of the Board of Directors. The written assent of the majority vote of the association members shall be effectual to repeal or amend the bylaws or to adopt additional By laws without any Meetings.

ARTICLE XI DISSOLUTION

Upon the dissolution of the Association, its assets shall be transferred to such charitable organizations as the Board shall designate, which qualify as tax exempt under Section 501-A9 (6) of the Internal Revenue Code, or corresponding provisions then in effect.