



# **PROGRAM GUIDE**

**May 11-14, 1989**

**CHARLOTTE, NORTH CAROLINA**



# SLAGLE'S

PRESENTS

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SOUTH BOSTON VA 24592  
LOCAL 1-804-575-7905

## SLAGLE'S

TOLL FREE  
1-800-446-8896

CAYCE, WEST COLUMBIA SC OFFICE  
1818 OLD DUNBAR RD/BOX 2184  
CAYCE/WEST COLUMBIA SC 29171  
LOCAL 1-803-791-4555





# GREETINGS



Welcome to the 2nd annual Great American Firehouse Exposition & Muster South. The staff of Firehouse has spent the past year planning for what is now one of America's premier fire service events. With the help of Mayor Sue Myrick, Chief Luther Fincher and the members of the Charlotte Fire Department, we are proud to bring you the largest combined fire show ever assembled in the south. Over 150 fire service and EMS exhibitors will be displaying the latest equipment and innovations available for today's fire service professionals. Take the time to visit each and every booth to take advantage of hands-on examination of the tools, equipment, apparatus, and specialty items of the firefighting industry. The Professional Information Programs have been specially designed to bring you the latest information from national authorities



Dear Friends:

I am pleased to welcome you to Charlotte and the second annual Great American Firehouse Exposition and Muster South. Charlotte is a beautiful and friendly place where the gracious traditions of the past blend with the cosmopolitan spirit of a growing city to produce an exciting place to visit. The Charlotte Fire Department has grown along with the City into a leader in the Southern fire service. Its employees have worked hard with the Firehouse staff to make this Exposition a worthwhile experience. I hope you and your families will enjoy not only the Expo but also Charlotte's exciting Uptown, fine restaurants, museums, and leisure-time opportunities.

Welcome to Charlotte!

Sincerely,

Sue Myrick  
Mayor



Dear Friends:

Welcome to Charlotte and Firehouse's second annual Great American Firehouse Exposition and Muster South! We are honored to host you as you attend Expo South. The members of the Charlotte Fire Department have worked diligently with the staff of Firehouse to make this Exposition a rewarding and productive program. You will find the seminars and exhibits well worth your time and attention. Charlotte in the spring affords visitors many and varied opportunities for enjoyment, which we hope you will take advantage of. On behalf of all the members of the Charlotte Fire Department, I wish you a productive and memorable visit to Charlotte.

Sincerely,

Luther L. Fincher, Jr.  
Fire Chief

on the vital issues that face today's fire service personnel and emergency care providers, to help you better serve your department and community needs. Take advantage of the many special activities that are a part of the Firehouse Exposition and Muster South. See the beautiful and historic city of Charlotte. Experience it all and have fun doing it. We're glad you've chosen to be with us and thank you for your continued support.

Dennis Smith  
Publisher, Firehouse Magazine





# EXPO AND MUSTER COMMITTEE



Firehouse Communications would like to take this opportunity to thank the members of our dedicated Expo and Muster Committee in Charlotte. Without the hard work of these fire officers, firefighters and friends who took time out of their busy schedules, the event you now are enjoying would not be possible. Fire Chief Luther L. Fincher has graciously extended every courtesy and support to us once again to make this year's event even better than last year's. His secretary, Melinda McElhaney, ensured that an accurate record was kept of the proceedings. Chairman, Chief Carson Watts, and Co-Chairman John Auten have become integral members of the committee. Assisting them are Dispatcher Kathy Lacy who is coordinating audio-visuals, Fire Investigator Terry Lacy, Security Coordinator, along with Battalion Chief C. Lee Abernathy and Roy Bradey serving as Muster Coordinator. John Auten has taken charge of our Flea Market. Battalion Chiefs Bill Summers and Quentin Maver created our parade of fire apparatus, new and old, inviting fire departments throughout the South. The competitive Muster, a very special event and an activity fast gaining in popularity all over the South, was organized by Roy Bradey with the assistance of Captain Harley Cook. Apparatus is a very important part of Expo South, and Captain Clifford Grayson took on the demanding job of making sure that all fire apparatus was securely housed prior to the show and then moved in and out of the Convention Center on time. With the guidance of Logistics Officer Robert Tutterow, who directed the Transportation Committee, we were secure in knowing that all the necessary equipment and materials would be where needed for each event of the Expo. It has been a busy year of planning and we believe we have done everything necessary to ensure a good show for all. From Dennis Smith, Bruce Bowling, Harvey Eisner, Janet Kimmerly, Tom Rahilly, Virginia Lee, Jane O'Connor and Kathy Mohlenkamp at Firehouse, our thanks to our friends on the Charlotte Expo and Muster Committee for their enthusiasm and dedication to this event.



Fire Chief  
Luther L. Fincher  
Charlotte FD



Asst. Chief  
Carson Watts  
Chairman



Capt. John Auten  
Asst. Chairman  
Flea Market  
Coordinator



Battalion Chief  
Quentin Maver  
Parade  
Coordinator



Battalion Chief  
C. Lee Abernathy  
Security



Capt. Cliff Grayson  
Fire Apparatus  
Coordinator



Battalion Chief  
Bill Summers  
Parade  
Coordinator



Capt. Roy Bradey  
Muster  
Coordinator



Capt. Harley Cook  
Parade Apparatus  
Judging



Logistics Officer  
Robert Tutterow  
Transportation  
Committee



Fire Investigator  
Terry Lacy  
Security



Dispatcher  
Kathy Lacy  
Audio-Visual  
Coordinator



Melinda McElhaney  
Secretary



Virginia Lee  
Triantafyllou  
Exposition Manager  
Firehouse Comm.



Dennis Smith  
Publisher  
Firehouse Magazine



Bruce Bowling  
Co-Publisher  
Adv./Mkt. Director  
Firehouse Magazine



Janet Kimmerly  
Executive Editor  
Firehouse Magazine



Thomas Rahilly  
Executive Editor  
Chief Fire Executive  
Magazine



Harvey Eisner  
Assoc. Editor  
Program Director  
Firehouse Comm.



Jane O'Connor  
Exhibits Manager  
Firehouse Comm.



Kathy Mohlenkamp  
Exhibits Manager  
Firehouse Comm.

## ATTENTION FIREFIGHTERS

A portion of all ticket receipts will be donated to the North Carolina Memorial Jaycee Burn Center, Chapel Hill, NC.

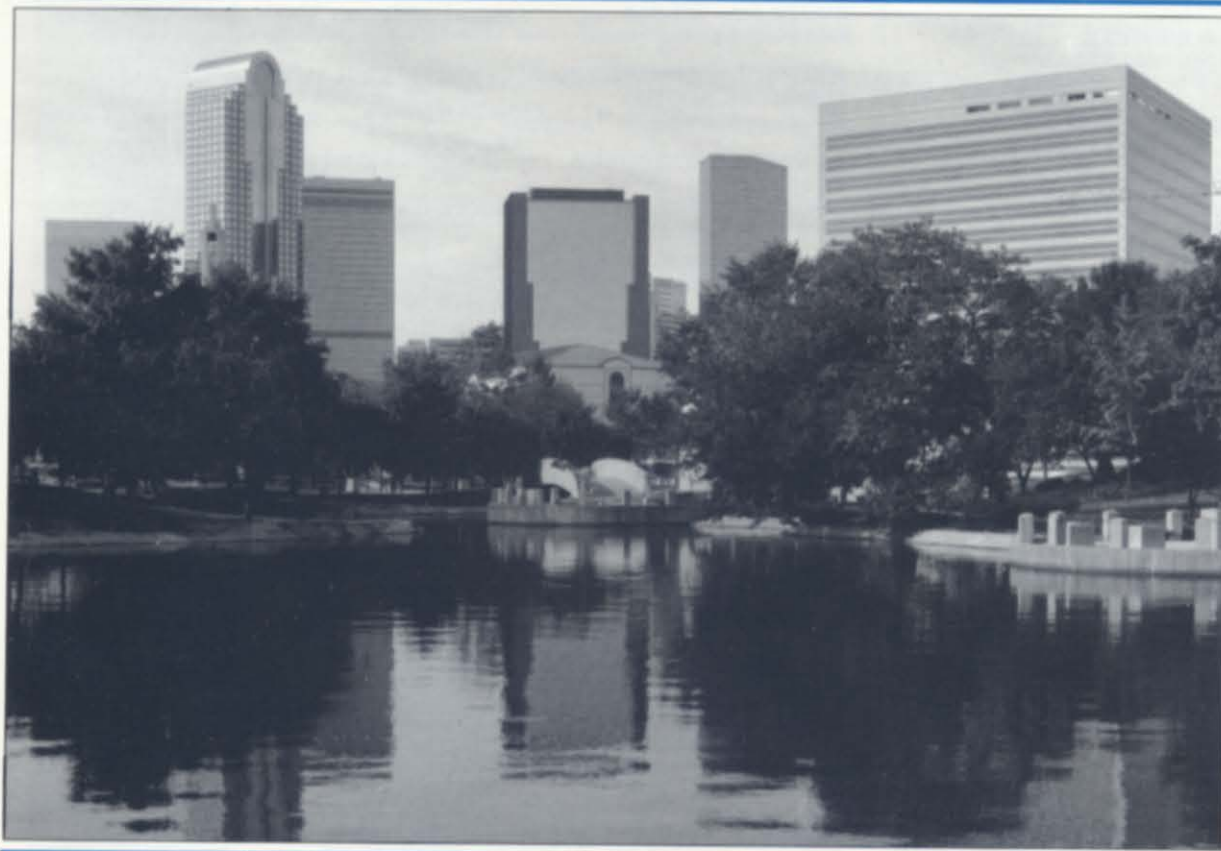
PROGRAM GUIDE DESIGNED BY MICHAEL B. DELIA



# CHARLOTTE, NORTH CAROLINA



Charlotte is an American history book as well as a modern trend-setting metropolis. The largest city of the Carolinas, Charlotte captures the spirit of the South and has excitement and adventure for everyone. If you are shopping for the best in Charlotte, the Overstreet Shopping Mall is a combination of 52 shops and restaurants and is conveniently located next to the Radisson Hotel. A visit to the Latta Arcade, the first mall in the country, is a chance to see a charming period re-creation. The churches of Charlotte reflect varying styles of art and architecture. St. Peter's Episcopal Church, which is located on North Tryon Street, was built in the late 1820's and has since been restored to its original appearance. Settler's Cemetery, just behind the First Presbyterian Church, on W. 5th Street, is a memorial to the founding settlers of Mecklenburg County. Be on the lookout for small brass markers along Trade and Tryon Streets that indicate the various landmarks of historical Charlotte. To sample a portion of the modern Charlotte, the Discovery Place on North Tryon Street encourages hands-on participation in its scientific and technological displays. Entrance fees are reasonable with reduced rates for children. Current exhibits include About Faces, designed to show us there is more to the face than first meets the eye, by utilizing recent developments in computer technology, and Oceans of Promise, which looks at our reliance upon and interdependence with the seas around us for many of our daily needs. Fourth Ward Park, between Pine and Poplar Streets, not only affords views of historical, turn-of-the-century homes, but also gives a bit of peace and tranquility after a full day of activity. If you have not already received your Uptown Charlotte map, please pick one up in the lobby of the Convention Center.



## Special Spouse Tours

The Charlotte Convention and Visitors Bureau will be on hand to answer any questions you may have regarding this exciting Southern city and to assist you in planning your activities, many within walking distance of the Convention Center. The nearby "Walk Through Historic 4th Ward" is a self-guided walking tour that winds through this charming restored area filled with a colorful past. Many buildings in this district are listed on the city and state historical registers.



FRIDAY MAY 12, 1989

CHANGES IN OFFICIAL PROGRAM GUIDE

CORRECTION IN BOOTH INFORMATION

Safe Chem Distributors                      Booth 1142  
8514 White Egret Way  
Lake Worth, FL 33467  
407-967-1737

LAST MINUTE EXHIBITORS

Ashley Emergency	310
	108
Asset Tracking	1247
Gastonia Fire Equipment	1338
Thomas Built Busses	1047
Texas Instrument	1230
Inter-Market	1232
Alexander Battery	924
IKG-Borden	1344
ISFSI	926
Dan Murray Assoc.	1204
Aluminum Cans for	
Burned Children	1133
Knoxville Glove	1240
International Safety	
Equipment	1239

SURPRISE ON APPARATUS FLOOR

1948 Mack Pumper - Completely Refurbished

CHANGE IN BOOTH LOCATION

Hot Shots	1234
Hook & Ladder Buckles	1242
Munici-Comp	1025
Craft Steel	309

GIVE-A-WAY CHANGES

Ray Lambert Enterprises, Inc.  
Twenty (20) "Thread Savers" Protection for CGA Valve Threads on  
Air Pack Cylinders  
3-M Safety & Security Systems "Surprise Box" filled with 3-M products  
Public Safety - force 4 LP Beacon Model #6105M

\*\*\*SUPERIOR EQUIPMENT\*\*\*

SPECIAL DRAWING AT APPARATUS WORKSHOP IN MEETING ROOM F AT  
12 NOON



# GREAT AMERICAN GIVE-AWAY!



## AND THE WINNERS ARE...

any of you-our Expo South attendees- are the winners in the Great American Firehouse Give-Away-a contest in which you can win big prizes for your fire departments simply by attending the show. Here's how it works. If you pre-registered ( four-day attendee ), you received a Give-Away card listing fire equipment and supplies donated to Expo South by the fire industry manufacturers and suppliers. You get three chances to win: check one box on each of three days you choose, next to the name of the equipment you want to win for your department. Each day drawings are held at 4:00 p.m. and the results are posted at the Give-Away booth at 5:30. Just come on by to see what you've won. **Note:** All prizes are awarded to fire departments, not to individuals.

If you came for one day, check one box on the card under the day you registered, and return it to the Give-Away booth. Check back at 5:30 - you may have won big for your fire department! Every attendee is automatically enrolled in our biggest prize drawing-for a Betten/Rol-Up Hazmat/ Rescue truck worth over \$30,000! The truck drawing will take place at 5:00 on Saturday afternoon. *Firehouse Communications wishes to thank all of the manufacturers who gave equipment and supplies for this exciting program, including:*

**BETTEN ROL-UP HAZMAT TRUCK**  
BOOTH NO. 305

**BREATHING AIR SYSTEMS**  
BOOTH NO. 1210,1212  
Breathing Air Purity Lab Analysis,  
Quarterly Tests

**CAIRNS & BROTHER**  
BOOTH NO. 920,922  
Turn Out Sets

**CAROLINA FIRE MASTERS**  
BOOTH NO. 929,931,933  
Firematic Product

**CHARLOTTE EQUIPMENT**  
SALES, INC.  
BOOTH NO. 1100  
Three (3) Hour Foam Clinics By  
Flynt Josey & Assoc. within 100  
miles of Charlotte, NC

**CHURCHVILLE**  
FIRE EQUIPMENT CORP.  
BOOTH NO. 204

**DAVID CLARK CO. INC.**  
BOOTH NO. 1215,1217  
Pump Panel Communications  
Headset

**DataAge SOLUTIONS, INC.**  
BOOTH NO. 1144  
Member & Training Module of  
PROBER  
Chief Computer software

**FEDERAL SIGNAL CORP.**  
BOOTH NO. 921,923  
Emergency Warning Systems

**FIREHOUSE COMMUNICATIONS**  
FIREHOUSE BOOTH  
25 Autographed copies of "Firefighters"

**KUSSMAUL ELECTRONICS**  
CORP.  
BOOTH NO. 1130  
1 Auto Eject 15wp

**LARRY FOX & CO.**  
BOOTH NO. 1039  
500 Custom Imprinted  
Bumper Stickers

**MILWAUKEE STRAP INC.**  
BOOTH NO. 1113  
3 Nomex Chin Straps Per Day

**MORNING PRIDE MFG., INC.**  
**NEWTON'S FIRE SAFETY, INC.**  
BOOTH NO. 1124,1126,1128  
Set of Turnout Gear

**MOTOROLA INC.**  
BOOTH NO. 1031,1033  
Minitor 11 Alert Receivers

**CHARLES H. MACK &  
ASSOCIATES**  
BOOTH NO. 1108  
1 Copy "HAZMAT AT-HAND"  
Hazardous Materials Software

**RICO SAFETY FOOTWEAR**  
BOOTH NO. 1032  
6 Pairs High Tops

**SAFE-CHEM**  
DISTRIBUTORS, INC.  
BOOTH NO. 1142  
Water-Jel Heat Shield

**SERVUS RUBBER CO., INC.**  
BOOTH NO. 928  
Fire Breakers Boots

**VETTER SYSTEMS, INC.**  
One Complete Set of High,  
Medium and Low Pressure  
Air Bags

**WHELEN ENGINEERING CO.**  
BOOTH NO. 1027,1029  
Dash-Flashers

## GRAND PRIZE (you must be present to win!)



## BETTEN ROL-UP

# SCHEDULE OF ACTIVITIES

## Thursday, May 11

8:00 A.M.	REGISTRATION	CONVENTION CENTER LOBBY
8:45 A.M.	PRESENTATION OF COLORS	MEETING ROOM F
8:50 A.M.	OPENING CEREMONIES	MEETING ROOM F
9:00 A.M.	WELCOME INTRODUCTIONS Dennis Smith, Publisher, Firehouse Chief Luther Fincher, Charlotte FD	MEETING ROOM F
9:10 A.M.	To Hell and Back--Surviving a Flashover	MEETING ROOM F
10:20 A.M.	PROFESSIONAL INFORMATION PROGRAMS Fire Studies	F
	Hazardous Materials	D, E
11:20 A.M.	PROFESSIONAL INFORMATION PROGRAMS Training	F
	NFPA 1901	D, E
	NFPA 1500	G, H
12:20 P.M.	PROFESSIONAL INFORMATION PROGRAMS On the Job '88-'89	F
	Safety	D, E
	Rural Firefighting Operations	G, H
1:00 P.M.	EXHIBITS OPEN	
5:30 P.M.	REGISTRATION AND EXHIBITS CLOSE	





# SCHEDULE OF ACTIVITIES

## Friday, May 12

8:00 A.M.	REGISTRATION	CONVENTION CENTER LOBBY
9:00 A.M.	Armenian Rescue Operation	Meeting Room F
10:00 A.M.	Kansas City, MO, Explosion	Meeting Room F
11:00 A.M.	Chiefs Panel	Meeting Room F
12:00 P.M.	WORKSHOPS	MEETING ROOMS
	Apparatus Chassis-Cab Design	F
	New Techniques in Training	Lounge
	Haz Mat Hands-On	D, E
	EMS	G, H
1:00 P.M.	EXHIBITS OPEN	
1:00-2 P.M.	<u>FREE</u> Lunch in Exhibit Hall You must have ticket	
8:00 P.M.	REGISTRATION AND EXHIBITS CLOSE	

## SATURDAY, MAY 13

8:00 A.M.	REGISTRATION	CONVENTION CENTER LOBBY
9:00 A.M.	EXHIBITS OPEN	
5:00 P.M.	GRAND PRIZE THE GREAT AMERICAN FIREHOUSE GIVE-AWAY DRAWING FOR THE BETTER ROL-UP HAZMAT/RESCUE TRUCK	MAIN EXHIBIT FLOOR. YOU MUST BE PRESENT TO WIN.
5:30 P.M.	REGISTRATION AND EXHIBITS CLOSE	
6:00 P.M.	CHARLOTTE FD MUSTER TEAM HOSTS a BARBEQUE and BEACH PARTY with FOOD & LIVE ENTERTAINMENT	CONVENTION CENTER PROMENADE DECK



# SEMINAR PROGRAMS

## THURSDAY, MAY 11

8:45 A.M.	<b>PRESENTATION OF COLORS</b>
8:50 A.M.	<b>OPENING CEREMONIES</b>
9:00 A.M.	<b>WELCOME AND INTRODUCTION</b> Dennis Smith, Publisher, Firehouse Magazine, and Chief Luther Fincher, Charlotte Fire Department
9:10 A.M.	<b>TO HELL AND BACK: SURVIVING A FLASHOVER-</b> In an emotional discussion, firefighter Lathey Wirkus describes how he was caught in a flashover while searching for a reported trapped victim, was hospitalized in a burn center and how his protective clothing saved his life.
10:20 A.M.	<b>FIRST SESSION (CHOOSE ONE)</b> <b>1. FIRE STUDIES-</b> <i>Firehouse</i> Contributing Editor Jim Smith (deputy chief, Philadelphia FD) shares his knowledge and experience on how to recognize structural collapse warning signs for safer, more effective operations. <b>2. HAZARDOUS MATERIALS-</b> <i>Firehouse</i> Contributing Editor John Eversole (Commander, Chicago FD Hazardous Materials Unit) details the latest on SARA Title III and how this mandate affects every fire department nationwide. He also discusses the ever increasing problems confronting first responders and those personnel required to mitigate a hazardous material incident.
11:20 A.M.	<b>SECOND SESSION (CHOOSE ONE)</b> <b>1. TRAINING-</b> <i>Firehouse</i> Contributing Editor John Norman (lieutenant, FDNY) describes size up - a vital part of any fire attack. Whether you are a firefighter, company officer or chief, you'll want to listen in and pick up some important tips on how to better wage your next fire fight. <b>2. NFPA 1901:</b> Standard for Motorized Apparatus-Committee Member Kirk Rosenhan takes a look at NFPA 1901, past, present and future, and explains some proposed changes to this important standard and the effects the requirements will have on apparatus and fire departments alike. <b>3. NFPA 1500: OCCUPATIONAL SAFETY AND HEALTH-</b> Gordon Routley (Assistant to Phoenix FD Chief Alan Brunacini) takes a detailed look at the NFPA standard that addresses firefighter occupational safety and health, what it means and how fire departments can implement the programs that were developed especially for today's firefighter. Routley will review the benefits of this standard and discuss the misconceptions that firefighters might have.
12:20 P.M.	<b>THIRD SESSION (CHOOSE ONE)</b> <b>1. ON THE JOB WITH FIREHOUSE-</b> <i>Firehouse</i> Associate Editor Harvey Eisner, one of America's most highly regarded fire journalists and photographers, takes you on a pictorial tour of the year's major fires. This breathtaking slide presentation features shots, most of which are unpublished and never seen before. <b>2. SAFETY-</b> Chief Larry Hatton (FDNY) discusses safety, a vitally important issue for today's firefighter, officer and chief. He takes an in-depth look at responding and returning to alarms where 1/4 to 1/3 of all firefighter fatalities and nearly 8000 injuries occur annually. Find out how to eliminate the causes of these mishaps. This is one session you can't afford to miss! <b>3. RURAL FIREFIGHTING OPERATIONS-</b> Larry Davis, a nationally recognized expert on rural operations, examines several ways to increase your effectiveness while operating with limited manpower, equipment and water supply.

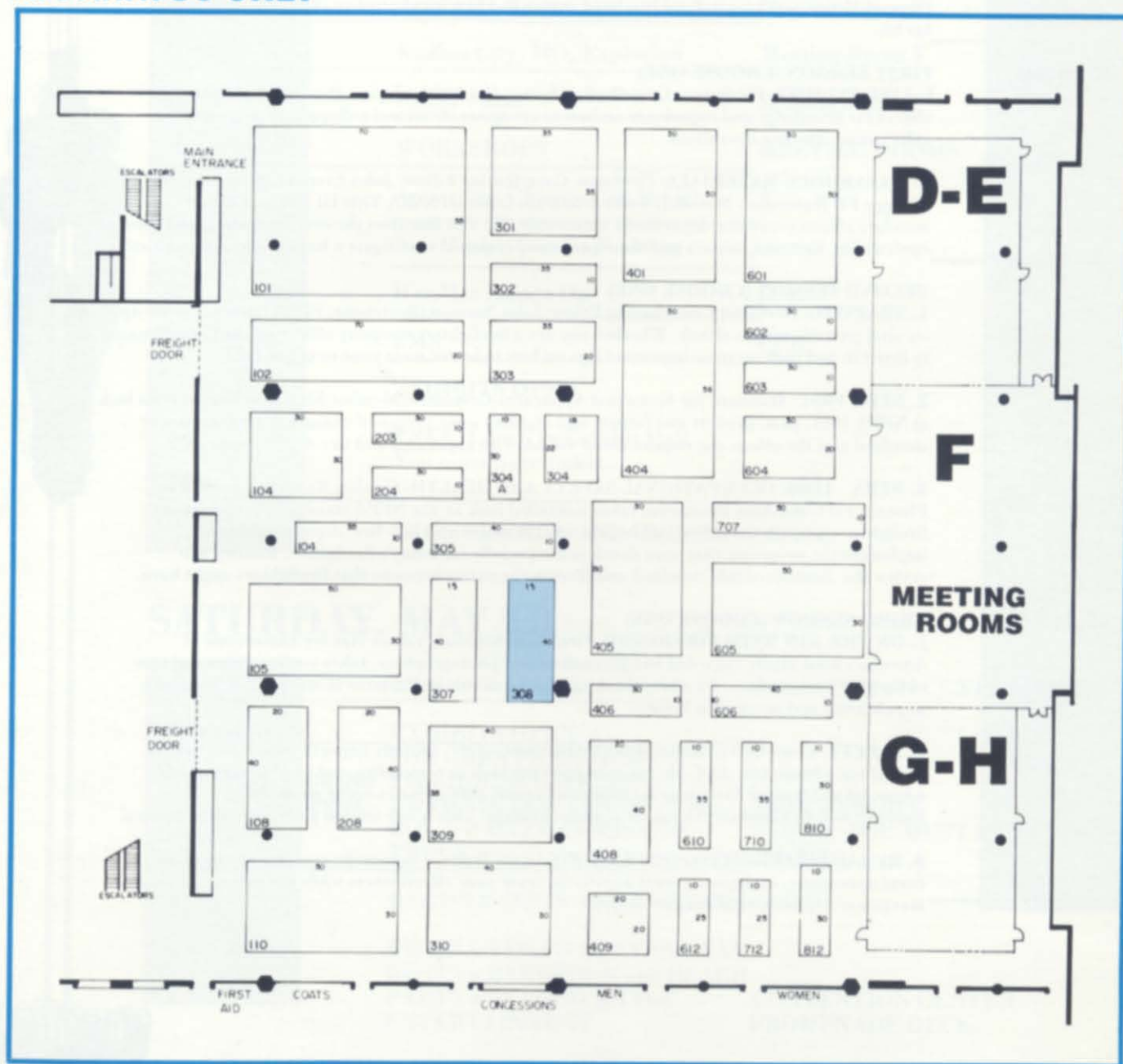




# CHARLOTTE CONVENTION CENTER FLOOR PLAN

MAY 11-14, 1989

## APPARATUS ONLY



**308**  
GIVE-AWAY  
BOOTH

# FOOD SERVICE AREA

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1121

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1129	1131

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1001
1000

1102	1104	1106	1108	1110	1112	1114	1116
1003	1005	1007	1009	1011	1013	1015	

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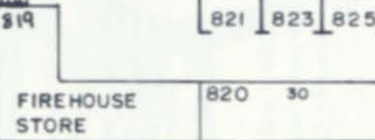
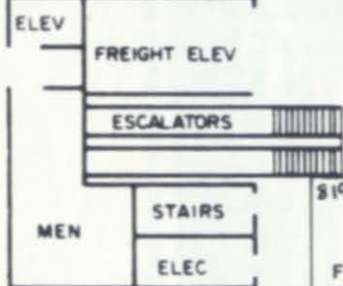
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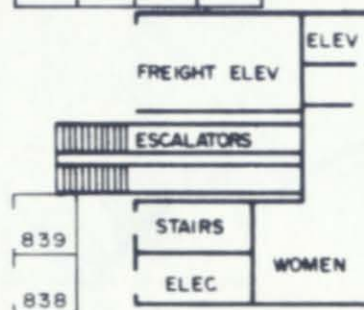
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920	922	924	926	928	930	932
821	823	825	827	829	831	833



839
838

PLAZA LEVEL

1242  
DROP BOX FOR  
GIVE-AWAY



# SEMINAR PROGRAMS

## FRIDAY, MAY 12

9:00 A.M.

**ARMENIAN RESCUE OPERATIONS-** Captain Bill Gustin, a member of the Metro-Dade, Florida, Fire Department, details the awesome task that confronted members of the U.S. delegation during the recent tragic earthquake in Armenia.

10:00 A.M.

**KANSAS CITY, MISSOURI, EXPLOSION-** Deputy Chief Bill Booth of the Kansas City, Missouri, Fire Department describes the devastating ammonium nitrate explosion that claimed the lives of six firefighters.

11:00 A.M.

**CHIEFS PANEL-** In a no holds barred, give and take, chiefs from around the South, including Charlotte's Luther Fincher, W. David Hilton, Cobb County, Georgia, Russell E. Sanders, Louisville, Kentucky, Herman Brice, Palm Beach County, Florida, Fire and Rescue, Larry MacMillan, Fort Worth, Texas, and Neil Svetanics, St. Louis, Missouri, discuss fire service problems and solutions. The panel will be moderated by Hal Bruno, *Firehouse* contributing editor and ABC News political director.

12:00 P.M.

### **WORKSHOPS (CHOOSE ONE)**

**EMS: INFECTIOUS DISEASE CONTROL-** *Firehouse* Contributing Editor and volunteer firefighter/paramedic Rich Adams addresses the special problems EMS providers face when dealing with people contaminated with infectious diseases. He will be joined by Chief Dennis Rubin (Chesterfield, VA) who will take a look at this growing problem.

**HAZ MAT HANDS-ON** -*Firehouse* Contributing Editor Greg Noll, nationally recognized for his expertise in controlling hazardous materials incidents, discusses the proper procedures and techniques of which fire departments should be aware.

**NEW TECHNOLOGIES IN TRAINING-** *Firehouse* Magazine and IBM will demonstrate their revolutionary Interactive Computerized Training System, the newest technology in fire service training. They explain how this training system can train firefighters faster, offer them greater retention and improve their overall fireground performance.

**NEW DEVELOPMENTS IN CHASSIS DESIGN-** George Szykiel, president of Spartan Motors, Dick Gergel, vice president of marketing and sales for Pemberton Fabricators and Ron Didion, vice president of sales and marketing for Simon-Duplex, Inc., discuss what's new and popular in the chassis market.

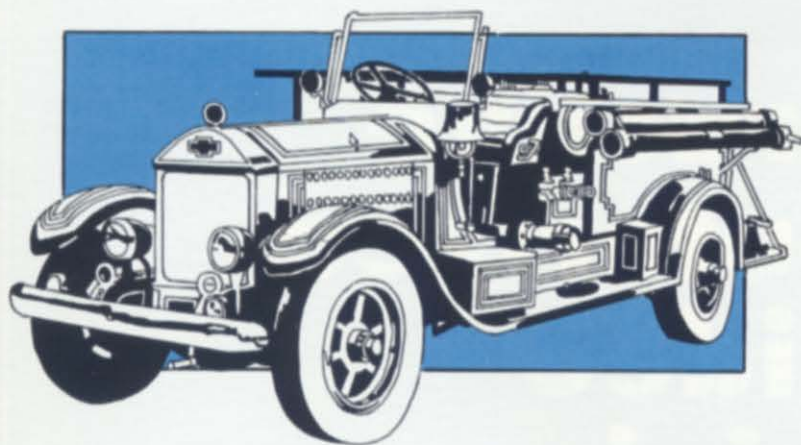




# PARADE AND MUSTER



his beautifully maintained piece is a 1928 pumper manufactured by the American LaFrance Company. Owned by the Charlotte Fire Department, it was in use until 1960. You'll see it in Sunday's parade.



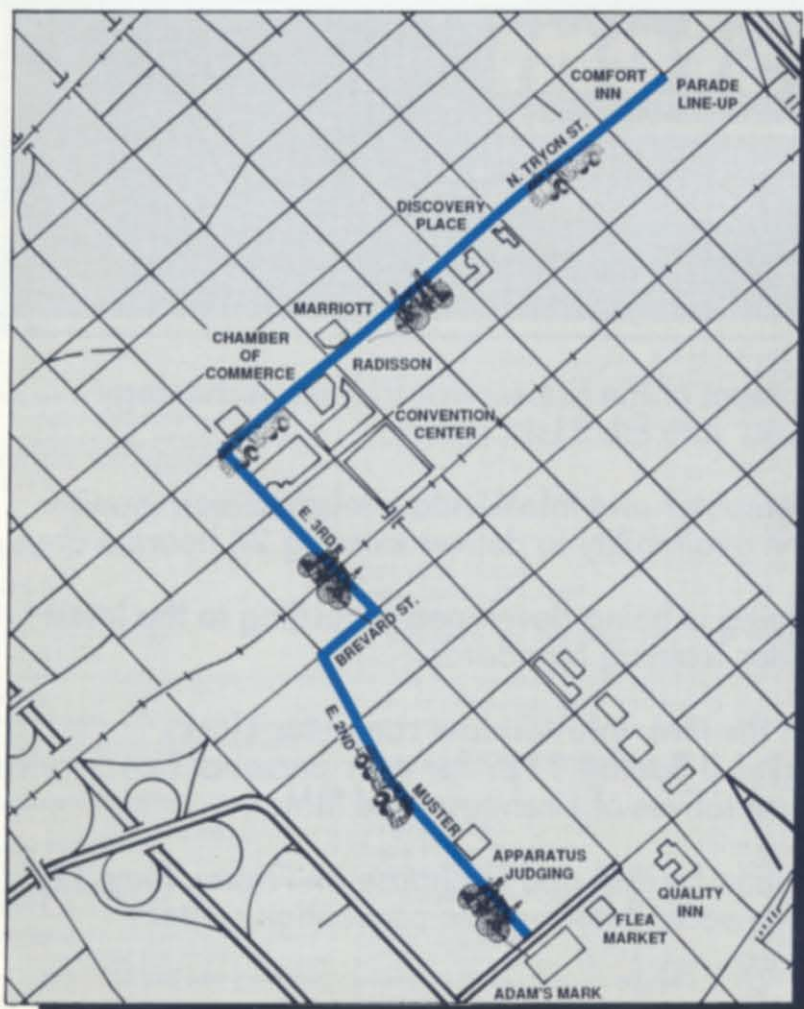
## Sunday, May 14.

The Expo South Parade, featuring over 75 pieces of apparatus, begins at 12:15 p.m. at the corner of West Tenth Street and North Tryon Street. It moves down Tryon past Discovery Place and the Marriott Hotel. North Tryon Street is an especially good vantage point to see all the action. Continuing several more blocks, it turns onto East Third Street for several blocks, continues down Brevard Street and makes a final left turn as it travels down East Second Street. The parade will continue on Second Street, and wind up adjacent to the Adam's Mark Hotel, where the Flea Market and Competitive Muster will be held.

The Flea Market begins at 9:30 a.m. and continues throughout the day. The Competitive Muster begins at 2:30 p.m. and features twelve teams from all over the South competing in precision events designed to test speed and skill. They include the Quick Dress Event, the Burning Building Event, Hose Roll, and Master Stream Attack. Prizes will be awarded both for the winning teams and for the winning Parade rigs at 5:30 p.m. from the judges reviewing stand.

Safety is a very important concern at the Parade and Competitive events. One accident can spoil an entire day of fun. As you go about, please be observant of moving vehicles, streams of water, children climbing on vehicles, and please give our competitive teams ample space in which to work.

**REMEMBER:** Attendee badges must be worn for admission to the Flea Market!





# FIREHOUSE COMMUNICATIONS

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## **Interactive Computerized Video Training System**

Firehouse announces the development of the fire service training technology that will bring you into the 21st Century.

Developed for use on the IBM PS/2 computer and InfoWindow touch-screen monitor, this system gives the training officer the availability to deliver training 24 hours a day.

This breakthrough in fire service training is being developed according to the latest NFPA Firefighter Training Standards.

We invite you to interact with the IBM InfoWindow computer kiosks located in the exhibit entrance area and visit Booth# 1129 for your personal Fire Service demonstration from representatives of Firehouse and IBM.

And don't miss the dynamic presentation by IBM and Firehouse on Friday, May 12, at 12 Noon in the Lounge on the second floor of the convention center.



# LIST OF EXHIBITORS

## 3M SAFETY & SECURITY SYSTEMS

**Booth 1030**  
Building 225-4N-14  
St. Paul, MN 55144  
(612)736-0293  
(800)328-7098  
Opticom/Priority Control System: an essential element for your Emergency Response Management Program.

## A.I.M./JOHNSTON, INC.

**Booth 927**  
P.O. Drawer 1075  
Matthews, NC 28106  
(704)847-3107  
Manufacturer of portable gas detectors for toxic and combustible gases, oxygen, etc. This tool is used for HAZMAT and arson teams.

## ACTION FIRE & SAFETY, INC.

**Booths 1231, 1233**  
216 Fairwood Avenue  
Charlotte, NC 28203  
(704)332-8584  
Serving the Carolinas for 20 years. All types of fire equipment. If it goes on a truck, we carry it. Sales and service you can trust.

## ALUMINUM LADDER COMPANY

**Booth 1136**  
P.O. Box 5329  
Florence, SC 29502  
(803)662-2595  
Manufacturer of aluminum fire department ground ladders. All ladders meet NFPA 1931-1984 edition and NFPA 1932-1984 edition standards.

## AMEC

**Booths 1106, 1108**  
P.O. Box 36158  
Cincinnati, OH 45236  
(513)248-0407  
Publisher of Educational flash cards for firefighters and EMS personnel. Manufacturer of the MASS CASUALTY INCIDENT MANAGEMENT SYSTEM.

## AMERICAN EAGLE

**Booth 102**  
P.O. Box 5669  
Gainesville, FL 32602  
(904)374-6771  
Manufacturer of the finest line of aluminum fire engines and rescues available today. We invite you to stop in and compare our unique features.

## AMERICAN GODIVA

**Booths 406, 606**  
P.O. Box 300  
St. Joseph, TN 38481  
(615)845-4144  
Manufacturers of pumps and pump accessories for the fire service. American Godiva: "The world leader in fire pumps."

## AMERICAN LaFRANCE

**Booth 303**  
600 Mountain Lane  
Bluefield, VA 24605  
(703)326-1121  
Displaying our new American LaFrance pumper and a 75-foot Water Chief II with ladder.

## ASHLEY FIRE EQUIPMENT, INC.

**Booth 208**  
P.O. Box 1360  
Route 1  
West Jefferson, NC 28694  
(919)246-2716  
Complete with fire equipment and representing 3-D Fire Apparatus.

## A T DESIGNS INSIGNIA LTD.

**Booth 1225**  
120 Milner Ave.  
Scarborough, Ontario, Canada M1S3R2  
(416)292-5199  
Manufacturers of lapel pins, badges and plaques. Specializing in custom-designed insignia products.

## BAKER EQUIPMENT ENGINEERING COMPANY

**Booth 605**  
P.O. Box 25609  
Richmond, VA 23260  
(804)342-6845  
Manufacturer of the versatile Aerialscope elevating platform in 75- or 95-foot dual axle, and 75-foot single axle models mounted on Mack chassis.

## BANKS FIRE EQUIPMENT COMPANY

**Booths 1145, 1147**  
P.O. Box 128  
112-B Main Street  
Joanna, SC 29351  
(803)967-5262  
Products available: Quaker Safety Products, Imperial Fire Hose, Aluminum Ladder, Morning Pride, Walter Kidde, Ansul Foam and Firehooks, Tempest blowers, Ranger footwear.

## BETTEN ROL-UP

**Booth 305**  
1924 South Patrick  
Indian Harbor, FL 32937  
(800)247-3999  
In addition to the Betten/Rol-Up vehicle being given away, we will display our haz mat command vehicle with 600 cubic feet of storage space and command center.

## BLUE RIDGE MANUFACTURERS

**Booth 1006**  
229 Brown Road  
Pisgah Forest, NC 28768  
(704)884-5789  
Air Dynamix face piece dryer-light weight, compact, newly patented design quickly dries up to six face pieces and their hoses to prevent mold and mildew build up. Customized monogramming available at this booth.

## BOARDMAN FIRE APPARATUS

**Booth 408**  
1401 S.W. 11th Street  
Oklahoma City, OK 73108  
(405)634-5434  
Apache 55' tower on MC with canopy extension, 1250 two-stage pump, 500 gallon tank, high sides and cross lays.

## BREATHING AIR SYSTEMS

**Booths 1210, 1212**  
8855 East Broad Street  
Reynoldsburg, OH 43068  
(614)864-1235  
Manufacturer of breathing air mobile re-fill trailer; Bauer breathing air compressors and fill stations; air testing program.

## CAIRNS & BROTHER

**Booths 920, 922**  
60 Webro Road  
Clifton, NJ 07012  
(201)473-5867  
Fax (201)473-1357  
Exhibiting our new lightweight, breathable "FireFlite" turnout system and the 990 Intruder, and new Metro II & Phoenix II helmets.

## CAROLINA FIREMASTERS, INC.

**Booths 929, 931, 933**  
Highway 38 South  
P.O. Box 1116  
Bennettsville, SC 29512  
(803)479-3871  
Distributor of Emergency One, Elkhart, Task Force Tips, ISI-Ranger, Angus, Imperial, Bullard, Servus Rubber, Federal Signal, Whelen, Code 3, 3M, Echo, Fyrepel, Chemfab.

## CHARLES H. MACK & ASSOC.

**Booth 1106, 1108**  
10 Winnebago Drive  
Millford, Ohio 45150  
Manufacturers of software for the fire service, featuring HAZMAT AT-HAND hazardous materials software.

## CHARLOTTE EQUIPMENT SALES

**Booth 1100**  
P.O. Box 7243  
Charlotte, NC 28241  
(704)588-1276  
Distributor of all Angus hose, foam, foam equipment, and other equipment including: HAZMAT, nozzles, turnout gear, and fire trucks.

## CHARLOTTE FIRE DEPARTMENT-MUSTER TEAM

**Booth 1004**  
1015 Wabash Avenue  
Charlotte, NC 28208  
(704)392-5690  
Custom designed CFD T-shirts, insignia pins and patches. Profit supports the muster team's activities both locally and regionally.

## CHARLOTTE FIREFIGHTER'S ASSOC. LOCAL 660

**Booth 1223**  
2121 Commonwealth Avenue  
Charlotte, NC 28205  
Constructing "Habitat for Humanity," will be displaying photographs of a house they will be building including a residential sprinkler system.

## CHRISTIAN FIREFIGHTERS

**Booth 1045**  
1015 Wabash Avenue  
Charlotte, NC 28208  
(704)392-5690

## CHURCHVILLE FIRE EQUIPMENT

**Booth 204**  
340 Sanford Road South  
Churchville, NY 14428  
(716)293-1688  
"Putting safety in a better light."

## CJ'S FIRE SPECIALTIES & GIFTS

**Booths 838, 839**  
2575 North Lantern Terrace  
Hernando, FL 32642  
(904)726-6358  
Liquor decanters, firematic gifts, toys, puzzles, statues, pewter, custom hat tacs including apparatus logos. See us for hat tacs of your design.

## COVINGTON DIESEL

**Booths 831, 833**  
P.O. Box 26653  
Charlotte, NC 28213  
(704)596-8000  
Distributor of Allison Transmission, Detroit Diesel Engines, Generac Generators, and Redi Line Generators.

## CRAFT STEEL INDUSTRIES

**Booths 612, 712, 812**  
P.O. Box 108  
Farmville, NC 27828  
(919)753-3152  
Fax (919)753-3154  
STEEL CRAFT/Fire apparatus Division, manufacturers of custom built, hand crafted fire truck tankers and brush trucks. Distributors in VA, NC, SC for Braun Ambulances and Collins Ambulance in NC, SC.

## DataAge SOLUTIONS

**Booth 1144**  
P.O. Box 8700  
Madison, WI 53708  
(608)274-9841  
PROBER Chief Fire and EMS personal computer software. Easy to use comprehensive on-site training. Let us help bring you into the next century.



# LIST OF EXHIBITORS

## DAVID CLARK COMPANY

**Booths 1215, 1217**  
P.O. Box 15054  
Worcester, MA 01615  
(617)756-6216  
Displaying noise attenuating headset for portable or mobile radios and vehicle intercom systems - VOX Operating Systems.

## DIXIE FIRE AND SAFETY

**Booths 1103, 1105, 1107**  
P.O. Box 646  
Lenoir, NC 28045  
(704)754-8876  
American LaFrance, EEI Boardman, Globe, Imperial, Elkhart, Akron, SurvivAir, Hale, Ken Mar, Red Head, Code 3, Federal, Ranger, Firecraft, Bullard and truck repair center.

## EAGLE AIR SYSTEMS

**Booths 1110, 1112**  
6122 Hunt Road  
P.O. Box 458  
Pleasant Garden, NC 27313  
(919)674-3621  
Exhibiting our Baron SCBA fill system and other breathing air equipment for the fire service.

## EAGLE SUSPENDERS COMPANY

**Booth 827**  
306 Middle Street  
P.O. Box 1286  
Fairborn, OH 45324  
(513)879-5894  
The only fully integrated and NFPA approved suspenders available. The design is so unique, it's patented.

## ECKMAN ASSOCIATES

**Booth 1146**  
P.O. Box 718  
Lapolla, MD 20646  
(301)934-4601  
Fire protection and water supply planning, specialized training programs.

## EMERGENCY EQUIPMENT COMPANY

**Booth 304A**  
P.O. Box 40069  
Raleigh, NC 27629  
(919)828-7928  
FAX (919)856-1643  
Fire truck manufacturers: mini-pumpers, commercial pumpers, custom pumpers, pumper-tankers, and tankers. Family owned, individual customer attention and high quality apparatus.

## EMERGENCY ONE

**Booth 105**  
1701 S.W. 37th Street  
Ocala, FL 32671  
(904)237-1122  
Will be featuring the E-One HUSH rear engine pumpers, 95-foot aerial platform, and a C-3000 FORD pumper for sale on the floor.

## F & D SALES COMPANY

**Booths 1211, 1213**  
10935 North Hardy Street  
New Orleans, LA 70127  
(504)242-1162  
Custom embroidery for the Fire, Rescue, and Emergency Medical Services and custom embroidered emblems.

## FEDERAL SIGNAL CORPORATION

**Booths 921, 923**  
2645 Federal Signal Drive  
University Park, IL 60466  
(312)534-4744  
Manufacturer of emergency warning lights, sirens, switch controls, and accessories.

## FIREFIGHTERS BURN FOUNDATION

**Booth 1000, 1001**  
Box 911  
Yonkers, NY 10703  
(914)375-0540  
Sales of firematic plaques, hats and memorial cards for the benefit of the Westchester Burn Center.

## FIREFIGHTER-TEES, INC.

**Booths 1009, 1011**  
4036 Old Post Road  
Seaford, NY 11783  
(516)796-9451  
Major manufacturers of NYC Fire Department T-shirts, sweatshirts, hats, emblems, plus custom embroidered jackets, sweaters, golf shirts, etc.

## FIREHOUSE BOOTH

## FIREHOUSE/IBM INTERACTIVE

**Booth 1129, 1131**  
33 Irving Place  
New York, NY 10003  
(212)475-5400  
FAX 212-353-2863  
See our ad!

## FIREHOUSE VIDEO TRAINING SYSTEMS

**Booth 1133**  
33 Irving Place  
New York, NY 10003  
(212)475-5400  
FAX 212-353-2863  
Presenting continuous showings of the Firehouse Video Training System, 18 tapes of comprehensive and effective methods of firefighter training.

## FIREQUIP, INC.

**Booths 1206, 1208**  
P.O. Box 2598  
Burlington, NC 27215  
(800)334-6823  
Featuring the fire hose-synthetic, fire engine suction hose, maxi-flex suction hose, booster hose, large diameter supply line and spanner wrenches.

## GEMINI II PRODUCTIONS LTD.

**Booth 1121**  
Route 2 Box 146C  
Cedar Road  
Fountain Inn, SC 29644  
(803)876-3548  
SCAT hovercraft, all terrain vehicle for fire and rescue. Also, computer hardware and software for fire and rescue department management, EMS, hazardous materials, plus communication systems for dispatching.

## GENERAL DYNAMICS

**Booth 925**  
14 Holms Street  
Mystic, CT 06355  
(203)572-8971  
Specializing in HAZMAT decontamination equipment and SCBA cleaning and sanitizing equipment. Manufacturers of the "Maskleen" product line.

## GIGI ENTERPRISES

**Booth 1336**  
436 3rd Street  
Smithton, PA 15479  
(412)872-4332  
"Miracle Cloth"-- cleans, dries, and polishes all fire apparatus. Come see our free demonstration of man-made chamois.

## GLOBE SAFETY EQUIPMENT, INC.

**Booths 1003, 1005**  
P.O. Box 1422  
Dayton, OH 45401  
(800)336-7222  
Manufacturer of Guardsman self contained breathing apparatus, RES-Q-FLO mouth to mask resuscitators and Short Snorter escape unit.

## GRUMMAN EMERGENCY PRODUCTS, INC.

**Booth 101**  
1723 Seibel Drive  
Roanoke, VA 24012  
(703)985-2271  
Will be displaying our new tilt cab chassis. Also showing the mid-mounted aerial platform, one Firecat pumper, and our Tigercat pumper.

## HACKNEY & SONS, INC.

**Booth 604**  
400 Hackney Avenue  
P.O. Box 880  
Washington, NC 27889  
(919)946-6521  
Manufacturer of emergency support vehicles and rescue/pumpers.

## HAROLD'S SALES & SERVICE CO.

**Booths 1141, 1143**  
978 Industrial Park Drive  
Marietta, GA 30065  
(404)422-2777  
One of the largest suppliers of firefighting equipment and apparatus in the Southeast. Quality products! Competitive prices! Dependable service!

## HOECHST CELANESE CORPORATION

**Booth 1214**  
P.O. Box 32414  
Charlotte, NC 28232  
(704)554-3567  
Manufacturer of non-burning fiber for use in firefighters' bunker gear, protective garments, sock hoods, high temperature gloves, and aluminized fabrics.

## HOOK & LADDER BUCKLES

**Booth 1319**  
74 Vermont Avenue  
Asheville, NC 28806  
(704)252-1207  
Direct and catalogue sales of belt buckles, pins, key chains, belts and similar quality crafted items, just for firefighters and emergency medical personnel.

## HOT SHOTS

**Booth 1310**  
569 Lillian Drive  
Maderia Beach, FL 33708  
(813)391-0962  
Women firefighters calendar-professional, functional, color coded shift calendars, accented by gorgeous female firefighters from across the U.S.

## I.S. RESOURCES INC.

**Booth 1040**  
4361 Route 8  
Allison Park, PA 15101  
HazMat Supply Groups/ISR supplying hazardous materials handling equipment and training, including "total" Level A protection by Trelleborg/Interspiro.

## IN COMMAND INDUSTRIES, INC.

**Booth 1241**  
5527 Inland Trail  
P.O. Box 5339  
Fort Wayne, IN 46825  
(219)483-7136  
Displaying the Situation Status Command Board, designed to aid in safe and efficient emergency operations. The best and most innovative Command Vesting System.

## IOWA-AMERICA FIREFIGHTING EQUIPMENT

**Booths 1227, 1229**  
Industrial Park  
Osceola, IA 50213  
(515)342-6091  
(800)342-IOWA  
Manufacturer and distributor of quality firefighting tools and equipment including the Iowa Hydra Force Tool wood and fiberglass Hook Tools, SCBA, Emergency Lighting Systems handling equipment.



# LIST OF EXHIBITORS

## J.A.J. ENTERPRISES

**Booth 1002**  
1015 Wabash Avenue  
Charlotte, NC 28208  
(704) 392-5690

Featuring unique firematic T-shirts, hats, mugs and suspenders. Custom design and layouts available. Other products available on request.

## K.C. ENTERPRISES

**Booth 1221**  
10719 Scott Drive  
Fairfax, VA 22030  
(703)352-8064

Displaying custom embroidered jackets, shirts and hats with fire and EMS logos. Also a wide variety of fire department gifts for all ages.

## KOVATCH MOBILE EQUIPMENT

**Booth 601**  
1 Industrial Complex  
Mesquehoning, PA 18240  
(717)669-9461  
Custom chassis, pumpers, tankers, aerials and rescues.

## KUSSMAUL ELECTRONICS CO.

**Booth 1130**  
170 Cherry Avenue  
West Sayville, NY 11796  
(516)567-0314  
Displaying its line of automatic battery chargers, the auto pump air brake leakage compensator and auto eject automatic shoe line disconnect. Come to our booth and see the new AIR EJECT.

## LARRY FOX & COMPANY

**Booth 1038**  
PO Box 729  
Valley Stream, NY 11582  
(516)791-7929  
Largest selection of in-stock firematic specialties, specializing in bumperstickers and decals. We also custom imprint on a wide variety of items.

## LIFEJACK, INC.

**Booth 1039**  
8110 Salisbury Road  
Statesville, NC 28677  
(704)878-9506  
Manufacturer of high-performance Honda powered pressure ventilators called the PPV. 5HP=16,000 CFM/8HP=22,000 CFM

## MARS SIGNAL LIGHT CO.

**Booth 1111**  
1224 Industrial Blvd.  
Naples, FL 33942  
(813)643-0222  
Manufacturer of emergency warning lights, mechanical sirens, electronic sirens, and light bars.

## MAXI-SIGNAL PRODUCTS, CO.

**Booth 1007**  
321 Scenic View Drive  
P.O. BOX 398  
Atlanta, GA 30339  
(404)436-8779  
A complete line of strobe lights for fire apparatus, ambulances and related equipment manufactured by Tomar Electronics Inc.

## McCLAIN PUBLISHING CO.

**Booth 1051**  
2201 Crown Point Executive Drive  
Charlotte, NC 28212  
(704)847-8673  
Representing the Volunteer Fireman, the Southern Fire and Rescue, Rescue Squad Quarterly, The Law Enforcement Times, Nurses Network and United Veterans Report.

## McKEE CRAFT BOATS

**Booth 1207**  
404 Sandy Street  
P.O. Box 623  
Fairmont, NC 28340  
(919)628-0926  
Manufacturers of customized unsinkable boats for fire, rescue and law enforcement agencies. Boat sizes from 14 to 22 feet. A 14 foot rescue boat is on display.

## MDI TRAFFIC CONTROL PRODUCTS

**Booth 1243**  
24450 Indoplex Circle  
Farmington Hills, MI 48331  
(313)478-1900  
FAX 313-478-2848  
Advance Warning Portable sign system.

## MILWAUKEE STRAP, INC.

**Booth 1113**  
P.O. Box 13841  
Milwaukee, WI 53215  
(414)483-4711  
Will be demonstrating a fire helmet chin strap specifically designed to work in conjunction with breathing apparatus.

## MORELAND-CHAMPLIN ENTERPRISES

**Booth 1044**  
143 Baily Street  
Safety Harbor, FL 34695  
(813)726-3176  
Bunker/turnout gear repair specialists. Please be safe.

## MOTOROLA

**Booths 1031, 1033**  
85 Harristown Road  
Glen Rock, NJ 07452  
(201)447-4000  
Manufacturer of communications equipment, base stations, mobiles, portables, pagers, data and signaling equipment, plus advanced trucking systems for sale or lease.

## MUNICI-COMP, INC.

**Booth 1240**  
135 Delta Drive  
Pittsburgh, PA 15238  
(412)963-7440  
Displaying a direct mail fundraising system for volunteer fire departments and ambulance squads.

## NEWTON FIRE & SAFETY

**Booths 1124, 1126, 1128**  
124 S. Front Street  
P.O. Box 13  
Swepsonville, NC 27359  
Exhibiting protective clothing, helmets, MSA airparks, haz mat items, fire boots, air bags, warning lights and brass goods. Full line of reflexite products.

## OTTERBINE/BAREBO, INC.

**Booth 1009**  
RD 2 Main Road E.  
Emmaus, PA 18049  
(215)965-6018  
Displaying our floating portable fire pump. Capable of pumping over 400 gpm.

## OUR DESIGNS

**Booths 1008, 1010, 1012**  
P.O. Box 17404  
Covington, KY 41017  
(606)344-1811  
"The company that responds," specializing in gifts, books, training materials, badges, patches, decals, mag-lights and awareness builders for individuals and departments.

## PEM FAB TRUCKS

**Booth 302**  
30 Indel Avenue  
Rancocas, NJ 08073  
(609)267-0922  
Fax (609)261-2546  
Displaying heavy-duty, tough, reliable fire chassis: model imperial T944A Vista Series, 40,000 lbs. GVWR: 200 in. wheel base, 4-door aluminum tilt cab, with a 20 in. raised Vista Roof, GV927A(350HP) Engine, HT-740 Trans., FL 9419 (16,000lbs.) front axle RS23160 (24,000lbs.) rear axle and many other features.

## PERSONALIZED WEAR CO.

**Booth 825**  
2209 Boone Trail Road  
Sanford, NC 27330  
(919)775-5637  
Advertising specialties/ball caps, golf caps, jackets, shirts, sweats; printed with different processes, such as sublimation, silk screening, or embroidery.

## PHILADELPHIA CERVICAL COLLAR CO.

**Booths 1138, 1140**  
P.O. Box 185  
Westville, NJ 08093  
(215)923-9760  
Providing state-of-the-art E.M. collars and products for emergency and medical professionals.

## PIERCE MFG. INC.

**Booth 404**  
P.O. Box 2017  
Appleton, WI 54913  
(414)731-5251  
Displaying a 105-foot Quint Aerial Ladder - heavy duty rescue with air, power and light - Lance 1250 GPM Pumper.

## PLUGWRENCH ENTERPRISES

**Booths 1314, 1316**  
614 Poplar Street  
Denver, PA 17517  
(215)267-6158  
Displaying Firematic gifts, lamps, pins, toys, figurines, jewelry, belt buckles, fireman clocks, and a large selection of stuffed animals.

## PUBLIC SAFETY EQUIPMENT

**Booth 1050**  
1842 Craig Park Court  
St. Louis, MO 63146  
(314)434-4600  
Manufacturer of emergency vehicle warning lights, sirens, and accessories.

## QUAKER SAFETY PRODUCTS CORP.

**Booth 1216**  
Main & Juniper Streets  
Quakertown, PA 18951  
(215)536-2991  
Manufacturer of NFPA-OSHA compliant turnout gear and NOMEX and EMS coats.

## RAY LAMBERT ENTERPRISES, INC.

**Booth 1237**  
Box 1000  
Sophia, WV 25921  
(304)683-4595  
SURVIVAIR NATIONAL SCBA REPAIR CENTER - Lightweight D.O.T. Air Cascade Systems. We are manufacturers of the "Thread Savers" (cylinder valve thread protection).

## RICO SAFETY FOOTWEAR

**Booth 1032**  
1020 Eighth Avenue  
P.O. Box 407  
King of Prussia, PA 19406  
(215)337-2500  
FAX (215)337-7434  
Featuring the Maximizer leather 100% waterproof fire boots. High-tech lightweight station footwear.

## ROBOTRONICS, INC.

**Booth 1202**  
1529 N. Main  
Spanish Fork, UT 84660  
(801)798-3545  
Creators of Educational Robots used for teaching safety to schoolchildren.



# LIST OF EXHIBITORS

## SAFE-CHEM DISTRIBUTORS

**Booth 1142**  
514 Egret Way  
Lake Worth, FL 33467  
(407)863-8285  
Florida's only Water-Jel distributor. Water-Jel is a one-step fire extinguishing, heat protecting primary burn system.

## SCOTT AVIATION

**Booths 1020,1022,1024**  
225 Erie Street  
Lancaster, NY 14086  
(716)683-5100  
NFPA-1981 compliant Air-Pak 2.2 and 4.5 (SCBA) and portable gas detector instrumentation.

## SECOND CHANCE BODY ARMOR, CO.

**Booth 1042**  
P.O. Box 578  
7919 Cameron Street  
Central Lake, MI 49622  
(800)253-7090  
Manufacturer of personal protective soft body armor worn by American law enforcement officers and fire, safety and EMT personnel.

## SERVUS RUBBER COMPANY, INC.

**Booth 928**  
1136 2nd Street  
Rock Island, IL 61204  
(309)786-7741  
Come see the Firebreaker, the ONLY fireboot U.L. certified in accordance with NFPA 1974-1987 Edition.

## SETCOM CORPORATION

**Booth 829**  
1400 North Shoreline Blvd.  
Mountain View, CA 94043  
(415)965-8020

## SIMON LTI

**Booth 401**  
417 Cocalico Creek Road  
Ephrata, PA 17522  
(717)859-1176  
The world's largest manufacturer of aerial fire equipment. Our product range includes aeriels from 55' to 200'.

## SIMON-DUPLEX, INC.

**Booth 103**  
Gundy Drive  
P.O. Box 295  
Midvale, OH 44653  
(614)922-5955  
Manufacturer of Custom chassis for pumper, pumper/tankers, aeriels, Hazmat, rescue and other emergency service vehicles.

## SLAGLE'S FIRE EQUIPMENT

**Booth 301**  
P.O. Box 2184  
Cayce, SC 29171  
(803)791-4555  
Main Office: US Highway 58 East  
Box 15  
South Boston, VA 24592  
(804)575-7905  
Complete line of new FMC Fire Apparatus, reconditioned trucks, two refurbishing and repair facilities and a complete accessories equipment line.

## SNORKEL

**Booth 405**  
P.O. Box 65  
Stockyards Station  
St. Joseph, MO 64504  
(913)989-4481  
Will be displaying "Tele-Squirt" 65-foot aerial ladder/water tower and "Snorkel" 85-foot articulated two-boom elevating platform.

## SPARTAN MOTORS

**Booths 610,710**  
P.O. Box 440  
Charlotte, MI 48813  
(517)543-6400  
New Spartan "Eurospace"—totally enclosed four-door cabs featuring the Gladiator medium four-door. See the all-new product line-up.

## STREAMLIGHT, INC.

**Booth 1109**  
1030 Germantown Pike  
Norristown, PA 19403  
(215)631-0600  
FAX 215-631-0712  
Aircraft Aluminum standard and rechargeable flashlights and Litebox lanterns, fireman and industrial models with limited lifetime warranty. Transformable flashlight headlamp.

## SUPERIOR EQUIPMENT CO.

**Booths 821,823**  
2601 Palma Drive  
Ventura, CA 93003  
(805)642-2673  
The leader of SCBA accessories: Bowman Pack Back, P 1923, 1st In Seat, Tough Tank Cylinder Bracket, SCBA Covers, Utility Clip.

## SUTPHEN CORPORATION

**Booth 203**  
7000 Columbus-Marysville Road  
Amlin, OH 43002  
(614)889-1005  
Manufacturers of aeriels and pumers will be showing a new model this year.

## TAR HEEL FIRE APPARATUS/WOLVERINE FIRE APPARATUS

**Booth 707**  
Rt. 2 Box 378  
Maiden, NC 28650  
Displaying a new Wolverine Fire Apparatus custom-built (Fire Commander) pumper/tanker, hi-tech equipped for attack.

## TEAM EQUIPMENT, INC.

**Booths 930,932**  
6045 Sherwin Drive  
Port Richey, FL 34668  
(813)848-2424  
Manufacturer of air bags, rescue saws, and safety tools.

## THE CUTTERS EDGE

**Booth 1132**  
34385 Broken Oak Lane  
Julian, CA 92036  
(619)765-0597  
Will be displaying the CE-670-FDV Ventilation Saws, the company's own fire department style carbide tipped chain, and the TS-10 Tool Sling.

## THE FIRE HOUSE

**Booth 1150**  
125 East Church Street  
Newark, OH 43055  
Displaying children's and adults' Fire-matic t-shirts, uniform jewelry, caps, gifts, and novelties.

## TONQUISH CREEK FIRE CO.

**Booths 1236,1238,1137,1139**  
932 Penniman  
Plymouth, MI 48170  
(313)451-0161  
High quality gifts for young and old, collectibles and antiques. Books, needlework, gold and costume jewelry, prints, Smokey the Bear, Dalmatians.

## U.S. FIRE ADMINISTRATION

**Booth 1104**  
16825 South Seton Avenue  
Emmitsburg, MD 21727  
(301)447-1122  
Will be displaying several publications "Barriers to Public Fire Education," "Forum on Communicable Diseases," "CEO Check List," "Check Your Hot Spots."

## UNIVERSAL RESCUE VEHICLES

**Booths 602,603**  
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(203)526-9504  
Manufacturer of Audible/Visual signaling devices including Strobe-Alarm, UL listed. Designed for the hearing impaired to produce visual as well as audible signals.

## WORLD FIREFIGHTING GAMES

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Carlsbad, CA 92009  
(619)431-0359  
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## ZIAMATIC CORP.

**Booths 1021,1023,1120,1122**  
10 W. College Avenue  
P.O. Box 337  
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Zico will be introducing the Quic Flow Pump Wave (10") along with other new products.

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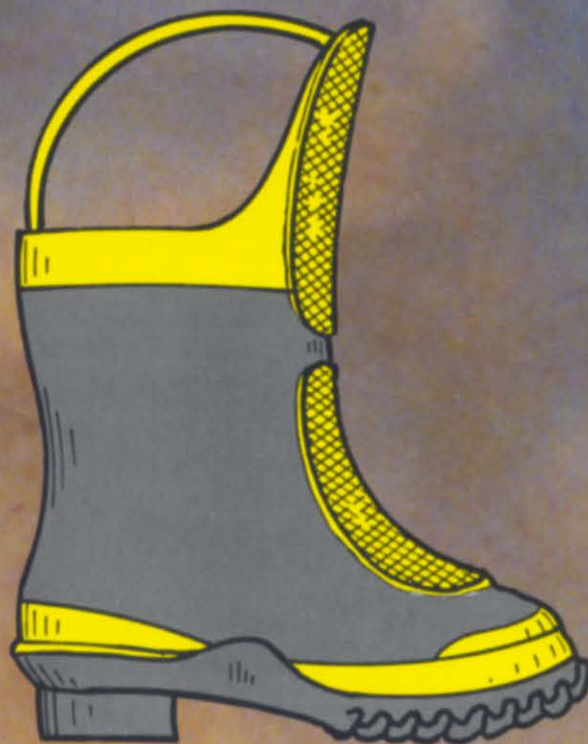
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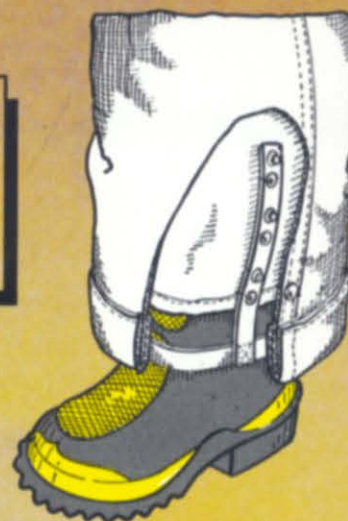
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*This boot was developed by a firefighter to offer the lightweight advantages of the newer leather boot products; while retaining the strong advantages of rubber (better dielectric protection better haz-mat capabilities, easier and quicker donning, pants storage rolled down over the boot, etc.). The #IBK-Lite<sup>1</sup> eliminates only non-functional boot dimensions for minimum weight. Wouldn't you say that about sums up what every firefighter dreams of in a bunker boot.*

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Linerkeeper Strap<sup>1</sup> helps insure moisture barrier will stay over boots and not ride up.

<sup>1</sup> - PATENT PENDING

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