

THE BUGLE

Summer 2014

SAVING HISTORY, SAVING LIVES!

Volume 20, Number 2

By John Zangerle

The Fire Museum is excited to announce a benefit concert for the Museum, **“Douse the House,”** to be held on Saturday, August 16, 2014 at the Jacobs Pavilion at Nautica. The headliner band is “Bruce in the USA,” the world’s number one tribute to Bruce Springsteen and the E Street Band. Also appearing are local bands Crazy Chester, the Brittany Reilly Band and Faith and Whiskey. Our Museum member Bill Bishop is a member of Crazy Chester and Museum Board Member Judge Michael Donnelly is part of Faith and Whiskey. The concert will start at 4:00pm, but should continue to rock the Flats until around 11:00pm. There will be plenty of food and beverages available. This will be a real “fun” raiser. Concert and ticket information is available at www.dousethehouse.com. Tickets can be ordered online through their Douse the House website. Please support the Museum and come out for a great time.



Photo courtesy of Bruce in the USA

The concert was one of a number of different fundraising ideas the Museum Board considered for the year. Museum members Bill

Bishop and Mary Kay DeLong approached their brother, Board member Duane Bishop, and volunteered to organize a concert fund raiser for the Museum. Bill and Mary Kay had done a very successful concert fund raiser last year and felt they could help the Fire Museum with their experience. After searching for a venue, they recommend that we “go big” and use the Jacobs Pavilion at Nautica. To assure a good turnout, Bill booked the premier Bruce Springsteen tribute band. Fans of the local bands appearing will enjoy seeing their bands on the “big stage.”

To make this event a success, ***we really need your support!*** Sales for our leading sponsors have gone well, but we need to fill the rest of the seats. The lead sponsors are Forest City and the Cleveland Clinic. Good seats are still available. There are no excuses not to attend if you were “Born in the USA.” We will have a “roaring” good time and we want to see Nautica “well involved.” Please do your part and bring along friends and families.

President’s Log

By Roy P. Ziganti, Jr.

Welcome from the corner of Carnegie and Ontario. Our front façade has changed again. We recently installed entrance doors as well as the second floor windows. We still have a little more work to do on the front of the column bases, but we are getting there. This entrance will be accessible in time for our September opening; things are progressing downtown.

Public service has been with America since revolutionary times when it was not considered charity, but was just about helping one’s neighbor. Public service and the Fire Department is no different. We have a long history of volunteering. Many times when a family was burned out of their home, firemen have taken up a collection to present to the family in their time of need. Among the best example of volunteering is collecting for the Muscular Dystrophy Association for the past 60 years. There is probably not another group of individuals who have made a bigger impact to a specific charity than the firemen have made with the MDA. Cleveland Fire is very unique with two individuals who have broken the \$100,000 barrier in personal collections for MDA. Joseph Von Alt and William Gorey, Jr. passed this milestone and Bradley Englehart is closing in fast.

Ours is a fine example of public service. As I can attest in my eight years of Executive Board membership, public service (volunteerism) has been the key in what we have accomplished with the funding we have to work with. Numerous individuals have logged hundreds and a few, thousands of hours, to get this place where it is today. Individuals are consistently asking to help. We still have many requirements that have to be fulfilled in order to meet our projected opening date of September 20th.

(Continued on page 2, see Log)

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This newsletter is dedicated to informing the members of the Western Reserve Fire Museum and Education Center of its activities and events.

Published by The Western Reserve Fire Museum and Education Center, 310 Carnegie Ave.,

Cleveland, Ohio 44115-2816

Phone: (216) 664-6312

www.wrfmc.com

President's Log

(Continued from page 1)

Many age challenged individuals have been the key to what has been accomplished as well as some not of legal age, and I believe we would be lost without them. I have no doubt in my mind that we will be able to meet our September 20th opening date; we should not only have to rely on retirees to accomplish this goal. Members of the Western Reserve, I think that we can do better, drop me a line, give me a call. I need all trades and abilities from each and every one of us of the Western Reserve to make this our Museum

The New Face of the Museum

It's worth a large picture! Old Station No. 28 is beginning to look like a Fire Museum that so many of us have dreamed about for years (for some of us, many, many years). The front façade is almost complete with the installation of new front doors and second floor windows. Those will be the style that will eventually be mounted in all windows and is keeping with the original style except the middle panel opened. The balcony is yet to be added and the stone work around the base of the canopy is yet to be finished. This would not have been possible without the generous support of the Reinberger Foundation.

Paul Nelson Photo



It's only the beginning !

Annual Fire Museum Muster

Mark your calendar to join the Western Reserve Fire Museum and the Western Reserve Fire Buffs at the annual fire engine muster on Sunday, September 7, 2014, at Barlow Farm park on Terex Road in Hudson. Started in memory of long time members Bill and Ida Varnes, the event provides an opportunity for members and friends to bring out their fire trucks with the opportunity to parade through town and pump from the farm pond. There will be a short program at noon to recognize Ohio fire fighters who died in the line of duty since the last muster as well as recognize our own members who have passed away.

The rigs should begin to line up about 10:00am with the parade through Hudson set to leave about 10:30am. After returning there will be a lunch with burgers, hot dogs and beverages provided by WRFBA but we always welcome other donations of goodies. Pumping begins after lunch with the program winding up about 2:00pm. Parker Browne is again organizing the event (brownfire@aol.com) with assistance from Hudson Fire Chief Jerry Varnes and members of the Hudson Fire department. Bring your truck or just yourself and the family for a fun day in the (anticipated) sun.

Paul Nelson Photo



Volunteers pumping Hudson's 1859 hand engine.

Paul Nelson Photo



Hudson Fire Chief Jerry Varnes at the wheel of Hudson's Restored 28 Seagrave pumper

Fire Museum and Safety Day at the Zoo

The Museum participated at the Greater Cleveland Safety Council's "Safety Day at the Zoo" on June 17th where groups of children are exposed to a variety of safety exhibits and demonstrations. Our "Patches and Pumper" animatronics Dalmatian was a great hit with visitors as they were entertained with a new "voice" Mike Sager (Solon fire fighter) this year. It's a great way to talk about fire safety and still have some fun. Dan Hayden brought the 52 ALF to the scene that was also a big draw with kids having the chance to climb in and on it and ring the apparatus bell. A supply of fire safety flyers were distributed to group counselors to give to their kids at the end of the day. The CFD smoke trailer was also nearby to give the kids a chance to escape from a smoke filled room. Other Museum volunteers for the day were Joan Oliver, Jim Dunkle and Paul Nelson. This is one of the many ways the Museum is active in community events to promote fire safety and spread the word that "Fighting Fire is Everybody's Fight."



Rob Felber Photo

A crew of three driving the '52



Rob Felber Photo

Pumper and Patches on the drive with CFD smoke trailer on the grass.

WRFM at the Motorcycle Ride

Once again the Museum operated the food tent at the 10th Annual Fallen Fire Fighters Memorial Ride on May 25th. Joe Mason organized our participation that included a large number of volunteers to carry out the many necessary tasks. Mark Bauman and his family manned the grills while Dan Hayden and Rob Sheldon brought the Museum fire trucks to the site.

Our participation honors those fallen fire fighters and those who ride but it also serves as one of many fund raisers for the Museum. This year we received a great boost from Rider Insurance who made a generous donation towards the purchase of food. Proceeds from food sales, vendor booth rental space and our T-shirt sales went directly to the Museum and helped to generate about \$3,000 for Museum projects. Each year the ride organizers also make a donation to the Museum. Thanks to all our museum volunteers who made it possible. Some of those can be seen in the photo collage below.



Steve Nedrich Collage Photos

Another Fire Department in Cleveland

By Paul Nelson

There have been several organized fire departments over the years in Cleveland in addition to the municipal department. In 1942 one was established on the west side of the Cleveland Municipal Airport at the Aircraft Engine Research Laboratory (AERL) of the National Advisory Committee for Aeronautics (NACA). To make our story complete, first a look at some early history and an explanation of all the initials.

Work officially began at AERL on May 8, 1942. Fire protection for the site began with the arrival of a 1942 American LaFrance, 600



1942 ALF Model 675 750gpm/CO2

The National Advisory Council for Aeronautics (NACA) was created by Congress on March 3, 1915 to "supervise and direct the scientific study of the problems of flight with a view to their practical solutions." It was dissolved on October 1, 1958 with the creation of the National Aeronautics and Space Administration (NASA) that exists today. In 1941 NACA established its Aircraft Engine Research Laboratory on the west side of the airport that eventually extended into both Brookpark and Fairview Park. AERL was one of four NACA sites in the US. It was renamed the Flight Propulsion Research Laboratory in 1947 and was named the Lewis Research Center (LeRC) in honor of George Lewis, NACA Director of Aeronautical Research when it became a NASA facility. For the record the site was renamed the John H. Glenn Research Center at Lewis Field in 1999.



(l to r) Car 1 Command; Squad 7 back up; Engine 8 1978 Fire-Tec/Chev; Sq 1250/500; Rescue 12 1976 Dodge/Stahl Boady; Truck 6 Ha

Series (Model 675) 750gpm pumper with CO2 delivered by two reels. Serial number L1771 was delivered on December 7, 1942. By 1947 a white Packard ambulance was added, the ALF doors were changed to reflect the new name and the fire department members sported new uniforms.



CARDOX Type 150 6000lb CO2 Crash Truck (Ex OCD WWII)

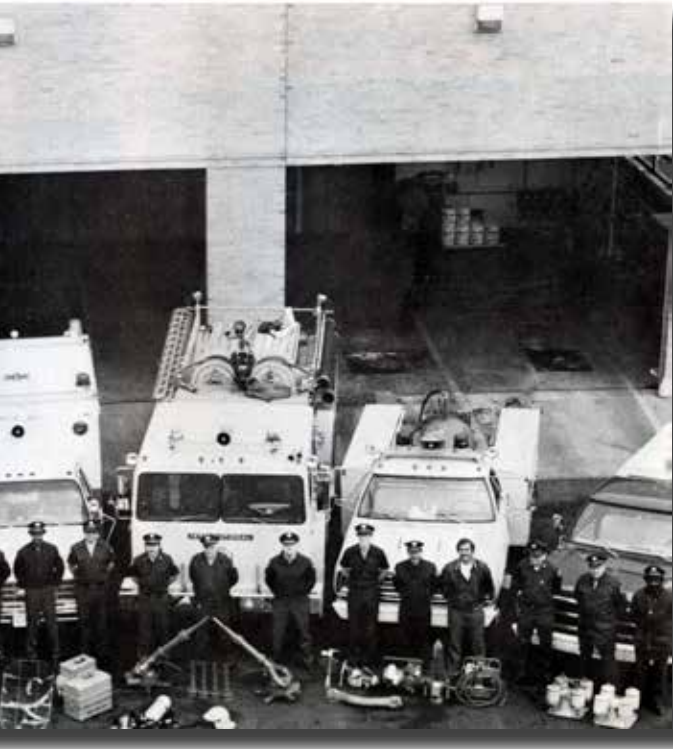


1974 Darley/Hendrickson/IH 1250/500 Engine 9

About that time AERL acquired a Cardox Type 150, 6,000-lb CO2 crash truck believed to have been used at the Cleveland Aircraft Plant No. 2 during WWII. That facility adjacent to the airport's administration building had another Cleveland fire department with five units and several CD trailer pumps.

The AERL department also had a Dodge power wagon that carried four CO2 tanks.

The fire department was officially reestablished as a NASA (federal) fire department in 1960 with the Cardox unit still in service. It was replaced in August 1968 by a Fire Boss/IH cab over complete with



Unit 15 1977 Southern Coach/GMC; Engine 9 1974 Darley/Hendrickson/IH
zMat (In rear OCD Trailer Pump 500gpm/Chrysler engine)

twin turrets on the cab that carried Super-K dry powder and light (wet) water. One of the turrets on the Fire Boss would deliver dry powder and the other wet water. The Fire Boss was a product of Fire Control Engineering of Ft. Worth, TX. The department also had in service a vehicle carrying a 200-gallon tank of AFFF with 150-ft, 1-in hose on a reel. Records do not reveal how long the 600 Series ALF was used or where it went after removal.

In the 1970's the department had grown to 44 members and they were represented by the American Federation of Government Employees. It protected 140 structures scattered over 350 acres. The firehouse was located in one corner of the Technical Services Building (No. 14) along Hangar Access Road. A new pumper (Engine 9) was delivered in 1974 by Darley 1250/500 on an IH/Hendrickson cab and chassis that may have replaced the 600 Series ALF. In 1977 a Southern Coach/GMC EMS/Medic unit (Ambulance 15) was added to the fleet. In 1976 the 200-gallon foam tank unit was remounted on a Dodge pick up with body work by Stahl of Cleveland (Rescue 12). Also acquired was a FireTec/Chevrolet combination unit with 750gpm pump and carried 1000-gallons of AFFF (Engine 8).

An 1985-86 study conducted by NASA headquarters recommended the closing of the Lewis Center fire department but local management rejected the suggestion. There also were some discussions with the City of Cleveland about taking over the service



Paul Nelson Photo

1978 Fire Tec/Chevrolet 750gpm/1000gal AFFF Engine 8

and making it part of the Division of Fire but that also did not go anywhere.

A new Pierce/GMC mimi pumper was delivered in 1989 (400/300/50 foam) and in 1992 an Amertek CFR crash truck NASA 108(1500/1500/400 foam).



Paul Nelson Photo

1976 Dodge with 200gal foam tank Rescue 12

In mid-April 1996 the NASA Lewis Fire Department was disbanded, the last of 10 NASA centers around the country to operate their own federal fire department. There were 17 members on the roster when the service closed. The apparatus was reassigned to other government facilities. Fire/EMS primary protection currently is provided by Fairview Park with back up from Cleveland Hopkins ARFF on the other side of the airport.



Paul Nelson Photo

1992 Amertek CFR 1500/1500/400 foam NASA 108.

Coming This Fall

By Paul Nelson

The Fire Museum embarks on its first major programming event this fall beginning in mid-September. It features the completion of the entire first floor of the Museum including the new entry hall, the main apparatus bay and the education wing. Thanks to a dedicated cadre of volunteer fire fighters and member construction specialists, significant donations from the Reinberger Foundation, the Cleveland Common Pleas Court's Honors Project and the on-going continued support by fire fighter payroll deduction and Museum membership renewals, the long-awaited first phase is about to become a reality.



Stu Warner Photo

1915 Model-T/1916 Hallock Chemical Engine
W. Farmington, OH. WRFM Museum Collection

Beginning weekends of September 20-21, 2014 through November 22-23, 2014 the Museum will be open for special exhibits and programs for the entire family. The feature attraction is our **T PARTY FOR FIRE ENGINES**, a display of nine Model T fire engines in the main apparatus bay. In addition to our own Model T Hallock chemical engine (West Farmington, Ohio), there will be two very special T's on the floor. A very special Model T will be loaned to the exhibit by Tod Wirth of Wisconsin (an ALF Model T Type A double tank Chemical Engine painted white). It is a 1917 American LaFrance on a 1918 Model T. American LaFrance built about 250 of these units. Another unique engine on display will be a Howe piston pump with separate Howe engine mounted on a Model TT from a horse drawn apparatus conversion. It comes courtesy of Mark Radkte of Cincinnati. The roster of T's is still incomplete as we search for the most unusual to be included in our exhibit. A roster will be posted on our website closer to opening weekend. Some of the units will include those owned by Museum members Stu Warner, Bob Gahr and Parker Browne.

Admission to the Museum will be a donation of \$5 for adults, \$3 for children (under 3yrs free) and free to current Museum members. New membership cards will be mailed to all members in the near future that will be your admission to the Museum for this event and all future events.

Hours are Saturdays 10am to 4pm and Sundays noon to 4pm. There will be a special illustrated program on Saturday, October 4, 2014 at 3pm by renowned author and Killen. Author of the book *Fighting Fire* about that and a number of T's around the edition of his book along with a new book chemical fire engines built in Median, Ohio. the program. That program is included that day.

Over the course of the exhibit run Model groups will hold events at the Museum, of their vehicles at the Museum. Watch finalized.



Mark Radkte Photo

1919 Model TT/1914 Howe Separate Motorized Piston
Pump converted from horse-drawn.
Mark Radkte Collection

Visitors will be greeted by our new entrance from the triangle on the east side of the building. Look for some unique outside wall lights fashioned from fire alarm boxes. The entry hall will include a reception desk, some exhibits and a small gift shop. From there you will enter the main apparatus bay and walk through the Model T's as you learn something about each one. The bay also includes the restored watch desk of Station 28, an alarm box connected to the Gamewell receiving instrument and the station's sliding poles. Sorry, you can't slide down the poles.

From there you will enter into the fire safety education wing dedicated entirely to interactive fire safety exhibits. The newly constructed smoke bedroom and hazard kitchen are two key components of the new area. There is a pretend play area for younger children that includes a miniature fire truck to climb on and a play roadway for toy fire engines. Kids can put on miniature fire turn out gear and climb into a real aerial tower bucket to turn the nozzles or pull a hose off the fire truck and "put out a fire." A number of events will be held outside weather permitting that includes forming a bucket brigade or playing a hose into a "burning" window (knock down the flame with the water). And, a chance for kids, and you too adults, to ride on our 1952 ALF fire engine.

Come visit your Museum on one or more of those days we are open this fall, see what has been done and look at the plans for the second floor. Our new "tag line" is *Living safely...Inspiring Ingenuity* that underscores our mission. That is to teach fire safety but to also spur visitors to use their ingenuity to help develop new ideas or equipment that could be used in fire fighting.



Tod Wirth Photo

1918 Model-T/1917 American LaFrance Type A
Chemical Engine. Tod Wirth Collection

Thank you to all who have helped us reach this milestone in the development of the Western Reserve Fire Museum and Education Center.

Education Committee Prepares for Opening

By John Zangerle

As you have read elsewhere in the Bugle, work is under way on the exhibits in the Education Wing and on the "T-Party" opening exhibit. In addition to our September opening Model T fire engine exhibit, we need to have an established plan for educating those who come through the Museum. The Education Committee, under the direction of Museum Board Member Elaine Straub, has been working on formalizing the Museum's education curriculum. We have also interviewed several candidates to work on preparing a formal education program to be used by our volunteers and the Museum guides.



Photo by Paul Nelson

Framework for the smoke bedroom.

Education is an extremely important part of the Museum experience. To attract schools and groups to the Museum, we must fulfill portions of Ohio's core curriculum requirements. Currently there is much greater emphasis on education featuring STEM (Science, Technology, Engineering and Math). The committee has discussed ways we can be involved and apply fire fighting principles to STEM.



Photo by Paul Nelson

Framework for the safety hazard kitchen.

We will need volunteer docents to interpret our Museum's exhibits applying our education program starting this fall. If you can help at the Museum this fall, please contact Elaine Straub at 440-537-8940.

Calendar of Events

- **Saturday, July 26, 2014** – Frankenmuth, MI GLIAFAA Muster. Info at www.gliaffa.com.
- **Sunday, August 10, 2014** – Alliance, OH Alliance Pump-in, and contests at Glamorgan Castle (corner of Glamorgan and Union Ave) starting at 9am. Info: **Joe Young, 330-823-6711**; or **Craig Cobb, 330-206-7546**. Carnation Festival Kick-Off parade with fire apparatus at 1pm.
- **August 15-17, 2014** – Dover, OH. Steam show at Tuscarawas County fairgrounds. Featuring: Case and International Harvester tractors and equipment. Info: 330-432-3392; website www.doversteamshow.com.
- **Saturday, September 6, 2014** – Alliance, OH. Fire truck, truck and car show at Beechwood Park starting at noon, along with chili cook-off. Info: **StarkFDRU@gmail.com**, or phone 330-701-7852, or Facebook page.
- **Sunday, September 7, 2014** – Hudson, OH. Western Reserve Fire Museum and Western Reserve Fire Buffs annual Hudson Muster, Barlow Farm Park, 1965 Barlow Rd. starts at 10am. Contact Parker Browne, **brownfire@aol.com**. Watch Museum website www.wrfmc.com for more details.
- **Weekends, September 20-21 through November 22-23, 2014.** – Fire Museum open Saturdays 10am to 4:00pm and Sundays noon to 4:00pm. Watch Museum website www.wrfmc.com for details. A Fire Engine T-Party (exhibit of Model T fire engines) and other activities for the entire family.
- **Saturday, October 4, 2014** – Illustrated program at Fire Museum by William D. Killen, nationally acclaimed author and historian on Model T fire engines, 3:00pm.
- **Saturday, October 11, 2014** – Hartville, OH. Stark County fire fighters parade with apparatus, 9:30am with memorial service after parade. Info at **RBryant3@aol.com**.

CFD Trivia

- Q:** What was Cleveland's first motorized pumper with a chemical tank?
- A:** 1917 American LaFrance 750gpm/35gal chem tank acquired from the West Park merger and assigned to Engine 39 when placed in service on January 4, 1923. (31F2/CFD274)

It was West Park No. 1, their first engine after they established a fire department. It was a Type 12 model that ALF rated at 1000gpm in their literature but it never achieved that capacity.



WRFM Photo Collection

West Park No. 1 and members of West Park Engine Co. 1 pose by their apparatus in this undated photo.

**Western Reserve Fire Museum
at Cleveland, Inc.**

310 Carnegie Avenue, Cleveland, Ohio 44115-2816

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**MUSEUM OPEN WEEKENDS
THIS FALL
A FIRE ENGINE T-PARTY**



Photo courtesy of Jacobs Pavilion

Jacobs Pavilion at Nautica is the site for the Fire Museum's benefit fund raiser concert **Douse the House** on Saturday, August 16, 2014. Featured attraction is **BRUCE IN THE USA, The World's #1 Tribute Band to Bruce Springsteen and The E Street Band**. See details on page 1 of The Bugle..

The Bugle is a publication of the Western Reserve Fire Museum and Education Center. The entire contents © by Western Reserve Fire Museum at Cleveland, Inc.

The Bugle Staff:

Paul Nelson, Editor
John Zangerle
Layout by X2Media

Fire Museum Directors:

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