

Museum Acquires a Snorkel Fire Engine



ate last year Chief Chris Van Dyke of the Riverdale, Illinois Fire Department called the Hall of Flame with a generous offer to donate its 1971 Maxim / Pierce snorkel fire engine that was due for retirement from first line service.

Riverdale had received the snorkel several years earlier from the Munster, Indiana Fire Department, the original owner. The truck was in near original condition, with very few modifications. Paint, lettering and striping were original, as was the motor and drive train, snorkel tower. cab interior, ladders and pump.

In its combined career at Munster and Riverdale the snorkel has been driven less than 20,000 miles. It recently passed its certification in the state of Illinois.

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This picture of the rig when new was taken by the Munster, Indiana Fire Department. Riverdale placed decals over the original Munster labeling.

Its only modification was a replacement of its original cab mounted flashers with a pair of light bars.

Executive Director Peter Molloy flew to Chicago to check out the rig, and found that Chief Van Dyke had not exaggerated. Molloy presented the information to the Museum's Executive Committee and the decision was made to add the snorkel to the collection. In March it arrived by truck in good condition. Space was made in Gallery 4, and museum volunteers backed it into place. Its 11 foot 9 inch height allowed it to clear the door to the gallery by less than two inches, but it rolled into position with no real difficulties. In May the volunteers drove the snorkel into the parking lot for cleaning, and extended the outriggers and elevated the platform, which worked very well.

The snorkel was a very important addition to the inventory of American firefighting equipment. It originated in Chicago, where the manager of a Pierce

Manufacturing Company dealer in that city installed a Pitman articulating boom equipped with a platform and hose atop a GMC truck. He intended it for a local utility company to power wash insulators, but he also demonstrated it to Chicago Fire Commissioner Robert Quinn, who immediately ordered three snorkels for the CFD. Within a a couple of years Pierce was building hundreds of snorkels using platforms from the Snorkel Fire Equipment Company in Grandview, Missouri. Pierce mounted the snorkels on custom apparatus from Maxim, Mack, Pirsch, Crown and others.

The snorkel made the water tower obsolete. The articulating, hydraulically activated boom could reach over parapets and position its roomy platform in any number of hard to reach spots, where firefighters could direct a stream of over a thousand gallons of water into windows, skylights, or roofs. Water towers used rigid pipes topped by a pipe that could be directed only with difficulty. In addition, snorkel engines had a



minute of water onto a fire from its platform, four times what an aerial could put out from its ladder pipe; its platform allowed a pair of firefighters to direct a stream with ease. It could reach parts of a building inaccessible to a rigid ladder, and it made rescues much more convenient for both fire victims and firefighters.

Snorkels were gradually replaced by ladder towers, which could also deliver high volume streams, make easy rescues from their platforms, and retain the use of a ladder. Nonetheless many snorkels, as well as snorkel like sqrts, are still in

Left: The Maxim / Pierce snorkel in operation at a winter fire in Munster, Indiana, where it was in service from 1971 to 2001. The snorkel's boom and pump could be controlled from the basket or from a control panel at the truck's rear. Ground hose lines could simultaneously be connected to the pump panel and used like an ordinary structural fire engine.

Below: The snorkel on exhibit in Gallery 4.

complement of ground ladders plus a fully featured pump equipped with discharge outlets for several 2 $\frac{1}{2}$ inch hoses for conventional ground attack, as well as booster tank, making it both a snorkel and a triple combination fire engine.

The snorkel was also a useful complement to the aerial fire truck. It did not replace the aerial, but it provided several services that the aerial could not. It could put over a thousand gallons per

Phoenix Fire Department Donates an Addition to the Hall of Flame's Visitor Admission Desk



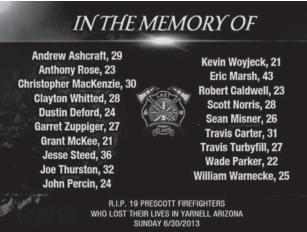
n July the Museum volunteers, led by Larry Peterson, fitted the front of a 1985 American La France Type 1000 fire engine to the admission desk to welcome visitors to the museum. The Phoenix Fire Department donated the front end to honor one of its most respected members, Engineer Don Mills, who drove the rig for many years with Engine Company 25. Following its career with Phoenix, the engine was transferred to the Fire Department of Goodyear, Arizona, adjacent to the Phoenix city limits. While with Goodyear the



Engine was involved in an accident that resulted in its being scrapped. Phoenix Fire Department members recovered the engine's front end, restored it to like new condition and donated it to the museum.

Granite Mountain Hotshot Crew Memorialized in the National Firefighting Hall of Heroes and the Wildland Firefighting Gallery





Above: A memorial exhibit in the Wildland Firefighting Gallery.

Right: A commemorative lithograph titled "Our Fallen Brothers" created by Scott B. Mills, is on permanent exhibit in the Museum's Hall of Heroes.

n June 30, 2013 nineteen members of the Granite Mountain Hotshot Crew died in the course of a blowup at a fire within a few miles of Prescott, Arizona called the Yarnell Hill Fire. The crew was part of the Prescott Fire Department as well as a Type 1 Hotshot Crew, the only one of 108 Hotshot crews that was a municipal rather than a federal organization. On the third day of the fire a series of dry thunder storms greatly enlarged its size. The Granite Mountain Crew, just returned from fires in New Mexico, was tasked to join another Hotshot crew as well as several engine and Type 2 crews to fight the fire, which threatened several towns in the Prescott area. Although the crew deployed to a burnt out safe zone when the fire blew up, for unknown reasons it left the safe zone and moved into a nearby brush filled canyon in the direction of a nearby ranch. The fire caught them and killed the entire crew. It is the largest disaster to wildland firefighting fighting since 1933.





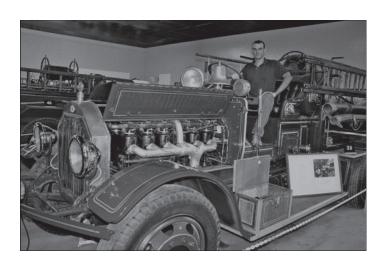
Livery September 11 the Hall of Flame recognizes the loss of the 344 firefighters, 29 police officers, and 34 Port Authority officers who gave their lives to save the occupants of the two World Trade Center Towers in the Islamic Terror Attack on September 11, 2001. Organized by the museum volunteers and attended by local firefighters and retired FDNY firefighters now living in the Phoenix area, the volunteers, together with the attendees, read the names of the fallen heroes. Museum Executive Director Peter Molloy delivered remarks that reminded visitors of the magnitude of the loss inflicted upon the American people by the disaster, which killed almost 3,000 Americans in addition to the first responders.



Above: Left A Phoenix Fire Department Piper plays "Amazing Grace" at the 9-11 Commemoration.

Above Right: Volunteers Dick Stuve (R) and Bob Bowers (L) read the names of the firefighters and police officers who died in the Twin Towers on September 11, 2001.

he last time the museum's 1919 Seagrave ran - was in a campaign parade for John F. Kennedy in 1960 in Albuquerque, New Mexico. After a career in the Phoenix FD, an auto dealer in Santa Fe bought it and drove it to New Mexico. In 1960s it was abandoned near a general store in the vicinity of Taos, where in 1982 museum founder George F. Getz, Jr. discovered it. Mr. Getz had it trucked to the museum, where the derelict old engine was placed in storage until restorer Don Hale got to work. After six months the beautifully restored engine was placed on exhibit in 1992, but the restoration did not include the motor and drive train. Pablo Garcia began working on the motor and transmission in June and is on the point of getting the rig to run like it did while it worked at Engine 4 in downtown Phoenix. After cleaning and grinding its valves the truck, which starts but backfires, will soon be running like new.



Mechanic Pablo Garcia prepares to start the 1919 Seagrave fire engine which served the Phoenix FD from 1919 to 1950.



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The Hall of Flame is operated by the National Historical Fire Foundation.

The Hall of Flame is in the Phoenix Papago Park, across Van Buren Street from the Phoenix Zoo.

The museum is open Monday through Saturday from 9 to 5, and on Sundays from Noon to 4.

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