

# URBANA FIRE DIVISION



**Annual Report**

**2012**

# **Urbana Fire Division Mission Statement**

The Urbana Fire Division is a highly motivated, efficient, cost effective, and customer service oriented team; committed to excellence in emergency medical service, fire suppression, rescue, fire prevention and education. We realize our vision of excellence through safe practices, dedication, professionalism, and leadership.

## **Core Values**

**Teamwork – Service – Competence – Integrity - Confidentiality**

# URBANA FIRE DIVISION



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Mark E. Keller, Chief

Mayor Bill Bean  
Director of Administration Kerry Brugger  
Members of City Council  
Citizens of Urbana

Ladies and Gentlemen,

Submitted herewith is the Annual Report of the Activities of the Urbana Fire Division for the year 2012.

Figures contained in this report have been gathered throughout the year from daily and monthly reports and are as factual as daily operation permits.

Overall 2012 was a good year but several challenges presented that would make the year somewhat difficult to manage. Several firefighters had injuries, illnesses or family illnesses that caused a drastic increase in the use of sick leave. The fire division was short one firefighter for the first 6 months of the year due to a medical issue, so this amplified the problem. The increase of sick leave use then caused a severe management concern to maintain adequate staffing levels for each shift while continuing to manage the use of recall overtime. The members of the fire division worked diligently to save money on overtime throughout the year. This hard work paid off and allowed the fire division to protect one of the two positions that are currently being paid for by the Staffing for Adequate Fire and Emergency Response (SAFER) Grant which will end in mid-April 2013. In all the fire division was able to reduce recall overtime cost by 67% from the year before. Work is still being done to save the remaining firefighter position.

In Early 2012, we began looking into ways to optimize our ambulance billing collections and become more efficient in those collections. In March 2012, City council authorized changes to our ambulance billing fee structure to be more in line with Medicare requirements. We went from charging one fee for all runs to setting up a fee schedule for Basic Life Support (BLS), Advanced Life Support (ALS) 1 & 2. The BLS runs are simply very basic runs that do not require IVs, medications or heart monitoring and ALS runs do require interventions from a paramedic up to giving numerous drugs and shocking someone to bring them back to life. At the end of the year we were able to increase our revenue from \$405,620 in 2011 to \$424,870 in 2012. We also began looking into outsourcing our ambulance billing to determine if we could do better by having a professional, company who does nothing but ambulance billing, complete this task more effectively. We plan to sign an agreement with a billing company in early 2013.

The fire division continued to negotiate fire and EMS contracts with the surrounding townships in 2012. Urbana Township had already signed a 4 year contract in early 2012, but Union and Salem Townships elected to negotiate 1 year contracts. Late in 2012 agreements were reached with Union Township, Salem Township and Concord Township for the 2013 contract year. Union Township signed on to allow us to protect the same area we protected in 2011.

Salem Township signed a contract to continue protecting the same fire and EMS area as 2011 with additional protection area from 296 up to Lippincott Road for EMS protection only. The Urbana Fire Division protected this same area for EMS only in the 1990's but the area was given to West Liberty EMS in the late 1990's until now. Concord Township is a new contract area for EMS only in the area that West Liberty EMS or now known as Mach-o-Chee EMS. These new areas generated approximately \$35,000 of revenue for 2013.

July 2, 2012 a new firefighter was hired to fill a vacancy created by David Inskeep's resignation. Our new firefighter, Adam Puhl, has several years' experience in the fire and EMS field mostly near Athens Ohio. Adam has done a very good job of learning the necessary information to become an asset to the City of Urbana.

August of 2012, The Insurance Services Office inspected the fire division for the effective ISO rating that establishes insurance rates in our response area. Prior to the study the City of Urbana was rated a 4 and the townships were rated a 4/10. The rating system is from 1 to 10. Ten means there is no fire department or areas over 5 miles from the firehouse or hydrants. One is the best rating possible. They measure the fire department equipment and personnel, the water distribution system and our communications capability to reach their rating level.

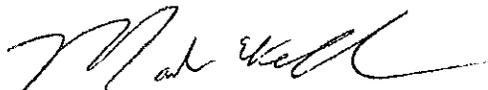
We initiated a CPR program in 2012 to teach our citizens not only the importance of CPR but how to do CPR if they come across a situation that requires it. Along with that we inherited a car seat safety program from the Champaign County Health Department. Assistant Chief Jeff Asper and FF/PM Chris Logan became certified car seat inspectors to ensure car seats are installed properly. The stats show that over 80% of car seats are installed incorrectly. Since we have the inspectors the health department requested that we take over a car seat hand out program for citizens that are not able to afford a safe car seat for their child.

We continue to provide classes on fire safety and Health related information to the citizens during events throughout the year. Assistant Chief Asper and various other paramedics have been teaching student athletic trainers at Urbana University how it deal with spinal injuries and how to assist with setting up landing zones if a medical helicopter is needed during a sporting event.

In November of 2012, Chief Keller traveled to Johnstown Pennsylvania to attend a wind turbine safety meeting for the Adams County first responders. The meeting discussed various issues that may arise with wind turbines and safety precautions. The day after the meeting Chief Keller accompanied a service technician to look at all components of the wind turbine including going up to the top of the turbine to see how they work and what needs to be done if there is an emergency. Later that month Chief Keller testified in front of the Ohio Power Siting Board on what the needs will be from a fire department perspective when the turbines are constructed here in the future.

I would like to thank the Officers and Firefighters of the Urbana Fire Division for their loyalty and cooperation during the past year.

Respectfully Submitted,



Mark E. Keller, Chief

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### APPARATUS AND MAINTENANCE

Medic 1	Brush 1
Medic 2	Chief 1
Medic 3	Chief 2
Engine 1	Utility 1
Engine 2	Squad 4
Truck 1	Haz Mat 1
Engine 4	Fire Safety Trailer
Tanker 1	

# Administrative

*Prepared by Chief Mark E. Keller*

## Urbana Fire Division 2012 Executive Summary

	2012	2011	2010	2009	2008	2007	2006
<b>EMS Runs</b>	<b>1912</b>	<b>1849</b>	<b>1885</b>	<b>1745</b>	<b>1873</b>	<b>2029</b>	<b>1724</b>
City	1529	1469	1460	1342	1446	1549	1326
Rural	356	362	398	382	378	429	371
Mutual Aid	27	18	27	21	49	51	35
<b>Motor Vehicle Accidents</b>	<b>113</b>	<b>138</b>	<b>148</b>	<b>148</b>	<b>145</b>	<b>142</b>	<b>140</b>
City	55	74	76	76	81	76	66
Rural	52	59	72	72	64	66	74
Mutual Aid	6	5					
<b>Fire Runs</b>	<b>451</b>	<b>446</b>	<b>515</b>	<b>548</b>	<b>697</b>	<b>595</b>	<b>454</b>
City	323	334	380	356	507	425	327
Rural	101	80	107	158	151	132	107
Mutual Aid	27	32	28	34	39	38	20
<b>Fire Loss</b>							
City	\$398,826	\$476,800		\$76,200	\$431,712	\$237,510	\$159,550
Rural	\$58,320	\$55,600		\$157,200	\$915,261	\$503,030	\$30,650
City Property Saved	\$1,333,249	\$1,346,500		\$7,653,640	\$8,959,658	\$2,575,890	\$11,758,005
Rural Property Saved	\$160,530	\$60,400		\$1,811,310	\$7,456,390	\$815,000	\$3,924,200
<b>Receipts</b>							
EMS Receipts	\$424,870	\$405,620	\$432,204	\$445,155	\$358,426	\$376,993	\$343,098
Other Receipts	\$215,979	\$174,105	\$208,866	\$160,081	\$156,502	\$206,283	\$142,607
Training Hours	5618	6104	6023	6035	7069	6369	4987
Vehicle Maintenance Hours	169	28		166	1043	201	230
Initial Inspections	192	77		155	125	128	105
Fire Drills	26	38		31	25	48	29
City Re-inspections	179	9		18	29	84	39
Township Re-inspections	5	20		39	30	18	27
Contractor Activities	38	67		55	56	59	61
Consultations	85	15		39	21	15	34
Lectures/Tours	28		10	28	32	29	31
Number of Adults	172		75	676	562	305	581
Number of Children	2623		397	1816	2000	1997	2200
Vacation Hours Used	3848	5018	4273	5079	4924	4217	4355
Sick Hours Used	*4191	*3641	2153	1504	2019	2683	2709
Comp Hours Used	936	1017	1011	1485	1350	1877	2202
Personal Hours Used	548	722	633	899	757	647	848
Duty Overtime Hours	619	1339	1996	2299	2393	2723	3192
Training Overtime Hours	220	294	24	351	632	574	406
Holiday Hours Earned	1699	1699	783	2153	1945	2190	1867

\*Several members had injuries, illnesses or family illnesses again this year that caused an increase in sick leave use.

## OVERTIME

<b>2012</b>	Hours	Dollars
Holiday	1586.3	\$33,415.00
City Squad	180.8	\$7,267.00
City Fire	94.5	\$3,870.00
County Squad	68.8	\$2,633.00
County Fire	35.8	\$1,394.00
Minimum Staffing	16	\$494.00
Special Detail	42.8	\$1,433.00
Tornado Warning	12	\$575.00
Meetings	64.5	\$2,897.00
Training	39	\$1,258.00
*Haz Mat Training	19	\$651.00
**Football Games	39.5	\$1,288.00
Mutual Aid	6	\$268.00
Court	0	\$0.00
Investigation	0	\$0.00
Misc.	0.3	\$12.00
<b>TOTAL</b>	<b>2205.3</b>	<b>\$57,455.00</b>

<b>2011</b>	Hours	Dollars
Holiday	1699.7	\$39,101.00
City Squad	545.7	\$23,232.00
City Fire	278.3	\$11,777.00
County Squad	220.5	\$9,662.00
County Fire	90	\$3,667.00
Minimum Staffing	197	\$8,252.00
Special Detail	100.5	\$3,636.00
Tornado Warning	52.5	\$2,113.00
Meetings	38.8	\$1,980.00
Training	10	\$294.00
*Haz Mat Training	30	\$1,083.00
**Football Games	29	\$1,111.00
Mutual Aid	19.3	\$773.00
Court	5	\$226.00
Investigation	1	\$54.00
Misc.	16	\$754.00
<b>TOTAL</b>	<b>3333.3</b>	<b>\$107,715.00</b>

\*Haz Mat Training is reimbursed by the LEPC

\*\*Football Games are reimbursed by Urbana University

# A Look Into the Future

## 2013

Plans are to sign a contract to outsource our ambulance billing and move our EMS reporting to become digital instead of using paper. Toughbook computers will be placed in the ambulances with new software that will make entering EMS data more efficient and will also allow sharing the information with a third party billing company more efficient. Currently during an EMS run, personnel are filling out a paper EMS report and then coming back to the firehouse to enter the run into the desktop computer into our reporting system. Computers will also be put into two fire engines to allow preplans of buildings and hydrant information to be accessed quickly during fire situations. Both the EMS computers and fire computers will also have a connection to dispatch for important information that may be helpful while responding to calls.

## 2014

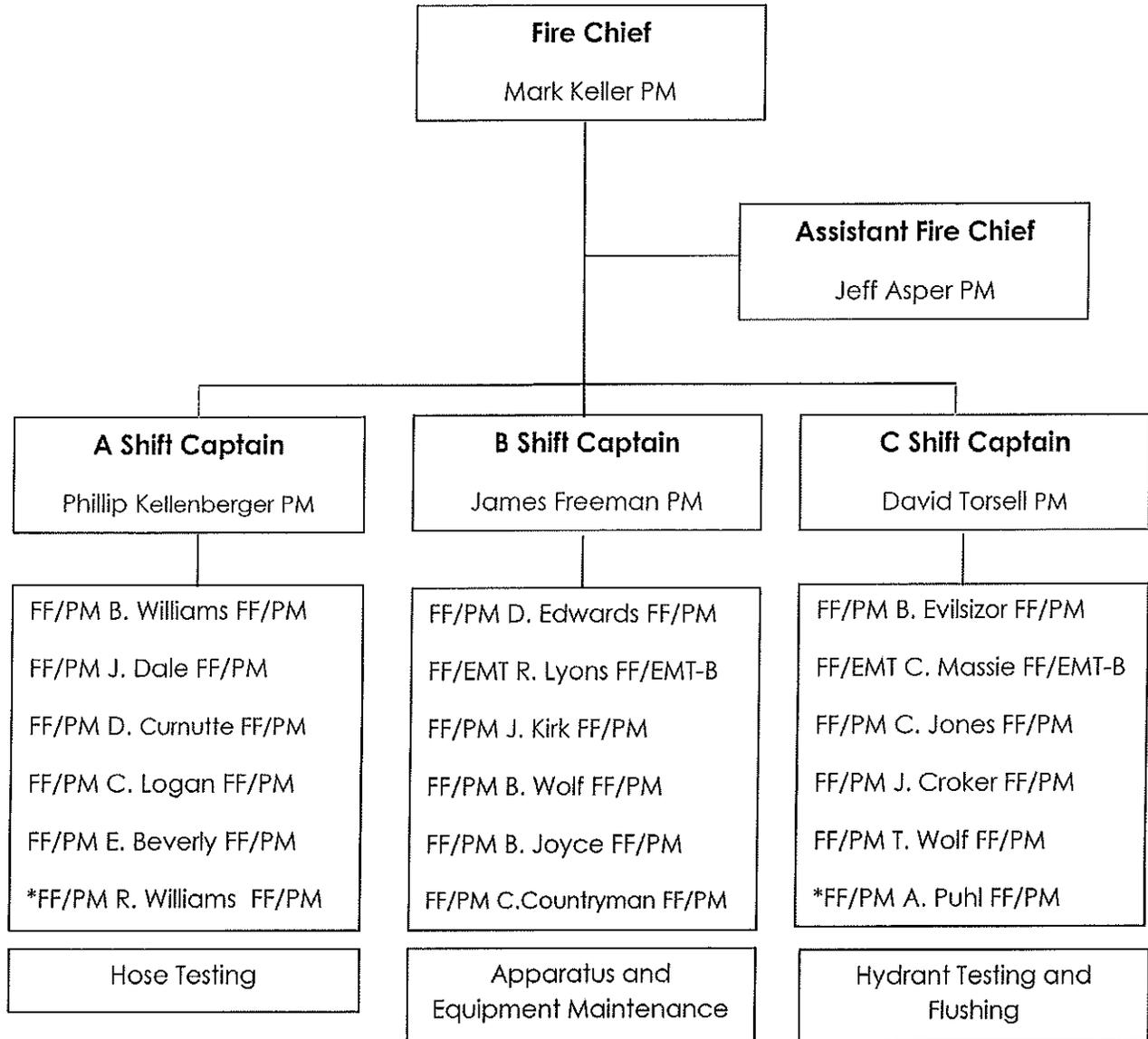
Currently, the Urbana Fire Division does not have a fire training simulator or area to maintain competency in Fire, EMS, Haz Mat and Rescue situations. We will look at constructing an inexpensive fire training lab that will be able to accommodate these training sessions. In the past we have to look for houses that we can burn for this type of training. These can be costly to set up for training. We can build the fire lab using intermodal containers and having areas that we can burn in for our annual live fire training. This in turn will help improve our ISO rating in the future.

## 2015 & Beyond

In the past we have tried to replace ambulances every 5 years. We have been unable to do this due to the economy. We will need to replace an ambulance as soon as we can but the capital money has not been available. In 2015, the building expansion will be paid off and will free up some funds for these purchases. We would like to purchase a new ambulance and we also need a new fire engine. E2 will be 30 years old at this time. Chief Keller is currently looking into possibly purchasing the Urbana Township Vehicles have all the fire division vehicles owned by the city. At this time it is a little early for detailed discussion but talks have started this year.

# Fire Division Organization Chart

2012



FF - Firefighter

PM – Paramedic

EMT-B – EMT Basic

\*SAFER Grant Position

## Staff Profiles

### Chief Mark Keller

Appointed to Division March 1, 1992  
 Promoted to Captain June 13, 2007  
 Promoted to Chief September 15, 2011  
 A.A. American Intercontinental University

**Staff Duties** NIMS Program Coordinator    Box 13 Liaison  
 Champaign County OFCA-ERP Coordinator

**Specialties** Haz Mat Tech                      Fire Service Instructor  
 Fire Investigator                      Certified Fire Safety Inspector

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### Assistant Chief Jeff Asper

Appointed to Division March 1, 1992  
 B.S.N. Chamberlain College  
 A.A.S. Clark State Community College (EMS)  
 A.A.S. Clark State Community College (RN)

**Staff Duties** Fire Prevention Officer                      Training Officer  
 EMS Officer    Fire Investigations

**Specialties** Haz Mat Tech    CPR Instructor  
 EMS Instructor    Fire Investigator  
 Certified Fire Safety Inspector                      Car Seat Inspector

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### Captain James Freeman

Appointed to Division June 3, 1985  
 Promoted to Captain July 20, 1991  
 B.S. University of Cincinnati  
 A.A.S. Sinclair Community College

**Staff Duties** NFIRS Program Manager                      Network Administrator  
 Maintenance Officer

**Specialties** Fire Investigator                      Certified Fire Safety Inspector

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### Captain Phillip Kellenberger

Appointed to Division January 3, 1988  
 Promoted to Captain June 5, 1995  
 A.A.S. Sinclair Community College

**Specialties** Fire Investigator                      Certified Fire Safety Inspector  
 Fire Service Instructor

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### Captain David Torsell

Appointed to Division January 17, 1977  
 Promoted to Captain November 3, 1998

**Specialties** Haz Mat Tech                      EMS Instructor                      ACLS Instructor  
 Fire Investigator                      CPR Instructor                      Grain Bin Rescue Instructor  
 Fire Service Instructor                      Farmedic Instructor  
 Certified Fire Safety Instructor

**FF/PM Dean Edwards**

Appointed to Division June 18, 1984  
Senior Firefighter, B Unit

**Staff Duties** Haz Mat Program Instructor

**Specialties** Haz Mat Tech                      River Rescue Specialist  
Rope Rescue Specialist                  Certified Fire Safety Inspector  
Fire Service Instructor                  SCUBA Diver

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**FF/PM Brett Evilsizor**

Appointed to Division November 3, 1986  
Senior Firefighter, C Unit

**Specialties** Public Fire Educator                  EMS Instructor  
Fire Investigator

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**FF/PM Brian Williams**

Appointed to Division September 1, 1988  
Senior Firefighter, A Unit

**Specialties** Certified Fire Safety Inspector                  Bagpiper

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**FF/EMT Chris Massie**

Appointed to Division January 1, 1989

**Specialties** Public Fire Educator

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**FF/PM John Dale**

Appointed to Division June 1, 1991  
B.S. Urbana University  
A.A. Ohio State University

**Specialties** Rope Rescue Specialist                  Certified Fire Safety Inspector  
Fire Service Instructor

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**FF/EMT Ron Lyons**

Appointed to Division June 27, 1991

**Specialties** Certified Fire Safety Inspector                  Public Fire Educator

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**FF/PM Jerry Kirk**

Appointed to Division March 1, 1992  
Bachelor Mortuary Science  
A.A.S. Sinclair Community College

**Staff Duties** Vehicle and Equipment Maintenance

**Specialties** Certified Fire Safety Inspector

**FF/PM Barry Wolf** Appointed to Division March 1, 1992

**Staff Duties** EMS Logistics

**Specialties** EMS Instructor Certified Fire Safety Inspector  
PALS Instructor Fire Investigator

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**FF/PM Chris Jones** Appointed to Division June 1, 1992

**Staff Duties** Hydrant Records UFD Historian

**Specialties** SCBA Technician Water System

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**FF/PM David Curnutte** Appointed to Division August 21, 1992  
M.S. Grand Canyon University  
B.S. Urbana University  
A.A.S. City Colleges of Chicago

**Specialties** Fire Service Instructor Certified Fire Safety Inspector

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**FF/PM Chris Logan** Appointed to Division August 9, 1093

**Staff Duties** Rescue Coordinator, Confined Space Coordinator

**Specialties** Haz Mat Tech Rope Rescue Specialist  
Fire Service Instructor Certified Fire Safety Inspector  
ACLS Instructor CPR Instructor  
Car Seat Inspector GEMS Instructor

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**FF/PM Eric Beverly** Appointed to Division September 25, 1999

**Staff Duties** Key Box Coordinator

**Specialties** Certified Fire Safety Inspector Fire Investigator  
Apparatus Mechanic Fire Safety Educator  
Bagpiper

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**FF/PM Brian Joyce** Appointed to Division May 7, 2002

**Specialties** Rope Rescue Operations Haz Mat Tech  
Certified Fire Safety Inspector Assistant Fire Instructor

**FF/PM Jason Croker**

Appointed to Division July 8, 2004  
 A.A.B. Clark State Community College

**Staff Duties** C Unit Training Coordinator Union President

**Specialist** Certified Fire Safety Inspector NFIRS Program Management  
 Fire Service Instructor

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**FF/PM Chad Countryman**

Appointed to Division June 11, 2007

**Specialties** Certified Fire Safety Inspector Haz Mat Tech  
 Auto Extrication Technician

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**FF/PM Tyler Wolf**

Appointed to Division July 20, 2011

**Specialties** Certified Fire Safety Inspector

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**FF/PM Ryan Williams**

Appointed to Division November 14, 2011

**Specialties** Certified Fire Safety Inspector Haz Mat Tech

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**FF/PM Adam Puhl**

Appointed to Division July 2, 2012

**Chaplin Timothy West**

Appointed to Division September 2, 2003  
 D. Min. Fuller Theological Seminary  
 M.A. University of San Francisco  
 M. Div. Church Divinity School of the Pacific  
 B.A University of California at Santa Barbara

**Specialties** Licensed Professional Clinical Counselor – Supervisor Counselor  
 Licensed Independent Chemical Dependency Counselor - Supervisor  
 National Certified Counselor  
 Critical Incident Stress Management Training  
 Training in mediation, general and divorce mediation  
 Member of American Counseling Association  
 Ohio Federation of Fire Chaplin's Training Officer

# Fire Prevention Bureau

*Prepared by Assistant Chief Jeff Asper*

## **Fire Prevention Bureau**

The focus of the Urbana Fire Prevention Bureau is to prevent loss of life and personal property from the effects of fire. This goal is accomplished through effective public education, administering fire codes and standards, and conducting regular building inspections. With these specific activities, the fire division will decrease the number of fires and the severity of those that occur.

The Urbana Fire Prevention Bureau consists of the Assistant Fire Chief and three shift Fire Safety Inspectors. The three shift inspectors work 24 hour shifts, function as firefighters/medics, and have the additional duty as Fire Safety Inspectors. The following duties and responsibilities are assigned to the Urbana Fire Prevention Bureau:

- Assistant Chief is responsible for administering and supervising the duties and operations of the Bureau of Fire Prevention.
- Assistant Chief is the "fill in" for the Fire Chief during his absence.
- Conducts Pre-plan building reviews.
- Plans and conducts public safety education.
- Conducts fire origin and cause investigations.
- Enforces Ohio Fire Codes in accordance with Urbana Ordinance 1505.01.
- Conducts regular building inspections.
- Conducts building and business consultations for alarm, sprinkler and fire safety features.
- Division's Safety Officer.
- Division's Training Officer.

## **Public Education**

The Urbana Fire Division had another very successful year educating the public. In addition to the Fire Prevention weeks in October, we provided fire safety education to local church camps, Boy Scouts, and extended care health facilities. Two of the division's EMS instructors guest lectured for the Urbana University's Sports Trainers degree program. The fire division, with tuition assistance from State Farm Insurance, certified two members in child safety restraints (car seats). In an effort to keep children safe, we have successfully trained many families in the proper use and installation of car seats. New in 2012, we established the division's public CPR and First Aid program. This program provides initial and renewal training in Adult, Child, and infant CPR/AED/First Aid. Courses are conducted for a donation to the city and all monies generated are used for CPR course materials and manikins. We anticipate, in 2013, that we will be able to expand our public training options to include: fire extinguisher training, Business fire code training, and elderly fall prevention.

## Fire Prevention Activities October 2012

**Monday 1st- Head start A.M.** The pre-school were taught with four firefighters, Sparky, the Safety House & Br-1. 46 were in attendance. **YMCA.** – 65 were in attendance. **Head start P.M. / Early Head start.** - 17 were in attendance.

**Tuesday 2nd-The Gingerbread House.** The pre-school were taught with three firefighters, Sparky & the Safety House. 25 were in attendance. **Victory Christian.** – The K, 1, 2, 3 & 4<sup>th</sup> grades were taught with three firefighters, Sparky, and the Safety House. 12 were in attendance.

**Thursday 4th- East Elementary.** The 3<sup>rd</sup> grade classes were taught with five firefighters, the Safety House & Tr-1. 179 were in attendance.

**Friday 5<sup>th</sup>- East Elementary.** The 4<sup>th</sup> grade classes were taught with three firefighters, the Safety House & Tr-1. 154 were in attendance.

**Monday 8<sup>th</sup> – North Elementary.** The K, 1 & 2nd grades were taught with four firefighters, Sparky, the Safety House & Br-1. 256 were in attendance.

**Tuesday 9<sup>th</sup>- CCCC.** The pre-school were taught with two firefighters, Sparky & the Safety House. 110 were in attendance.

**Wednesday 10<sup>th</sup> – Lawnview School.** The pre-school were taught with four firefighters, Sparky, the Safety House & E-1. 150 were in attendance.

**Thursday 11<sup>th</sup> – Champaign County Home school.** The pre-school, 1, 2, 3 & 4<sup>th</sup> grades were taught with two firefighters & the Safety House. 12 were in attendance.

**Friday 12<sup>th</sup> South Elementary.** The K, 1 & 2nd grades were taught with three firefighters, Sparky, the Safety House & Br-1. 266 were in attendance.

**Total Pre K thru 4<sup>th</sup> grade in attendance = 1292**

## Inspection Activities

The Fire Prevention Bureau, as required in the Urbana ordinance 1501.01, has the responsibility to enforce the Ohio Fire Code. The fire code has been developed and revised over the last 175 years and exists to protect citizens lives and property against major fires. The fire code establishes basic and fundamental fire safety features, procedures and guidelines. The Ohio Fire Code states “ *provisions of this code are intended to safeguard life and property from fire and explosion and shall apply to all aspects of fire safety at any structures, building, premises, vehicles or other locations within the territorial jurisdiction of the State of Ohio.* (OFC 1301:7-7-01 Sec. 101.2.2) The fire division, with a coordinated effort from the Champaign County Building Regulations and State Inspectors , have performed hundred of inspections, re-inspections and consultations for our local businesses. We have also provided foster home, day care and fire safety home inspections. Our goal is to inspect every business, in our jurisdiction, at least yearly. The Fire Prevention Bureau wishes to partner with each local business in order to efficiently and economically correct fire code violations, and accomplish the goal of controlling preventable fires.

### Inspection Activities:

Year:	2012	2011	2010	2009	2008	2007
# of Inspection Activity	507	246	228	395	397	415

## Fire Investigations

In the unfortunate event that a significant fire loss does occur, the chief of a fire division, according to ORC 3737.14, has the duty to investigate the cause. The Fire Prevention Bureau has the delegated authority to determine the origin and cause of all major loss and/or suspicious fires. The fire division’s investigators work closely with the local law enforcement officers and the State Fire Marshalls to solve these sometimes difficult and tedious fire cases.

### Property Saved vs. Fire Loss 2012

Description	2012	2011
City Property Saved	\$1,333,249	\$1,346,500
City Property Loss	\$398,826	\$476,800
County Property Saved	\$160,530	\$60,400
County Property Loss	\$58,320	\$55,600

# Fire Data

*Prepared by Captain James Freeman*

### **NFIRS Program**

The Urbana Fire Division collects data on all fire and EMS responses. The Fire Division utilizes Firehouse Software™ Version 7.12.17 for data collection. The Fire Division participates in NFIRS (National Fire Incident Reporting System.) The Division also participates in the Ohio EMS Incident Reporting System. The Firehouse Software™ Version 7.12.17 system conforms to both the NFIRS 5.0 standard and the current Ohio EMS Data Center standard.

### **NFIRS Data Collection Process**

The U.S. Fire Administration and the National Fire Information Council (NFIC) jointly manage NFIRS. NFIC is voluntary users' group who donates their time to maintain the NFIRS system. NFIC members are representatives of state and metropolitan agencies that are responsible for fire data collection and analysis.

NFIRS is comprised of 14,000 reporting fire departments. After responding to an incident, fire department personnel complete the appropriate NFIRS reports. These reports detail the nature of the call; the action firefighters took in response to the call, and the result. The data includes the number of civilian or firefighter casualties and estimate of property loss. The reports completed by a particular fire department may be state-specific; however, they contain a core of information common to every reporting system. The uniform definitions used in coding these fields make aggregation of national data possible.

The Urbana Fire Division submits completed NFIRS reports to the Division of State Fire Marshal. The data is transmitted electronically on a monthly basis. The Fire Marshal combines our information with data from other fire departments into a statewide database and then submits the data to the National Fire Data Center at the U.S. Fire Administration.

### **EMS Data Collection Process**

The Ohio EMS Board established an emergency medical services incident reporting system for the collection of information regarding the delivery of emergency medical services in Ohio and the frequency at which the services are provided. All emergency medical service organizations must submit to the board all information that the board determines is necessary for maintaining the incident reporting system. The Fire Division uploads EMS incident data to the Ohio EMS Data Center on a monthly basis.

**Breakdown of Fires and Other Incidents 2012**

<b>A. FIRES IN STRUCTURES BY FIXED PROPERTY USE</b>	<b>Number of Fires</b>	<b>Civilian Deaths</b>	<b>Civilian Injuries</b>	<b>Property Damage</b>
1. Private Dwellings	12	0	3	\$318,050
2. Apartments	5	0	3	126,600
3. Hotels and Motels	0	0	0	0
4. All Other Residential	0	0	0	0
<b>5. TOTAL RESIDENTIAL FIRES</b>	<b>17</b>	<b>0</b>	<b>6</b>	<b>\$444,650</b>
6. Public Assembly	0	0	0	0
7. Schools and Colleges	0	0	0	0
8. Health Care/Penal	1	0	0	\$50
9. Stores and Offices	2	0	0	0
10. Industry/Utility	1	0	0	0
11. Storage in Structures	1	0	0	2,200
12. Other Structures	0	0	0	0
<b>13. TOTAL STRUCTURE FIRES</b>	<b>22</b>	<b>0</b>	<b>6</b>	<b>\$446,900</b>
<b>B. OTHER FIRES AND INCIDENTS</b>				
14a. Highway Vehicles	8	0	0	\$3,125
14b. Other Vehicles	1	0	0	5,000
15. Non-Structure/Non-Vehicle	18	0	0	2,101
16. Brush/Grass/Wildland	8	0	0	
17. Rubbish/Dumpsters	34	0	0	
18. All Other Fires	0	0	0	0
<b>19. TOTAL FOR FIRES</b>	<b>91</b>	<b>0</b>	<b>6</b>	<b>\$457,126</b>
20. Rescue/Emergency Medical	1,884			
21. False Alarms	66			
22. Mutual Aid	55			
23a. Hazmat Responses	36			
23b. Other Hazardous Responses	39			
24. All Other Responses	189			
<b>25. TOTAL FOR ALL INCIDENTS</b>	<b>2,360</b>			

Note: Property loss totals include contents loss

### Breakdown of False Alarm Responses 2012

<b>TYPE OF RESPONSE</b>	<b>Number of Incidents</b>
Malicious, Mischievous False Call	1
System Malfunction	30
Unintentional	32
Other False Alarms	3
<b>TOTAL</b>	<b>66</b>

### Leading Fire Causes 1996-2012

The fire cause is the condition or situation that allows a heat source and fuel source to combine and start a fire. This table lists the reported fire causes for the past 18 years.

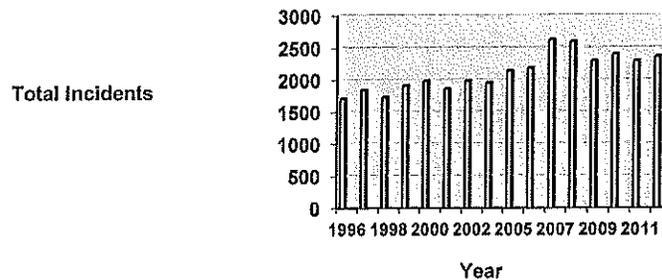
<b>CODE</b>	<b>DESCRIPTION</b>	<b>Percent of All Fires</b>	<b>Total Loss</b>	<b>Percent of Losses</b>
0	Cause, Other	3.89%	\$158,608	1.58%
1	Intentional	7.70%	\$653,194	6.49%
2	Unintentional	44.60%	\$3,390,750	33.68%
3	Failure of Equipment or Heat Source	24.16%	\$1,381,648	13.72%
4	Act of Nature	2.43%	\$56,951	0.57%
5	Active Investigation	4.94%	\$3,026,618	30.06%
U	Undetermined After Investigation	12.24%	\$1,401,237	13.92%

## Areas of Fire Origin Summary 1996-2012

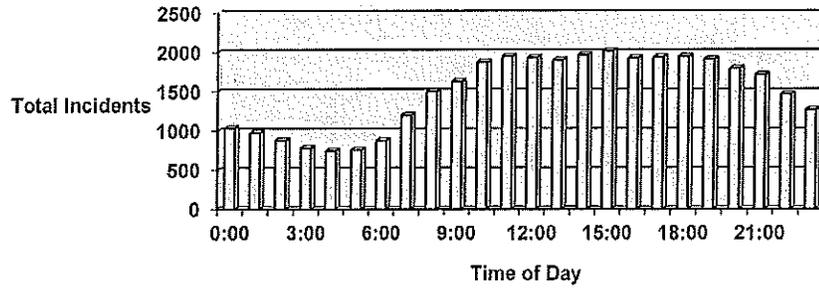
The area of origin describes the primary use of the area where a fire originated in a property. This table indicates the trends over the last 18 years. The top 10 dollar losses are included.

Code	Description	Percent of responses	Dollar Loss
21	Bedroom <5 persons; included are jails	3.89%	\$1,589,023
UU	Undetermined	3.57%	1,424,478
41	Storage room, area, tank or bin	0.97%	1,287,600
24	Cooking area, kitchen	9.73%	917,460
61	Machinery room or area; elevator	0.32%	604,600
14	Common room, den, family room, living room, lounge	1.62%	496,471
74	Attic: vacant, crawl space above top story, cupola	2.11%	418,537
71	Substructure area or space, crawl space	2.11%	391,660
47	Vehicle storage area, garage, carport	1.38%	358,600
83	Vehicle engine area, running gear, wheel area	16.14%	273,395

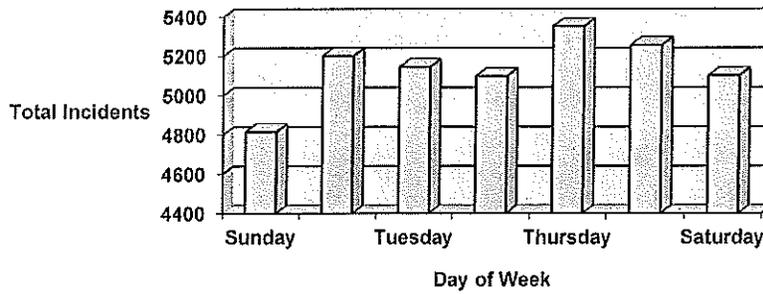
## Total Incidents 1996-2012



### Alarm Time Analysis 1996-2012



### Incidents by Day of Week 1996-2012



# Apparatus & Maintenance

*Prepared by Chief Mark E. Keller and Captain James Freeman*

## MEDIC 1



**OWNED BY** - City of Urbana  
**MAKE** - Horton International  
**YEAR** - 2007                      **AGE** – 5 Years  
**TYPE** - Ambulance  
**MILEAGE** - 51,881  
**CONDITION** - GOOD  
**MAINTENANCE** - Cost - \$15,790                      **In House Hours** - 13

### **PRIAMRY USE:**

Primary vehicle that responds on Emergency Medical Incidents including motor vehicle crashes.

### **COMMENTS:**

This vehicle experienced an unusual amount of mechanical problems in 2012 which include rebuilding most of the brake system, replacing all of the fuel injectors, repairs on the fuel and exhaust systems, repairs on the electrical system and repairs on the air ride system.

## MEDIC 2



**OWNED BY** - City of Urbana  
**MAKE** - Horton International  
**YEAR** - 2001      **AGE** - 11 Years  
**TYPE** - Ambulance  
**MILEAGE** - 76,997  
**CONDITION** - GOOD  
**MAINTENANCE** - Cost - \$2,276      In House Hours - 4

### **PRIAMRY USE:**

Secondary vehicle that responds on Emergency Medical Incidents including motor vehicle crashes.

### **COMMENTS:**

This vehicle was purchased used in 2009 to update our ambulance fleet. The next ambulance was purchased in 1998. The only difficulty with this unit is the fact that it has air brakes which grab very quickly when applied. This can be difficult on the patient and personnel in the back when transporting.

## MEDIC 3



**OWNED BY** - City of Urbana

**MAKE** - Horton International

**YEAR** - 1998      **AGE** - 14 Years

**TYPE** - Ambulance

**MILEAGE** - 96,524

**CONDITION** - FAIR

**MAINTENANCE** - Cost - \$4,132      In House Hours - 16

### **PRIAMRY USE:**

Third vehicle that responds on Emergency Medical Incidents including motor vehicle crashes.

### **COMMENTS:**

This vehicle has had some mechanical issues over the past few years and is showing signs of deteriorating. The vehicle has been very dependable but should only be used as a reserve unit or third out the door.

## ENGINE 1



**OWNED BY** - City of Urbana

**MAKE** - Pierce

**YEAR** - 2004                      **AGE** – 8 Years

**TYPE** - Engine with 1500 GPM pump; Carries 750 Gallons of water

**MILEAGE** - 30,026

**CONDITION** - EXCELLENT

**MAINTENANCE** - Cost - \$1,642                      In House Hours – 20

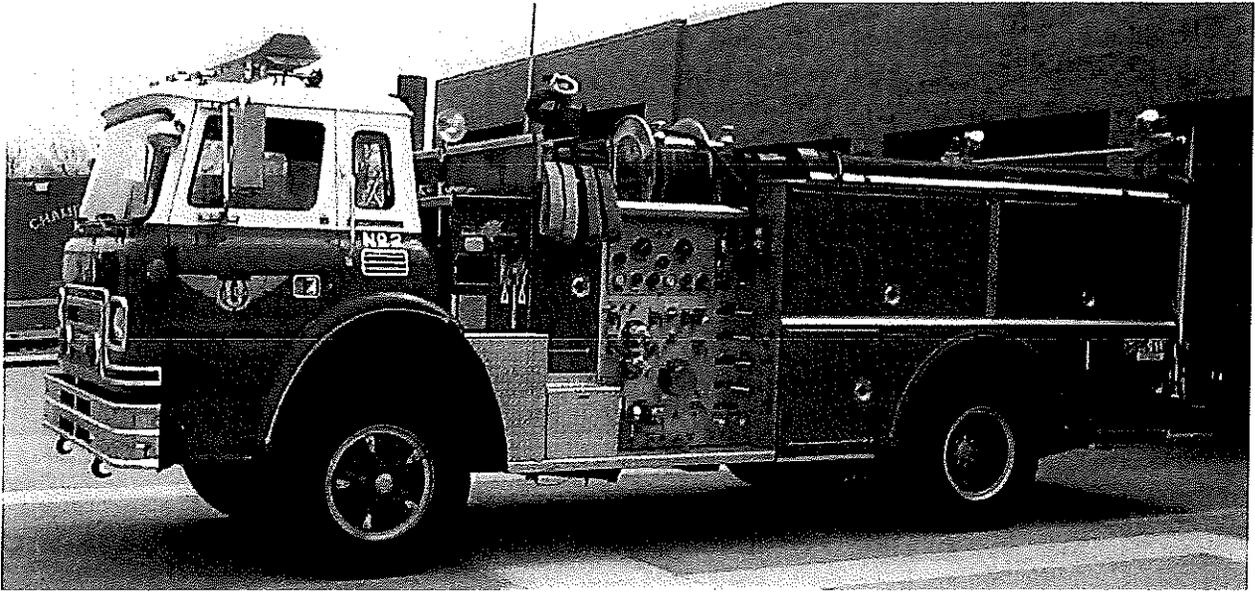
### **PRIMARY USE:**

**Primary pumping fire apparatus that responds to all fires and auto accidents in the City of Urbana.**

### **COMMENTS:**

**Engine 1 has been a very good vehicle with very few minor mechanical issues.**

## ENGINE 2



**OWNED BY** - City of Urbana

**MAKE** - Grumman/International

**YEAR** - 1984                      **AGE** - 28 Years

**TYPE** - Engine with 1000 GPM pump; Carries 600 Gallons of water

**MILEAGE** - 42,878

**CONDITION** - POOR

**MAINTENANCE** - Cost - \$0                      In House Hours - 6.5

**PRIMARY USE:**

Reserve fire apparatus only.

**COMMENTS:**

Engine 2 has never been used as a primary fire apparatus as the first vehicle out the door. This vehicle has barely passed pump testing for the past several years. Finley Fire Equipment, which completes pump testing, has recommended that this vehicle only be used by exterior firefighting operations. This vehicle is not reliable for life safety of citizens or firefighting personnel and is at the end of its life span. Note - Engine 2 has not been used and therefore has only needed preventative maintenance completed on it.

## TRUCK 1



**OWNED BY** - City of Urbana

**MAKE** - Pierce

**YEAR** - 1997      **AGE** - 15 Years

**TYPE** - Engine with 1750 GPM pump; Carries 200 Gallons of water  
100 foot aerial ladder

**MILEAGE** - 21,816

**CONDITION** - EXCELLENT

**MAINTENANCE** - Cost - \$1,145      In House Hours - 24.25

### PRIMARY USE:

Responds with Engine 1 on possible commercial fires and is used on actual residential fires.

### COMMENTS:

Truck 1 has been very beneficial on several downtown, residential and commercial fires as well as has been used to complete rescues from silos. This vehicle was used on the silo fire at Heritage several years ago. The truck was instrumental in the operations to extinguish the fire. Mechanically the vehicle is very sound and has had only minor issues.

## ENGINE 4



**OWNED BY** - Urbana Township

**MAKE** - Pierce International

**YEAR** - 1997                      **AGE** – 15 Years

**TYPE** - Engine with 1250 GPM pump; Carries 1000 Gallons of water

**MILEAGE** - 54,737

**CONDITION** - GOOD

**MAINTENANCE** - Cost - \$276.10                      In House Hours – 33

### **PRIMARY USE:**

Primary pumping fire apparatus that responds to all fires and auto accidents in Urbana Township, Salem Township, Union Township and mutual aid fires in rural areas.

### **COMMENTS:**

Engine 4 has been a good vehicle for rural firefighting capabilities. This vehicle is close to reaching its 20 year active service life. Typically, fire apparatus are good for 20 years of active service and can then be put into reserve status for the next 10 years.

## TANKER 1



**OWNED BY** - Urbana Township  
**MAKE** - Pierce International  
**YEAR** - 2009                      **AGE** – 3 Years  
**TYPE** - Tanker with 1250 GPM pump; Carries 2100 Gallons of water  
**Mileage** - 3,470  
**CONDITION** - EXCELLENT  
**MAINTENANCE** - Cost - \$136.98                      **In House Hours** – 2.25 Hours

### **PRIMARY USE:**

Tanker 1 responds primarily into rural areas and hauls water to the scene of an incident.

### **COMMENTS:**

Tanker 1 has been a very good addition to the fleet. The previous tanker had a small 250 GPM pump and was not set up to also function as a fire attack vehicle. This vehicle has hose loaded on it to allow it to be used for fire attack if necessary.

## BRUSH 1



**OWNED BY** - Urbana Township

**MAKE** - Ford F-550 Super Duty 4x4

**YEAR** - 2004      **AGE** - 7 Years

**TYPE** - Brush Truck with 250 GPM Pump; Carries 400 Gallons of water

**MILEAGE** - 6,186

**CONDITION** - EXCELLENT

**MAINTENANCE** - Cost - \$143.71      In House Hours - 7

### PRIMARY USE:

Brush 1 responds on all grass fires, brush fires, field fires or any small fire either off road or with very limited access.

### COMMENTS:

Brush 1 is designed to go off road to fight fire. Once the 400 Gallons of water is used, a tanker or engine is used to re-supply water for extended use.

## CHIEF 1 VEHICLE (C1)



**OWNED BY** - City of Urbana

**MAKE** - Ford Police Interceptor Utility

**YEAR** - 2013                      **AGE** - < 1 Year

**TYPE** - Staff Vehicle

**MILEAGE** - 2,078

**CONDITION** - EXCELLENT

**MAINTENANCE** - Cost - \$64.00                      In House Hours - 7

### **PRIMARY USE:**

Command vehicle for all major incidents such as fires and motor vehicle accidents.

### **COMMENTS:**

This vehicle has been equipped as a command vehicle and has the capability to be a command post for large fires. All future staff vehicles will have the same exterior set-up.

## CHIEF 2 VEHICLE (C2)



**OWNED BY** - City of Urbana

**MAKE** - Ford Explorer

**YEAR** - 2005      **AGE** - 7 Years

**TYPE** - Staff Vehicle

**MILEAGE** - 83,502

**CONDITION** - GOOD

**MAINTENANCE** - Cost - \$262.89      In House Hours - 2

### PRIMARY USE:

Command vehicle for all major incidents such as fires and motor vehicle accidents. Also used for fire investigations and inspections.

### COMMENTS:

This vehicle will be equipped as a command vehicle and will have the capability to be a command post for large fires in the future.

## UTILITY 1



**OWNED BY** - City of Urbana  
**MAKE** - Ford F-350  
**YEAR** - 2001                      **AGE** - 11 Years  
**TYPE** - Utility Vehicle  
**MILEAGE** - 83,430  
**CONDITION** - GOOD  
**MAINTENANCE** - Cost - \$29.82                      **In House Hours** - 4

### **PRIMARY USE:**

Used to pick up parts or groceries. Also used to haul equipment and personnel to and from fire scenes.

### **COMMENTS:**

Very handy vehicle to have to save wear and tear on the fire apparatus. This vehicle is also used by the Police Division on occasion to retrieve bikes or other evidence.

## SQUAD 4 (REHAB)



**OWNED BY** - City of Urbana

**MAKE** - Horton International

**YEAR** - 1991      **AGE** – 21 Years

**TYPE** - Rehab /Air Vehicle

**MILEAGE** - 70,174

**CONDITION** - FAIR

**MAINTENANCE** - Cost - \$1,058      In House Hours – 20.75

### **PRIMARY USE:**

Used as a rehab vehicle and to resupply the breathing air cylinders.

### **COMMENTS:**

This vehicle responds to major incidents and usually is staffed by Box 13 member to provide a place for firefighters to catch their breath at these incidents. Squad 4 is also equipped with a breathing air cascade system and a fill station to fill air cylinders when firefighters come out of the fire building.

## HAZ MAT 1



**OWNED BY** - City of Urbana

**MAKE** - International

**YEAR** - 1981                      **AGE** – 31 Years

**TYPE** - Haz Mat Response Vehicle

**MILEAGE** - 151,164

**CONDITION** - POOR

**MAINTENANCE** - Cost - \$214.69                      **In House Hours** – 13

### **PRIMARY USE:**

Haz Mat Response for county haz mat team

### **COMMENTS:**

In 2012 the county fire chief's took control of the county haz mat team. One of the goals is to acquire trailers to put the haz mat equipment and supplies into for response. This vehicle continues to age and is used very little.

## FIRE SAFETY TRAILER



**OWNED BY** - City of Urbana

**MAKE** - Surrey

**YEAR** - 1998      **AGE** - 14 Years

**TYPE** - Staff Vehicle

**MILEAGE** - N/A

**CONDITION** - GOOD

**MAINTENANCE** - Cost - \$978.00      In House Hours - 0

### **PRIMARY USE:**

**Fire Safety Education**

### **COMMENTS:**

The Fire Safety Trailer has been an excellent tool to teach both children and adults about fire safety in the home. Over its lifetime so far there have been 10s of thousands of participants go through the fire safety program. In 2012, we had the roof and some of the floors inside refurbished due to leaks and water damage. In 2013 we will try to get a Wal-Mart Grant to refurbish the storm weather training simulation to teach children and adults what to do in severe thunderstorms or a tornado.