



○ ABOUT AIRBOSS-DEFENSE:
OUR PRESIDENT'S
THOUGHTS..... 1



○ THIS MONTH'S FEATURED
PRODUCT:
THE HIP BOOTS 2



○ BE AWARE OF DANGERS OF
HEAT 2

○ ISSUE 4 | ○ JUNE | ○ 2007

airbossdefense.com



First-Responder's *news*

ADDRESSING THE NEEDS OF FIRST-RESPONDERS AND HELPING THEM
BUILD A SECURE FUTURE.

*Did you know that AirBoss-Defense is a key part of the
US, Canadian and International - Defense Industrial
Base Programs?*

About AirBoss-Defense... *our President's thoughts*

Did you know that AirBoss-Defense is a key part of the US, Canadian and International - Defense Industrial Base Programs?

Major orders continue to come in, and production and deliveries are underway, on our US DOD Joint Service Chemical Biological (CB) protective hand wear and footwear contracts. As the sole source of supply for the JB2GU Type II Glove and AFS Overboot, AirBoss-Defense has again demonstrated its unique capability to meet the most stringent requirements of the US DOD.

AirBoss-Defense has also been awarded all three supply contracts for compounds used for repair and overhaul of tank track pads by TACOM's Red River Army Depot (RRAD) in Texarkana, Texas. Becoming RRAD's sole source for compound clearly shows that world class equipment, dedication to quality and tight control of costs make AirBoss the proven leader in rubber compound technologies.

AirBoss-Defense's world leading knowledge has also been recognised by the French DGA (Direction Générale de l'Armement). Final reports on a two year service contract to "define future CBRN Personnel Protective equipment" along with demonstration samples have been submitted and approved; helping pave the way for definition of future French Solider CB systems.

In Canada, AirBoss-Defense is preparing to once again start its production line for Canadian C4 Gas Masks. As the Canadian Department of National Defense's partner in CBRN equipment development, AirBoss-Defense is the sole manufacturer for this nation's defense gas mask. As supplier to the British UK MOD and Police, Canadian DND and RCMP, Dutch MOD, German BWB, Greek Hellenic Forces, Kuwait MOD, Norwegian Armed Forces and Civil Defense, and numerous other Armed Forces and First Response agencies world wide; well over 20 nations depend on the unique innovative technologies and capabilities of AirBoss.

A few AirBoss-Defense facts:

- Sales by sector: 80% to Defense Agencies, 20% to First Response Agencies.
- Sales by territory: 60% to USA, 20% to Canada, 20% Export.
- Annual Average Growth: Over 20% annually for last 10 years.
- 100% of products are made in North America (Canada or USA).
- Three major manufacturing sites, North Carolina, Ontario and Quebec.
- AirBoss-Defense is a division of AirBoss of America Corp.
- Want to see a video clip of Chairman, CEO and "Division Managers"
Go to: <http://www.airbossamerica.com/agm-2007/video/index.html>



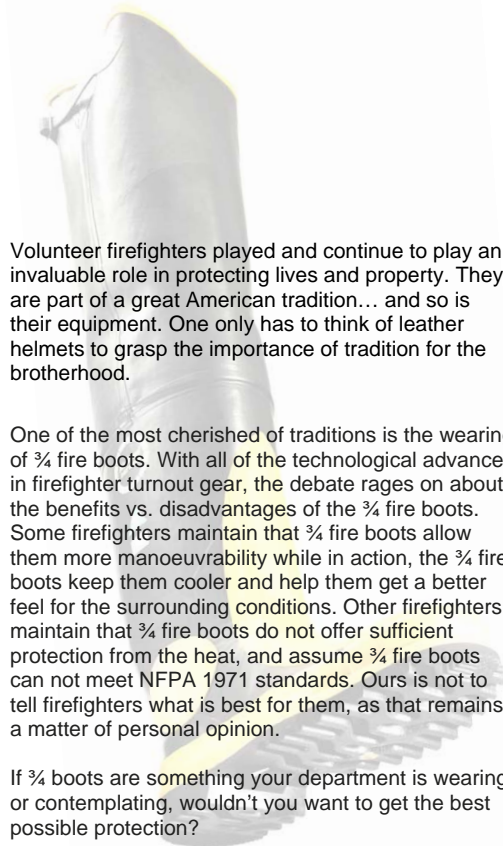
AIRBOSS-DEFENSE ON THE ROAD

FIREHOUSE EXPO
July 26th to 28th, 2007
Baltimore, MD
Booth #1243

www.firehouseexpo.com



The Tradition of volunteering



The man who established the first volunteer fire department also invented bifocals, wrote and printed Poor Richard's Almanac, studied electricity and helped draft the Declaration of Independence. His name was Benjamin Franklin. The first volunteer fire department began in Philadelphia in 1736.

Franklin often wrote about the dangers of fire and the need for organized fire protection. He was dissatisfied with Boston's Mutual Fire Societies (also known as "Fire Clubs") because the "Fire Clubs" existed solely for the protection of its members, not the community at large. Franklin wanted organizations that would battle all fires, regardless of whose property was burning.

After an extensive fire in Philadelphia in 1736, Franklin established the first all-volunteer fire brigade which was known as The Union Fire Company which was comprised of 30 volunteers. As the idea of volunteer fire brigades gained popularity, additional companies were formed in Philadelphia. Each of the companies paid for their own equipment and located it throughout town at strategic places.

Other famous Americans who served as volunteer firefighters include: George Washington, Thomas Jefferson, Samuel Adams, John Hancock, Paul Revere, Alexander Hamilton, John Jay, John Barry, Aaron Burr, Benedict Arnold, James Buchanan and Millard Fillmore.

Volunteer firefighters played and continue to play an invaluable role in protecting lives and property. They are part of a great American tradition... and so is their equipment. One only has to think of leather helmets to grasp the importance of tradition for the brotherhood.

One of the most cherished of traditions is the wearing of $\frac{3}{4}$ fire boots. With all of the technological advances in firefighter turnout gear, the debate rages on about the benefits vs. disadvantages of the $\frac{3}{4}$ fire boots. Some firefighters maintain that $\frac{3}{4}$ fire boots allow them more manoeuvrability while in action, the $\frac{3}{4}$ fire boots keep them cooler and help them get a better feel for the surrounding conditions. Other firefighters maintain that $\frac{3}{4}$ fire boots do not offer sufficient protection from the heat, and assume $\frac{3}{4}$ fire boots can not meet NFPA 1971 standards. Ours is not to tell firefighters what is best for them, as that remains a matter of personal opinion.

If $\frac{3}{4}$ boots are something your department is wearing or contemplating, wouldn't you want to get the best possible protection?

AirBoss-Defense is proud to offer a $\frac{3}{4}$ fire boot, which is the first and only $\frac{3}{4}$ fire boot certified by UL to comply with NFPA 1971 – 2007 edition.

WE WANT TO HEAR FROM YOU:

IF YOU HAVE ANY QUESTIONS REGARDING OUR COMPANY, PRODUCTS OR TECHNICAL ISSUES, PLEASE CONTACT US:

AIRBOSS-DEFENSE
881 LANDRY STREET
ACTON VALE, QC J0H 1A0
CANADA

TEL.: 450.546.2776
FAX: 450.546.0213
AIRBOSSDEFENSE.COM

CUSTOMER SERVICE:
450.546.2776 EXT.: 298
fire@airboss-acton.com

Be aware of dangers of heat...

Warm weather is now upon all regions in the northern hemisphere. With warm weather brings the increased risk of heat stress for first responders. Although commonly attributed to warm weather conditions, heat stress should not be treated solely as a seasonal threat. Many occupations involve work in hot environments throughout the year.

Heat stress injuries and illnesses that can result from heat exposure can be split into six major groups.

Heat Rash is caused by a hot, humid environment and plugged sweat glands. It is a bumpy red rash which itches severely. It is not life-threatening but is very annoying. Dry clothes that help sweat evaporate will reduce the chance of heat rash. Washing regularly and keeping the skin clean and dry will help prevent heat rash.

Heat Cramps are painful muscle cramps caused by a loss of body salt through excessive sweating. To help prevent heat cramps, drink plenty of non-alcoholic, caffeine-free fluids

while working in a hot environment. Anyone suffering from heat cramps should be watched carefully for signs of more serious heat stress. If the cramps persist or other symptoms develop, seek medical attention immediately.

Heat Syncope (pronounced "sin-co-pay") is sudden fainting caused by a reduced blood flow to the head. The victim's skin will be cool and moist and their pulse will be weak. Immediate medical attention is needed in the event of syncope.

Heat Exhaustion results from inadequate salt and water intake and is a sign the body's cooling system is not working properly. The victim will sweat heavily, their skin will be cool and moist, their pulse weak, and they will seem tired, confused, clumsy, irritable or upset, they may breathe rapidly--even pant--and their vision may be blurred. If you suspect heat exhaustion, don't let the victim talk you out of seeking immediate medical attention. The heat exhaustion will affect their ability to exercise good judgment. Until medical help arrives, try to cool the victim and offer sips of cool water as long as the victim is conscious. Immediate medical attention is required. Heat exhaustion can quickly lead to heat stroke.

Heat Stroke is the deadliest of all heat stress conditions. It occurs when the body's cooling mechanism has shut down after extreme loss of salt and fluids. The body temperature will rise, the victim's skin is hot, red, and dry, their pulse fast, and they may complain of headache or dizziness. They will probably be weak, confused, and upset. Later stages of heat stroke cause a loss of consciousness and may lead to convulsions. In the event of heat stroke, seek immediate medical attention. Until help arrives, try to cool the victim and offer sips of cool water if the victim is conscious.

Incidental Accidents and Injuries that result from workers becoming dizzy, disoriented, weak or confused. These incidents can go unrecognized as such and therefore never attributed to heat stress as a root cause.

Personal physical condition and activity level combine with several environmental factors to determine the level of heat stress risk present. The best treatment and/or prevention remains rest, plenty of cool (non-alcoholic) beverages, cool shower or bath, air-conditioned environment and lightweight clothing.