



Lifeguard Newsletter

January 2012

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When contacting Lifeguard through your local dispatch or by calling (800)223-6627, please be ready to provide the following:

- Your general location & type of Emergency
- Identify frequency that Lifeguard will be using to speak with ground units
- Identify who Lifeguard will be speaking with

*Lifeguard Air
Ambulance
1026 A Ave N.E.
Cedar Rapids, IA
52406-3026*

Going the Distance to Save Lives

Make it Your New Year's Resolution to Remain Safe

Ferdinand Porsche developed the Lohner-Porsche Mixte Hybrid in 1901. This was the first gasoline-electric hybrid automobile in the world. However, the hybrid-electric vehicle did not become widely available to the masses until Toyota released its Prius in 1997 in Japan. Following soon after came the Honda Insight in 1999. At that time, gas prices were still relatively low and the general public deemed these vehicles unnecessary. With the significant increase in gasoline prices since that time, the hybrid now has a core segment of the automotive market. The United States itself is the largest hybrid market in the world, with 2 million hybrid automobiles and SUV's sold through May 2011. The Prius is the top-selling hybrid car in the U.S. with 1 million sold by April 2011.

Therefore the art, or is it the science, of auto extrication has changed significantly over the last several years. All vehicles coming out on the market now have air-bags, not just the high end ones. They might have 4 or more even. The vehicles are no longer made of traditional steel. They are made of hybrid metals that weigh less than traditional steel and are so strong that in a number of instances the tools that we have used "forever" cannot cut through it. While in the past, those doing the extricating needed to worry about fire, bumpers shooting off or a gas-pressured cylinder in a hatchback going off, they now need to be aware of multiple airbags, high strength steel and electric battery powered vehicles.

Congress had the forethought to pass regulations that push the auto industry into producing hybrid vehicles, but did not think about the training that the first responders, YOU, would need to work in and around these vehicles.

So, for those of you that have Smart Phones, there are apps that you can download to help with this. Upon arrival to a scene involving a hybrid, pull up the app, plug in the brand of the vehicle and the schematics pop up. These show where you can cut through the frame safely to avoid charged wires to extricate the victim. It shows placement of braces, cut placement, location of airbags, high voltage lines, fuel positions of airbag cartridges and seatbelt pre-tensioners.

Depending on your brand of phone, the following will apply: Extraction Zones, Extraction Zones Pro, Hybrid Auto Extrication Guide for the Android. Extraction Zones Pro and Hybrid Auto Extrication Guide for the iPad and Extraction Zones Pro, Field Applications, and Hybrid Auto Extrication Guide for the iPhone.

If your phone has the capability to connect with the internet, go to Opel Rescue Cards. This has information for over 60 models of vehicles from 1991 to the present! Many of these apps are free. But don't stop there!! Look around and get training from your local colleges and continuing education centers. Keep yourself updated and safe.

Make it your resolution this year to stay safe and stay smart!

References:

Fire Engineering; Volume 163, Issue 5; Dalymple, David
Alternative Fuel Vehicles and Hybrid Electric Vehicles; 3-05-11
Hybrid Car Technology and Emergency Procedures; Oxford Fire and EMS

Requesting Lifeguard:

Remember if you are unsure whether you'll need Lifeguard, you may tell dispatch that you would like to place Lifeguard on "stand-by". The crew will prepare for lift-off while awaiting the "go-mission" call. This saves minutes on lift-off time because the crew is already at the helicopter, and ready for lift-off.

To contact Lifeguard for a Safety Training or PR event, call (319) 369-8995 and ask to speak to a member of the flight crew.

Welcome to our newest member of Lifeguard

Scott Millman joins us as a pilot. Scott will be PRN ('as needed') and will continue to work for the National Guard as a counterdrug pilot. Scott is a "local boy", he growing up in Saint Donatus, Iowa. He grew up knowing he wanted to be a pilot, so when he could, Scott joined the Iowa Guard. Initially he was an infantryman and served two deployments. After that, he knew he had to get off the ground and into the air. He was accepted into Army Flight School in 2005 at Fort Rucker, Alabama. Ft Rucker is where a vast majority of helicopter pilots receive their training. Scott became a Blackhawk Medevac Pilot and was deployed again, this time to Iraq. Due to the military being the target of budget cuts, Scott decided it might be wise to diversify. And that's is how he came to us!



Scott is married to Angel. They have three children, Isaac (12), Ella (5), and Anna (2). He would like for everyone to know that Ella and Anna have been adopted from Korea. The family also includes a four-legged child---'Chloe', an Aussie.

The Millman family resides in Cedar Falls as Scott continues to work for the Iowa Guard there. Scott says that he finds great satisfaction in being able to use aviation to safely help people in need. He's looking forward to meeting everyone that works with Lifeguard and has noted that everyone he has met so far have been extremely friendly. Welcome Scott!!

Upcoming Educational Opportunities

1/7	CCP Update	NEICC/Peosta
1/25-28	EMS MW Conference	Milwaukee, Wisconsin
1-28	Cedar County EMS Fest	Cedar County Courthouse, Tipton
2/3-10	24 HR Refresher	Kirkwood
2/2-17	48 HR Refresher	Kirkwood
2/4	Hiawatha EMS Saturday	Hiawatha FD
2/20-21	TNCC	Genesis/Davenport
2/25	Belle Plaine EMS Day	Belle Plaine Ambulance
2/28-3/3	EMS Today-JEMS Conference	Baltimore, Maryland
3/5-14	CCP	UIHC
3/9-10	Code 1	Kirkwood
3/10	EMS Day Conference	NEICC/Calmar
3/19-20	GEMS	UIHC
3/20	EMS Evaluator Workshop	NEICC/Calmar
3/20	EMS Evaluator	Kirkwood
4/25-4/26	Critical Care Paramedic	UIHC

Belle Plaine Ambulance will be hosting EMS Day, Saturday, February 25. It's from 0800-1700. 7.0 informal CEH's and 1.0 formal CEH will be offered.

Please RSVP to bpaa09@yahoo.com

Updates and Reminders

The Air Medical Safety Committee is asking that all services use law/mutual aid without tone codes for all communication with an incoming helicopter.

Did You Know:

January is National Blood Donor Month, National Oatmeal Month, & National Hobby Month
1/12 National Pharmacist Day, 1/13 Blame Someone Else Day, 1/17 Ditch the New Year's Resolutions Day & 1/21 Squirrel Appreciation Day

February is American Heart Month, National Cherry Month, National Children's Dental Health Month

2/2 Groundhog Day, 2/7 Wave All Your Fingers at Your Neighbor Day, 2/12 Abraham Lincoln's Birthday, 2/14 National Organ Donor Day & 2/20 Love your Pet Day

March is Irish American Month & Social Worker's Month

3/ 2 Employee Appreciation Day, 3/3 If Pets had Thumbs Day & 3/14 National Pi Day (3.14)