

TRB EMS Subcommittee ANB10(5)

EMS Safety Summit 2012

Safety Systems, Strategies and Solutions

**Innovative Vehicle designs –
technical aspects**

Jim Swartz, Careflite, Texas

February 29th , 2012



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Outline

- Sprinter Ambulances Provide Safer Environment/Retain Automotive Safety Features
- Forward Facing Seats Critical
- Reach Patients from Belted Position
- Leadership, Communicate, Culture, Vehicle, Accountability
- Science & Data Based

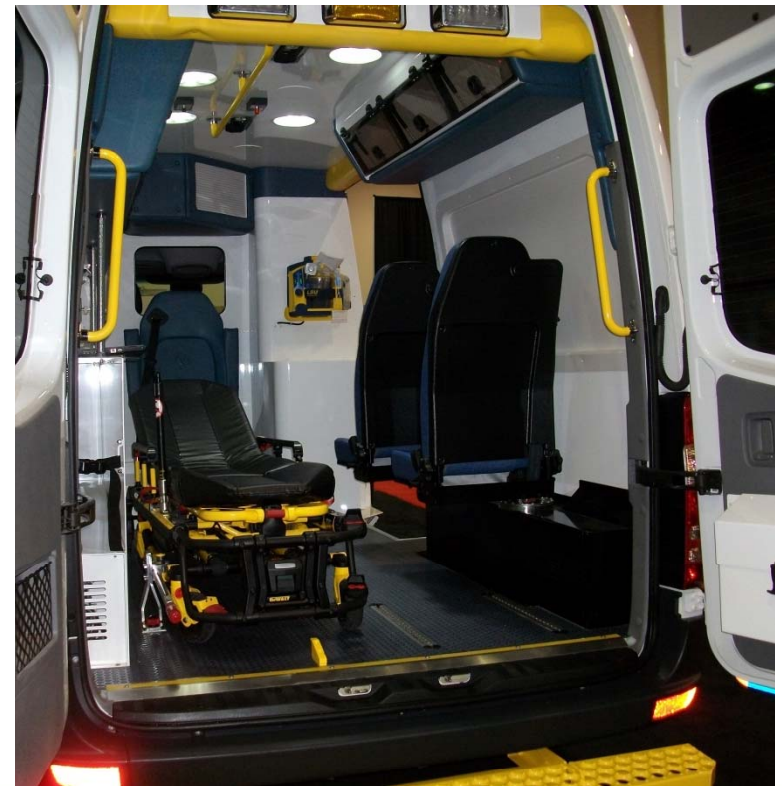


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Safest Vehicles Available



Interiors Based on European and Canadian Specs Which Meet Gov't Safety Standards



Communicate



Every Ambulance at Any Station At All Times Must Display Safety Flag (Whether connected to Shore Power or Not)



CareFlite, America's Oldest Joint Use Air Medical Program, is a 501(c)(3) Nonprofit sponsored by:



Communications (800) 441-6260 • Membership (877) 539-2273 • www.careflite.org




AND LOSE YOUR JOB AT CAREFLITE (if you survive the crash)

No texting in any CareFlite vehicle at any time for any reason. Period.

ANY QUESTIONS?

Message courtesy of Stonebridge Church of God. Photo courtesy of Jonathan Jeffers, CareFlite Communications Specialist.

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TEXTING WHILE DRIVING (Aside from violating CareFlite's Rules)



MEANS DEATH & INJURY

ANY QUESTIONS?

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**NOT USING A SEAT BELT?
EXPECT DEATH OR INJURY**

If you have to unbuckle when moving, tell your partner first • Unbuckling only allowed for Emergency CPR or 15 seconds



Everyone goes home at the end of the shift 



Rollover Crash Kills Medical Technician **Lights & Sirens are not a get out of jail free card**

THE SPEED LIMIT is THE SPEED LIMIT

Any Questions?



Everyone goes home at the end of the shift 

DON'T PRESS RR CROSSINGS...




Protected Crossing with flashing lights & gate ... follow indications unless using Lights & Sirens ... which is always a Mandatory Stop



Unprotected Crossing ... You must Stop, Look and Listen each time ... including rolling down windows to hear train


THE TRAIN WILL WIN. 

THINK IT CAN'T HAPPEN TO YOU?





THE DATA DOESN'T LIE

"Helmets are estimated to be 37-percent effective in preventing fatal injuries to motorcycle riders."



RIDING A MOTORCYCLE? WEAR A HELMET

Riding a motorcycle is very dangerous! Not wearing a helmet suicidal! which can cost you your job at CareFlite 



Percentage of motorcycle riders using a helmet

Year	Percentage
1990	40%
1991	42%
1992	44%
1993	46%
1994	48%
1995	50%
1996	52%
1997	54%
1998	56%
1999	58%
2000	60%
2001	62%
2002	64%
2003	66%
2004	68%
2005	70%
2006	72%
2007	74%
2008	76%
2009	81%

Source: National Highway Traffic Safety Administration (NHTSA)



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Communicate

THINK IT CAN'T HAPPEN TO YOU?



911110, HOUSTON SCHOOL RD AT PLEASANT RUN ROAD

3 MAJOR ACCIDENTS IN JUST 9 MONTHS = 5% OF FLEET WRECKED

12/25/09, SLIDES ON ICE, TRUCK TOTALLED



2/8/10, TX 921 AT GLADE RD, HIT MAKING LEFT TURN, TRUCK TOTALLED

We were lucky no one was badly injured. Wear your seat belts. Drive cautiously. Obey the Speed Limits. No texting. Obey all signs & traffic lights. 74% of EMS fatalities are MVA related. Most fatalities occur within intersections. Drive to survive. It can save your life.

THINK AGAIN.



THINK IT CAN'T HAPPEN HERE?





DRIVE AS IF YOUR LIFE DEPENDS ON IT

IT DOES





Rollover Crash Kills Medical Technician

Everyone goes home at the end of the shift




Rollover Crash Kills Medical Technician

74% of EMS occupational fatalities are MVC related

Responding to a scene or transporting a patient with lights & sirens ...

STOP AT ALL INTERSECTIONS

Any Questions?



Everyone goes home at the end of the shift



SAFETY

The performance of CareFlite's mission will reflect the highest regard for the safety of yourself, the patient, your co-workers, the customer and the public. - CareFlite Core Values Statement

If you have an immediate safety concern contact:

David Carr ATP, CareFlite Safety Director
dcarr@careflite.org (469) 879-3429 Mobile

Paul Kolber, EMT-B, Ground Safety Manager
pkolber@careflite.org (214) 738-1420 Mobile

For more information on CareFlite Safety Programs including Safety Meeting Dates, Committee Members and a Safety Concern Form, visit CareFlite's Intranet site from any company computer:

<http://intranet.careflite.org/safety.htm>




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Accountability

**Systems Like
Road Safety
Provide Data &
Basis for
Holding People
Accountable**





Summary

Lesson 1:

“Being responsible sometimes means pissing people off... By procrastinating on the difficult choices, by trying not to get anyone mad, and by treating everyone equally "nicely" regardless of their contributions, you'll simply ensure that the only people you'll wind up angering are the most creative and productive people in the organization.”

A Leadership Primer from General (Ret.) Colin Powell,
Former Secretary of State



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