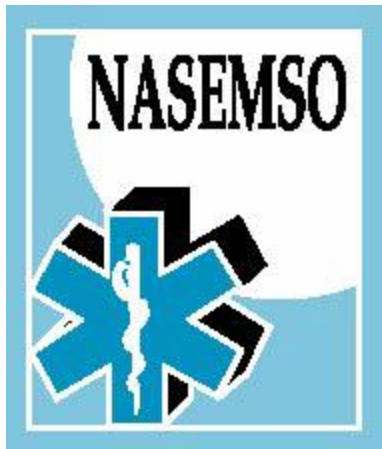




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NFPA 1917

Standard for Automotive Ambulances



Past, Present, and Future

Suzanne Prentiss, BA, NREMT-P for NASEMSO

Thanks for contributions from

Aarron Reinert, NAEMSA and Ron Thackery, AAA



Be Mindful

- Will your state need to change state statute and/or administrative rules?
- Important and respectful partnership between NASEMSO, NEMSMA, AAA in this process
- Clear at the outset, patience, we all wanted more....



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History

- **GSA (Government Services Administration)**
 - A purchasing standard for feds
 - Early requirement for federal block grants
 - Only standard available
 - Adopted by many states to allow for grant compliance
 - KKK Version F



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Why NFPA

- GSA no longer wanted to develop and maintain a national standard
- GSA looked for a EMS standard setting body
- NFPA has a history of developing standards that are then voluntarily adopted



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The FEAR.....

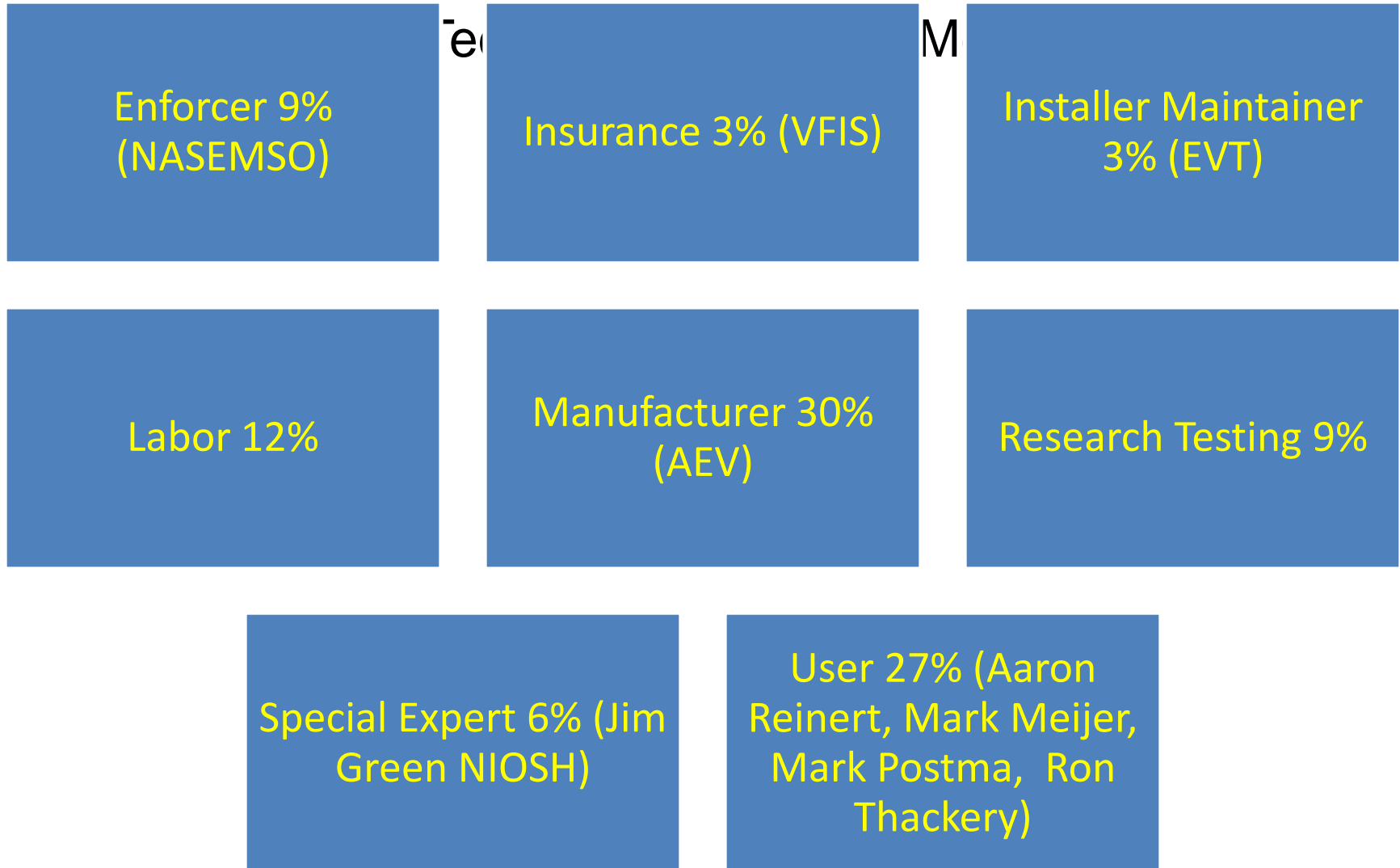
- Lack of innovation and NFPA cycle
- All ambulances will be red
- All ambulances will have a water tank
- All ambulances will be medium duty
- Fire is taking over
- We won't be able to afford the result
- Non-fire won't have a voice



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The Reality....



Process

- Technical Committee has been meeting for over two years
- Committee charged to convert GSA KKK to NFPA, low hanging fruit only
- Subject matter committees
 - Chassis, Electrical, Exterior, Testing, Admin, Patient Function
- Line by line approval by full committee



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ROP (Report on Proposals) Language

- Accept
- Accept in Principle
- Reject
- Annex



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Process

- Full Technical Committee approves Specification
- Draft Specification published in November 2010 for public comment
- January 15, 2011 comment period closed
- February 8 – 10 full committee met in Dallas, TX for Report on Proposals (ROP)
 - Reviewed every comment - 1220 by subject matter committees



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Process

- April 2011, ballot circulated with ROP meeting results
- April 2011, votes tabulated, ballot passes
- June 2011, committee publishes responses to public comments – ballot process
- Public comment on committee's responses (ROC)
- August 2011, public comment period ended
- October 2011, Committee met in Baltimore
- Report to be published Feb 2012



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Process

- Technical Committee voted on final standard - passed
- To be published May 2012
- Final vote of NFPA Association June 2012
- Letter to staff liaison regarding next revision cycles – approved



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What to know...

- Again, will be a rewrite of KKK
- Will continue to require certified lab testing of new models and certain steps of customer units (not everyone does this now)
- Requires an attendant to be able to reach all controls from a seated position



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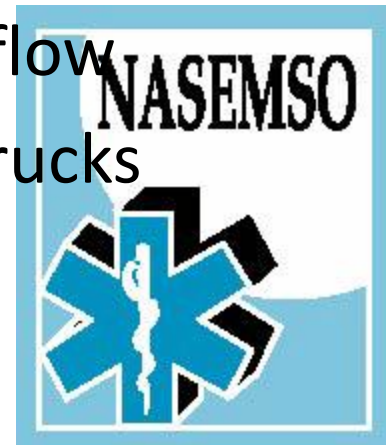


What to know...

- NOISH Testing
- Jim Greene reported to NASEMSO at Annual Meeting
 - Partnership between NOISH, National Institutes for Standards and Technology and Homeland Security looking at human factors for seating, equipment placement, and patient care flow
 - Some items already making it into new trucks



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What to know...

- **NIOSH Testing (not currently included)**
 - Seating and restraints for attendants rated to 30 MPH frontal and side impacts
 - Stretchers that will stay attached to the floor and the patients will stay on them
 - Above testing complete
 - Roll testing of box and corner impacts
 - Full scale testing (already funded)



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End of the day....

Designate Health Care Provider seating positions

- Adjustable to within 6" of patient on cot



End of the day...

- Carbon monoxide detector pt. compartment
- Mud Flaps
- Additional handrails - every point of entry
- Certificate of compliance posted
- Hub caps (accessible for lug nuts view)
- Vehicle stability control (defined by weight)



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End of the Day....

- Load capacity – 171 lbs per seated position
- Seatbelt monitors – audible, visual, after being occupied and while in motion
- Tire pressure monitors
- AMD testing standards
- Speed set at 77mph
- Items >3 lbs secured (by device or in compartment to withstand 10g force)
- Back up alarm can not be shut off



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End of the day...

- Chevrons – red, fluorescent yellow and green
- Underbody lighting
- Temperature – in, adjusted to start at 50f
- Front Seat – in, needs to seat 2
- Interior cabinets marked with max weight rating
- NFPA 1917 doesn't apply to Re-mounts or bariatric units



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Moving on...

- If adopted by NFPA, will go into effect in 2013
- New revision cycle starts in 2013
- NIOSH testing to move us in the direction we really want to be in
- NASEMSO's continued role (CT & VT?)
- Your state, your laws, your rules



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