



***Society of Fire Protection
Engineers***

Mid-South Chapter

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January 19, 2010 Meeting Minutes

**Speakers – Brad Chafin, VP Operations
Topic – High Expansion Foam Applications in Aircraft
Hangers
Location – Benjamin Hooks Central Library
3030 Poplar Ave.
Memphis, TN 38111
Meeting Called to Order – 3:05 PM
Meeting Adjourned – 4:15 PM**

Brad provided an informative look into the design process and concepts used in a recent project to provide fire protection for the new National Guard aircraft hanger at Memphis International Airport. The requirements were to meet the architect's criteria as well as meeting the military design and foam application requirements. The objective was to provide foam coverage under the profile of the aircraft as well as total hanger floor area coverage within specified times and under specific coverage depths. The challenge was to meet both group requirements and provide full coverage. Brad discussed the design process and approach the design team took. He provided the alternative approaches that were considered and provided a summary of the final system design. Acceptance test videos were shown which provided a great view of the operation of a High Expansion Foam system. Ultimately the system was proven to meet the design criteria and tests were approved by the project team.

For additional information the Brad's contact information is as follows:

**Brad Chafin
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4495 Mendenhall Road
Memphis, TN 38141
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The Chapter would like to extend many thanks to Brad for providing an informative and interesting presentation.

Chapter Business –

Jerry Vuoso introduced the new chapter officers for 2010. They are

Jerry Vuoso, President

Sheldon Dacus. Vice President

Alan Otts, Secretary

Majid Hatamzadeh, Treasurer and Immediate Past President

Jerry discussed the 2010 meeting schedule and some of the upcoming meeting topics. He also reminded everyone that it was time to pay the 2010 chapter dues which is \$20.00 except for those in public service organization which only pay \$1.00. He explained that dues would support the many programs that the chapter would like to establish and continue.

Jerry discussed the establishment of a chapter Scholarship program. More to come on that matter.

The above are meeting minutes as recorded by Jerry Vuoso.