Preview of February 2011 SAME Presentation, entitled “Roofing: Out of Sight/Out of Mind”. This presentation will be given by Ray Ramos of Raymond Engineering.

Roofing: Out of Sight/Out of Mind

WHAT HAPPENS IF IT STAYS OUT OF SIGHT/OUT OF MIND?

The Department of Defense has millions of square feet of roofing on its installations throughout the world. Yet, all too often, they are only of interest when they start to leak, usually at the most inappropriate time and at the most inconvenient places in the building. Factors that affect the performance of roofs include design or lack thereof, installation, lack of maintenance, abuse, or issues that are the result of a change in the use of the building.

This presentation is to show what can go wrong with a roofing system, why it occurred, and what could have been done to mitigate/prevent it from occurring. This presentation will not get into a lot of details as to the solutions, but will try to make you aware of what can happen with roofing assemblies.

Need Base Access?

For those of you that work outside of the gates but would like to attend our monthly meetings, SAME is working with Security Forces to allow people to come inside the gates without having to be sponsored in. Please submit your name, phone number, and email address to the Robins SAME Post Secretary (esther.lee@robins.af.mil) if you would like to attend the meeting.

Please submit your request by Friday, February 11th, so that Security Forces has time for processing. On the day of the meeting, come in through the Main Gate (the Watson Boulevard gate) and stop by the Visitor’s Center. Please have your driver’s license, proof of insurance, and vehicle registration handy as you will be required to show these before your pass is issued.
At the January general meeting, elections were held for all the officers and a few of the director positions. Results are shown below and the Post would like to give their congratulations to everyone!

President: Col Nicholas Desport  
Vice President: Mr. Mike Coats  
Treasurer: Mr. Griff Cox  
Secretary: Ms. Esther Lee  
Assistant Secretary: Ms. Casey Lucas  

Director of Programs: Mr. Ken Branton  
Director of Programs: Ms. Laurel Cordell  
Director of Finance: Mr. Kevin Long  
Director of Education and Mentoring: Mr. Brett Williams

Raymond Ramos, founder of Raymond Engineering-GA, LLC, has worked exclusively in the field of roofing and waterproofing as a roofing and waterproofing engineer/consultant since 1984. He is a licensed professional engineer in the states of Georgia, Florida, South Carolina and North Carolina, and has been a Registered Roof Consultant since 1990. Mr. Ramos has extensive experience in the evaluation, design, construction management and inspection of built-up, single ply, polyurethane foam, and metal roof systems.

Ray is involved in many organizations as well. He has or is currently serving on the boards of the Atlanta Chapter of Society of American Military Engineers, American Society of Civil Engineers, and Council of Educational Facilities Planners International. He is also a member of ASTM D-08 Committee, and the International Building Code Council. He also enjoys a good game of golf, skiing full speed down a mountain, a relaxing cruise and time with his family which includes wife Margaret, son Michael and daughters Katie and Emily.

Mr. Hilton Culpepper is a Middle Georgia native with not one but two Bachelors of Science degrees. One is in Science from Middle Georgia College and the other degree is in Electrical Engineering from Auburn University. Hilton worked in civil service for 35 years. With his humble beginnings as a Design Electrical Engineer for the Civil Engineering group here at Robins, Hilton retired in 2006 as Command Deputy Civil Engineer at HQ AFRC. Currently, he works for Weston Solutions where he is the Air Force Client Services Manager for the entire Southeast.

Hilton and his wife, Patty, live on the family farm outside of Dexter, GA where they raise cattle. He and his wife have four children, Holly, Greg, Michelle, and Wayne and one grandson, Will. His family is very active in his church and local community. Hilton enjoys the great outdoors and loves to go camping with his family and golfing with his friends.

Presenter’s Bio: Ray Ramos

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SAME Spotlight: Member of the Month

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2011 Election Results

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The next Robins Post General Meeting will be held on 16 February 2011 at 11:30 am. The meeting will be held in the Horizon’s Atrium. All are welcome.

Upcoming Dates in 2011

16 February: 1130 hours: SAME General Meeting immediately preceded by SAME Robins Post Board/Officer’s Meeting. The presentation for the SAME general meeting will be on Roofing given by Mr. Ray Ramos of Ramos Engineering.

20-26 February: Engineer’s Week. Take your Engineer friend out to lunch to show your appreciation of what all Engineers do and mark your calendars with the following activities during this week.

21 February: 1200 hours: Georgia Society of Professional Engineers (GSPE) is hosting the 2011 Engineers Luncheon at Mercer University. Keynote speaker at the luncheon will be Mr. Gordon McKenna, the director of Georgians for Passenger Rail. For more details, please contact Steve Skalko at svskalko@cox.net.

26 February: 0800 –1400 hours: 2011 Middle Georgia MATH-COUNTS Competition. Volunteers needed. If you would like to volunteer, please contact Betty Jean Jordan at bettyjean@jordan-eng.com.

16 March: 1130 hours: SAME General Meeting immediately preceded by SAME Robins Post Board/Officer’s Meeting. A presentation on Geothermal Energy will be given by Mr. Chuck Hammock of Andrews, Hammock, & Powell, Inc.

April: TBA: SAME Earth Day Golf Tournament
Mr. Ken Branton was recognized by the SAME Robins Post Board for his service in SAME and was acknowledged as the recipient of the prestigious Ric Powers’ Achievement Award. Ken has been involved with the Post for many years and has been a Programs Directors for the past 6 years. He is a retired Air Force Lt Col and currently works as the Senior Program Manager for URS Corporation. This year’s award had special significance for Ken since his long time friend, Ric Powers had passed away at the end of 2010.

Ms. Esther Lee was also recognized by the Post Board for her contributions to the Post and was named as the recipient of the Outstanding Young Member Award. Esther is currently the Post Secretary and editor of our monthly newsletter, The Flyer. She is the Pollution Prevention Program Manager for the environmental office at Robins.

The Post would like to congratulate Mr. Branton and Ms. Lee on their awards and appreciates all of their contributions to SAME over the past year. The awards were presented at the January 19th SAME Robins Post General Meeting.

Toland & Mizell Architects, Inc. was incorporated in November 2001. The principals, Alan J. Toland, AIA and Robert P. Mizell AIA, nonetheless have a working history that dates back to mid-1980. Having worked side-by-side in three previous firms, Toland & Mizell developed a cohesive methodology for effective design and project production. The individual principals honed their professional skills on a variety of high-tech and large-scale projects, up to $150 million in construction value, in several different specialized market segments. Project work has included design for the Aviation, Industrial, Institutional, Correctional, and Commercial market segments.

The architectural industry has become one of our specialties but we maintain personnel and expertise in the related fields of healthcare, aviation, military, industry, master planning, and institutional design. We remain focused in evolving areas of practice delivery such as standard design, design-build, BIM, program development, RFP development, and value engineering. We have also developed an expertise and professional staff for project LEED certification.

Toland & Mizell Architects, Inc. has worked several projects at Robins AFB including the Design/Build of the Avionics Facility and the recently completed Marines Corps Reserve Center.

For more information, please visit our website: www.toland-mizell.com.
In Memory of Ric Powers Article continued on next page.
Ric’s desire to be in construction required him to be mobile and first resulted in his moving to Nashville District to work on the Wolf Creek Dam ICOS 280 ft. deep concrete cutoff wall. From there he transferred to Savannah District’s contract administration branch where he worked for two and a half years. From Savannah, Ric transferred to the Corps’ Middle East Division, where he worked in field, district, and division level assignments in Riyadh, Saudi Arabia. He also served two tours in the Sultanate of Oman, the first in Muscat and the second in Thumrait. From Thumrait, he was transferred to Beni Suef, Egypt, as Resident Engineer. He returned to CONUS in 1985 as Resident Engineer, Seymour Johnson AFB, NC. It was here that he met his lovely wife, Carol. Then in 1987, Ric was assigned to Robins AFB to be the Area Engineer.

Ric was a unique individual. His love of engineering construction was evident to all those who knew and worked with him. Not only did he have impeccable credentials, his personal and professional standards were beyond reproach. Ric made sure that every project that he had purview over was built to specifications. Contractors who worked on projects that Ric oversaw didn’t always agree with him, but knew that Ric was fair in the end. Ric was sometimes referred to as the Corp’s “Air Force engineer”. He loved working Air Force projects and loved Middle Georgia. Though offered assignments to other locations to advance his career, Ric turned them down to remain in this area. He was well respected by the Senior Leadership within the Corps and Robins AFB and was routinely consulted for his insights regarding the construction program.

Ric also had a passion about SAME. He saw SAME’s mission as one where the field of engineering (all types) was advanced through continuing education, networking, and mentoring. In the late 1990s the Robins SAME Post was on the verge of dissolution. Ric and a couple of key engineers and sustaining members on Robins decided to revive the Post. As any construction engineer knows, you must build a solid foundation first to enable those that follow the ability to build on top of it. Ric had the vision and drive to make it happen; and he did. Through the hard work of those who followed Ric and his consultation as an Executive Director, the Post is now one of the most financially sound Posts in the Society. The Post had approximately $500 in resources in 1996; it now has approximately $100,000. Two $2,500 scholarships are now given out each year to deserving high school graduates who want to pursue engineering as their passion. Contributions to fund engineering camps for other high school students are made each year along with key community projects here in Warner Robins.

Continuing education programs are presented at monthly meetings during the course of the year to keep engineers abreast of the advancements in engineering and Post memberships are at an all-time high for individual engineers and sustaining members to facilitate networking opportunities. Mentoring young engineers is also a program of SAME.

In remembrance of Ric Powers along with all that he has accomplished and left behind, we should continue the momentum that he built so many years ago when he was first trying to revive the Post from its almost dormant state. Which one of us will step up to mentor fellow engineers or become a SAME Fellow to pick up where Ric left off with the same passion and love of engineering?

Ric will be sadly missed. For those who truly knew Ric Powers, none would dispute that Ric continues his oversight of the military’s needs and projects from heaven.
Sustaining Member Firms

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Are you with a Sustaining Member Firm?
If you would like to become one, or if you are not sure of your company’s registration status, please contact Mr. Paul Koch, our Sustaining Member Director, at 478.923.5999 or pdkoch@mactec.com.

Accepting Abstracts
We are currently accepting abstracts for presenters and Presentations in 2011. Let us know what presentation topics or presenters would most interest you. We want to know what is important to you. Please contact Mr. Ken Branton at kenneth_branton@urscorp.com with feedback or for more information.