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○ March 2016

○ www.samerobins.org

THE FLYER



Newsletter of the Robins AFB Post: Society of American Military Engineers

President's Corner

If you have not yet read the January-February 2016 SAME magazine, The Military Engineer, I would encourage you to take a few minutes and at least look at a few articles, get updated on what our members are doing, get updated on major federal government contracts, and read through the 2020 SAME Strategic Plan. When you look at the Strategic Plan, hopefully you will recognize that the plan is not just written from a national level perspective. Most of it applies to even a small Post like our Robins AFB Post. There are relationships that we as a Post and as individual members need to improve upon, there are a multitude of leadership and mentoring opportunities right around us as a Post and at our offices, there are needs and opportunities to fulfill those needs and wants alike for professional development and personal growth, and there is always the greater need to enhance our nation's security and installation/facility/utility system resilience. If you are careful, you might actually find ways to meet one or more of these objectives by reading the plan.



I have written before about the importance and value that a professional society provides us as members, both individual members and sustaining member firms alike. If you are reading this and realize that you are not a member, you are missing out! SAME continues to plan and provide opportunities to meet all of our goals and objectives, either those laid out in the Strategic Plan, or our own personal and professional growth, but like most opportunities, they are only good if you reach out and take hold of them. So take a good look at what SAME can provide and take a good look at this Flyer for upcoming events. If there is something that you would like to see in terms of a technical or non-technical presentation, let us know. If there is some type of social event you would like to participate, let us know (yes we can have some fun too!), or if there is some

community support or STEM activity that we can help out with, just let us know, and if there is some SAME event that you would be interested in taking part in, just let us know. Be a better engineer or scientist by getting involved.

See you around the Post!

SAME National Focus Areas

1. Ensure Vibrant and Value Added Programs—Create Value for All
2. Support STEM—Share Your Passion, Grow Your Replacement
3. Focus on Veteran Transitions—Help 6,000 military transition from Service over the next 4 years

Thanks,
Mike Coats

Preview of March 2016 SAME Presentation. This presentation will be given by Mr. Andy Abrams of Control Dynamix and is scheduled for Wednesday, March 16th.

Building Management Systems (BMS) offer facility professionals tools to control the operation of the electromechanical systems in their buildings. Traditionally, these tools focused on scheduling, displaying current values, trending historical values, and alarming. Skilled operators have used such systems for years to effectively control comfort and energy. However, more complex systems, increased time pressure, employee turnover, and the push for energy efficiency now require more advanced toolsets. New software and hardware tools now make it possible to implement systems that can analyze equipment operation and provide specific predictive suggestions.

This presentation will provide an overview of how such systems operate, the steps for implementation, and some of the challenges that prevent successful operation. Examples of new tools will be discussed along with the challenges that prevent successful implementation of analytic systems.



Presenter's Bio

Andy Abrams is the founder and Principal Consultant of Control Dynamix, a design firm that delivers custom energy management and building controls platforms based on Tridium's Niagara platform for the commercial and industrial real estate, healthcare, educational and related industries. Mr. Abrams' practice focuses on applying off-the-shelf technology to develop innovative control and energy management solutions.

Mr. Abrams has over 35 years' experience in building systems, commercial construction, real estate development and manufacturing. He earned a BS in Electrical Engineering and a BA in English from the University of Notre Dame in 1983, and an MBA from Emory University in 2005.

SAME Spotlight: Member of the Month

Mr. Robert J. Staib is the Chief, Civil Engineer Division and the Deputy Command Civil Engineer at HQ AFRC. He oversees installation assets at nine primary and 57 tenant locations comprising a \$6.7 billion plant replacement value and is responsible for the execution of \$1.41B MILCON and \$1.57B Facilities Sustainment, Restoration, and Modernization programs. He leads a staff of 62 military and civilian professionals meeting the engineering needs of command's 3 numbered air forces, 35 wings, 10 independent groups and various mission support units.

Bob has served in Government Civil Service for nearly seven years after completing 28 years of active duty military service in the USAF, all in the Civil Engineer career field. He has held SAME post positions as President of the Frontier Post in Cheyenne, WY and chaired the Emergency Preparedness & Infrastructure Resiliency Committee at the Virginia Peninsula Post at Langley AFB, VA for six years. He joined the Robins AFB SAME Post in June 2015.

Bob and his wife of 32+ years, Connie, have three children; Lisa, Joey and Curtis, and two grandchildren; JJ and Luca, ages 5 & 2. Bob's an avid golfer and sports enthusiast and a proud Penn State graduate!



The next Robins Post General Meeting will be held on **16 March 2016 at 11:30 am**. The meeting will be held **OFF BASE** at our usual location, the China Buffet (605 Russell Parkway, Warner Robins 31088). All are welcome.

UPCOMING DATES FOR 2016:

16 March: 1130 Hours: SAME General Meeting immediately preceded by SAME Robins Post Board/Officer's Meeting. Presentation will be given by Control Dynamix on The New Tools and Challenges for BMS Data Analytics.

20 April: 1130 Hours: SAME General Meeting immediately preceded by SAME Robins Post Board/Officer's Meeting. Presentation will be given by Clark-Nexsen.

22 April: Earth Day Golf Tournament at Pine Oaks Golf Course.

18 May: 1130 Hours: SAME General Meeting immediately preceded by SAME Robins Post Board/Officer's Meeting. Presentation will be given by the Redevelopment Agency & Economic Development office of the City of Warner Robins.

REMINDER: Summer EGR Camp Applications are due 01 April and College Scholarship applications are due 08 April! How can your future engineer can sign up for these? Visit our website at samerobins.org for more information.

SAME MISSION

"To provide education and support to the engineering components of the military and uniformed services, and other federal, state and local government agencies responsible for the nation's infrastructure, and to advance the partnership between government and the architecture, engineering and construction industry in the interest of national security."

SAME VISION

"To be a premier global engineering organization leading the professional and personal growth of all members in support of military readiness and development of solutions to national security challenges."

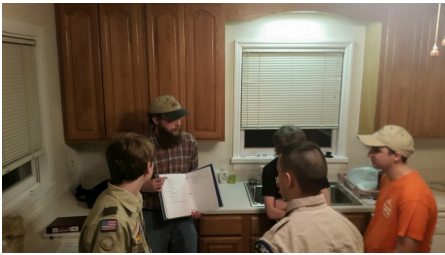
New Scout Hut for Troop 220!

The Boy Scouts (Troop 220) and Cub Scouts (Pack 220) that are sponsored by the SAME Robins Post have just moved into a new on-Base meeting location, a.k.a. Scout Hut. The Scouts had previously been meeting in Bldg 991 for about three years until the recent move. Bldg 991, an obsolete portable classroom, is slated for demolition in the coming months and the Scout groups had really already outgrown the two-room building anyway. Base CE worked diligently for over a year to relocate the Scout units, so their meeting schedules would not be disrupted.

The new location is a previous base housing residence, 415 Officer's Circle West. The eight room home, with single car garage, carport and storage



building offers both Scouting groups room to grow along with ample storage for bulky camping gear and other scouting essentials. The new facility is a great fit; it was built in 1942 and is on the State Historic Preservation List. For it to meet current Air Force mission requirements, a good deal of work would be required. As it is historic house, the Base is discouraged by the State from doing anything that would change the character of the house. It seems fitting that a historic organization, such as the scouts (who have met on Base since 1952), be charged with utilizing and preserving this historic facility. The Troop currently has about 20 rostered youth members and 5 adult leaders while the Pack has about 35 rostered youth members and approximately 8 adult leaders. The Units truly appreciate all the support provided by the SAME Robins Post.



Sustaining Member Spotlight:



Founded in 1992, Raymond Engineering provides a full range of building envelope engineering services to a variety of governmental and commercial clients throughout the United States. In 2015, Raymond Engineering expanded its services to include service structural engineering and architecture. Our team includes licensed professional civil and structural engineers (PEs), registered architects (AIAs), registered roof consultants (RRCs), registered roof observers (RROs), registered exterior walls consultants (REWP), LEED AP personnel, certified thermographers and OSHA certified personnel.

Many of our projects have included historic renovations where we have worked diligently to maintain the historic integrity of the buildings while improving the function for today's world. Our services include:

Architectural Master Planning
Building Analysis
Structural Analysis and Design
Building Envelope Testing

Architectural Programming/Space Planning
Architectural/Building Envelope Design
Construction Management
Quality Assurance Inspections

Litigation Support
Asset Management



Raymond Engineering is a verified Service Disabled Veteran Owned Small Disadvantaged Business and a SBA 8(a) contractor with offices in Conyers and Savannah, GA, Raleigh, NC and Greer, SC. For more information, please visit our website at: www.raymondllc.com

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SAME Robins Post Sustaining Member News

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. Ervin Walker, our Membership Director at: ervin.walker@aecom.com.

Accepting Abstracts

We are accepting abstracts for presentations for 2016. Let us know what presentation topics, presenters, or tour ideas would most interest you. We want to know what is important to you. Please contact Mr. Joe Ballard at: joe.ballard.1@us.af.mil with feedback or for more information.