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○ January 2013

○ [www.samerobins.org](http://www.samerobins.org)

# THE FLYER



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

*Preview of January 2013 SAME Presentation, entitled "Blast Protection Design". This presentation will be given by Mr. Rob Philips of Pruitt, Eberley, Stone INC.*

## Blast Protection Design

This presentation will focus on Architectural concerns when dealing with blast or accidental chemical explosions for new or existing structures and when those structures should or have to be protected. Department of Defense (DOD) and General Services Administration (GSA) projects that require progressive collapse will also be discussed. Learning objectives include the following:



1. Learn the history of terrorist blasts and chemical explosions
2. Understand what is involved in Blast and Chemical Explosion Design
3. Understand what types of projects are required to meet certain blast or chemical explosion criteria
4. Understand the principles behind Progressive Collapse
5. Understand what types of projects are required to meet Progressive Collapse design requirements



## Time for the 2013 Election!

Elections will be held on 16 January at our regularly scheduled meeting. Come out to the meeting to vote on your 2013 board!

It's a new year and that means if you are a member of the Robins Post, you are eligible to vote on our new officers for 2013! Here is a list of the positions that will be up for election:

- President
- Vice President
- Treasurer
- Secretary
- Assistant Secretary
- Senior Enlisted Advisor
- Director, Programs
- Co-Director, Programs
- Alternate Senior Enlisted Advisor
- Director, Finance
- Director, Education & Mentoring
- Director, Sustaining Membership

## Presenter's Bio: Rob Phillips



Rob Phillips, P.E., LEED AP BD+C currently serves as a Project Manager with PES Structural Engineers. His experience includes 11 years in the structural design of Federal Government projects with the Department of Defense, General Services Administration, Department of Veterans Affairs and the U.S. Army Corps of Engineers, as well as State and Local Government projects, mixed use developments, hotels, office buildings, retirement facilities, condominiums, apartments, banks, retail, medical, educational and structural renovations / additions. Using UFC/TM manuals, Rob has provided blast mitigation and appropriate stand-off distances for new structures, as required by the Statement of Work. He is a member of the National ASCE/SEI Blast, Shock and Impact Committee of the Technical Administrative Group on Dynamic Effects and is a **LEED Accredited Professional** by the U.S. Green Building Council.

## SAME Spotlight: Member of the Month

Mr. Doug Nation has over 37 years of combined experience as a professional engineer in the Georgia Tech Research Institute, and the Department of the Air Force and DoD. He has conducted research and development, test and evaluation, acquisition, and sustainment of conventional weapons, electronic combat, and tactical electronic reconnaissance and C4ISR systems. He served in the Office of the Secretary of Defense as a Special Assistant for DoD T&E policy and Major Range and Test Facility Base oversight. His assignments include multiple strategic realignment studies of the DoD's research, development, acquisition, test and evaluation, and sustainment capabilities.



Mr. Nation currently serves as a Principal Research Engineer with the Electronic Systems Laboratory (ELSYS), one of 8 GTRI labs. He is the former Technical Director and Chief Engineer of the Electronic Warfare/Avionics Division of the Aerospace Sustainment Directorate, Warner Robins Air Logistics Center, Robins Air Force Base, GA. Prior to this assignment, he was Chief of the Systems Engineering Division at the Warner Robins ALC. His previous assignment was as the Technical Director of the 728th Armament Systems Group at the Air Armament Center, Eglin AFB, FL, providing technical direction and oversight of the Air Force Aerial Targets, Miniature Air Launched Decoy, and Lethal SEAD programs. He entered civil service with the Department of the Air Force in 1975 as an electronics engineer in the Munitions Test Division at Eglin. His T&E experience includes conventional weapons, electronic combat, tactical electronic reconnaissance, and C4ISR systems. Doug advanced through the test and evaluation engineering and management ranks to the position of Technical Advisor of the 46th Test Wing at Eglin, then crossed over into Weapon Systems Acquisition. He served in the Office of the Secretary of Defense as a Special Assistant for DoD T&E policy and Major Range and Test Facility Base oversight. His assignments included multiple strategic realignment studies of the DoD's research, development, test and evaluation, and acquisition capabilities.

## *SAME Mission*

*"To promote and facilitate engineering support for national security by developing and enhancing relationships and competencies among uniformed services, public and private sector engineers, and related professionals."*

## *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."*

The next Robins Post General Meeting will be held on **16 January 2013 at 11:30 am**. The meeting will be held at China Buffet on Russell Pkwy. All are welcome.

## UPCOMING DATES FOR 2013:

**16 January:** 1130 Hours: SAME General Meeting immediately preceded by SAME Robins Post Board/Officer's Meeting.

**Elections** will be held at this meeting and Pruitt, Eberley, Stone, Inc will be giving a presentation on Blast Protection Design at the China Buffet (608 Russell Parkway, Warner Robins, GA 31088)

**17-23 February:** 2013 National Engineer Week

**20 February:** 1130 Hours: SAME General Meeting immediately preceded by SAME Robins Post Board Meeting. URS will be giving a presentation entitled, "Industrial Energy Efficiency and Combined Heating and Power".

# Post Officers

## President

Nicholas Desport, Col (Ret) USAF  
[ndesport@same.org](mailto:ndesport@same.org)  
(478) 327-1100

## Vice President

Mr. Mike Coats  
[michael.coats@aecom.com](mailto:michael.coats@aecom.com)  
(478) 329-8870

## Secretary

Ms. Esther Lee-Altman  
[esther.lee-altman@us.af.mil](mailto:esther.lee-altman@us.af.mil)  
(478) 327-9271

## Assistant Secretary

Ms. Casey Lucas  
[casey.lucas@aecom.com](mailto:casey.lucas@aecom.com)  
(478) 329-8870

## Treasurer

Mr. James Griffin  
[JGriffin@geosyntec.com](mailto:JGriffin@geosyntec.com)  
(478) 328-6181

## Senior Enlisted Advisor

CMSgt Patrick Ferrell  
[patrick.ferrell@us.af.mil](mailto:patrick.ferrell@us.af.mil)  
(478) 327-1084

## Alternate Senior Enlisted Advisor

SMSgt Andy Weeks  
[andy.weeks@us.af.mil](mailto:andy.weeks@us.af.mil)  
(478) 327-1096

## Executive Directors

Ms. Nancy Manley; **Membership**  
[nancy.manley@robins.af.mil](mailto:nancy.manley@robins.af.mil)  
(478) 327-2900

## Directors

Mr. Ken Branton; **Programs**  
[Kenneth.branton@urs.com](mailto:Kenneth.branton@urs.com)  
(678) 808-8907

Ms. Laurel Cordell; **Programs**

[laurel.cordell@robins.af.mil](mailto:laurel.cordell@robins.af.mil)  
(478) 327-9275

Lt Col Craig Johnson; **Education & Mentoring**

[craig.johnson.1@us.af.mil](mailto:craig.johnson.1@us.af.mil)  
(478) 327-1050

Mr. Joe Ballard; **Emergency Preparedness**

[joe.ballard.1@us.af.mil](mailto:joe.ballard.1@us.af.mil)  
(478) 327-1034

Mr. Shawn Politino; **Emergency Preparedness**

[shawn.politino@us.af.mil](mailto:shawn.politino@us.af.mil)  
(478) 327-1023

Mr. Kevin Long; **Financials**

[kevin.long@robins.af.mil](mailto:kevin.long@robins.af.mil)  
(478) 926-7301

Mr. Steve Hvizdzak; **Events/Small Business**

[steve.hvizdzak@tepa.com](mailto:steve.hvizdzak@tepa.com)  
(478) 922-7751

Mr. Art Warner; **Sustaining Memberships**

[arthur.warner@amec.com](mailto:arthur.warner@amec.com)  
(478) 923-5999

Ms. Becky McCoy; **National Liaison**

[becky.mccoy@robins.af.mil](mailto:becky.mccoy@robins.af.mil)  
(478) 327-9287

# Sustaining Member Firms

## AECOM

Mike Coats; [michael.coats@aecom.com](mailto:michael.coats@aecom.com)  
(478) 329-8870 / Fax 329-1062

## AMEC

Art Warner; [arwarner@mactec.com](mailto:arwarner@mactec.com)  
(478) 923-5999 x15 / Fax 923-5776

## Applied Engineering Solutions

Pedri Camejo; [pcamejo@AES-pe.com](mailto:pcamejo@AES-pe.com)  
(478) 314-1270 / Fax 314-1271

## ARCADIS US

Roberta Perry-Schlicher; [roberta.schlicher@arcadis-us.com](mailto:roberta.schlicher@arcadis-us.com)  
(386) 338-2682 / Fax 263-2746

## Atkins North America

Nate Berger; [nathaniel.berger@atkinsglobal.com](mailto:nathaniel.berger@atkinsglobal.com)  
(678) 247-2643 / Fax (770) 226-0967

## CAPE, Inc.

John Thomas; [jthomas@cape-inc.com](mailto:jthomas@cape-inc.com)  
(210) 360-1212 / Fax 377-2111

## CEMS Engineering

Hugh Gigglesman; [hgigglesman@cemsengineering.com](mailto:hgigglesman@cemsengineering.com)  
(843) 875-3637 / Fax 875-4509

## CH2M Hill

Frank Miyagawa; [frank.miyagawa@ch2m.com](mailto:frank.miyagawa@ch2m.com)  
(850) 939-8300 x42 / 939-0035

## Clark Nexson (Macon Office)

Clint Hardie; [hardiec@technicon-pe.com](mailto:hardiec@technicon-pe.com)  
(478) 743-8415 / Fax 743-8239

## Columbia Engineering

Louis Young; [lyoung@columbia-engineering.com](mailto:lyoung@columbia-engineering.com)  
(770) 925-0357 / Fax 925-0565

## CTI and Associates, Inc.

Kathy Chaffin; [kchaffin@cticompanies.com](mailto:kchaffin@cticompanies.com)  
(251) 545-8427 / Fax n/a

## Davis & Floyd Inc.

Jason Eppley; [jeppley@davisfloyd.com](mailto:jeppley@davisfloyd.com)  
(864) 229-5211 / Fax 229-7841

## Donaldson, Garrett & Associates, Inc.

Elaine Hollis-Prichard; [esh@dg-a.com](mailto:esh@dg-a.com)  
(478) 474-5350 / Fax 477-2534

## Eaton Corporation

Adam Byrd; [adamrbyrd@eaton.com](mailto:adamrbyrd@eaton.com)  
(678) 309-4235 / Fax n/a

## F3 Solutions

Parrish Swearingen; [parrish@f3now.com](mailto:parrish@f3now.com)  
(478) 335-9460 / Fax 971-1344

# Sustaining Member Firms

## Flint EMC

F. Ronnie Sanders; [rsanders@flintemc.com](mailto:rsanders@flintemc.com)  
(478) 988-3500 / Fax n/a

## Geosyntec Consultants

James Griffin ; [jgriffin@geosyntec.com](mailto:jgriffin@geosyntec.com)  
(478) 328-6181 / Fax 929-5120

## Geotechnical & Environmental Consultants

Thomas Driver; [tdriver@geconsultants.com](mailto:tdriver@geconsultants.com)  
(478) 757-1606 / Fax 757-1608

## Gulf Coast Architectural Group, Inc.

Don Carlos; [don@gcarchgroup.com](mailto:don@gcarchgroup.com)  
(850) 607-7328 / Fax 332-7255

## Ikhana, Inc.

Bob Pickard; [robert.pickard@ikhainc.com](mailto:robert.pickard@ikhainc.com)  
(843) 364-6828 / Fax (202) 449-9840

## Jacobs

Hollie Dupes; [hollie.dupes@jacobs.com](mailto:hollie.dupes@jacobs.com)  
(770) 673-6635 / Fax 673-6681

## Landmark Engineering Group, Inc.

Mike Shamsie; [mike.shamsie@landgroup.biz](mailto:mike.shamsie@landgroup.biz)  
(309) 755-3400 / Fax 755-5522

## Leo A Daly

Edward Piekarczyk; [EPiekarczyk@leoadaly.com](mailto:EPiekarczyk@leoadaly.com)  
(404) 874-8333 / Fax 874-8830

## Merrick & Company

Douglas Elledge; [douglas.elledge@merrick.com](mailto:douglas.elledge@merrick.com)  
(404) 739-5100 / Fax 739-5101

## New South Construction Company

Thomas N. Troutman; [ttroutman@newsouthconstruction.com](mailto:ttroutman@newsouthconstruction.com)  
(404) 443-4000 / Fax 443-4100

## Ocmulgee Site and Environmental Services, Inc.

Wesley Woods; [lwoods@ocmulgeesite.com](mailto:lwoods@ocmulgeesite.com)  
(478) 224-7070 / Fax 224-7072

## Parrish Construction Group

M. Scott Hill; [shill@parrishconstruction.com](mailto:shill@parrishconstruction.com)  
(478) 476-0385 / Fax 987-5536

## Pond & Company

John Cassidy; [cassidyj@pondco.com](mailto:cassidyj@pondco.com)  
(678) 336-7740 / Fax 336-7744

## Porter Scientific Inc.

Freda Porter; [fporter@porterscientific.com](mailto:fporter@porterscientific.com)  
(910) 521-0549 / Fax 521-3599

## Reeves Construction Company

Steve Kichefski; [skichefski@southeastpavement-services.com](mailto:skichefski@southeastpavement-services.com)  
(478) 474 9092 / Fax 474-9192

## Superior Solar Systems LLC

Jeff Ball; [jeff.ball@superiorsolar.com](mailto:jeff.ball@superiorsolar.com)  
(707) 695-5454 / Fax (866) 699-9852

## TEPA EC, LLC

Steve Hvizdzak; [steve.hvizdzak@tepa.com](mailto:steve.hvizdzak@tepa.com)  
(478) 922-7751 / Fax 922-7925

## TetraTech, Inc.

Scott Covode; [scott.covode@tetratech.com](mailto:scott.covode@tetratech.com)  
(678) 775-3108 / Fax 775-3138

## Toland & Mizell Architects

Alan Toland; [atoland@toland-mizell.com](mailto:atoland@toland-mizell.com)  
(404) 343-3500 / Fax 577-6240

## TRC Solutions

LC Campbell; [lcampbell@trcsolutions.com](mailto:lcampbell@trcsolutions.com)  
(478) 955-9980 / Fax 971-1398

## URS Corporation

Ken Branton; [kenneth\\_branton@urscorp.com](mailto:kenneth_branton@urscorp.com)  
(678) 808-8907 / Fax 808-8400

## Weston Solutions, Inc.

Hilton Culpepper; [hilton.culpepper@westonsolutions.com](mailto:hilton.culpepper@westonsolutions.com)  
(478) 875-3693 / Fax 875-3693 (same)

## Wolverton and Associates, Inc

Theo Stone; [theo.stone@wolverton-assoc.com](mailto:theo.stone@wolverton-assoc.com)  
(770) 447-8999 / Fax 447-9070

## 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. Art Warner, our Sustaining Member Director, at 478.923.5999 ext 12 or at [arthur.warner@amec.com](mailto:arthur.warner@amec.com).

### Accepting Abstracts

We are currently accepting abstracts for presenters and Presentations in 2013. 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](mailto:kenneth_branton@urscorp.com) with feedback or for more information.