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○ MARCH 2011

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# THE FLYER



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

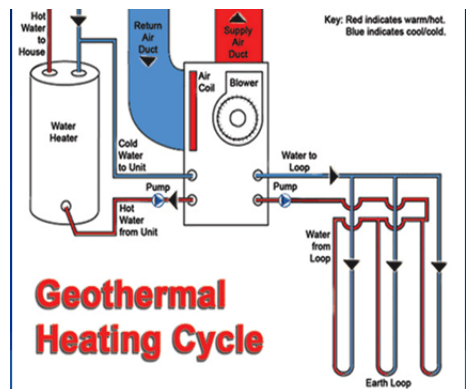
*Preview of March 2011 SAME Presentation, entitled “Geothermal Heat Pump Seminar”. This presentation will be given by Chuck Hammock of Andrews, Hammock, & Powell, Inc.*

## Geothermal Heat Pumps

This seminar will provide a solid background on the fundamentals of Geothermal Heat Pumps (GHP) and will give the audience a thorough understanding of how GHP systems operate, why their use is increasing rapidly and why they offer superior performance to traditional HVAC systems, both operationally and in environmental performance.

Middle Georgia offers ideal conditions for these GHP systems and a real life, local example that will be highlighted in this seminar is the Hybrid GHP system that AH&P designed for Ft. Benning.

Mr. Chuck Hammock will also explain how advance GHP systems could potentially be used as Underground Seasonal Thermal Energy Storage (USTES), which could make GHPs not only an “energy efficient” technology, but a truly remarkable renewable energy technology like PV or Wind Power.



## 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](mailto:esther.lee@robins.af.mil)) if you would like to attend the meeting.

Please submit your request by March 14th, 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.

## Presenter's Bio: Chuck Hammock



During the past 30 years, Chuck Hammock has been extensively involved in the engineering of mechanical HVAC systems for governmental, industrial, commercial and institutional clients and facilities throughout the United States and beyond. His specialty and passion in the HVAC systems arena is centered on innovative deployments of Geothermal Heat Pump (GHP) systems for governmental, institutional, and commercial clients. He is one of the three founders of Andrews, Hammock and Powell, Inc., a Consulting Engineering firm established in 1988 and located in Macon, GA.

For the last five years Chuck has served as the Principal-in-Charge, Project Manager and Department Head for the Geothermal Engineering, HVAC, Commissioning and Industrial departments at AH&P. Projects have included both conventional (full) Geothermal and hybrid applications. He has been involved with the International Ground Source Heat Pump Association (IGSHPA) and successfully passed their Certified Geothermal Designer (CGD) exam and accordingly is one of a few Professional Engineers (PE) in the US or Internationally that also holds the CGD credential. His is actively involved with the American Ground Water Trust (AGWT) in their pursuit of insuring GHPs are deployed around the country in a responsible manner. He lectures around the country for AGWT on the Fundamental of GHP systems. In 2010, he was nominated and elected to serve on their national Board of Directors, a position he gratefully accepted.

## SAME Spotlight: Member of the Month

Mr. Donald (Don) Sherrill graduated in 1979 from Southern Polytechnic State University, Marietta, Georgia, with a Bachelors degree in Civil Engineering Technology. He is a certified Level II Design Professional, a certified NPDES Level IA, IB and II Instructor for the Georgia Soil and Water Conservation Commission, and is certified by the National Council of Examiners for Engineering and Surveying. He currently holds Professional Engineering licenses in Georgia, Alabama and North Carolina and Land Surveying licenses in Georgia, Alabama and Florida. Don has been an active member of the Council for Quality Growth, Gwinnett Chamber of Commerce, Society of American Military Engineers (SAME), and the American Society of Civil Engineers. He is a managing partner for Columbia Engineering in Duluth, GA and is responsible for the expansion of the Federal and Educational sectors.



While considering Warner Robins as his hometown (his Father retired at RAFB in 1971), Don resides in Dacula, Georgia, with his wife and children. He and his son are active in the Boy Scouts of America and the family enjoys outdoor activities such as golf, camping, backpacking and hunting.



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

### Upcoming Dates in 2011

**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.

**14 April:** 1130 hours: SAME Earth Day Golf Tournament at the Pine Oaks Golf Course. Interested in signing up your team to play or maybe you would like to sponsor a hole? Please contact Laurel Cordell (laurel.cordell@robins.af.mil) for more information.

**18 May:** 1300 hours: Joint Robins AFB Operational Tour with the Georgia Society of Professional Engineers. Tour Destination TBA.

**15 June:** 1130 hours: SAME General Meeting immediately preceded by the SAME Robins Post Board/Officer's meeting. A presentation entitled, "AFRC Program Review" will be given.

## 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 2010 Financial Report

As a non-profit organization, SAME Robins Post gives back to the Base and the surrounding community through promoting engineering educational opportunities, supporting the local military members and families, and by providing charitable donations to worthwhile causes throughout the year.

The Post receives income through two main sources: one is through a portion of Post dues, which is returned to the Post by SAME National; the other is through local fundraising efforts. The two fundraisers that the Post sponsors each year are the golf tournaments, one for Earth Day and the other in October, that help provide needed funding to the Education and Mentoring Fund. This Fund supports two annual \$2,500 college scholarships plus a student campership to one of the SAME Engineering and Construction Summer Camps each year.

The Robins Post also shows support for deployed service members annually by donating funds to the 116th Unit Advisory Committee. The Post is a registered Community Partner with the Air Force Association (AFA) —Carl Vinson Chapter. SAME Robins Post was also able to contribute financially to the 2010 World Champion Warner Robins Little League Softball Team, the Earth Day awareness activities on Robins AFB and the National Society of Professional Engineers, Mathcounts competition for area middle school students.

If you have any questions or would like to provide input to the Post regarding worthwhile community teaming opportunities, please feel free to contact any Post leader with your idea. See the next page for a breakdown of where we spend our money last year.



## Sustaining Member Spotlight:



F3 Solutions is a Woman Owned Small Business that offers a professional team with almost 100 years of advanced, reliable Air Force experience. We partner with your team to ensure efficient program management/effective project execution and are dedicated to leveraging your investments and continuously

maximizing value. F3 Solutions offers a wide range of services:

- **Environmental Engineering:** Compliance, Pollution Prevention, Conservation, Restoration, and Occupational Health & Safety
- **Energy Management:** Optimization, Risk Management, Auditing & Reporting, Innovative Technology, Process Automation, Waste Planning
- **Information Technology:** Knowledge Management, GIS/CADD, Asset Mgmt, Policy Strategy, Configuration Mgmt, and Base Planning
- **Logistics:** Life Cycle Management, Lean Implementation, Sustainability Services, Strategic Planning, Construction Mgmt, and Traffic Control



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Please visit our website for more information at [www.f3now.com](http://www.f3now.com).

# Robins Post Supports the Boy Scouts

Robins SAME Post has been an important part of Robins AFB since its establishment in 1964 (National SAME organization formed in 1920). 91 years nationally and 47 years locally are impressive stats but SAME Robins has just joined forces with an even older organization, the Boy Scouts of America. The Boy Scouts of America was nationally chartered in 1910 and locally scouting has been a fixture on Robins AFB since 1956, when Cub Scout Pack 220 was first chartered.



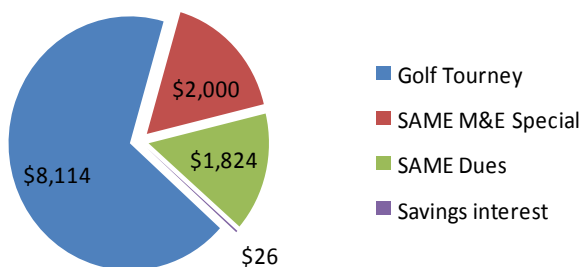
The Boy Scouts of America is the nation's foremost youth program of character development and values-based leadership training. Scouting's goals are:

- Offer young people responsible fun and adventure;
  - Instill in young people lifetime values and develop in them ethical character;
  - Train young people in citizenship, service, and leadership;
- Serve America's communities and families with its quality, values-based program.

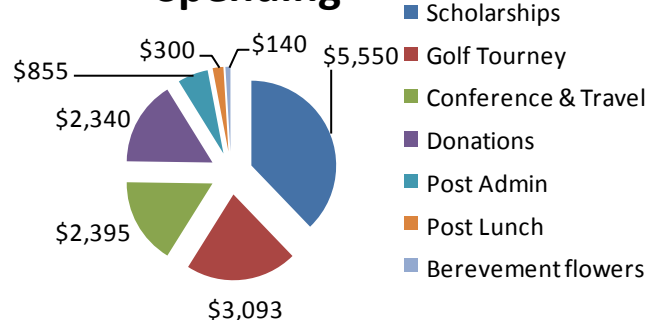
Through the years, as many as 4 separate scout units were chartered on Robins AFB. With changes in base population and competing youth activities (sports, school, clubs, etc), 55 years later Pack 220 (elementary school aged boys) and Troop 220 (middle and high school aged boys) are the only units left on Base. In December of 2010, those remaining units were in danger when the organization sponsoring them decided not to renew the charter. That is when, seeing the natural mentoring relationship that could develop between the Boy Scouts of America and SAME Robins Post, the Post stepped in to renew the scouts' charters and keep them active.

As the Charter Organization, SAME acts as a liaison between the Base and the Scout Units. We will continue to coordinate the units meeting place on Base with the Air Base Wing (currently at 504 B Chief's Circle), SAME Robins pays a small, yearly charter fee (\$20/unit) and SAME appoints a Charter Organization Representative (Griff Cox) to help coordinate and enhance joint activities. SAME Robins Post will be looking for opportunities to create synergy this year between the units. Maybe there is a service project that SAME can get the scouts involved in like Earth Day cleanups on base or there may be opportunities where SAME members could get involved in teaching merit badges to scouts such as Architecture, Aviation, Energy, Engineering or any of the other 120 plus merit badges. If you want to find out more about Troop or Pack 220 or to volunteer ideas, your time, materials or monetarily; please feel free to contact Griff Cox. Above is a picture of Boy Scout Troop 220 with their Scoutmaster, Col. Ozzie Gorbitz of the Air Force Reserve Command, and his vintage World War 2 era armored car.

## 2010 Incoming Revenue



## Breakdown of Post Spending



If you would like more information on the Post's revenues and expenditures, please contact the Post Treasurer for more details.

# Post Officers

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## Treasurer

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## Senior Enlisted Advisor (VACANT)

## Executive Directors

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Ms. Nancy Manley; **Membership**  
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## Flint EMC

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## Porter Scientific Inc.

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## Reeves Construction Company

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## Superior Solar Systems LLC

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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. Paul Koch, our Sustaining Member Director, at 478.923.5999 or [pdkoch@mactec.com](mailto: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](mailto:kenneth_branton@urscorp.com) with feedback or for more information.