

# **SAE<sup>®</sup> Mid South Section**

## **MARCH 2007 NEWSLETTER**

### **Our Vision Statement**

**The Mid-South section will be the local leader to industry in promoting the advancement of the mobility community and will fulfill a mentorship role with the student members to develop future leaders.**

## **MARCH TOUR**

### **118<sup>th</sup> Air Lift Wing of the Tennessee National Guard**



Coming March 15, 2007, SAE Mid South Section will tour the 118<sup>th</sup> Air Lift Wing of the Tennessee National Guard. This Guard unit has a long history, stretching back to some of the earliest usage of aircraft in the First World War. After the war, the unit was designated an Observation Wing and served during the Second World War and Korean War for military reconnaissance. The wing was converted to airlift in 1961 and operated Boeing C-97G “Stratofreighter,” and the Douglas C-124C “Globemaster II until the introduction of the C-130 Hercules in 1971. Currently there are 16 C-130H models based at the Nashville International Airport, some of which are in use now to support ongoing homeland security operations and operations in Iraq or Afghanistan.

At the base, 16 Lockheed Martin built C-130H models are operated and maintained. These aircraft continually fly long missions from bases in the United States and from bases from around the world. A mission may include delivering supplies to difficult to reach locations, dropping supplies into mountainous regions, or delivering ground vehicles and/or weapons to US forces in Iraq or Afghanistan. While not overseas, these aircraft are used for training in the local area. The base is able to perform the majority of the maintenance needed for uninterrupted operations. Engine removal and overhaul, landing gear replacement, hydraulics, electrical system and many other repairs are performed on site.

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Sgt Baker will provide a tour of the maintenance hangar for the aircraft, engine shop and flight operations. The conditions of the tour will all hinge on the current operations required by our Military. We may see several aircraft or very few. We expect to see aircraft and engines in various stages of repair in the maintenance hangar. Sgt. Baker will be able to describe equipment on hand and the status of any such repairs. In flight operations we will see the unclassified equipment used to plan missions and Sgt. Baker will walk us through the process that pilots use for planning operations.

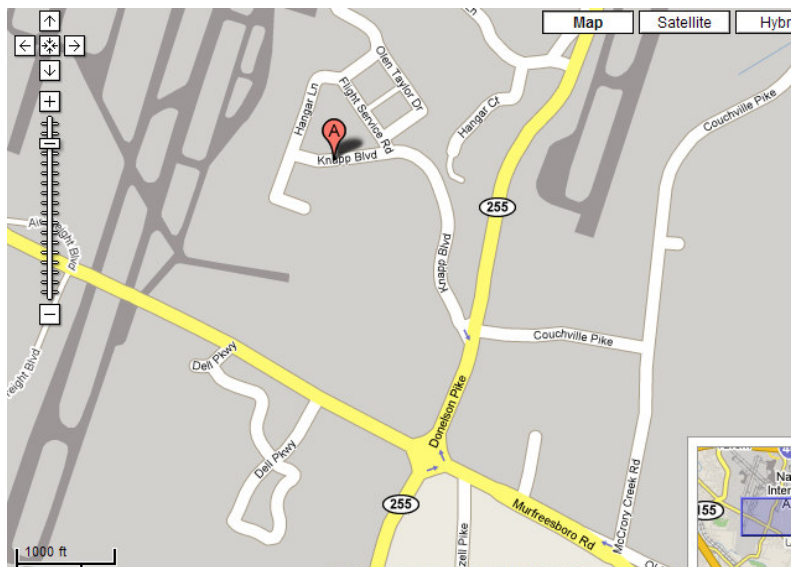
**Date:** Thursday, March 15, 2007  
**Time:** 5:00 PM Central Time  
**Place:** Air National Guard Base of the  
Nashville International Airport  
240 Knapp Blvd  
Nashville, TN 37217

**Contact:** Kevin Line  
[kevinline@yahoo.com](mailto:kevinline@yahoo.com)  
**Pricing:** No Cost for this Tour

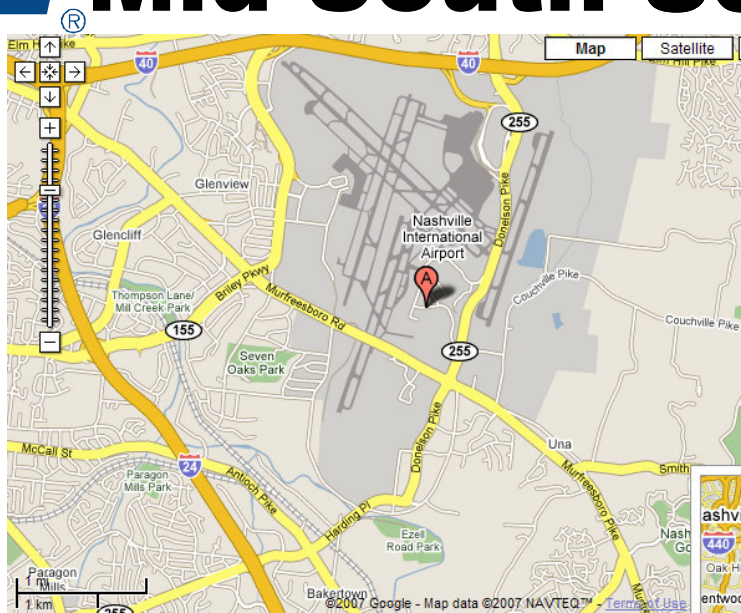
**RSVP Deadline: 5:00 PM March 7, 2007**  
**\*\*See Note Below**

## Directions

During the tour, we will gather at the front entrance of the ANG base near the Nashville International Airport. The maps below indicate the location, which is on Knapp Blvd. just off of Donelson Pike. Please send RSVP to [kevinline@yahoo.com](mailto:kevinline@yahoo.com) before March 7<sup>th</sup>. I will need to provide all of the names to our host prior to the event. **YOU WILL BE REQUIRED TO HAVE A PICTURE ID TO COME ONTO THE BASE.** We will gather at the front gate as indicated by the letter "A" on the maps below.



# SAE Mid South Section



## Spring Golf Tournament

Golfers and professional hackers (like me) take note!!!! SAE Mid South Section is hosting a golf scramble!!!

**DATE: Saturday. April 21, 2007**

**LOCATION: Pine Creek Golf Course. Mount Juliet, TN**

Go here for golf course information. <http://www.pinecreekgolf.net/>

Go here for full scramble information:

[http://www.midsouthsae.org/Golf/SAE\\_Golf2007.pdf](http://www.midsouthsae.org/Golf/SAE_Golf2007.pdf)

## 2007- 2008 Officer Nominations

It's that time of year again. SAE Mid South Section must elect new officers and have them in place to begin service on June 1, 2007. For more information about the suggested duties of an SAE Section Officer, go to <http://www.sae.org/globalsections/sections/documents/jobdescrip.pdf>. Though we do not currently fill all listed positions, we are a growing section and could expand the current structure of the board if we receive interest from qualified candidates. We will discuss this in our March Board Meeting to be held 3-1-2007. If you are interested in attending the March Board meeting or being involved with the SAE Board or serving as an officer, contact me at [kinslow@qualityind.com](mailto:kinslow@qualityind.com).

## Young Member Event

If you are in the segment of SAE Mid South Section membership that is under 37 years of age, you are considered a young member in this organization. We are planning an exclusive event for

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these members toward the end of this year. Send questions and inquiries about this event to [Doug@midsouthsae.org](mailto:Doug@midsouthsae.org). We are currently looking into the possibility of attending an SCCA Autocross event where our members will be allowed to test their driving skills in their own personal vehicle against the clock and a challenging course. We will publish the full details of this event when / if they materialize. For more information about the Tennessee Region of SCCA and / or Autocross racing go here <http://www.trscga.com/trscga/index.html> .

## **Chairman's Comments**

February has been the month for students.

To begin, thanks to all that came out for our annual student night and to Kevin Line for his efforts in organizing it. This year's event was A SUCCESS! I am told the Famous Dave's barbecue was mighty fine. It must have been because the pans had nothing but scraps left when I finished registering and accepting money from over 100 students, advisors, and board members that attended this event! In addition to reminders from Dr. Dale Wilson, David Ballard and me about the May 1-3, 2008 Baja East Event to be held on the campus of Tennessee Technological University, we heard nine student presentations from eight universities that were present at the event. The presentation contest yielded an atmosphere that was competitive and professional. As we all know SAE Baja and Formula students are some of the best engineering talent scheduled to hit the job market, most of the presentations were full of good information, powerful CAD graphics, and vibrant pictures explaining the progress these teams are making toward their upcoming race deadlines. CONGRATULATIONS TO THE UNIVERSITY OF TENNESSEE AT MARTIN BAJA FOR THEIR FIRST PLACE WIN AND MIDDLE TENNESSEE STATE UNIVERSITY BAJA FOR THEIR SECOND PLACE WIN IN THE CONTEST. Also please welcome David Lipscomb University and The University of Kentucky at Paducah to the growing SAE family.

Second, Doug Fleenor and I presented SAE Foundation AWIM projects to younger students in our area on 2-17-07 as they attended Adventure Science Center's kickoff to Engineering Week that goes from 2-18-07 to 2-24-07. We touched quite a few little minds and gave out a lot of information to parents in support of the AWIM program. It is very gratifying to see a child's eyes light up during the process of learning. We hope to do more with the AWIM program in this area and are waiting to see how the recent donation by Alcoa International that was announced in the March Edition of *SAE Update* will affect our section. Thank you to Alcoa International for donating over \$120,000 to be used in the AWIM programs in the Nashville, Tennessee and Cleveland, Ohio areas. If you are interested in learning more about the AWIM program go to <http://www.sae.foundation.org/awim/> . If you would like to help implement this program in our area, please contact Ron Childers ( [rchilders@paccar.com](mailto:rchilders@paccar.com) ) or me ( [kinslow@qualityind.com](mailto:kinslow@qualityind.com) ).

In closing, stay tuned to next month's letter as we will be traveling to Huntsville, Alabama for an interesting plant tour. We plan to do this as a joint tour with the newly formed SAE Alabama Section.