



*American Institute of
Aeronautics and Astronautics
Dayton-Cincinnati Section*

Dinner Meeting 18 November 2009

All Welcome!

Time

6:00 PM Social (Cash Bar)
7:00 PM Dinner
8:00 PM Presentation

Location

THE GOLDEN LAMB INN
27 S. Broadway Lebanon, OH
45036

Reservations

RSVP with dinner selection by
November 11th to Dr. Sivaram
Gogineni (937) 266-9570,
sivaram.gogineni@wpafb.af.mil

Dinner Menu

Grilled Pork chops with bourbon apples,
or

Baked half Chicken with herbed butter,
or

Baked Tilapia,
or

For vegetarians – Salad, vegetable Pasta
Alfredo and dessert.

All dishes come with a Garden Salad with
Chef's Dressing, homemade rolls with
apple butter, Fresh whipped Potatoes,
Chef's vegetable and Fruit Cobbler for
dessert.

**Please indicate menu selection
when making reservation**

\$25.00 Professionals
\$10.00 Students

Guest Speaker: Robert "Bob" Winn



Mistakes and Deceptions in Aircraft Accident Reconstructions

Abstract

After an airplane accident occurs, a lawsuit is sometimes filed. The plaintiffs and the companies being sued hire lawyers to help prosecute and defend against the lawsuit, and those lawyers often hire engineering experts to analyze the accident and explain to a jury what happened and why it happened. Often this analysis occurs years after the accident and uses such things as recorded radar data, wreckage and accident site inspection, and especially the laws of physics. In this presentation, I will describe the general approach that any good aircraft accident reconstructionist should follow. I will also give examples of mistakes and intentional deceptions that have been presented by experts in several accident investigations.

Background

Dr. Winn is a mechanical/aeronautical engineer, principal of the firm, and the Director of Colorado Operations for Engineering Systems Inc. (ESI). He retired from the U.S. Air Force in 1991 after a 22-year career. He was an instructor pilot in four different Air Force aircraft and served as Chief Scientist of the USAF European Office of Aerospace Research and Development in London, England. Dr. Winn spent over 15 years teaching aeronautical and mechanical engineering at the USAF Academy and Colorado Technical University. Dr. Winn has published over 60 technical papers, reports, and articles.

Non-Members that join AIAA that evening will be admitted for only \$5.00

Directions to THE GOLDEN LAMB INN

27 S. Broadway Lebanon, Ohio 45036

71 Cincinnati. 71 North to exit 28, state rt. 48, bear to the right following 48 North, 4 miles to rt. 123, turn left on 123, one mile on right, corner of Main St. and Broadway.

275 or 75 Cincinnati. 75 North to exit 29 (Monroe-Lebanon) turns into state rt. 63, turn right on 63, follow 6 miles on left, corner of Main St. and Broadway.

75 Dayton. 75 South to exit 29 (Monroe-Hamilton) rt. 63, go left on 63, 6 miles on left, corner of Main St. and Broadway.

