



**AMERICAN  
SOCIETY OF  
SAFETY  
ENGINEERS**

**GREATER  
CHICAGO  
CHAPTER**



[WWW.ASSECHGO.ORG](http://WWW.ASSECHGO.ORG)

November, 2003

**Greater Chicago Chapter Presents  
Using Information Proactively to Improve Safety  
Tuesday, November 18, 2003**

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**Speaker:** Christopher A. Hart is the Assistant Administrator for System Safety at the Federal Aviation Administration, and he was formerly a Member of the National Transportation Safety Board and Deputy Administrator of the National Highway Traffic Safety Administration. Mr. Hart has a law degree from Harvard Law School and a Master's Degree (magna cum laude) in Aerospace Engineering from Princeton University. He is a member of the District of Columbia Bar and the Lawyer-Pilots Bar Association. Also, he is a pilot with commercial, multi-engine, and instrument ratings.



**Presentation:** Using information proactively to avoid undesired outcomes has very broad applications with respect to both safety and security, and programs (such as the one Mr. Hart will describe from the aviation industry) are being developed in various industries. Please join us to learn how this approach can help improve safety within your organization/corporation. Refer to the abstract within this newsletter to learn more about the program that's spearheaded by Mr. Hart (Global Aviation Information Network), and check out the following website for even more information: [www.gainweb.org](http://www.gainweb.org).

**Meeting Information:**

Registration:	11:30am – 12:00pm
Luncheon:	12:00pm – 1:00pm
Presentation:	1:00pm – 2:00pm
Executive Committee Meeting:	2:00pm – 3:30pm

**Location:** Cucina Biagio's Restaurant {7500 W. Lawrence}

**Directions:** From downtown, take I-90 West (toward O'Hare) to the Harlem Avenue exit South. Go approximately 3 miles to Lawrence, turn West (right). Cucina Biagio's is on the South (left) side of Lawrence.

Advanced Registration	\$20.00
At the Door	\$25.00
Retired Members	\$10.00

**RSVP via e-vite or leave a message at 773-380-2353.**

## Revised Recordkeeping Forms Available Online

Beginning Jan. 1, 2004, employers must use OSHA's revised Form 300 (Log of Work-Related Injuries and Illnesses). To aid in that transition process, the agency has made the form available [online](#). The revised form includes various changes, including the addition of an occupational hearing loss column and more clear-cut formulas for calculating incidence rates.

And, remember—while there is no separate column for work-related injuries associated with ergonomic factors, employers must still record those injuries in either the injury or "all other illness" columns.

## OSHA Develops Matrix for Possible Terrorist-Related Workplace Emergencies

A new homeland security [matrix tool](#) is now available on OSHA's website to help employers with the planning and preparation for possible workplace emergencies caused by a terrorist's explosive device or act of arson. The *Fire and Explosion Planning Matrix* covers general aspects of fire prevention planning and suggests preparedness measures appropriate for workplaces in each of three risk zones. On-line resources are also included in the matrix.

# The Global Aviation Information Network (GAIN): Using Information Proactively to Improve Aviation Safety

## Office of System Safety, U.S. Federal Aviation Administration

### Abstract

The U.S. Federal Aviation Administration (FAA) proposed the Global Aviation Information Network (GAIN) as a voluntary, privately operated network of systems that collect and use aviation safety information about flight operations, air traffic control operations, and maintenance to improve aviation safety. GAIN takes advantage of technological advances in the collection and use of information that enhance the ability of the worldwide aviation community to use information proactively to prevent accidents.

GAIN is pursuing three types of activities to help the aviation community be more proactive. First, GAIN working groups are identifying and creating tools and processes to help the members of the aviation community use large quantities of data to make proactive data-driven safety decisions. In an effort to make the aviation system *less error prone* and *more error tolerant*, GAIN is moving beyond focusing primarily upon the *operator* -- *e.g.*, with regulation, training, and punishment -- toward using information to improve the *system* in which the operator is operating.

Second, GAIN is working to create an environment that facilitates and encourages proactive collection and sharing of information. This consists largely of working with governments and government organizations (such as the International Civil Aviation Organization) to help assure that laws (*e.g.*, criminal laws), regulations, and policies do not discourage such proactive activities. GAIN is also working to create a more favorable environment by gathering information about the extent to which proactive safety programs can result in significant immediate cost savings in operations and maintenance, in order to show how proactive safety programs can benefit the bottom line.

Third, programs for using information proactively to avoid undesired outcomes have very broad application with respect to both safety and security, and such programs are being developed in other transportation modes as well as outside of transportation. For example, in the U.S. it was estimated that as many as 98,000 people a year die from medical errors, and the health care industry is attempting to develop processes to collect and use information proactively to help prevent such errors. GAIN is working with these industries to exploit opportunities for sharing scarce resources to develop these generic processes.

Extensive information about GAIN is on the Internet at [www.gainweb.org](http://www.gainweb.org).

## Welcome New Local Chapter Members

The ASSE Greater Chicago Chapter would like to welcome our recent new members:

- Dan E. David
- John W. Leen
- John Polich
- Raymond J. Shute
- Terrence J. Zak

As new members, we would like to invite you to attend one of our upcoming meetings. As we continue to bring new and interesting topics to our membership, your input is valued. If your schedule prohibits you from attending meetings, please contact a board member and let us know your ideas.

## Congratulations on 25 years of Membership

The ASSE Greater Chicago Chapter would like to congratulate our local members that are celebrating 25 years of ASSE membership this year:

- Peter D. Hall
- Richard E. Ryan
- Michael Sing
- Richard J. Harmon
- George V. Karosas
- Daniel R. Moe

We thank all of you for your membership and participation!

## Local Member in the News

Recognizing his long-standing commitment to the safety profession, William E. Phillips Jr., P.E., of Hawthorn Woods, IL, received the Society Fellow, the American Society of Safety Engineers' (ASSE) highest honor, during its annual Professional Development Conference this past June 22-25 in Denver, CO.



The Society Fellow honor acknowledges life-long excellence in safety and service by Professional Members of ASSE. Nominated by either their peers, region or chapter, candidates for the Society Fellow honor are selected based upon their work, long-term contributions in advancing the safety profession, and ASSE involvement. Since 1961, only 102 Fellows have been named.

Phillips serves as assistant vice president and chief safety and security officer for CNA in Chicago. He also worked for F&M Schaeffer Brewing, Continental Grain Company, ACF Industries, and the Clayton Group. Phillips also was chief operating officer for AFTECH Limited Partnership, and he owned and operated ABP Consulting. He has been a leader in developing innovative safety and health systems, and a technical consultant to a number of industries. Phillips received a B.S. in Economics from Florida Southern College, Lakeland; an M.A. in Occupational Safety and Health from New York University, New York City; and he attended graduate courses at Wagner College, Staten Island, NY, and New York University.

A past president of ASSE and Greater Chicago Chapter member, Phillips held such ASSE offices as vice president of conferences, vice president of finance and member of the Board of Directors. He received the Safety Professional of the Year award from the Northeastern Illinois Chapter and the Management Practice Specialty (formerly Division) as well as the Charles V. Culbertson Volunteer Service award.

Phillips has conducted extensive work in safety standards through the ASSE and the American Society of Mechanical Engineers (ASME) including the *A90 Safety Standard for Manlifts*, the *B20 Safety Standard for Conveyors and Related Equipment*, the *A17 Safety Standard for Elevators*, and the *Z590 Competence and Certification in the Safety Profession*. Phillips received several awards from the National Grain and Feed Association and the Grain Elevator and Processing Society for research/work in dust fires and explosions. He is a member of the Safety Executives of New York and the American Society for Industrial Security.

**December 9<sup>th</sup> Meeting will be  
a Social Gathering at  
Chandler's with NEIL and  
AIHA**

Mark your calendars now for our meeting in December. We will have a holiday dinner/social gathering with the ASSE Northeastern Illinois (NEIL) Chapter and the American Industrial Hygiene Association (AIHA).

This joint meeting will also include an awards and honors ceremony following dinner.

This would be a great opportunity to call some old friends or colleagues that you may know from the NEIL chapter or AIHA and get together to "catch up".

The meeting will be held at:



**Chandler's Chophouse & Banquets**, located at 401 N Roselle Rd (*at the Schaumburg Golf Club*), in Schaumburg, IL. The cuisine is American/Steak.

There will be a reception beginning at 6:30 p.m. (cash bar) with dinner starting at 7:00 p.m. The cost will be \$30 per person. Please feel free to invite your spouse or significant other to this event.

Reservations for the December meeting can be made with JoAnne Skibinski at (815) 464-6200 extension 200 or at [aiha@raeco.com](mailto:aiha@raeco.com).

## President's Corner

Dear Chapter Members,

After reviewing the events of the tragic October 17<sup>th</sup> high rise fire in downtown Chicago, it is critical that you take time to review your company's emergency evacuation plan and determine if it is up-to-date and effective. When reviewing your evacuation plan, a few significant items to ask are:

- ✚ Who is responsible for coordinating and evaluating the program?
- ✚ What are the procedures for:
  - \* reporting the fire or other emergency?
  - \* emergency evacuation?
  - \* accounting for all employees once evacuated?
  - \* employees performing rescue?
- ✚ Is the alarm system adequate?
- ✚ Have all employees been trained on orderly evacuation?

These are just a few of the key points to remember when reviewing your emergency evacuation plan. It is critical to get expert advice if there is any question regarding the integrity of your current program.

Sincerely,  
Dawn Boisvert, President  
Greater Chicago Chapter

**P.S.** I am excited to share the news that I am expecting my first child and will be unable to attend the November meeting. In my absence, if you have any questions or comments, please contact Al Borzych, Vice President at 630-529-3000 ext. 1184.

## Chapter Year 2003-2004 Meeting Dates

Our executive board has selected some terrific speakers to present at our luncheons. As you will see by the topics listed below, we are securing speakers that can address local and timely safety issues. As always, if you have any suggestions for speakers or topics, we are open to your ideas.

**November 18, 2003**-----Using Information Proactively to Improve Safety  
**December 9, 2003**-----Joint Meeting with NEIL and AIHA  
**January 13, 2004**-----Developing Generational Synergy  
**February 10, 2004**-----Recordkeeping Updates  
**March 9, 2004**-----Bioterrorism  
**April 13, 2004**-----Workzone Safety  
**May 11, 2004**-----Underwriter's Laboratory Tour  
**June 1, 2004**-----Professional Development Conference