

**April 24, 2004
Wisconsin Wing Conference
Green Bay, Wisconsin**

Presenters' Handbook



A guide to breakout sessions being offered at this year's conference.

Moral Leadership in 2004
Presented by Peter Fabian

This workshop will provide a brief overview of moral leadership, education, and the cadet program. It will cover how to work with cadets in developing moral leadership presentations, and required documentation. It will also explore best practices and topics with the intention of developing moral leadership lesson plans that will be distributed to participants to supplement NHQ offerings.

Peter Fabian's Bio:

Peter Fabian is the Wisconsin Wing Chaplain. He also serves as the chaplain for the D. Klitzman Composite Squadron in Madison, and as Deputy Chaplain for the Great Lakes Region

Working with Your Local Press to Tell the CAP Story
Presented by Jon Drayna

We sometimes joke that CAP is the best kept secret in America. The good news is, this is easy to change . . .and change it must. With greater public visibility, it's much easier for the CAP to recruit and to establish working relationships with kindred organizations in our communities and at the state level. This session will take you outside the normal public affairs efforts that are part of our emergency services operations. We will: eliminate the fear factor, give you practical steps to get the CAP story in front of the public, and help you understand how reporters think and operate.

Jon Drayna's Bio:

Jon Drayna is a vice president for corporate communications with Associated Banc-Corp, one of Wisconsin's largest and most visible corporations. In his six years at Associated, and before that in a similar position with Fortune 500 Humana Inc., Jon has conducted hundreds of media interviews and outreach efforts, ranging from tight spots to powerful, positive, human interest stories. Before that, Jon spent seven years in various positions as a reporter and editor for newspapers and magazines in Wisconsin. Jon is a 12-year CAP member.

Q and A Session-Wing Staff
Presented by Wing Staff Members

Bob Bowen: Aircraft Maintenance: "Who Pays for the Big \$ Items"

Dan Ritchie: "Logistics Issues and Answers"

Harold Moe: "Standardization and Evaluation Issues"

Clair Jowett: "Wisconsin Wing Issues"

Lavern Syring: "Wing Safety Issues"

Presenter Bios:

Clair Jowett is Wisconsin Wing Commander

Bob Bowen is Wisconsin Wing Aircraft Maintenance Officer and Flight Operations Officer

Dan Ritchie is Wisconsin Wing Director of Logistics

Harold Moe is Wisconsin Wing Standardization/Evaluation Officer

LaVern Syring is Wisconsin Wing Director of Safety-Aviation

Homeland Security: What Is Our Mission?
AOPA Airport Watch Program
Presented by Dan Bell

Homeland Security: What is our mission? This program will inform membership of the what the Director of Homeland Security is doing to increase our mission capabilities and opportunities. Review of past missions and a discussion on how membership can assist Director in marketing our capabilities.

AOPA Watch Program: Using our eyes and ears to keep our airports safe. Program will support the Homeland Security endeavor.

Dan Bell's Bio:

Dan Bell has held the position of Vice Commander/461st Composite Squadron, Group Commander, Search and Rescue Officer, Director of Emergency Services, Director of Operations, and is currently Wisconsin Wing Director of Homeland Security. Dan is a Firefighter/First Responder/Safety Officer with the Kekoskee Fire Department, Police, Fire, and EMS Commissioner for the City of Mayville as well as an Engine Boss/Squad Boss/Helitack Wild land Firefighter with the US Fish and Wildlife Service. Dan has a permanent chair with the State of Wisconsin Military Sub Committee on Homeland Defense. He has a BA from UW Oshkosh, Masters in Management, and an MBA from Cardinal Stritch University in Milwaukee. He is an Adjunct Faculty Member of Marian College of Fond Du Lac.

Zen and the Art of CAP Internet Operations
Presented by Tedd Agnello

Wouldn't it be fantastic if you had a squadron member who was focused entirely on recruiting efforts and promoting your unit's activities 24-7? A nice thought, albeit completely unrealistic. However, there IS an affordable, reliable and easy alternative. If you haven't yet embraced technology and using the Internet as a tool, you are missing out on one of the best ways to promote your squadron: The unit web site!

Tedd Agnello's Bio:

Tedd has been serving as the Wisconsin Wing "Web servant" since April, 2003. An accomplished web designer, he has been creating and maintaining web sites for over seven years, including those of the LaCrosse, Colsac, and 461st Composite Squadrons. Captain Agnello resides in Onalaska, Wisconsin, where he runs a web design and computer consulting company.

Drug Threat Recognition for Seniors and Cadets
Presented by Eric Severson

A review, by drug type, of some of the drug threats facing communities in Wisconsin.

Law Enforcement Application for CAP Counter Drug Flight
Presented by Eric Severson

A CN session; this session will walk the audience through a law enforcement application of the photos taken on a CN flight. The purpose is to show the CN crew how their photographs are to be used by law enforcement in an effort to provide the best product for the law enforcement customer, and to provide the CN crew with an appreciation of how law enforcement relies on their work.

Eric Severson's Bio:

Eric Severson is a captain with the Waukesha County Sheriff's Office in Waukesha, Wisconsin. A law enforcement officer for over 17 years, he is currently the Waukesha County Drug Enforcement Unit Commander. Captain Severson has served as a canine handler/instructor, as well as a member of the Sheriff's Tactical Enforcement Unit during his career with the Waukesha County Sheriff's Department. Captain Severson earned a bachelors degree in technical communication and has an extensive background in photography. Captain Severson had been a member of CAP for 5+ years and currently serves his home squadron as Safety Officer, Drug Demand Reduction Officer, and Assistant Maintenance Officer. He is a private pilot with mission, CN, mission transport, and cadet orientation flight ratings. He is married with three children.

CAP Basic Course for the Technician Rating CAPP 203 (IG Specialty Track)
Presented by Larry Stys

This course, leading to a technician rating in the IG specialty track, will center on the following participant outcomes:

1. Identify the four types of assessment
2. Define the five grades of the assessment program
3. Define the four types of "special" report entries
4. Identify the functional areas (tabs) evaluated during assessment
5. Define the following: fraud, waste, abuse of authority, misconduct, and complaint
6. Identify the problems that are addressed by the CAP IG complaints program

Larry Stys's bio:

Larry is a former Wisconsin Wing Commander. He is an accomplished pilot with commercial and CFI ratings. Mr. Stys is also one of Wisconsin's many fine public school teachers.

Computer Laboratory and WMU
Presented by Michael Curry

Here is a chance to get all your WMU questions answered under one roof. Wisconsin's "guru on the WMU" will be in the laboratory all day cooking computer wizardry. Michael will be assisted by a very special guest from National who has a few tips of his own regarding what goes with our National web site. Take advantage of this excellent opportunity to enhance your computer skills.

Michael Curry's bio:

Michael is one of Wisconsin Wing's real treasures. He is a computer expert and one of the Wing's longtime serving members. He is an expert in emergency services and serves many hours in the capacity of incident commander. Not surprisingly, he is always willing to assist others, and runs his own computer services company.

FAA Wings Program for CAP Style Flying
Presented by State and Federal Staff

Come listen to safety pointers on flying the CAP way; low and slow, often heavy, often with many distractions. State and FAA staffers will present tips to keep you safe. Also earn the classroom component of the "Wings" program.

ES-Current and Future Directions
Presented by Nick Rushizky

Where does the Wisconsin Wing stand with current ES practices, and how are we planning to respond to new needs for our state? Come see how our standards are evolving to meet new methods and problems of search and rescue.

Nick Rushizky's bio:

Nick is the Wisconsin Wing Director of Emergency Services. A longtime member of Civil Air Patrol, he brings a wealth of knowledge and experience to emergency services.

Spacecraft Structures
Presented by Jason Marcks

The structural elements that hold together an aerospace vehicle must be strong and as light as possible in order to minimize the fuel needed to get to orbit. NASA engineers continually strive to develop new materials and methods in structural design. In this activity, participants will undertake the problem of designing a strong, but lightweight thrust structure that can withstand the launch of a bottle rocket by means of a wooden lever. Using simple materials such as: craft sticks, cardboard, and hot-melt glue, participants strive to make their structure lighter while maintaining its strength. The goal is to construct a launcher that can repeatedly withstand the force of launching a one-kilogram bottle of water one meter into the air. The scientific focus is on understanding forces, structures, and energy transfer.

Air Powered Rocketry
Presented by Jason Marcks

Building and flying rockets is an exciting and educational way to introduce people of any age to aerospace education. This activity provides participants the opportunity to build and fly their one paper rockets.

Jason Marcks's bio:

Jason is a former high school Earth and Space science teacher. He has a Masters of Science in Geoscience and is working on a Masters of Aeronautical Science in Space Studies. He is currently employed as an Earth and Space Science Specialist with Space Education Initiatives-a NASA educational contractor as well as being an adjunct faculty member at the University of Wisconsin-Green Bay.

Aviation Forecast Products
Presented by Rich Mamrosh

This presentation will demonstrate the many ways that pilots can access weather information on the internet, how they determine its currency, and how they can best use this information for a safe flight.

Rich Mamrosh's Bio:

Rich graduated from the University of Oklahoma in 1987 with a Bachelor of Science Degree in Meteorology. He has worked for the National Weather Service at Burlington, Vermont, Buffalo, New York, Chicago, Illinois, and is presently in Green Bay, Wisconsin. He has been involved in several aviation weather projects; including getting weather sensors installed in aircraft.

Cadet Forum with Dick Rutan
Presented by Dick Rutan

This is your opportunity to meet one of aviation's real pioneers. Dick will regale you with stories of his experiences and reinforce his assertion that it's your "attitude" about things that really makes the difference.



Dick Rutan's Bio:

Voyager Aircraft's non-stop and unrefueled flight around the world in December of 1986 placed Mojave proudly on the map and placed Dick Rutan in the history books. In May of 2000, Dick Rutan was a last minute addition to a sightseeing airplane trek to the North Pole. The biplane, a Russian AN-2 Antonov, landed beautifully on the glass-like ice, but within seconds, the joyride was headed for disaster. Unseasonably thin, the ice quickly began to stress and crack under the weight of the plane. A quick power-up to 'go-around' and locate a thicker spot on the ice resulted in the aircraft suddenly dipping nose first through the ice, sinking toward the freezing ocean, and certain death. The wings of the AN-2 suspended the aircraft so the crew could retrieve their survival equipment that was packed in the rear of the sinking plane. For more than a dozen hours, the crew was stranded at the top of the world. In the distance, they heard a faint engine and soon would see the Twin Otter from First Air that would rescue them and return them to their families.

In 1998, Dick Rutan attempted to make the first ever flight around the world in a balloon in the Global Hilton. That attempt ended three hours after takeoff. The balloon's helium cell ruptured (due to a manufacturer's defect) while the team floated at 30,000 feet. When the crew was at a safer 6,000 foot altitude, the crew dramatically bailed from the crippled craft. The capsule landed unmanned in Texas and burst into flames.

Within minutes of landing on terra firma, Dick pledged to try again, and built a second capsule called World Quest. This, with a new constrained volume helium lifting system (super pressure style) held promise Dick would indeed succeed in balloon world flight. The World Quest Project ceased when a rival team captured the milestone in March of 1999.

From April 4th to June 24th of 1997, Dick completed The Spirit of EAA Friendship World Tour, along with flight lead, Mike Melvill. This "Around The World In 80 Nights" flight was completed in two small experimental Long-EZ (pronounced Long Easy)

aircraft that Dick and Mike built side by side almost twenty years ago.

Dick obtained his balloon pilot's license in 1995 (Commercial free air balloon; helium and hot air), and he is a frequent sight over the Antelope Valley in the early morning hours aboard his personal multicolored Raven hot air balloon.

Since Voyager's world flight, Dick has been traveling the world on the lecture circuit, telling his tale of the magnificent Voyager project and flight and of the North Pole adventure. The Voyager story is one of tremendous courage, of vision, and of adventure and is often referred to as 'aviation's last first.'

Dick received both his solo pilot's license and driver's license on his sixteenth birthday. At the age of nineteen, Dick joined the Air Force Aviation Cadet Program, was commission Lieutenant and later received a Bachelor of Science Degree at the American Technological University through the Air Force Professional Education "Boot Strap" Program.

As a Tactical Air Command fighter pilot during most of his two decades in the Air Force, Rutan flew 325 combat missions in Vietnam, 105 of them as a member of a high-risk classified operation commonly known as the MISTY's." While on his last strike reconnaissance mission over North Vietnam in September of 1968, he was hit by enemy ground fire, and forced to eject from his burning F-100. Dick evaded enemy capture and was later rescued by the Air Force's "Jolly Green Giant" helicopter team. Before retiring from the Air Force in 1978, Lt. Col. Rutan had been awarded the Silver Star, five Distinguished Flying Crosses, 16 Air Medals and the Purple Heart.

After retirement, Dick joined his brother, Burt, as Production Manager and Chief Test Pilot for Rutan Aircraft Factory. Dick Rutan flew the test flight development program of many military and civilian experimental aircraft and set numerous world speed and distance records in his Long-EZ, a popular Rutan designed home-built airplane. Dick was awarded the Louis Bleriot Medal by the prestigious Federation Aeronautique Internationale during a ceremony in Brussels, Belgium in recognition of these record-setting flights.

In early 1981, Dick Rutan resigned from his brother's company and founded Voyager Aircraft, Inc., and prepared to complete the first-ever around the world, non-stop, non-refueled flight. On the morning of December 14, 1986, a fuel laden Voyager took off on the history making flight. Nine days, three minutes and forty four seconds later, Dick set the storm-battered Voyager down on the dry lakebed at Edwards Air Force Base in California, successfully completing the six-year quest. The Voyager is now proudly suspended in the Smithsonian Air and Space Museum's "Milestones of Flight" gallery in our nation's capitol.

Four days following the historic flight of the Voyager, President Ronald Reagan awarded Dick the Presidential Citizen's Medal of Honor at a special ceremony.

Dick now resides in Lancaster, California, with his wife, Kris, who is a kindergarten teacher.