

**Thursday, May 28**

**1330-1500**

**Workshop Govt/HLS/USAR #1, Government/Homeland Security/Urban SAR – Riverside East  
Civil Air Patrol Capabilities Overview & Distress Beacon Mission Highlights**

*John Desmarais, Deputy Director of Operations from Civil Air Patrol National Headquarters*

This presentation will provide an overview of CAP's current and developing resource capabilities to meet search and rescue and other emergency services mission needs. Also discussed will be trends noted so far by CAP for electronic search missions for distress beacons since the phase out of 121.5 processing by SARSAT-COSPAS satellites which began on the 1<sup>st</sup> of February of 2009.

**1530-1700**

**Workshop Govt/HLS/USAR #2, Government/Homeland Security/Urban SAR – Riverside East  
Georeferencing and Catastrophic Incident Search and Rescue (CISAR)**

*Rick Button, Office of Search and Rescue, U.S. Coast Guard*

This presentation will discuss the National SAR Committees work in understanding and developing maritime, aeronautical and land-based georeferencing requirements in a disaster response scenario. There is no single georeferencing system that will support all SAR Responders. How can georeferencing information be disseminated and understood in a disaster among air, marine, ground SAR responders and Incident Command (coordination) staffs? This presentation explains the problems associated with georeferencing and the CISAR responder and a way forward.

**Friday, May 29**

**0830-1000**

**Workshop Govt/HLS/USAR #3, Government/Homeland Security/Urban SAR – Riverside East  
SAR Theory in SAR Planning, Part I**

*Lt Col Eric J. Steward, National SAR School*

This presentation will familiarize the audience with the material covered during the one-week Inland SAR Planning Course provided jointly by the Air Force Rescue Coordination Center and the USCG National Search and Rescue School. This daylong event will take an in-depth look at inland search theory and its application to land and air searches for missing persons and aircraft with a focus on wilderness, not urban, searches using worksheets and computer applications. The majority of this workshop is an emphasis on the planning necessary for effective area-type searching during an extended search using Probability of Success (POS), rather than just a few elements of Probability of Containment (POC) or Probability of Detection (POD), to predicatively allocate limited resources to their best effect. In essence, what to do after the hasty search and specialty resources have not found the missing person or aircraft. The workshop will not cover search tactics or technical procedures and does not incorporate field training.

The workshop is directed toward SAR leaders in federal, state, and local emergency services and law enforcement, as well as Civil Air Patrol, international, and volunteer SAR agencies -- those few people who are responsible for the planning and overall conduct of inland search missions. The target audience includes on-scene incident commanders and their planners, operations leaders, and up-channel reporting chain. Aiming to "find the objective fast", the workshop centers on tools such as computer applications to help SAR decision makers determine where to search, how to divide an area between limited search

resources, and how to craft the overall search effort to gain the best increases in likelihood of success at each step.

### **1100-1200**

#### **Workshop Govt/HLS/USAR #4, Government/Homeland Security/Urban SAR – Riverside East** **SAR Theory in SAR Planning, Part II**

*Lt Col Eric J. Steward, National SAR School*

*(See description from Govt/HLS/USAR #3)*

### **1330-1500**

#### **Workshop Govt/HLS/USAR #5, Government/Homeland Security/Urban SAR – Riverside East** **SAR Theory in SAR Planning, Part III**

*Lt Col Eric J. Steward, National SAR School*

*(See description from Govt/HLS/USAR #3)*

## **Saturday, May 30**

### **0830-1000**

#### **Workshop Govt/HLS/USAR #6, Government/Homeland Security/Urban SAR – Riverside East** **Volunteer First Responders, Your Expanded SAR Role in Homeland Security Support**

*Val Bilotti RN, BS CQM, CHS-V*

When a disaster or terrorist event threatens, those who respond are subject to a variety of risks. How do you plan to care for our first line of defense? “Urban Shield” a 48+ hour SWAT training exercise, the single largest homeland security training exercise of its kind in the United States – not only tests participants and law enforcement, but tests the planning, logistical support, oversight and care for those participating by an all volunteer team.

With high probability threat scenarios spread over a wide geographic area, providing care for over 200 event participants and another couple of hundred support personnel, poses its own set of challenges. We will address the medical pre-planning requirements, communications, logistical support and the operations that created a system that can be applied/adapted for the management of large-scale, real-world emergencies.

This workshop will provide an overview of the considerations when preparing to respond to a Mutual Aid Crisis, how to utilize private, public, non-profit, profit, County, State and Federal resources; organize those entities in a sustained operation over three counties - for one ultimate goal to, “Keep the team in the Game”.

### **1030-1130**

#### **Workshop Govt/HLS/USAR #7, Government/Homeland Security/Urban SAR – Riverside East** **From a Responders’ Point of View: What was learned from the Windsor Tornado, Lessons Learned**

*Charles Kirmuss, Rampart/Adams County Co. Search and Rescue*

From a responder’s perspective - how to survive a failure of the State-wide radio network and how to use technology to better manage responding assets and field operations after lessons were learned. The workshop covers the initial response stage, first operational period issues and how to better respond including pre-planning.

**1300-1500**

**Workshop Govt/HLS/USAR #8, Government/Homeland Security/Urban SAR – Riverside East**  
**Fostering Good Judgment in Your SAR Unit**

*Dana Kirsch Ray, Civil Air Patrol*

Safety is no accident. Common sense is no longer common. During this presentation we will do an overview of crew resource management (CRM) principles observed in and derived from the "task overload" situation. This presentation covers ways to recognize and influence the culture of your SAR team to foster an environment, which will promote good judgment. The workshop is heavily influenced by studies, statistics and best practices derived from both commercial pilots and police officers as reported in the book 'Redefining Airmanship' by Kern.

We will review several CRM principles which are applicable to SAR and look at examples in SAR operations when "task overload" may happen with catastrophic outcomes. For example, the FAA mandates and pilots have adopted a broad use of checklists and pre-printed emergency procedures. Both pilots and police officers use radio read-back-techniques and specific abbreviations to help with foreseeable "task overload" situations.

The presentation is designed to provide a framework for you to think critically about your team's current status, safety culture, and to offer some suggestions for reducing risk. By initiating and supporting good judgment during trainings, you can improve the search's timeline, strive to more efficiently use your resources, and increase your overall safety margin.

**1530-1730**

**Workshop Govt/HLS/USAR #9, Government/Homeland Security/Urban SAR – Riverside East**  
**SAR Team Membership: Addressing Growth and Retention**

*Rob Brewer, Spokane Mountaineers SAR*

Recruiting new people to your SAR unit is an ongoing effort. Sometimes we see a larger influx of people who want to get involved, especially after significant events like September 11, 2001 or local searches that get a lot of media attention. This is where the challenge truly starts.

How do we accommodate this new growth? With the exception of very successful membership drives, SAR groups rarely plan for a larger-than-usual number of new volunteers. We will talk about how to develop pre-plans to accommodate a larger group of recruits than you are used to handling.

How do we keep the volunteers we already have around? In most SAR units, there is typically a small core group of around 20% of the membership. The remaining 80% are those members who eventually stop showing up. We will focus discussion on how to retain more of this group.

Rob will strive to stimulate some discussion about both of these topics so that the people who attend can take some ideas back to their units.