

The Safety Badger



Your Safety, Your Safety Directorate

People are the most irreplaceable asset of the Wing. The Safety effort is first about keeping all of us out of harm's way, keeping us able and ready to carry out our missions and the missions that make up our lives.

Look to this and future editions of this brief for educational materials to help you stay safe as you carry out life's missions.

The safety effort is too broad and too important to be carried out only by top-down, one-way push communication. Every member is a Safety Officer. This brief will evolve into a tool for dialogue and sharing of best safety practices from around the Wing.



INSIDE THIS ISSUE:

Encampment Safety	2
Rescue Gone Wrong	2
U.S.S. Indianapolis	3
Summer Days; Rocketry	3
Unit Metrics and Regulations	3
Corrections to Accident Notification Procedure	3

Proficiency, Hours, and the New Strategic Plan

Search how you train, train how you search!

http://wicap.us/?wpfb_dl=110

The new WIWG Strategic Plan goal #1 is to **manage operational risk in an effective manner to ensure life, safety, and asset maintenance**. Stewardship, preserving operational readiness, and doing the right thing are what we are all about.

The new Plan outlines minimums for specific training activities that will help us develop and maintain proficiency for air and ground search. Also in the Plan are targets for growing our combined capabilities – look for more about becoming a Mission Safety Officer soon.

“Amateurs train until they get it right. Professionals train until they can't get it wrong.”

At that level of professionalism we achieve safety in our volunteer service.

Your Safety Voice: Crowd-Sourced Safety

Do you have an article or knowledge that belongs here? A topic you'd like to see addressed?

Someone achieve a safety professional development milestone?

How do you define the scope of the safety effort - *the safety endeavorspace*?

What are the particular safety challenges and opportunities you see for yourself and your local unit?

Do you want material about advanced flight safety? Information for new pilots? Cadet & outdoor activities? Safety for daily life?

What is the best way to converse with you? Blog? Twitter? Facebook?

Are you likely to use to an online collection of safety materials? Anything to contribute there?

Let us know at CanDoSafely@wiwg.cap.gov

Thank you!



WIWG Safety Directorate

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“With a little care, blisters are easily avoided. Blisters can make a great time miserable.”

“... locked knee issues occurred. During pass-and-review and graduation, a brigadier general base commander requested all cadets on the field to relax a little. The encampment cadet commanders should follow this example...”



Encampment Safety: Less Pain, More Gain!

Encampments nationwide continue to be an amazing and rewarding experience, and a perennial producer of cuts, scrapes, blisters, and sometimes broken bones.

Encampment Safety Basics:

1) Horseplay – **No.** Clear?

2) Footcare – Periodic foot checks for early blisters, moleskin, socks clean and dry, bring foot powder. Shoes need to be broken in before encampment and to fit well. They will be your primary means of transportation.

3) Fitness – You will have more fun if you are already used to regular exercise, particularly running, before encampment begins. Also an opportunity to start hydrating well.

4) UV protection – Sunscreen, UV-protective sunglasses. (See *Critical Days of Summer*, below)

5) Preexisting conditions – Follow procedures for alerting encampment staff and fellow participants about medical conditions you might have – for example if you carry an epi pen or have serious food or other allergy.

6) Medications – Bring any regular medications, follow procedures for storing and taking.

7) Hydration – Bring canteens or preferably a hydration bladder (Camelbak®). Activity leaders: make sure participants carry and use adequate water, brief participants on the “pee chart” – looking out for dehydration by watching for decreased, concentrated urine.



Lt Col Slater, encampment commander, emphasizes the importance of this topic. At encampment it will be mandatory to **hydrate sufficiently**. Ample water and balanced-electrolyte sports drinks will be available. Access to soda and caffeine will be very limited - take them out of your diet now, before arrival.

8) Syncope – Syncope is the medical term for passing out. Standing at attention with knees stiffly locked for more than a few minutes can cause this. Leaders please help avoid this problem. Prevent by keeping knees slightly flexed and by making small unnoticeable leg movements from time to time while in formation.

Additional information - become an encampment safety expert -

<https://drive.google.com/folderview?id=0B19JJ67NRh89bDdQXzBQsXJxQ0E&usp=sharing>

Rescue Gone Wrong, Mission Mindset Pitfalls

Five years ago a SAR flight in New Mexico ended with the death of the pilot and a young woman passenger. She had become lost and then located while hiking near Sante Fe, and was being airlifted out. (rotary-wing N606SP, NM State Police). The Mission Observer was critically injured.

The tragedy is a clear example of the accident or error chain. The pilot was neither inexperienced nor generally reckless.

See AOPA Air Safety Institute “Rescue Gone Wrong” (11 minute video)

<http://www.aopa.org/aopa-live.aspx?watch=rjd3c0mzp7barbs8-aidkwtdtjh6orzi>

The risk control measures that resulted from this accident are outlined here:

[HTTP://SAFETYCOMPASS.WORDPRESS.COM/2014/06/09/GOING-ABOVE-AND-BEYOND-IN-HELICOPTER-SAFETY/](http://SAFETYCOMPASS.WORDPRESS.COM/2014/06/09/GOING-ABOVE-AND-BEYOND-IN-HELICOPTER-SAFETY/)

The NTSB accident report is at

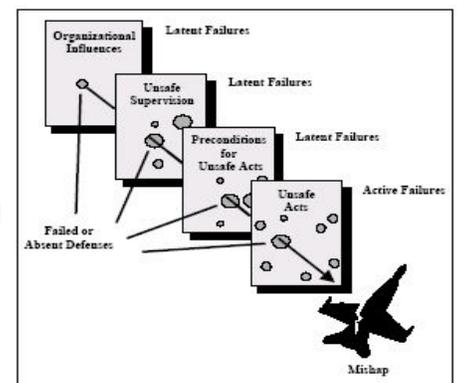
[HTTP://WWW.NTSB.GOV/DOCLIB/REPORTS/2011/AAR1104.PDF](http://WWW.NTSB.GOV/DOCLIB/REPORTS/2011/AAR1104.PDF)

The materials are worth reviewing for Incident Commanders and mission aircrew.

Safety Officers please consider adapting and briefing your own units on Mission Mindset, the Error Chain, and Aeronautical Decision Making.

More on Air Ops Safety:

<https://drive.google.com/folderview?id=0B19JJ67NRh89VTd3S3NuMxPvYQWM&usp=sharing>



U.S.S. Indianapolis, a “Failure to Communicate”

In July 1945 the worst disaster in U.S. naval history began when the USS Indianapolis was sunk by the Japanese. 1,196 souls were on board. The ship’s failure to arrive **went unnoticed**. By the time the survivors were spotted by accident four days later only 316 men were still alive.

(<http://www.ussindianapolis.org/>)

In retrospect multiple communication breakdowns occurred and practices were employed that set up for failure. The incident inspired the book and later movie “Jaws”.

Communication disconnects lead to missed opportunities, alienated CAP members, and can just plain *kill*. Electronic media give us message capabilities unheard of in the past. Email problems, misdirected memos, unreceived messages and texts – whole new ways for communication to go wrong.

Effective two-way communication builds trust. Trust increases team capability and safety.

Two communication experts anticipated Powerpoint and Email, in 1953! Check it out...

<http://www.youtube.com/watch?v=kTcRRaXV-fg>

OR <https://drive.google.com/file/d/0B19JJ67NRh89bIBJY19CeXV2ZiQ/edit?usp=sharing> (low-bandwidth)

See also:

http://static.e-publishing.af.mil/production/1/saf_cio_a6/publication/afh33-337/afh33-337.pdf

(*Tongue and Quill*, The USAF communications manual.. great stuff!)

Unit Safety Officers please consider further exploration and briefs on communications as a factor in the error chain.

Critical Days of Summer

That time of year again – swimming, boating, 4th of July, vacation travel, and of course the 101 or *Critical Days of Summer*. Did you know June is National Safety Month?

Lt Col Ochowski found a good course about UV index, sun protection and setting a good example – it is called the SunWise Certification Program from the EPA:

<http://cfpub.epa.gov/sunwiserec/>

With a little re-work and trimming the course could be an excellent brief for cadet leaders responsible for conducting summer outdoor CAP activities. Let us know if that is of interest.

More on UV and sun protection, including prints from the EPA course:

<https://drive.google.com/folderview?id=0B19JJ67NRh89emZHb1dfNXZPYVE&usp=sharing>

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The Air Force has launched their 101 Days this year with a good brief on motorcycle safety:

<https://drive.google.com/file/d/0B19JJ67NRh89c2pzOVNaNEdmUDg/edit?usp=sharing>

The Marine Corps has released a 19-slide PowerPoint providing succinct information on many summer activities:

<https://drive.google.com/file/d/0B19JJ67NRh89NXN2ZIF0WIBSSTg/edit?usp=sharing>

“no better friend, no worse enemy..” but most of all, “be hard to kill” Please.

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Rocketry Safety – Rocketry embodies everything the CAP AE program is about, educational and fun. A collection of model rocketry safety materials (supplementing those from CAP) is at:

<https://drive.google.com/folderview?id=0B19JJ67NRh89V2Yya2Vxa1dMTTQ&usp=sharing>

Squadron Metrics

We want it to be as easy as possible for all to operate within the spirit and letter of our organization’s safety rules. A great deal of thought, effort and experience has gone into the regulations.

Stay tuned for tools to help us track, troubleshoot and communicate how well we meet National goals and safety indicators.

Notification

An updated Mishap Notification Procedure Memo will be sent out shortly.

Contact for urgencies –
WIWG/SE Gary Chizever
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*“I know that
you believe you
understand what
you think I said,
but,
I am not sure
you realize that
what you heard
is not
what I meant!”*

A photon goes to the
hotel desk for check-in...
“Any luggage, sir?”
“No, thank you. This trip
I’m travelling light.”