

CAP Safety



Common Mishaps

How YOU Can Keep Them From Happening

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Discuss!

- **Common Mishaps**
- **What Leads Up to Them**
- **What Can YOU Do to Prevent Them?**

- **Any other trends you've seen in YOUR unit?**



Aircraft Mishaps

- **Locked Brake - Skidding on Landing**
- **Landing Long on Short Runway**
- **Tail scrapes and hard landings**
- **What do they have in common and how can YOU prevent them?**



Skidding on Landing Roll?

- Landing Long?
 - Go around! Go-arounds should be practiced on a regular basis
- Selecting Short runway?
 - Greater “margin for error” on longer runway
- Bad braking technique?
 - Let it roll until weight on wheels
 - Test brakes, then smoothly apply the brakes
- Other ideas? Techniques?



Short Runways?

- Pick a Longer Runway If Available
 - Several mishaps on 1900'-2000' runway when 5000' and 7000' available at same airport!
- If you are fast or long... **GO AROUND!**
 - Go-arounds should be practiced on a regular basis
- Pressure Altitude
 - At high altitudes or hot days, check pressure altitude
 - That "short" runway is even shorter than you think
- Other ideas? Techniques?



Tail Strikes

- Occur on Take-offs and Landings
- Soft Field Take-off?
 - The yoke does not **STAY** full back!
 - Once you add power, **FLY** the pitch picture
- Short-field Landing?
 - Fly a stabilized final
 - Off parameters? Sink rate? Slow? **GO AROUND!**
 - Go-arounds should be practiced on a regular basis!
- Other ideas? Techniques?



Bodily Injury Mishaps

- Mostly an Issue at Cadet Activities
 - Senior members also susceptible!
- Dehydration, Heat, Fainting
- Sports Injuries
- Other Activities



Dehydration, Heat

- What are the Hazards? What's the Risk?
 - What are the Risk Controls?
- Dehydration can be prevented with **PLANNING**
 - Must begin hydration **WELL** before activity
- Review hot weather guidance in CAPR 60-1
- Watch how long cadets stand in formation
 - Do **NOT** have formation right after PT
- What will **YOUR** unit do differently next year?



Sport Injuries

- Collisions
 - Should we make Soccer a non-contact sport?
- Sports Surfaces ... is it “safe” to play here?
 - Be alert to hazards ... mark and warn
 - Active supervision should be part of the plan
 - Designate who is responsible
- Reporting a bodily injury in SIRS? Include...
 - What led up to the mishap?
 - What would you do differently?



Other Injuries?

- EVERY Activity and Sub-activity
 - Do a risk-assessment
 - Brief the risks, and the risk control plan!
- What can go wrong?
 - What can we do to prevent that?
- TEACH the Risk Management Process
- The goal?
 - Complete the Event Without Getting Hurt



Vehicle Mishaps

- Common Causes?
 - Inexperience and Inattention
 - No Active Risk Management
- YOU Can Fix Those



Vehicle Mishaps

- Vans and Other Non-Standard Vehicles
 - NOT your normal car
 - Wider turn-radius
 - When you “turn right,” everything that is forward of the rear wheels moves to the right ... is it clear? Are you sure?
 - Bad visibility!
 - If you can't see where you're going, don't go!
 - Use a spotter, or do a walk around



What Can YOU Do?

Discuss how YOU and YOUR UNIT can improve your approach to Risk Management in 2019.

Safety Officers: Send your ideas to safety@capnhq.gov



Thanks!

