



# Utah Wing Safety Briefing



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## Safety Briefing Information

- National HQ directed this safety event
- Several Utah pilots suggested the aviation topics
- Col Bost approved all topics
- This is an open discussion briefing !!





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## Overview

- ORM
- Lifting
- Crew Resource Management
- Flight Following
- IMSAFE
- Go/No Go Procedures
- Conclusion
- Questions



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## Operational Risk Management

- ORM is a 6 step tool for making smart decisions
- Evaluating the world is an essential part of life no matter what task you are performing, or your age
- The goal of ORM is not to eliminate risk, but to manage risk





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## Operational Risk Management

1. Identify the Hazard – Look around, talk it out, and think it through. What are the hazards?
2. Assess the Risk – What risk do the hazards pose? What is the probability of loss?
3. Analyze Risk Control Measures – What options are there to minimize or eliminate mishaps or loss associated with the hazards?



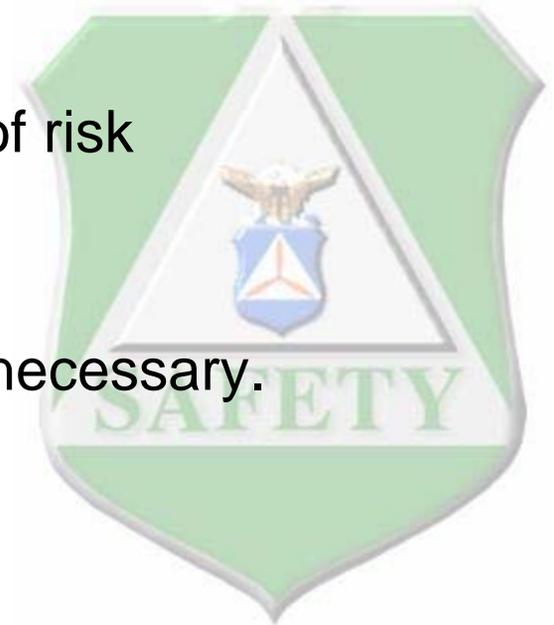


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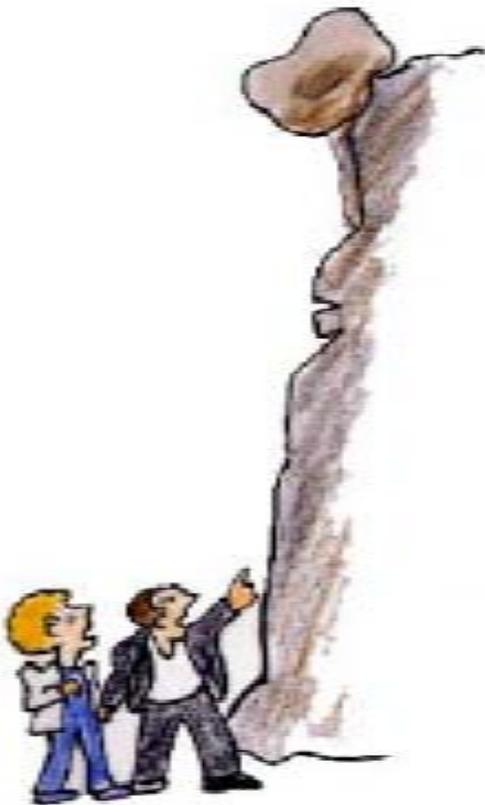
## Operational Risk Management

4. Make Control Decisions – What will the options cost in time, money, personnel and equipment?  
Do the benefits outweigh the risks?
5. Implement Risk Controls – Inform personnel of risk measures, provide assets, provide support
6. Supervise & Review – Monitor and adjust as necessary.  
After the operation is complete, review how effective the controls were





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**RISK  
PERCEPTION**



**RISK  
ASSESSMENT**



**RISK  
MANAGEMENT**



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## Lifting Heavy Objects By Yourself

- The two most common causes of back injuries are lifting while bending forward at the waist, and twisting while carrying a heavy object
- The next two slides will tell you a proper lifting technique





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## Lifting Heavy Objects By Yourself

- Before lifting boxes and cases, check the weight so you can prepare to lift properly
- Your feet should be shoulder width apart, standing as close to the item as you can
- Turn your body as a unit; **never** twist at the waist
- Keep the item close to your body





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## Lifting Heavy Objects By Yourself

- Keep your back straight and abdominal muscles tight
- Use your leg muscles to do the lifting
- Lift smoothly without jerking
- Get close to where you want to set the item down





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## Two-Man Lift

- Discuss real world situations when a two-man lift should be used





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All non-aircrew personnel may  
leave at this point.





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## Crew Resource Management

- CRM is a system which optimizes all available resources such as: equipment, procedures and people to promote safety and enhance the efficiency of flight operations
- Discuss why some pilots, observers or scanners do not effectively use CRM





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- Tenerife disaster
- 583 souls lost because of lack of CRM



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"There are no new causes of aircraft accidents, just new people making the same old mistakes."

Unknown author





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## VFR Traffic Advisories

- VFR traffic advisories, or flight following is a service for VFR aircraft and is based upon the workload of ATC
- Contact nearest approach control / center and request flight following by telling them:  
who you are, where you are, and where you would like to go





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## VFR Traffic Advisories

- ATC will respond with a transponder code for you, and once they have you on radar, they will offer you flight following.
- Don't let your ego get in the way of using it !!





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## IMSAFE

- **I**llness - Symptoms?
- **M**edication - Prescription drugs?
- **S**tress - Excessive Pressure?
- **A**lcohol - 10 hour company rule?
- **F**atigue - Adequately rested?
- **E**ating - Adequately nourished?



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## Go/No Go Decisions

- When do you refuse a flight?
- Some Utah pilots mentioned they let the mission cloud their decision on whether to take a mission or not
- Has this happened to you?





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What is your direction??



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## Conclusion

- This briefing mentioned a few concerns some pilots in the wing had about flying
- Let's learn from each other
- Let's help each other come home safely





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## Questions

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