

Risk Management

Scenario #6

PROTECT THE ENVIRONMENT

SCENARIO: You are a member of a detachment that has deployed to a remote location north of the Arctic Circle. You live in Arctic tents heated by unique tent stoves designed for this harsh climate. The stoves use a special fuel mix that is flown into your location in several 600-gallon bladders. Because of weather conditions at your location, it is not usual for conditions to prevent any air resupply for ten days or more at a time. Also, because of the tundra characteristics of the location, any extensive fuel spill would be a localized environmental disaster because you lack any effective cleanup capabilities. Based on the above, you understand that the losing any significant part of the fuel would place the entire detachment at risk of cold injury and seriously damage the local environment.

EXERCISE: Develop a risk management application to minimize the potential for any mishap arising from fuel storage on request.

- Step 1: a. Identify critical steps in the process and develop a Hazard ID approach suitable for this Risk Management application.
- b. Apply the Hazard ID tools you have chosen. Refer to DAFPAM 90-803 for a list of Hazard ID tools.
- Step 2: Assess the risk associated with each hazard you identified in step 1. Use the 4x5 risk management matrix (refer to DAFPAM 90-803) to help prioritize the risks. Document the risk issues using the DAF Form 4437.
- Step 3: Starting with the worst hazards, prioritize the development of the best possible risk controls in this scenario.
- Step 4: Be prepared to present your recommendations in a way that enables the appropriate person to make a risk-based decision. Outline the advantages and disadvantages of each option.
- Step 5: Describe how these risk controls would be implemented.
- Step 6: Describe the procedures that could be used to assess the effectiveness of this RM application. Additionally, explain the feedback mechanism or process that would be applied in this situation.