

Risk Management

Scenario #8

CYBER ATTACK

SCENARIO: While conducting ordinary operations in the work center, various office members begin to experience network issues. A mass email notifying them of a cyber-attack from one of our well-known adversaries is sent to each member's email. The flight chief is currently on lunch and cannot be reached due to connectivity issues. How should the remaining members respond to this?

- What are the risk factors associated with this current event?
- Who will make key decisions during the operation?
- What are the next courses of action?
- Who should be notified?

EXERCISE: Develop a risk management application based on the risk factors your team developed for this event.

- 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.