

Disclaimer:

We understand no one is an expert in everything. As a leader in the Air Force, we must be able to identify hazards and leverage those with the knowledge in the areas we need help in. This is another opportunity as AF leaders that we can learn and grow.

Scope:

You have been deployed and tasked with operating a Forward Operating Base (FOB) with a small airstrip. Your leadership has just requested that you create hot pit refueling capability at your location to support an unspecified operation involving HH-60 aircraft. Initial capability must be established within one week.

Identify:

What am I going to need to accomplish this mission? (material and personnel)

What are the strategic ORM considerations for this operation?

1. What are the hazards? (Risk to people. Risk to the mission)
2. What controls would be needed for those hazards? (Suggested to use 4437 or similar alternative)

After 30 min group routes request to facilitator.

Facilitator response with this is what you were provided:

AF Members deployed

SFS= 6

MX= 2

CES= 1

CEF= 4

SEG= 1 (G/F/W)

LRS= 4

Comm= 1

FSS= 2 (includes food services)

Personalist= 1

IDMT=1

Allowed 25 members total. (Team decides 2 additional members.)

Material delivered

Mobility Tent= 5

AM2 Runway/flooring

Generator= 5

F350 brush fire truck= 1

Humvee/ATV= 4

Forklift= 2

Fuel bladder= 4

Grounding/bonding points= 4

Pantograph (wheels and hose connection to refuel AC from bladder) = 3

Injects (group responds with answers before proceeding to the next question)

1. At the end of the week, you've established the capability to refuel 3 HH-60s but 6 HH-60 aircraft arrive. Your FOB has only 3 refueling points available.
 - a. Facilitator suggestion: have additional AC standby in the marshaling area until its clear.
2. You've been advised the AC will show up at night. What changes/adjustments to equipment and hazards will need to be assessed?
 - a. Facilitator suggestion: light carts (non-tactical)/ IR lighting tactical. Reflective belts. Flashlights for each member.
3. The refueling/servicing of 6 AC will deplete on site fuel reserves. What are the hazards to future mission capability? How would you mitigate those hazards?
 - a. Facilitator suggestions: Notify Command to resupply before depletion.
4. While refueling, one of the team members, sustains a life-threatening injury from a rotor strike. How do you respond?
 - a. Facilitator suggestions: Assess the injury and stabilize the injured member. Assess mission impact (Continued refueling capability due to loss of team member).
 - b. Suggest air evac critically injured member with one of the AC. How would this degrade your FOB's role in the operation? How does protecting the AC asset affect your manning?
5. The AC sustaining the strike now needs rotor maintenance and cannot be moved off the refueling point. What are the mission hazards? What can be done to restore mission capability?
 - a. Facilitator suggestions: Reestablish a new refueling point by moving the Pantograph. Zone the area around the AC. Red ball from another FOB?

6. Due to mission requirements, your location now needs to have an integrated combat turnaround (ICT) mission capability which will be operated by an independent weapon loading team. Once established, your team must operate in conjunction with the ICT team. What new hazards are introduced? What controls should be implemented?
 - a. Facilitator suggestions: What hazards are introduced with simultaneous operations? Suggest creating separate weapon loading and refueling zones? TO and other publication considerations?
7. The 6 AC divert back to your FOB after the mission and now require bed down. The crew will need to stay for 2 days. There are only enough tents and provisions for your assigned personnel. How do you support the additional members?
 - a. Facilitator suggestions: Ration supplies and request resupply. Crew rest in AC.
8. Due to a temporary loss of power, your water source is inoperable. Your FOB is down to one water buffalo. Your CES member stated the fix will take 2 days and you have 2 days of water based on previous consumption rates. Due to the loss of water, moral has been lowered. What are the implications? How do you restore moral?
 - a. Facilitator suggestions: How does this effect work operations? Do you reduce Ops Tempo, work/rest schedule? Fatigue issues? What other options may be available? Rationing water until resupply. What can we do for fun (moral builder) to overcome this? IE watching a movie in shade, etc.
9. The CES member informs you the generator appeared to be sabotaged. Wires were cut from inside the generator. There are non-friendly indigenous personnel in the area. What are your security concerns and how do you secure your assets?
 - a. Facilitator suggestions: Augment non SFS members to assist with security.