To be or not to be: Sitting Duck

A presentation and discussion about mobility solutions.

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What does mobility mean to you?

The ability to bridge short and long distances via, for example, a car or truck.
Determine vehicle needs…

1. Purpose of the mission/mission statement
2. Terrain
3. Local population/parties
4. Own resources
5. Method of deployment
1. Purpose of the mission/mission statement

Hypothesis;

“Our organization sets a clear program of requirements for our vehicles before the start of a mission”
1. Purpose of the mission/ mission statement;

a. This is the basis that determines which type of vehicle can be used.
b. Setting up a program of requirements for vehicles is a detailed process.
c. Make use of innovations in the automotive industry, allow SMEs and platforms like Fleet Forum to inform you about possible solutions.
Determine vehicle needs...

2. Terrain;

Hypothesis;

“"A 4x4 vehicle with offroad tyres will get me anywhere""
Determine vehicle needs…

2. Terrain;
   a. Operational and situational awareness via;
      i. weather forecast - known phases of the different seasons
      ii. use the knowledge of locals.
   b. The terrain determines your mobility and speed.
   c. How much time will it take me to get from point A to B?
How to achieve mobility?

3. Local population and other parties;
   a. Operational and situational awareness via;
      i. weather forecast - known phases of the different seasons
      ii. use the knowledge of locals.
   b. The terrain determines your mobility and speed.
   c. How much time will it take me to get from point A to B?
3. Local population and other parties;

Hypothesis;

“*The local population is not affecting my mobility*”
3. Local population and other parties;

a. Having operational and situational awareness is essential.

b. Security/intel reports;
   i. This will determine armored or non-armored
   ii. Is there an inbetween solution?
Determine vehicle needs...

Security/ intel reports; (source: insecurityinsight.org/projects/aid-in-danger/aid-security-digests)

In 2018, 171 aid workers were reportedly kidnapped in 21 countries. Nearly 50% of kidnapped aid workers are either still in captivity or their status is unknown. Source: Insecurity Insight
Determine vehicle needs...

Security/ intel reports; (source: garda.com/crisis24/country-reports/afghanistan

TRANSPORTATION

Transportation infrastructure (by road and air) in the country is severely underdeveloped and travel carries its own inherent risks. The poor state of roads, high crime rates (attacks, extortion, kidnapping, illegal vehicle checkpoints, etc.), and the ever-growing insurrection make highway travel extremely risky in both the countryside as well as on the outskirts of cities. Road travel outside urban areas should only be conducted on a case-by-case basis following an adequate risk assessment. Flying within Afghanistan is not necessarily safe either; Afghan airlines have notoriously lax safety and security standards and none of the domestic companies, including Ariana, Safi, Pamir, and Kam Air, are allowed to operate in European Union airspace for this reason.

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Determine vehicle needs…

Local population and other parties;
Use the knowledge of locals….
Determine vehicle needs…

3. b. Armored or non armored?

Often proven security and mobility solutions for military and armored vehicles can also be used for soft skin vehicles.

Examples of such products are;

- Central Tyre Inflation Systems/ beadlock
- Extended range auxiliary fuel tanks
- Wheels with run flat inserts
- Tyre sidewall protection
- Vehicle intercoms
4. Own resources;

Hypothesis;

“My vehicle supplier is responsible for supplying spare parts in a cheap and timely manner”
4. Own resources;

   a. Own resources greatly determine the deployability of the vehicles. Do you have your own capacity for carrying out repairs?
      i. Is my fleet manager fully aware of the need for spares?
   b. How quickly can we get spare parts?
   c. Ensure your logistics - maintenance/ spare parts
      i. You are the end user, is your vehicle builder/ supplier able to provide you with spare parts on time?
   d. Can the local population or companies support me?
5. Method of deployment;

Hypothesis;

“’My drivers are well trained and know the capabilities and limitations of the vehicle’”
5. Method of deployment;

a. How are you going to move with your vehicle during the mission?

b. Are you using your own drivers or local drivers?

c. Will you be driving alone or in a convoy?
   i. Often determined via a vehicle movement code

d. Do you have backup within reach?
   i. What’s a realistic timeframe for backup?
5. Method of deployment; **stay safe and on the move...**

Determine vehicle needs...
Questions?

I have a Question!