



OPSEC / PERSEC

The following was written to military families but also applies to military supporters. This is crucial to protect our service members. While our website and any future sites (forum, blog) that we may establish for our organization, we do take OPSEC seriously and this is why we do not show actual names either of the pet owners, and/or our foster home caregivers.

OPSEC, also known as Operational Security, are the principles that we should all abide by when talking about our soldiers. If you've been on any military related message board on the internet, you have more than likely seen a warning to be sure to practice OPSEC. This means protecting the information you know about your soldier and his unit.

Generally, it means that you should not give out the following:

- A soldier's exact location overseas
- Any information on troop movements - this includes any movement while they are deployed, in transit to / from theater, etc. Do not ever give dates.
- Any information on weapons systems, how they train or numbers - for this reason, many pictures from overseas can easily violate OPSEC

If your soldier is in a special operations unit, the OPSEC guidelines can be stricter. You may not be able to say he is deployed at all much less where he is. Always abide by the rules set forth by his unit. Just because it is on the news does not mean that you can talk about the issue. By talking about it, you are only verifying the information.

CORRECT: The pet owner is deployed in support of Iraqi Freedom or Enduring Freedom

INCORRECT: The pet owner is in XYZ Unit and is stationed at ABC Camp in XXX city in Iraq. Give only general locations IF his unit allows it. The above incorrect statement is way too much information.

INCORRECT: The pet owner's unit is returning from deployment and flying into XYZ Airport at 8pm next Tuesday. Never give dates or times for troop movements. This includes R&R dates as well as deployment dates. Planes have been known to be delayed for days or weeks because this information was made public by an excited spouse.

Deployment Tickers: Many wives like to use deployment tickers to count down their soldier's deployment. Never have a ticker that shows XX days until he returns. If you must have a ticker, then have one with the amount of time he has been gone. Finally, for your own personal safety, be very aware of what you are putting on the internet or in conversations in public. With the internet, it is not difficult to track down an address and phone number. Do not make yourself a target by letting the world know that your husband is deployed.

PERSEC

PERSEC: PERSEC is also known as personal security. Like OPSEC, this involves guarding the information that you know. Do not give out your soldier's name along with rank. Be vague about your personal information on the internet. This is plain common sense in just every day life -regardless of if your husband is in the military. The old saying loose lips sink ships still holds true today. Keep your soldier, your family and his unit safe by keeping the information you know to yourself. You never know who is lurking and gathering information on message boards, myspace pages and profiles, etc. Better safe than sorry!

Operational Security (OPSEC)

An Operational Security (OPSEC) Primer By the .S. Department of Energy: "Even minutiae should have a place in our collection, for things of a seemingly trifling nature, when enjoined with others of a more serious cast, may lead to valuable conclusion." - **George Washington**, known OPSEC practitioner

The Intelligence Puzzle: Intelligence collection and analysis is very much like assembling a picture puzzle. Intelligence collectors are fully aware of the importance of obtaining small bits of information (or "pieces" of a puzzle) from many sources and assembling them to form the overall picture. Intelligence collectors use numerous methods and sources to develop pieces of the intelligence puzzle . . .their collection methods range from sophisticated surveillance using highly technical electronic methods to simple visual observation of activities (these activities are referred to as indicators"). Information may be collected by monitoring radio and telephone conversations, analyzing telephone directories, financial or purchasing documents, position or "job" announcements, travel documents, blueprints or drawings,

distribution lists, shipping and receiving documents, even personal information or items found in the unclassified trash.

The Premise of OPSEC: The premise of OPSEC is that the accumulation of one or more elements of sensitive/unclassified information or data could damage national security by revealing classified information.

The Goal of OPSEC: The goal of OPSEC, as a "countermeasures" program, is to deny an adversary pieces of the intelligence puzzle.

Origin of OPSEC: There is nothing new about the principles underlying OPSEC. In fact, we can trace OPSEC practices back to the colonial days and the Revolutionary War. George Washington, our first president, was a known OPSEC practitioner. General Washington was quoted as saying, "**Even inutiae should have a place in our collection, for things of a seemingly trifling nature, when enjoined with others of a more serious cast, may lead to valuable conclusion.**" However, OPSEC, as a methodology, originated during the Vietnam conflict when a small group of individuals were assigned the mission of finding out how the enemy was obtaining. Advance information on certain combat operations in Southeast Asia. This team was established by the Commander-in-Chief, Pacific, and given the code name "**PURPLE DRAGON.**" It became apparent to the team that although traditional security and intelligence countermeasures programs existed, reliance solely upon them was insufficient to deny critical information to the enemy-especially information and indicators relating to intentions and capabilities. The group conceived and developed the methodology of analyzing U.S. operations from an adversarial viewpoint to find out how the information was obtained. The team then recommended corrective actions to local commanders. They were successful in what they did, and to name what they had done, they coined the term "**operations security.**"

OPSEC and Government Activities: Over the years it became increasingly apparent that OPSEC had uses in virtually every government program that needed to protect information to ensure program effectiveness. OPSEC professionals modified and improved techniques based on experience gained with many different organizations and in areas far afield from military combat operations. Today, OPSEC is as equally applicable to an administrative or research and development activity as it is to a combat operation. If OPSEC is not integrated into sensitive and classified activities, chances are that our adversaries will acquire significant information about our capabilities and limitations. It probably would have been difficult for the "Purple Dragon" team to foresee that, 20 years later, the methodology they developed would become a national program.

OPSEC at Home: You have probably been practicing OPSEC in your personal life without knowing it! When you are getting ready to go on a trip have you ever:

- Stopped the delivery of the newspaper so that they would not pile up outside and send a signal that you are not home? Asked your neighbor to pick up your mail so the mailbox would not fill up, also indicating that you are away?
- Connected your porch lights and inside lights to a timer so they would go on at preset times to make it look like someone is home?
- Left a vehicle parked in the driveway?
- Connected a radio to a timer so that it comes on at various times to make it sound like that someone is inside?

Well, guess what you did? You practiced OPSEC!

The critical information here is obvious - we do not want anyone to know the house is unoccupied. None of the actions (countermeasures) listed above directly conceal the fact that your residence is unoccupied. A newspaper on the lawn or driveway does not necessarily mean no one is at home. Newspapers in the yard or driveway are only an indicator to the adversary. That indicator, combined with other indicators, (no internal lights at night, mail stuffed in the Mailbox, etc.) will provide the adversary with the information needed to reach a conclusion with an acceptable level of confidence. In this case, the more indicators that the adversary is able to observe, the greater the level of confidence in his/her conclusion. When you eliminate these indicators, you have a much better chance of ensuring that your home is not burglarized while you are away. The same holds true at your place of work. We must protect our critical information and eliminate indicators available to the adversary.

THE FIVE-STEP OPSEC PROCESS

NSDD 298 formalized OPSEC and described it as a five-step process:

1. Identification of the critical information to be protected
2. Analysis of the threats
3. Analysis of the vulnerabilities
4. Assessment of the risks
5. Application of the countermeasures

Identification of Critical Information: Basic to the OPSEC process is determining what information, if available to one or more adversaries, would harm an organization's ability to effectively carry out the

operation or activity. This critical information constitutes the "core secrets" of the organization, i.e., the few nuggets of information that are central to the organization's mission or the specific activity. Critical information usually is, or should be, classified or least protected as sensitive unclassified information.

Analysis of Threats: Knowing who the adversaries are and what information they require to meet their objectives is essential in determining what information is truly critical to an organization's mission effectiveness. In any given situation, there is likely to be more than one adversary and each may be interested in different types of information. The adversary's ability to collect, process, analyze, and use information, i.e., the threat, must also be determined.

Analysis of the Vulnerabilities: Determining the organization's vulnerabilities involves systems analysis of how the operation or activity is actually conducted by the organization. The organization and the activity must be viewed as the adversaries will view it, thereby providing the basis for understanding how the organization really operates and what are the true, rather than the hypothetical, vulnerabilities.

Assessment of Risks: Vulnerabilities and specific threats must be matched. Where the vulnerabilities are great and the adversary threat is evident, the risk of adversary exploitation is expected. Therefore, a high priority for protection needs to be assigned and corrective action taken. Where the vulnerability is slight and the adversary has a marginal collection capability, the priority should be low.

Application of the Countermeasures: Countermeasures need to be developed that eliminate the vulnerabilities, threats, or utility of the information to the adversaries. The possible countermeasures should include alternatives that may vary in effectiveness, feasibility, and cost. Countermeasures may include anything that is likely to work in a particular situation. The decision of whether to implement countermeasures must be based on cost/benefit analysis and an evaluation of the overall program objectives.

OPSEC Laws

The First Law of OPSEC: If you don't know the threat, how do you know what to protect? Although specific threats may vary from site to site or program to program. Employees must be aware of the actual and postulated threats. In any given situation, there is likely to be more than one adversary, although each may be interested in different information.

The Second Law of OPSEC: If you don't know what to protect, how do you know you are protecting it? The "what" is the critical and sensitive, or target, information that adversaries require to meet their objectives.

The Third Law of OPSEC: If you are not protecting it (the critical and sensitive information), the adversary wins! OPSEC vulnerability assessments, (referred to as "OPSEC assessments" - OA's - or sometimes as Surveys") are conducted to determine whether or not critical information is vulnerable to exploitation. An OA is a critical analysis of "what we do" and "how we do it" from the perspective of an adversary. Internal procedures and information sources are also reviewed to determine whether there is an inadvertent release of sensitive information.