

# Why is Space the Best Job in the Army?



"If I understood the question, 'why Space is the best place to work,' I would tell you this. From my foxhole it is an acknowledgement that you have mastered your military occupation skill as a Soldier. And you have been recognized by that in order to go and do graduate level work that has a very relevant mission set in support to the Warfighter in many different ways throughout all of our services and the other agencies throughout Department of Defense."

CSM Kevin B. McGovern  
Former 1st Space Brigade Command Sergeant Major



"We have a real world mission every day 24/7 365 that truly makes a difference, we are not a unit that just comes to work to clean a motor pool. Our Soldiers understand the true meaning of maintenance because their equipment is used every day to provide the blanket of freedom that keeps our Soldiers out of harms way and allows the American public to sleep peacefully each and every night. As other units rotate in and out of harms way and return to home station for R&R our Soldiers perform their war time mission for their entire 3 year tour 24/7 365, going home each and every night with that the feeling of job satisfaction providing that blanket of freedom. I know of no other unit in the Army that provides that feeling"

1SG Steven M. Adams  
1st Space Company, 1st Space Battalion, 1st Space Brigade



“Space is the Best Job in the Army primarily because there is very little the Army (or the world) does that does not pass through our Battlespace. It is for that reason, and the fact that we train our personnel to be innovative thinkers and problem solvers that Commander’s rely upon Space Officers for expertise and advice. Because our role resides in a Domain (Space) rather than a single Warfighting Function we frequently have more latitude and awareness in our range of technological solutions to complex problems.”

LTC SCOTT PARKS  
FA40, Chief, G3/Plans/Integrated Missile Defense



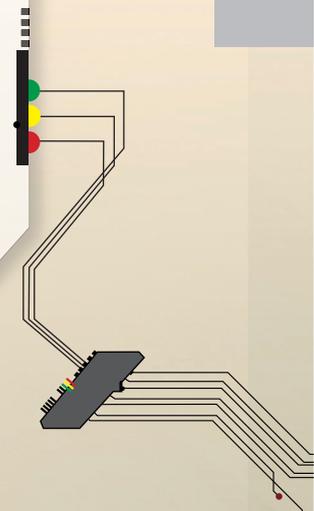
“Being involved in the military space business is fresh, new, and always a challenge when discovering new ways to bring a capability to the force. There is satisfaction when members of the military recognize and then implement the unique advantages that space systems bring to a military operation. Most anyone can integrate and synchronize the ground, air, and maritime systems for military operations; however, not many can even fathom the full array of space capabilities let alone bring them to bear in the fight. Realizing success in bringing the full spectrum of systems to the fight provides the military space operator a most excellent sense of accomplishment.”

Tom Gray  
Education and Training Specialist  
Director of Combat Development Training Branch



“Take a look at the people we work with! They are extremely competent professionals, motivated to take on some of the most complex challenges we face in the Army! Take a look at the wide range of missions we support; glancing at the SURF we use to monitor our careers, we see a wide range of exciting possibilities in which we can get involved, from missile defense to Space control ... I can’t think of any other field that offers as broad of a range of operational opportunities.”

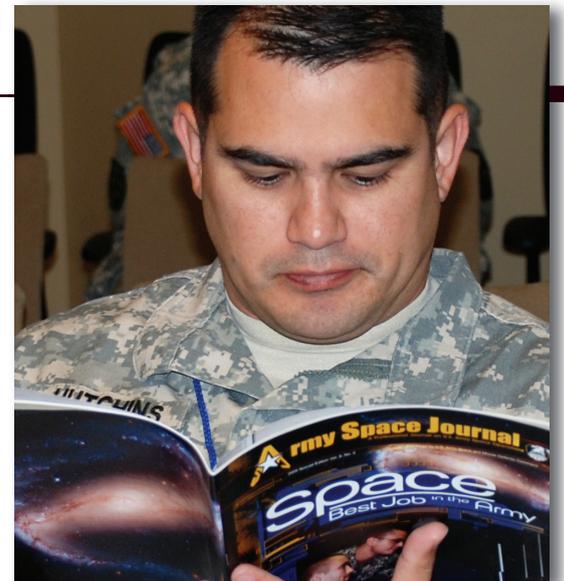
MAJ Alexander Braszko Jr.  
FA40, Space Operations Officer  
HQDA, ODCS, G2

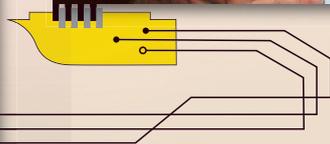


# Camaraderie



**FA40s** from around the world gathered for the 2009 Army Space Cadre Symposium to share ideas, express concerns and get the latest and greatest on technology. Clockwise from top right: Members of the Army Space Cadre listen intently to one of many presentations. Mike Connolly, Army Space Personnel Development Office, kicks off the conference. 1st Space Battalion Commander, J. Dave Price gives animated feedback during a discussion. MAJ Kengi Hutchins, USASMDC/ARSTRAT Future Initiatives peruses the Special Edition Army Space Journal that was printed exclusively for the symposium. Retired Army LTG Ed Anderson, and COL Michael Yowell, USASMDC/ARSTRAT Senior National Guard Advisor give their undivided attention to one of the presenters. (Left to right) 1st Space Brigade Commander, COL Jeffrey Farnsworth, makes a comment under the watchful eyes of COL Patrick Rayermann, Director, Communications Functional Integration Office, National Security Space Office, Michael Connolly, FA40 Personnel Proponency Office and BG Kurt Story, Deputy Commanding General for Operations, USASMDC/ARSTRAT. *Photo by DJ Montoya, 1st Space Brigade PA*





# Why Does Space Matter ?



“Space is a global operating system that drives the world networks and economies. SATCOM satellites provide the connectivity between civilian and military organizations for communications, internet, and banking operations. The ISR satellites provide military intelligence and weather information for commercial and military use and the GPS satellites provide the accurate timing required to ensure the effective and efficient transfer of spread spectrum information for networks, data links and communications across the globe.

Without the Space segment, the information flows from around the world would be severely restricted and reduce the ability of the warfighter to ensure success in a combat environment.”

Robert “Hawg” Haseloff  
Warfighter Support Division  
Joint Navigation Warfare Center



“We live in an extremely complex world. The more technologies advance, the more our reliance on Space systems and Space enabled capabilities grows. Existing and potential adversaries recognize our reliance on those Space systems and they understand the advantages Space systems offer us. As a result, they are attempting to level the playing field in their favor by either growing their own Space capabilities or targeting our own. Therefore it is vital we secure and continue to optimize the advantages Space affords us. This is why Space matters.”

MAJ Alexander Braszko Jr.  
FA40, Space Operations Officer  
HQDA, ODCS, G2



“To the common person, the capabilities that space brings to everyday life is much like oxygen; one can’t perceive it with the senses, but just try and do anything without it. Warfare without space-based support would set the military back to the days of line of sight communication, large massed forces, and placing more personnel directly into harm’s way. We look to the technological advantages that space brings to better engage the enemy with fewer resources, less collateral damage, and more secure operations for the soldier on the battlefield.”

Why does space matter? Because it saves lives.

**Tom Gray**  
Education and Training Specialist  
Director of Combat Development Training Branch



“FM 3-0 covers the key Battle Command components: Understand, Visualize, Describe and Direct. Warfighting commanders at every level implement these components through implementation of Space capabilities. For example, commanders request and receive up-to-date imagery through the Commercial Imagery Teams (CIT) and Army Space Support Teams (ARSST), giving them the ability to better understand and visualize their ever-changing battlespace. Relying heavily on Satellite Communications (SATCOM), commanders are able to visualize operations utilizing friendly force tracking systems and Unmanned Aerial Systems (UAS), giving them the ability to clearly describe intent to their subordinates and adjacent units. Lastly, a commander’s job is to direct; protected SATCOM allows this to happen in adverse and harsh conditions, making the difference when it counts. While many Space capabilities have become “normalized” and occur in the background, they are by no means stagnant, but remain vitally important to the Warfighter.

Space capabilities save lives. I look back at the Vietnam era Soldier and think about the effect current capabilities could have had. The Vietnam Soldier did not have a GPS, he did navigation with a map and protractor; he sometimes got dropped off at the wrong LZ, he sometimes had artillery fall in the wrong place. The Vietnam Soldier did not have robust long-haul communications capable of moving large amounts of voice and data, allowing him to better understand, visualize, describe and direct forces. The Vietnam Soldier did not have advanced missile warning to protect him and give him the notice necessary to save lives. The basic tenets of Warfighting have not changed in the last 30 years – shoot, move, communicate. What has changed is the ability of Space to make these tenets better; to help the Warfighter gain situational awareness through timely terrain and imagery data and friendly force tracking. In this day of “normalized” Space, many of the capabilities are taken for granted, but they nevertheless are vital to the Warfighter and his mission. The ground Warfighter doesn’t care how in-flight ballistics affects a Hellfire missile; he cares about it taking out the bunker he’s receiving persistent sniper fire from. Likewise, the Warfighter doesn’t care about the fact that his communications are traveling thousands of miles through Space, he just wants them to get through. Space professionals often struggle with the question of whether they are truly having an impact; as a Warfighter who, prior to becoming an FA40, has had to unknowingly use Space to accomplish my mission, I say keep up the good fight!”

**MAJ Glen R. Hees**  
G3, Training, Readiness and Exercise Division Chief,  
Training and Readiness Branch