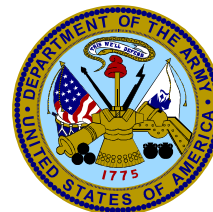




## BIOGRAPHY

*UNITED STATES ARMY*



### **Chief Warrant Officer Five (CW5) Russell A. Gaines**

Senior Geospatial Intelligence Staff Officer  
The National Geospatial-Intelligence Agency  
Springfield, VA

Senior Geospatial Engineering Technician and Subject Matter Expert. Support and advice in the building of agile Geospatial-Intelligence (GEOINT) environments on multiple domains that support warfighter mission and operation, Homeland Security/Defense, Humanitarian and Disaster Relief Operations. Support and strategize on emerging sciences and technologies to bring about innovative tools, techniques, process and procedures that maintain joint service tactical edge. Enrich and allow development of GEOINT Online with the creation of intuitive web based environments for seamless access to content, data, textual analysis, physical features, imagery, imagery intelligence, and geospatial information. Leverage interoperable collection, processing, and exploitation capabilities of traditional and nontraditional sources to enable web based sharing of GEOINT data through the use of self-service, assisted service, and full service exploitation of key intelligence.

CW5 Gaines served as TRADOC Capability Manager–Geospatial coordinator and Subject Matter Expert to the United States Army Engineer School and the Distributed Common Ground System-Army (DCGS-A) staff in support of geospatial software and hardware configurations for the Digital Topographic Support System (DTSS) migration to the Geospatial-Intelligence Workstation (GWS). He synchronized Doctrine, Organization, Training, Material, Leadership & Education, Personnel, and Facilities (DOTMLPF) of geospatial capabilities being developed for Army Command and Control systems. He ensured Army Command and Control systems were developed with the capability to integrate the Standard Sharable Geospatial Foundation (map background), specialized geospatial intelligence products and formats, and geospatial intelligence web based services and globe. This allowed for interoperability and ease of use, allowed commanders a common understanding of their operational environment. CW5 Gaines routinely and effectively communicated geospatial requirements to the Army staff, the National Geospatial-Intelligence Agency, the Army Geospatial Center, the DCGS–A staff, and elements of the active Army force, National Guard, and Army Reserve.

CW5 Gaines serves as the Geospatial Subject Matter Expert facilitated Geospatial Intelligence (GEOINT) cross training of military intelligence and Engineer Soldiers; supported the development and revision of joint doctrine for geospatial information, imagery, and imagery intelligence production; integrated emerging concepts, new technologies and prototype systems that support joint doctrine, training, and policy.

A native Virginian, CW5 Russell A. Gaines was born in Richmond, Virginia and reared in King William County, Virginia. CW5 Gaines entered active duty on 31 July 1980 as a Nuclear Weapons Specialist (55G), then a Nuclear Weapon Technician (911A) until involuntary reclassification to Geospatial Engineering Technician (125D). His assignments as a Nuclear Weapons Warrant Officer and NCO include: Two tours in Germany (Muenster-Dieburg and Siegelsbach where he supported REFORGER operations), Redstone Arsenal, Alabama; Fort Riley, Kansas; Kusan Air Force Base, Korea; and Fort Meade, Maryland culminated a successful and rewarding Army Nuclear Weapons' career path.

CW5 Gaines' previous assignments as a Geospatial Information/Engineering Technician Warrant Officer includes: Commander, 25<sup>th</sup> Engineer Detachment (Terrain), Schofield Barracks, Hawaii where he deployed his detachment (-) to Haiti in support of OPERATION UPHOLD DEMOCRACY; Senior Terrain Analysis Technician for the Pacific Command (PACOM) area of operation, 29<sup>th</sup> Engineer Battalion, 70<sup>th</sup> Engineer Company, Fort Shafter, Hawaii; XVIII Airborne Corps Terrain Analysis Technician and Theater Terrain Analysis Technician, 30<sup>th</sup>

Engineer Battalion, S-3 Topographic Section Fort Bragg, North Carolina where he deployed to Bosnia in support of OPERATION JOINT GUARD serving as Terrain Analysis Technician for the Multinational Mine Action Center; 5<sup>th</sup> Engineer Detachment (Planning and Control), 29<sup>th</sup> Engineer Battalion (Topographic), Fort Shafter, Hawaii where his team provided analysis and terrain products in support of EAST TIMOR OPERATION, ULCHI FOCUS LENS, YAMA SAKURA, COBRA GOLD exercises; NGA certified Master Instructor and Chief of a 32-person Geospatial Analysis Division, The School of Geospatial-Intelligence where he facilitated Army and Marines geospatial institutional and advanced geospatial training; Instructed the Geospatial Information Warrant Officer Basic and Advanced Courses and managed the Advanced Terrain Analysis Course (BNCOC); Geospatial Engineering Staff Officer for NGA Support Team, National Geospatial-Intelligence Agency where he twice deployed as the Operations Officer, National Geospatial-Intelligence Agency's Task Force-Iraq in support of OPERATION IRAQI FREEDOM where he administered NGA and National Security Agency embed program within Army Brigade Combat Team's Signals Intelligence Operations to include expert detailed presentation of NGA products and services; Served as manager and GEOINT trainer, coordinated equipment, personnel, and communication activities for NGA analysts embedded with the National Security Agency's Cytological Support Teams, further integrated into the Signals Intelligence Platoon at the brigade combat level.

CW5 Gaines formal education includes: A Master's Degree in General Administration, Central Michigan University-2001, Bachelor's Degree in Human Resources Development, Hawaii Pacific University-1996, and an Associate's Degree in General Studies Central Texas College-1993.

Awards and decorations include: Defense Meritorious Service Medal (2<sup>nd</sup> award), Meritorious Service Medal (3<sup>rd</sup> OLC), Joint Service Commendation Medal, Joint Service Achievement Medal, Army Commendation Medal (2<sup>nd</sup> OLC), Army Achievement Medal (6<sup>th</sup> OLC), Good Conduct Medal (3<sup>rd</sup> OLC), Iraqi Campaign Medal (2<sup>nd</sup> bronze star), Global War on Terrorism Medal, National Defense Service Medal (2<sup>nd</sup> bronze star), Armed Forces Expeditionary Medal (2<sup>nd</sup> OLC), Humanitarian Service Medal (2<sup>nd</sup> OLC), NCO Professional Development Ribbon (1 notch), Army Service Ribbon, Army Overseas Service Ribbon (5<sup>th</sup> OLC), NATO Medal, Air Assault and Driver's Badges, and Joint Meritorious Unit Award (2<sup>nd</sup> OLC).