William Hinrichs

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# Career Summary

Geospatial Imagery and Intelligence Analyst with 14 years of experience working with Department of Defense entities and combatant commands to include the U.S. Army, CENTCOM in support of counterterrorism and NORTHCOM working with Joint Task Force, Joint Special Operations and counter drug trafficking elements. An intelligence professional with a longstanding record of dedicated service and achievement in leading and managing varied intelligence programs as a Soldier and contractor from the Company to echelons above Corps.

**Security Clearance:** Active Top Secret/SCI

**Certifications**

* SPEC 2201/ Multi-Spectral Analysis - 2023
* AVID Pro Tools -2022
* GEOINT Professional Certification Fundamentals (GPC-F) – 2019
* Geospatial Information Systems - 2019
* Aerial GEOINT Payload Operator Course - 2016
* Information Technology Certification – 2016
* Lean Six Sigma – 2017

**Education**

* M.S. Geography | University of Georgia | In Progress, (Anticipated Graduation May 2026)
* B.S. in Information Technology | Columbia Southern University | Aug 2024
* B.S. in Music Production | Full Sail University | March 2023
* A.A. in General Studies | Columbia Southern University | May 2016
* Geospatial/ Intelligence Analysis | Military Intelligence Center of Excellence | 2011
* High School Diploma | Alamogordo High School | May 2007

**KEY QUALIFICATIONS**

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| * Digital and Analog Mixing
* Mixing Techniques
* Mastering Techniques
* Recording
* Music Editing
* Problem Solving
* Excels at Multitasking
* Program Development
* Continued Self-Development
* Detail Orientated
 | * Strong Communicator
* Methodical Thinker
* Customer-Focused
* Highly Adaptable
* Expert Technical Guidance
 | * Project Management
* Team Building/Player
* Initiative-taker
* Highly Analytical
* Oral/Written Communication
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# Professional Experience

## SENIOR GEOSPATIAL/ INTELLIGENCE ANALYST/ IMAGERY ANALYST/ FULL MOTION VIDEO ANALYST

GeoOwl LLC/ 513th MI BDE Integrated GEOINT Division (IGD)

August 2018 - Present

* Currently works as subject matter expert on the Violent Extremist Organization/ Special Projects team within the 513th MI BDE. Assists government counter parts with Requests for Information (RFI), production, and administrative duties. Works with and trains analysts on advanced imagery and on enemy entities’ Tactic Techniques and Procedures (TTP) and Pattern of Life (PoL) movements.
* Communicates with various defense entities to include CENTCOM and SOCOM on providing information and assessments on current targets. Works with leadership in multiple levels to support mission requirements.
* Expert in Synthetic Aperture RADAR (SAR), Electro-Optical (EO), Multi-Spectral Imagery (MSI), Moving Target Indicator (MTI), Light Detection and Ranging (LiDAR), Overhead Persistent Infra- red (OPIR), Geospatial Information and Services (GIS), geospatial data processing, analysis and modeling, and general intelligence analysis.
* Expert knowledge in intelligence operations at defense level, fusion, collection, and dissemination. Extensive experience supporting decision making and special projects on integration issues, including the preparation, production, and coordination of written products and briefings for senior stakeholders.
* Image scientist within the 513th MIB IGD. Conducts comprehensive research and analysis of insurgent, counterinsurgent, and/or foreign military ground forces and their operations, capabilities, tactics, techniques, and patterns to support intelligence products for the Special Operations Forces (SOF) community and CENTCOM. This provided mission support by identifying and detailing trends, patterns, and relationships for given targets; thus, assisting US and Coalition forces with attempting to dismantle key figures and organizations that pose a threat to US/coalition interests and personnel. Help train and enable the team to synthesize multiple sources of information to present analysis directly and concisely to customers with limited time while adhering to standing dissemination guidance at the Theater, Combatant Commands (COCOM) and Intelligence Community (IC) levels. Utilized a multi-discipline intelligence approach to help answer complex, real-world problems.
* Serves as the recognized authority for assigned geographical and functional areas, researches and analyzes FSG products, including Synthetic Aperture Radar (SAR), Electro-Optical (EO), Infrared (IR), Multi-Spectral Imagery (MSI), GMTI, Hyper-Spectral imagery (HSI) products, utilizing specialized software (including SOCET, ENVI, Google Earth, and ArcGIS) in a time-critical, web-based environment.
* Has a proven ability to adapt to the given situation and analyze complex problems under pressure. Garnered the trust of members of the Special Operations Forces (SOF) community and have been recognized for his technical expertise and mission support. The reporting provided a robust understanding and situational awareness of the dynamic environment in given operationally focused areas, resulting in actionable intelligence to decision-makers in theater.
* Executed management and communications skills to help develop a high-performance team that is flexible, adaptable, and responsive to the ever-changing Counter-Terrorism (CT) and counterinsurgency environment. With his assistance, the CT team collaborated to pool expertise and provide comprehensive answers to questions of national security concerns while also achieving organizational goals.
* Collaborated and corroborated with the 513th data scientists, the NGA, and the USASOC to generate new avenues of approach, methodologies, implications, and outlooks for decision-makers in theater.
* Developed an understanding of customer requirements, recommended specific data sources/assets to satisfy mission needs. Assessed mission issues and developed resolutions to meet productivity, quality, and customer/organization satisfaction goals and objectives.
* Extensive knowledge and background in intelligence operations providing needs, capability gaps, and capability requirements support to policy, planning, and/or operations strategy/development for a variety of disciplines. Ability to communicate complex information clearly, concisely, and in a manner that is targeted to and meets the needs of diverse audiences, to include decision-makers within the IC.

## MUSIC PRODUCER/ MIXING/ MASTERING ENGINEER

L&W Studio/ EngineEars – Self Employed

Jan 2022 – Present

* Multi track recording, to include drums, guitar, bass guitar and vocals from home studio
* Two track mixing
* Mastering music and audio for various streaming services
* Full STEMs Mixing
* Proficient in Pro Tools and Logic Pro X Digital Audio Workstations
* Familiar with third party plugins such as Izotope, Waves, Antares Auto Tune and Universal Audio
* Ability to adapt to all music genres and assist artists with their needs in recording, production, mixing and mastering
* Manage the set up for recording sessions.

## STANDARDIZATION/ FLIGHT INSTRUCTOR/ IMAGERY ANALYST/ SENSOR OPERATOR/ NON-COMISSIONED OFFICER

204th MI BN (AR) – Fort Bliss, TX

July 2012 to August 2018

* Stood up mission and creating Tactics, Techniques, and Procedures for the Operation Inherent Resolve mission in Iraq 2014.
* Worked with pilots on creating Standard Operating Procedures for OIR 2014.
* Improved mission readiness in seven days in order to conduct mission.
* Provided direct support of Special Operations Units throughout three deployments to Afghanistan and Iraq.
* Conducted multiple kinetic strikes, helicopter assaults, ground assaults, and vehicle interdictions.
* Conducted pattern of life operations.
* Created full motion products to include snapshots of target areas.
* Progressed 35N crewmembers during live mission with no experience in sensor operations.
* Senior Analyst and Instructor for exploiting both full motion video, sensor operations and imagery.
* Assisted with the update of the ARL-M Commanders Task List update for sensor operators.
* Integrated and instructed over 100 35G Non-rated Crewmembers on Sensor Operator tasks, Joint Publications and Doctrine, Tactical Radio Communications and additional tasks.
* Integrated over 100 crew members into the Centralized Aviation Flight Record System (CAFRS).
* Flew over 1800 incident free flight hours CONUS and OCONUS as an aerial sensor operator and instructor.
* Conducted over 300 operations in support of SOCOM and additional Special Operations Forces.

• Worked closely with technical support personnel to maintain awareness of technical difficulties and potential impact to operations.

* Conducted multiple Battalion level exercises as a Flight Instructor.
* Trained over 100 crewmembers to Readiness Level 1 and Crew Chief.
* Instructed on the importance of flight safety and emergency procedures.
* Direct counter narcotic and human trafficking support with Customs and Border Protection.
* Trained new crew members on airspace management and near border operations.

## MISSION MANAGER/ IMAGERY ANALYST

B CO 532nd MI BN – South Korea

June 2011 to June 2012

* Assisted the Brigade intelligence shop in 24-hour intelligence operations, including fusion cell and imagery analyst products.
* Conducted Tactical Ground Intelligence training with Unmanned Aerial Vehicles in support of Company level training operations.
* Produced advanced geospatial products including Ground Moving Target Indicator (GMTI) imagery products.
* Certified as a Tactical Ground Station operator (TGS) to run and troubleshoot a mobile processing, exploitation, and dissemination station (PED) in order to provide near real time analysis of full motion video (FMI/FMV), moving target indicators (MTI) and national technical means (NTM) imagery through the use of the TGS and onboard antenna suite to include secured downlink (SCDL) for MTI, AM/FM antenna, TV antenna, satellite (SAT) downlink/uplink antenna, Global Broadcast System (GBS) parabolic dish (for imagery), mobile directional antenna system (MDAS) for MTI.

**EXPERT KNOWLEDGE – GEOINT | COMMERCIAL SOFTWARE**

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| * SOCET
 | * MAAS
 | * ETPR
 | * VAP
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| * ENVI
 | * GETS
 | * AGITK
 | * TLV
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| * ArcMap
 | * ARC 231 Radios
 | * NES
 | * Google Earth
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| * Wescam MX sensor series
* ARC 210 Radios
* VBS3
* CAFRS
 | * Remote View
* Orion- E and Orion systems
* Meta VR
 | * NGA Libraries
* C- Band Digital Rover
* BLOS
 | * Microsoft Office
* Team Speak/ Discord
* mIRC/ Chat Surfer
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