Randall Rowland, CISSP
Security Engineer

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Personal Profile

Randy Rowland is a Security Engineer with 18+ years of military expertise in electronic warfare and intelligence operations, transitioning to a more cyber security-centric career path. Acknowledged for securing and maintaining ground/airborne systems and delivering rapid network issue resolution. Proficient in diverse technical skills spanning networking, security protocols, and stakeholder compliance, establishing mission protection. An adept leader who is skilled in aligning programs with priorities, fostering innovation, and optimizing personnel performance for complex operational success. Seamlessly transitioning into a cyber security focus, leveraging a dedicated track record and comprehensive experience to safeguard critical assets, fortify data integrity, and drive cyber security initiatives.

Active TOP SECRET/SCI Security Clearance

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Security Engineer
United States Air Force, September 2023 - Present

- Integrated Security Education Training & Awareness (SETA) program into organization's culture
- Analyze and evaluate security operations to identify risks or opportunities for improvement through auditing, review, or assessment
- Assess risks to mitigate potential consequences of incidents and develop a plan to respond to incidents
- Attend meetings, professional seminars, or conferences to keep abreast of changes in executive legislative directives or new technologies impacting security operations

Cyber Security Liaison
United States Air Force, October 2022 - September 2023

- Architected 9 SharePoint sites, enabling seamless collaboration for 94 users with 12K+ documents, and fortified data security through Role-Based Access Controls (RBAC), granting precise access to 700+ employees
- Executed IR checklist for two incidents to maintain the confidentiality of classified data
- Established new user account privileges; authorizes uers, maintains access controls; performs ongoing security reviews; reports security breaches distributes security information and install software and updates
- Focal point for organizational computer related activities, provides guidance on technical aspects of computers and system use to organization users

Network and Computer Systems Administrator
United States Air Force, November 2018 - Present

- Secured a crucial $40.7K satellite contract, successfully revitalizing secure communications and amplifying aircraft capabilities throughout the Middle East region
- Authored comprehensive systems training encompassing encrypted data link operations, effectively preparing the team for large-scale exercises
- Maintain and administer computer networks and related computing environments including computer hardware, systems software, applications software, virtual machines, and all configurations
- Diagnose, troubleshoot, and resolve hardware, software, or other network and system problems, and replace defective components when necessary

Production Planning Director
United States Air Force, October 2021 - Present

- Led 2 teams in the production of daily flying operations executing $17 million dollar flying program
- Revamped scheduling process to double annual flights from 400 to 800
- Devised 21 Power Automate tasks, streamlining approvals and reminders to eradicate potential errors and maintain data integrity for 80+ employees within 4 months
- Implemented cloud-based workflow utilizing Microsoft Teams, SharePoint, and OneDrive; enabled remote-work, data loss prevention (DLP), and Role-Based Access Controls (RBAC) for collaboration of 975 customers

Logistics Manager
United States Air Force, January 2021 - September 2021

- Managed and planned for logistics policies, objectives, and initiatives
- Oversaw digital transformation, moved processes into Microsoft Teams
- Responded and resolve complaints and problems associated with travel and shipping of military equpiment and personnel
- Optimized workflow and trained employees Managed inventory and record keeping, monitored budget

Deputy Chief Operating Officer
United States Air Force, August 2020 - January 2021

- Provide expert insight into people and organizational issues by translating business strategies and into appropriate HR and organizational actions
- Provide counsel to leadership team in areas of employee relations, employee performance, employement law, HR policies, procedures, and processes
- Recommend and develop clear, actionable steps in support of overall business strategy
- Lead and oversee information security budget, staffing, and contracting

Training and Development Manager
United States Air Force, April 2018 - July 2020

- Supervised 36 employees; conducted performance evaluations, swiftly identifying and remedying human performance gaps, and offered constructive feedback to foster personnel growth
- Automated annual training reports saving over 300 hours/year
- Developed new training programs and improved existing programs based on organization's training requirements
- Implemented Kanban task management system within workcenter, enabling a pull workflow and accomplishing tasks on-time

Flight Operations Resource Manager
United States Air Force, August 2017 - August 2018

- Guided US Air Force's $171 million flying program - enabled over 21,000 flights
- Tracked daily flight requirements - maximized airspace utilization
- Organized 46 working groups between 9 US agencies and South Korea
- Designed SharePoint workflow to automate sensitive flying operations requests between 4 departments

PROCUREMENT MANAGER
United States Air Force, August 2015 - July 2017

- Formulated meticulous policies, standards, and procedures orchestrating an OpenVMS to RHEL migration, ensuring uninterrupted multi-user computer system functionality
- Customized Linux references, seamlessly integrating them into the organization's standard operating procedures
- Coordinated acquisition and integrated $10 million server upgrades across 16 aircraft
- Co-authored requirements documents; Capability Development and Capability Production Documents (CDD & CPD) and AF Forms 1067s

SENIOR NETWORK & COMPUTER SYSTEMS ADMINISTRATOR
United States Air Force, January 2006 - July 2017

- Audited junior admins' computer and network operations to verify STIGs and organizational policies were followed
- Conducted performance evaluations for 57 admins, swiftly identifying and remedying human performance gaps, and offered constructive feedback to foster personnel growth
- Identified a closed port within a firewall; skillfully reconfigured settings across 3 firewalls to reestablish vital communication between airborne and ground IT systems
- Pioneered training for 20 junior admins, imparting expertise in emerging computer systems and software, resulting in enhanced aircraft capabilities

EDUCATION AND DEVELOPMENT MANAGER
United States Air Force, February 2014 - August 2015

- Compiled 7,650 training requirements for 5 departments into a single report, identified 3 critical training deficiencies, and advised senior management on corrective actions
- Develop new or identify existing awareness and training materials that are appropriate for intended audiences
- Review training documentation (e.g., Course Content Documents [CCD], lesson plans, student texts, examinations, Schedules of Instruction [SOI], and course descriptions)
- Developed grading and proficiency standards, learning objectives and goals, and on-the-job training materials or programs

QUALITY ASSURANCE SUPERVISOR
United States Air Force, March 2011 - February 2014

- Developed and implemented a Microsoft SharePoint compliance library with 1,657 files, 351 folders, and 152 links, providing quick access to 209 organization members
- Maintained a physical policy and compliance library of over 325 documents, ensuring that they were up-to-date, accurate, and accessible to 209 employees
- Led a 3-member team to review 204 flight evaluation records, discovered and corrected 104 discrepancies, and restored the unit's compliance with enterprise regulations
- Administered semi-annual performance exams to 204 members and completed the exams 20% faster than organizational standards

INFORMATIONS SYSTEMS SECURITY OFFICER
United States Air Force, February 2008 - March 2011

- Created an extensive TEMPEST plan to restructure 5 offices, executing stringent security protocols for safeguarding classified data across more than 1,000 feet of LAN and phone cables
- Managed $436 thousand IT budget and 535 computer systems
- Recommend resource allocations required to securely operate and maintain an organization's cybersecurity requirements
- Continuously validate the organization against policies/guidelines/procedures/regulations/laws to ensure compliance

COST ESTIMATOR & PURCHASING AGENT
United States Air Force, February 2008 - March 2011

- Oversaw a $196K budget for travel, uniforms, and general purchases
- Reviewed and approved 21 travel requests; utilized cost comparisons that saved $2,700 and eliminated a two-week backlog
- Implemented a change to the mode of ground travel that saved the organization $1,755 annually
- Negotiated contracts with vendors to secure the best possible prices

STUDENT
United States Air Force, June 2005 - December 2005

Learn military and leadership principles. Complete technical school geared towards maintaining, troubleshooting, and fixing IT systems. Covered electronic principles, networks, data links, radios, software, and hardware.

CREW MEMBER
McDonald's Corporation, April 2001 - June 2005

Worked with teams to ensure proper storage and handling of food. Coped with different people and problem solving. Maintained equipment such as oven/grill in proper condition. Adapted to pressure, responsible, organized, and hardworking.

TECHNICAL SKILLS

Project Planning	Kanban	IT Systems
Staff Scheduling	Systems Design	

SOFTWARE

Operating Systems	Git	Proxmox
Microsoft 365	Jira	Wireshark
SolarWinds	pfSense	

EDUCATION

MASTER OF SCIENCE, CYBER SECURITY
Southern New Hampshire University, Manchester NH - 2024

BACHELOR OF SCIENCE, CYBER SECURITY
Southern New Hampshire University, Manchester NH - 2022

BACHELOR OF SCIENCE, COMPUTER SCIENCE
American Sentinel University, Denver CO - 2017

ASSOCIATE IN APPLIED SCIENCES, INFORMATION SYSTEMS
Community College of the Air Force, Maxwell AFB AL - 2014

CERTIFICATIONS

Certified Information Systems Security Professional (CISSP)
(ISC)², October 2021 - September 2024

Cybersecurity Analyst+ (CySA+)
CompTIA, November 2023 - November 2026

Security+
CompTIA, May 2020 - November 2026

Network+
CompTIA, June 2019 - November 2026

Server+
CompTIA, January 2020

Linux+
CompTIA, July 2019

LPIC-1: Linux System Administrator
Linux Professional Institute, July 2019 - July 2024

Security Analytics Professional
CompTIA, November 2023 - November 2026

Network Infrastructure Professional
CompTIA, January 2020 - November 2026

Linux Network Professional
CompTIA, July 2019 - November 2026

Professional Manager
Community College of the Air Force, April 2017

Advanced Joint Interoperability Control Cell Operator
Joint Interoperability Division Training Center, May 2021