

ZACKARY P. ROGERS

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CW4 | Active Secret Clearance | U.S. Citizen | Valid Texas Class C Driver's License | Civilian Availability: September 2026

PROFESSIONAL SUMMARY

Operations, policy, and data-driven process improvement leader with 20+ years of military experience optimizing high-reliability aviation, maintenance, logistics, training, safety, and analytics organizations. Current Logistics Management Officer / Aviation Maintenance Officer leading a 68-person aviation maintenance and logistics organization through 12 direct reports, including 6 supervisors, while supporting a 16-helicopter fleet valued at approximately \$30M per aircraft plus approximately \$30M in supply and equipment. MBA in Data Analytics with strength in Power BI automation, executive briefings, policy memos, SOPs, budget justification, stakeholder coordination, and local public infrastructure governance.

CAREER HIGHLIGHTS

- Improved fully mission-capable rate from 11% to more than 60% through root-cause analysis, workflow redesign, accountability systems, metrics, and disciplined follow-up.
- Built 5 Power BI dashboards and automated reporting products using Army systems, SAP, Vantage, Excel, and related operational data sources.
- Reduced recurring reporting workload by approximately 90 labor-hours per week across 6 personnel while improving data visibility, reporting consistency, and leadership decision speed.
- Lead maintenance and logistics priorities supporting 16 helicopters valued at approximately \$30M each, plus approximately \$30M in supply and equipment.
- Brief General Officers and federal officials on operational performance, readiness, risk, resource requirements, and strategic initiatives.
- Serve as Director for Harris County MUD 354, contributing to local public infrastructure, municipal utility governance, and resident-focused accountability.

CORE COMPETENCIES

Public-Sector Operations Leadership	Policy & Decision Briefs	Budget / Resource Justification
Power BI Dashboards & Automation	Operational Analytics & KPIs	Process Mapping & Workflow Redesign
Root-Cause Analysis & Forecasting	SOP Development & Standardization	Stakeholder Coordination
Aviation Maintenance & Logistics	Infrastructure / Utility Governance	Executive Communication

PROFESSIONAL EXPERIENCE

Logistics Management Officer / Aviation Maintenance Officer | Houston Army Aviation Support Facility, Houston, TX | 2024-Present

- Lead a 68-person aviation maintenance and logistics organization through 12 direct reports, including 6 supervisors, supporting 16 helicopters valued at approximately \$30M each plus approximately \$30M in supply and equipment.
- Manage and synchronize maintenance, logistics, operations, supply, training, safety, compliance, readiness, lifecycle maintenance, and budget/resource priorities in a complex aviation environment.
- Improved fully mission-capable rate from 11% to more than 60% through root-cause analysis, workflow redesign, future-state processes, accountability systems, standard work, metrics, and disciplined follow-up.
- Build and maintain Power BI dashboards and automated reporting products using Army systems, SAP, Vantage, Excel, and related data to track readiness, maintenance timelines, supply delays, operational risk, and resource utilization.
- Reduced recurring reporting workload by approximately 90 labor-hours per week across 6 personnel while improving report clarity, data integrity, leadership visibility, and decision speed.
- Develop KPIs, performance metrics, data definitions, SOPs, reporting frameworks, policy memos, budget justifications, decision briefs, technical white papers, and executive reports for senior leaders.
- Coordinate procurement, supply, maintenance scheduling, vendor/supply-channel concerns, parts availability, and resource prioritization to reduce downtime and improve operational readiness.

Battalion Training Officer | 1-149th Attack Battalion, Houston, TX | 2021-2024

- Directed training operations for a large aviation unit, ensuring readiness through structured planning, performance tracking, schedule management, process standardization, and compliance oversight.
- Developed tracking systems and performance metrics to monitor pilot readiness, training progression, operational compliance, training effectiveness, schedule conflicts, and resource gaps.
- Coordinated across departments to align training schedules, aircraft availability, instructor resources, personnel requirements, and operational priorities while improving reporting consistency and follow-through.
- Built recurring reports and dashboard-style tools that gave leadership data-driven insight into readiness levels, bottlenecks, risk areas, and training requirements; prepared written briefs, training plans, SOPs, and decision-support products.

Production Control Officer / GS-12 Aircraft Pilot | Texas Army National Guard, Houston, TX | 2018-2021

- Managed aircraft maintenance scheduling and production-control workflow coordination across maintenance, supply, and flight operations.
- Served as central coordination point for maintenance status, aircraft availability, work priorities, supply issues, operational requirements, and cross-functional communication.
- Conducted workflow assessments and process improvements to optimize maintenance throughput, reduce delays, improve coordination between functional areas, and increase aircraft availability.
- Analyzed maintenance and operational data to identify trends, brief risks, and recommend corrective actions; ensured compliance with operational procedures, maintenance requirements, aviation safety standards, and technical guidance.

Independent Contractor - Data Analytics Consultant | Alpha Human Factors LLC, Remote/Houston, TX | **2024-Present**

- Analyze aviation incident and operational data to identify safety trends, operational risk factors, and risk-mitigation opportunities.
- Apply predictive analytics, data modeling, and reporting techniques to support safety improvements, cost-reduction initiatives, and decision-making in aerospace and defense environments.
- Develop analytical outputs, written reports, and decision-support products that translate complex aviation safety and operations data into actionable recommendations.
- Use aviation operations context, data analysis, and written communication skills to support defensible recommendations for aerospace and defense stakeholders.

SELECTED ANALYTICS & PROCESS IMPROVEMENT EXPERIENCE

- Applied continuous improvement principles, workflow redesign, and performance optimization to aviation maintenance, logistics, training, and operational systems.
- Integrated data from Army systems, SAP, Vantage, Excel, and related sources into decision-ready dashboards, recurring reports, and executive briefing products.
- Conducted trend analysis and forecasting to identify maintenance capacity constraints, supply-chain delays, readiness risks, and resource-allocation needs.
- Standardized data collection, data definitions, SOPs, KPIs, and reporting frameworks to improve consistency, compliance, accountability, and decision quality.
- Translated complex operational data into practical recommendations for senior leaders, technical teams, and non-technical stakeholders.

CIVIC LEADERSHIP

Director | Harris County MUD 354, Harris County, TX | **April 2026-Present**

- Participate in local public infrastructure and municipal utility governance as a board director, supporting resident-focused public accountability, infrastructure stewardship, utility-service oversight, and board-level decision-making in northwest Harris County.
- Apply finance, operations, analytics, and leadership experience to local-government issues involving public service delivery, resource prioritization, governance, and stakeholder communication.

EDUCATION

Master of Business Administration, Emphasis in Data Analytics	University of the Incarnate Word 2023 GPA 4.0
Bachelor of Science in Business Administration - Finance	Thomas Edison State University 2016

ADDITIONAL TRANSFERABLE STRENGTHS

- Leadership & Team Development: train, mentor, and develop personnel while building accountability systems for supervisors, technical specialists, and cross-functional teams.
- Strategic Planning: align personnel readiness, equipment lifecycle management, maintenance priorities, supply constraints, and resource tradeoffs into executable plans.
- Safety & Compliance: operate in high-risk, highly regulated aviation environments requiring disciplined procedures, risk management, technical guidance, and safety oversight.
- Business & Financial Acumen: support procurement, budget justification, resource prioritization, asset stewardship, and executive decision-making in complex operational environments.
- Communication: convert technical and operational detail into clear reports, briefings, SOPs, policy memos, decision products, and stakeholder-ready recommendations.

TECHNICAL & PROFESSIONAL SKILLS

Technical Tools	Power BI, Microsoft Excel Advanced, Python, Stata, Power Automate, SharePoint, Microsoft Teams, SAP, Vantage, Army systems
Analytics & Reporting	Data analysis, data visualization, reporting automation, dashboard design, KPI development, forecasting, data definitions, data integrity
Operations & Process	Process mapping, workflow design, root-cause analysis, SOP development, maintenance scheduling, resource prioritization, safety and compliance coordination
Communication & Policy	Executive briefings, budget justification, policy memos, decision briefs, technical white papers, stakeholder coordination