MATTHEW BOWMAN

FLIGHT OPERATIONS TECHNICIAN

(949) 899-4841

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4911 Lori Ann Ln. Irvine, CA 92604

SKILLS

- FAA Part 107
- DJI Enterprise Systems
- Autel Systems
- RTK Workflows
- GNSS Data Collection
- Problem- Solving
- Aerial Mapping
- Logistics Planning
- Flight Operations
- Troubleshooting Hardware and Operational Challenges

EDUCATION

NEWPORT CHRISTIAN SCHOOL

High School

2016-2020

PROFESSIONAL SUMMARY

FAA Part 107 Certified Pilot and Flight Operations Technician with extensive experience overseeing flight operations, mission planning, aerial survey execution, and client relations. Expertise in planning and executing UAS mapping and surveying missions, including airspace coordination, equipment setup, field operations, and geospatial data collection. Skilled in operating and supporting a variety of drone, LiDAR, and photogrammetry platforms to deliver accurate, efficient, and data-driven project outcomes.

EXPERIENCE

FLIGHT OPERATIONS TECHNICIAN

AEROTAS 2024- Present

- Plan and execute UAV mapping and surveying missions, including flight planning, airspace coordination, equipment setup, and field data collection in support of infrastructure and engineering projects.
- Develop documentation and SOPs for new drone platforms, equipment setup, operations, and training.
- Manage RTK workflows, including GNSS base station setup, rover operations, and accuracy verification.
- Lead the quoting team, coordinating project scoping, pricing, and proposal development for drone mapping projects

LINE SERVICE LEAD

ACI Jet 2021-2024

- Led and supervised line service personnel in daily FBO operations, ensuring safe, efficient, and professional handling of aircraft, crew, and passengers.
- Coordinated aircraft arrivals and departures, including marshaling, towing, parking, fueling, ground support operations, and hangar movements.
- Maintained compliance with FAA regulations, airport procedures, safety standards, and company operating policies while promoting a culture of safety on the ramp.
- Served as the primary point of contact for pilots, flight crews, charter operators, and aircraft owners, delivering exceptional customer service and operational support.