



MICHAEL THOM

AIRCRAFT MAINTENANCE ENGINEERING STUDENT · AVIONICS LICENCE CANDIDATE · AVIATION SOFTWARE & SYSTEMS ENGINEER

Coursework completes 31 Oct 2026 · Graduates 18 Dec 2026. Preparing to enter the GCAA Aircraft Maintenance Engineer licensing process, **E category (avionics)**, subject to GCAA experience and examination requirements.

CONTACT

- ☎ (592) 710-3958
- ✉ michael@matsolutions.gy
- 🌐 matsolutions.gy
- 📍 EBD, Georgetown, Guyana
- ➔ **Open to relocation, Caribbean and international**

AIRCRAFT EXPOSURE

- Cessna 208B Grand Caravan EX
- Britten-Norman BN-2A / 2B Islander
- Tecnam P2012 Traveller
- Rotary-wing, Omni Helicopters

Supervised exposure. Not type ratings or approvals.

SYSTEMS EXPOSURE

- Electrical power generation and distribution
- Aircraft instruments
- Communication and navigation systems
- Wiring and interconnect systems
- Maintenance manuals, IPCs and technical records

EDUCATION

AERONAUTICAL

Art Williams & Harry Wendt Aeronautical Engineering School

Aircraft Maintenance Engineering · 2022 – 2026

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SECONDARY

St. Stanislaus College

September 2017 – June 2022
Graduated with 13 subjects at CXC

DIGITAL SKILLS

- Maintenance information systems
- Digital technical records and reporting
- PHP · JavaScript · SQL · HTML / CSS
- Database design · Git version control
- React · TypeScript · Python
- Systems integration · automated deploys

PROFILE

Final-year aircraft maintenance engineering student at the Art Williams & Harry Wendt Aeronautical Engineering School, specialising in avionics, and sole engineer of a Guyanese charter operator's aviation management platform. Supervised hangar and line experience since 2022 across five Guyanese aviation organisations: inspections, defect investigation, component removal and installation, and maintenance documentation on fixed-wing and rotary-wing aircraft. Recording avionics-related practical experience toward a GCAA licence application. I write aviation software from inside the operation rather than from a spec sheet, which suits technical records, maintenance tracking and reliability data work as much as it suits the hangar floor.

AVIATION COMPETENCIES

Aircraft inspection support · Preventive and scheduled maintenance support · Avionics, electrical and instrument system familiarisation · Fault isolation and troubleshooting fundamentals · Wiring, connectors and circuit protection · Communication and navigation systems · Maintenance log and task documentation · GCAA regulatory awareness

AVIATION EXPERIENCE

GMSI · Aircraft Maintenance Technician

GEORGETOWN, GUYANA · CURRENT

- Support licensed maintenance personnel through scheduled and unscheduled inspections, defect investigation, component removal and installation, and preventive maintenance to approved procedures under **GCAA** regulations.
- Supervised exposure to aircraft **electrical, instrument, communication and navigation systems**, including avionics fault isolation, wiring and connector work, and the technical documentation that closes each task.
- Line and hangar work on a fleet flying Guyana's interior routes, where defects must be found, recorded and cleared correctly the first time.

SUPERVISED TRAINING PLACEMENTS · ART WILLIAMS & HARRY WENDT

Jags Aviation (Year 3, charter and interior operations) · **Roraima Airways** (Year 2, mixed fleet) · **Air Services Limited** (Year 1) · **Omni Helicopters** (Year 1, rotary-wing) · **Caribbean Aviation Maintenance Services** (third-party MRO)

AVIATION TECHNOLOGY

- **JAGS Aviation Management System.** Sole engineer of the internal platform a Guyanese charter operator runs its day on: reservations, flight following, crew and aircraft assignment, compliance records, and the passenger lounge display board. Live in daily operational use. Replaced whiteboards, spreadsheets and radio notes with one source of truth.
- **Register-level AHRS** on MPU-6050 hardware, streaming live attitude data to a browser display. Self-taught embedded avionics.
- Work relevant to **technical records, maintenance tracking, flight scheduling, crew compliance and operational reporting**, built against real dispatch and maintenance workflows.

BEYOND AVIATION

MAT Solutions, Georgetown, Guyana. Software and systems engineer: web platforms and internal tools for Guyanese businesses including **Cellular Plus**, **KBS Engineering**, **ABR Autosales**, **Viscom Group** and **Smart Tech**, from client requirements through delivery and long-term support. Concurrent projects, direct client communication and systems design. **Initiative:** revised a module of my aeronautical school's course into a clearer teaching guide and submitted it to the instructor to help future students.

Professional references available on request · matsolutions.gy