

Boukhriss Ihebeddine

**Flight Safety Manager | Aviation Safety & Risk
Management Specialist | Air Traffic Management Engineer
PMP® Certified | Former Tunisian Air Force Officer
Multilingual Leader (AR/FR/EN)**

**Birth : 04/11/1992
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Work Experience :

Air Operations Departement Chief

Military Air Operations Center(AOC)(Southern Tunisia) | 2022-july2025

- Directed and oversaw all operational activities of the Air Operations Center (AOC), ensuring strict compliance with ICAO standards, IATA regulations, SOPs, and Air Tasking Orders (ATOs) while applying project management best practices .
- Led a cross-functional team of 80+ aviation professionals (ATCOs, supervisors, technicians, instructors), optimizing safety, efficiency, and regulatory adherence through structured planning and risk management.
- Developed and implemented standardized operating procedures (SOPs), leveraging PMP methodologies to enhance process reliability and aviation safety.
- Actively contributed to aviation accident/incident investigations, identifying root causes and driving corrective/preventive actions (CAPA) to mitigate operational risks

Flight Safety Officer

Exercise African Lion 2023 (Multinational Military Drill)

- Orchestrated flight safety operations for a large scale, multinational air-ground integration exercise involving live fire maneuvers, ensuring zero safety incidents across 200+ sorties with Tunisian and U.S. Air Force aircraft.
- Designed and enforced separation protocols in a constrained operational airspace, mitigating collision risks between dissimilar aircraft (fighters, transports, rotary wing) during high tempo missions.
- Led real time risk assessments with allied safety teams to dynamically adjust flight paths, altitudes, and weapon release zones balancing training objectives with absolute safety compliance.
- Pioneered a joint safety brief/debrief framework adopted by participating nations, standardizing hazard reporting and lessons learned integration for future exercises.

ACC Shift-Supervisor and Air Traffic Controller

Military Air Operations Center(AOC)(North Tunisia) | 2017-2022

- Led 24/7 ATC operations, managing 20+ controllers with dynamic role assignments and break schedules to maintain safety compliance during peak traffic.
- Directed real time air traffic management, resolving conflicts and emergencies via procedural/radar control while enforcing ICAO/military standards.
- Coordinated multinational contingency responses, collaborating with adjacent ACCs to implement flow restrictions and mitigate technical failures.
- Drove safety innovations through incident debriefs, hazard audits, and SOP refinements cutting near misses by 40% post-implementation.

Training :

Joint Terminal Attack Controller (JTAC)– US AFRICOM SETAF-AF(African Lion23-Tunisia)| Mai 2023

- Tactical separation procedures, secure communications, and real-time risk assessment for combined air missions.

AIRDEF Command & Control System Training–INDRA(Spain)| Sep 2022

- Completed comprehensive operator training on the AIRDEF C2 system, mastering all operational aspects of air defense command, control, and coordination.

Advanced Leadership Course (Captain Level)– Air Force Advanced Training School| 2021

- Developed expertise in strategic leadership, organizational management, and high stakes communication for military command roles.

Aeronautical Engineering Intern – Air Force Advanced Training and Application School| 2016-2017

- Gained hands-on experience in military aircraft systems analysis and incident investigations, applying MIL-STD/ICAO standards to enhance operational safety and airworthiness

Education :

Air Traffic Management Engineer

Aviation School of Borj El Amri, Tunisia | 2013-2016

- Expertise in ICAO-Compliant Systems: Mastered aerodrome/approach/area control, ATFM, and Safety Management Systems (SMS), with applied knowledge of PANS-OPS flight procedures and aviation security protocols.
- Safety Critical Operations: Trained in aircraft accident/incident investigation (AIG), SAR operations, and risk mitigation, aligning with ICAO Annexes 12, 13, and 19 standards.
- Multidisciplinary Proficiency: Comprehensive training in aviation meteorology, radio communications, and international aviation law, enabling holistic safety oversight.

Engineering Preparatory Program

Sfax Preparatory Institute, Tunisia | 2011-2013

- Intensive scientific training in advanced mathematics and physics for engineering school admissions.

Baccalaureate (Scientific Stream)

Elite secondary school, Tunisia | 2011

Certifications :

PMI-PMP (ID 4036509)

NCN-A : Negotiation Associate (ID 596314)

SODFC : Scrum for Ops and Devops Fundamentals (ID 1012961)

SFC : Scrum Fundamentals Certified (ID 1062373)

SIX SiGMA YELLOW BELT (ID 901200)

Language Proficiency & Technical Skills

Languages:

- Arabic: Native (Mother tongue)
- French: Fluent (Professional Proficiency)
- English: Advanced (Professional Proficiency) | ICAO Level 4 Certified

Software & Tools:

- Microsoft Office Suite: Advanced (Word, Excel, PowerPoint)
- Collaboration & Project Tools: JIRA, Confluence, Teams/Zoom

Core Competencies

Leadership :

- Hyper-Vigilance: Obsessive attention to detail in risk detection (e.g., identifying procedural gaps during 15+ safety audits).
- Regulatory Mindset: Innate compliance with ICAO standards; implemented 5+ SOPs aligned with Annex 19.
- Just Culture Advocacy: Balanced accountability and psychological safety, increasing voluntary incident reporting by 40%.

Crisis & Operational Management :

- Decisiveness Under Pressure: Made 50+ safety-critical decisions in <30-second windows (e.g., NORDO events, ATC system failures).
- Crisis Composure: Managed 10+ emergencies without operational disruption (validated in African Lion 2023 exercises).
- Stress Resilience: Thrived in 24/7 ATC environments with 12-hour shifts.

Technical & Analytical Excellence :

- Procedural Design: Developed error-resistant protocols adopted by Tunisian Air Force, reducing human-factor errors by 25%.
- Data Pattern Recognition: Identified emerging risks from 200+ near-miss reports using Excel/Power BI analytics.
- Technical Translation: Bridged gaps between engineers and pilots on ACAS/SMS software during safety briefings.

Cross-Cultural Leadership :

- Active Listening: Extracted actionable insights from 80+ ATC/maintenance staff reports to refine SMS workflows.
- Diplomacy: Resolved 15+ safety disputes between military/civil teams in multinational exercises .