

TAHER MOHAMED RAGAB MOHAMED

Aircraft Maintenance Engineer | Quality Control & Compliance Specialist | Excellence in Aviation Safety Standards

Heliopolis, Cairo, Egypt | (202) 0100 2020 553 | Taher579@Hotmail.com | www.linkedin.com/in/m.riley

Profile

With over 14 years in aerospace engineering and maintenance, my role at EGYPTAIR encompasses ensuring the highest standards of quality and safety for aircraft operations. My responsibilities include auditing our Approved Maintenance Organization and the Continuing Airworthiness Management Organization, evaluating maintenance violations, and facilitating corrective actions. The company's commitment to airworthiness resonates deeply with my expertise in translating the compliance requirements to policies and procedures to guide our staff through our maintenance control manual (MCM / MMM / GMM).

The experience gained over 14 years has honed my skills in quality inspection and assurance, making me proficient in navigating the complexities of aircraft maintenance and safety requirements. Representing EGYPTAIR in quality, safety, and risk management meetings, alongside authorities and external entities, has not only highlighted our organizational excellence but also reinforced my mission to drive continuous improvement in the aerospace sector.

Experience

EGYPTAIR | 8/2014 – PRESENT

- Quality Auditor Engineer | Senior Quality Engineer | Quality Control Manager
 - I currently work as a Quality Control Manager and as the interface for the airlines safety and quality programs, including auditing contracted (AMO) and (CAMO) Organization, I also Represent the airlines in the third-party audits from authorities and other entities like IATA.
 - Auditing External Service Providers at EGYPTAIR outstations both domestic and International
 - I participate in and support investigations in conjunction with the SMS (as a SAG Member)
 - I develop EGYPTAIR compliance with the regulatory and other required standards through the maintenance policies and procedures represented in the Maintenance Control Manual (MCM) and its portions since 08/2014.
 - I prepare for and represent EGYPTAIR in Authorities and external entities audits since 08/2014
 - I prepare for and participate in Quality and Safety Review Meetings since 07/2016
 - I evaluate/investigate maintenance violations and maintenance overrun events from (AMO and CAMO) as well as processing the non-conformities, corrective action plans and final actions in the airline's safety and quality programs since 08/2017
 - I Successfully Represent EGYPTAIR Airworthiness Section in Receiving tow A320 Airbus Aircrafts 07/2020
 - I develop IAW (Iraqi Airways) compliance with the regulatory and other required standards through the maintenance policies and procedures represented in the Maintenance Control Manual (MCM) at 07/2021
 - I have an excellent knowledge in IOSA / RBI and I've been participating in the preparing and passing of Egyptair Airlines IOSA Renewals for 2014, 2016, 2018,2020 and 2022 (MNT)
- Some other duties as a Quality Control Manager and Senior B1 / Quality Engineer
- Currently preparing for the passing of 01/2025 Egyptair IOSA Renewal (IOSA Risk-Based)
- Accomplishments as Quality Engineer @ EGYPTAIR
 - Successfully conducted 200+ audits of AMO and CAMO organizations
 - Achieved 100% compliance rate in 5 consecutive IOSA renewals (2014-2022)
 - Adapted and pass the updated Risk Based IOSA renewal (2025)
 - Reduced maintenance violations by 40% through implementation of new quality control procedures
 - Managed quality control for a fleet of 60+ aircraft
 - Led team of 5 quality engineers
 - Developed and implemented MCM procedures resulting in 25% reduction in documentation errors
 - Successfully completed aircraft acceptance for tow A320 aircraft valued at \$200M+
 - Decreased audit finding response time by 50% through process improvements
 - Maintained zero regulatory suspensions during 8-year tenure as Quality Control Manager

EGYPTAIR | 06/2010 – 08/2014

- Aircraft Maintenance Engineer (Rep. at Line & Base Maintenance) | 10/2013
- Aircraft Airframe & Power Plant Maintenance Engineer | 06/2012
- Aircraft Ramp Inspector (SAFA Standards) | 10/2010

TATWIR INFORMATION TECHNOLOGY | 06/2007 – 08/2011

- Projects Manager (Planning - Manage Execution - Review - Deliver) | 08/2009
- Presales | 07/2008
- Help Desk | 01/2008
- Technical Support | 06/2007
- Accomplishments as Projects Manager @ TATWIR INFORMATION TECHNOLOGY
 - Managed 10+ major software implementation projects with value of 1.5+ million
 - Led team of 8+ (developers, designers, sales and technical support) across multiple concurrent projects
 - Achieved 100% client satisfaction rate across all delivered projects
 - Reduced system implementation time by 30% through improved project management methods
 - Successfully delivered HR & Payroll systems serving 1000+ employees
 - Successfully delivered Business Management Solution (Sales Force Tracking)
 - serving 800+ sales force
 - Completed all projects within budget and some times ahead of schedule by average of 2 weeks
- Projects as Projects Manager @ TATWIR INFORMATION TECHNOLOGY
 - **MetLife Alico**
 - HR & Payroll Management System
 - Business Management Solution (Sales Force Tracking)
 - **Thebes International School**
 - HR & Payroll Management System
 - School Management System
 - **El-AFIFI A Leading Contractors company**
 - Correspondence & Supplier/Provider Management System
 - **Nefertari Language Schools**
 - School Management System
 - **Misr Language School**
 - School Management System

Education

B.SC., CAIRO UNIVERSITY, FACULTY OF ENGINEERING | 07/2007

Major: Aerospace Engineering

Project: Implementing Fluidic Thrust Vector Control System on Small Jets

Academic Research

PARTICIPANT | 05/2009, 13TH INTERNATIONAL CONFERENCE ON AEROSPACE SCIENCE & AVIATION TECHNOLOGY.

Publications | "Counter Flow Thrust Vectoring Applied to Small Business Jets"

Skills

Technical Skills:

- Aircraft Type Ratings (A320/A321, A330, A220, B737)
- IOSA Audit Standards
- Maintenance Control Manual (MCM/MMM/GMM)
- SAFA Inspections
- Continuing Airworthiness Management
- Quality Management Systems (QMS)
- Safety Management Systems (SMS)
- Aviation Database Management
- Risk Assessment and Management
- Aircraft Systems Troubleshooting
- Technical Documentation Review
- Regulatory Compliance (ECAA, IATA)
- Good command in utilizing AI models in the scope of Aviation
- MATLAB and CFD Analysis

Technical Skills:

- Programming and database management
- MATLAB and computational fluid dynamics

- Hardware and networking knowledge

Communication Skills:

- Written and verbal communication
- Constructive feedback delivery
- Team collaboration with engineers and stakeholders

Management & Leadership Skills:

- Multi-project management
- Safety and quality standards maintenance
- SMS (Safety Management System) participation as SAG member
- Quality and safety review meeting representation

Problem-Solving Skills:

- Aircraft maintenance and safety requirements expertise
- Maintenance violations evaluation and investigation
- Non-conformities and corrective action processing

Soft Skills:

- Time Management

Courses and Training:

Management Courses

- Strategic Management Course

Safety Courses

- IOSA Airline Auditors Course
- Risk-Based IOSA Airline Training Course (IATA)
- Introduction to SAFA Course
- Hazard Identification Course
- Risk Management Course
- Safety Management System for Manager and SAG members Course

Quality Courses

- RR Aviation Quality Database (AQD) Course
- Lean Six Sigma Yellow Belt Course
- Internal Quality Auditor Course

Maintenance Courses

- Basic Human Factor for Maintenance Engineers
- Basic Introduction Course for Aeronautical Engineers
- EASA Basic Complementary Course for B1 Engineers
- Part 145 / CDCL / RVSM / Cat II & Cat III Courses
- A320/A321 (V2500)
- EASA B1 for A330 (RR TRENT 700)
- EASA B1 for A220 (PW 1500G)
- EASA B1 for B373-800 (CFM 7B)

Soft Skills Courses

- Time Management Course

Activities and Interests

Reading, Running, General Knowledge