

Hytham Ahmed ELRayess

Mechanical engineer

summary

Extensive experience in heavy equipment fleet management, maintenances and troubleshooting with hands on aerospace ground support equipment (fueling equipment. GPU, towing tractors, hydraulics equipment, air compressors. ...) with a focus on planning preventive maintenance schedules, troubleshooting and repair.

In-depth knowledge of aircraft ground support equipment, rotating equipment repair and maintenance procedures and management.

Strong understanding of inventory management, purchasing and contract management.

Exceptional leadership skills with a proven track record of successfully managing teams and implementing effective strategies.

Excellent problem-solving and decision-making abilities, with keen attention to detail.

Ability to thrive in fast-paced environments and meet tight deadlines.

EXPERIENCE

Aerospace Ground Equipment department Workshop leader

July 2006 : December 2016

Egyptian Air Force

which include supervising and leading teams to maintain full capability, efficiency and maintenance for all equipment, overhaul repair for all diesel engines and turbine engines, transmissions and other mechanical / electrical components.

Aerospace Ground Equipment department chief

January 2017: December 2018

Egyptian Air Force

Which include leading teams to successfully operating the equipment requirement and supplied services. supervise workshops to maintain equipment capability

Aerospace Ground Equipment department chief

January 2018: July 2019

Egyptian Air Force

Establishing a new Aerospace ground equipment department and new equipment workshop in a new air force wing in duty, Egyptian air force, which include receiving new equipment and establishing, teaching, training new team to reach the maximum training level to operate equipment, and making an extract preventive maintenance check and services from equipments technical manuals.

Chief of Operations in Aerospace Equipment Battalion

July 2019: July 2020

Egyptian Air Force

Training, supervising and controlling the ground support equipment

Planning preventive maintenance for equipment.

Battalion Commander / Egyptian Air Force

July 2020 : July 2023

Egyptian Air Force

- leading the aircraft supporting services on ground including navigation aids and other ground services



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EDUCATION

B.sc of Mechanical Power Engineering and Energy , Faculty Of Engineering , Minia university 2004 average grade (GOOD)

USA 26/August /2011 : 8/ November /2011

CERTIFICATIONS & COURSES

CERTIFICAT of Completing the Military studies. Egyptian military academy 2006.

Certificate of Management leadership training course
Military school of administrative sciences for officers of the armed forces

Naval base Ventura County (Naval Construction Training Center NCTC port Hueneme, California)

Attended 400 hrs training in overall repairing and services for aerospace ground equipment

Including

- * OSHA (Occupational Safety and Health Administration)
- * Gas I engine.
- * Diesel engines.
- * Chassis.
- * Transmission (manual/ automatic)
- * Breaks
- * Suspensions.
- * Wiring.
- * air conditioning
- * hydraulics system.

SOFT SKILLS

- . Innovation
- . Adaptability
- . Problem-Solving
- . Attention to Detail
- . Strong Leadership
- . Strategic Thinking
- . Interpersonal Skills
- . Conflict Resolution
- . Quality Management
- . The ability to analyze complex information and make strategic decisions
- . Analytical and communication skills
- . Leadership and team management

LANGUAGES

Arabic 

English 

Germany September 2015

Contracting 16 aircraft tractor (Mulag) for the Egyptian air force including:

- * operation, maintenance and troubleshooting of the Mulag comet 6 tractor.
- * Technical training course for Deutz diesel engine.
- * training course on Alison Transmission 1000,2000 series familiarization, maintenance and diagnostics.
- * training course for the service and repair of KESSLER axles and gear box for the airport industry including:
 - Design and function of (planetary axles, differential drive units, hub and wheel bearing adjustments and planetary units)
 - Assembly and disassembly of axles and subassemblies.
 - Trouble shooting
 - service procedures

France 23/June/2019 : 06/ July /2019

Contracting (95) ground power unit (GUINAULT) for the Egyptian air force including:

Training for operation, maintenances and intermediate repair level on GPU and Deutz engine and Boards (PCB's) repair, on the equipment GPU type GA120V13D1100.

PRACTICAL SKILLS:

- * Proficiently leading teams to achieve goals and stepping forward to complete the higher missions.
- * work under loaded conditions
- * Proven ability in goal setting and self management
- * Highly experienced in leading mechanical / electrical workshop with good experience contracting and managing repair parts and supplies
- * In depth knowledge and hands-on experience in heavy equipment and automotive maintenance including troubleshooting, repairs and preventive maintenance
- * Strong communication skills.