

MR. ELYES CHARFA  
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Date of Birth: June 2<sup>nd</sup>, 1983 in  
Tunis, Tunisia  
Marital status: Married



## PROFESSIONAL EXPERIENCE

**NOUVELAIR**, Monastir, Tunisia

**Power plant Manager**

From June 2012 to present

- Manage and monitor all engines of the fleet (CFM56-5B4/P, /3, CFM56-A1, A3 and V2500 ), Nacelle and APU (GTCP36-600 and 131-9A) so as to ensure safety, reliability and cost-effective operation.
- Monitoring of mandatory modification by screening the SBs and ADs.
- Review and communicate the engine workscope for overhaul and repair including deviations from the manual with the engine shop.
- Monitor the engine during the Shop Visit.
- Monitor performance of overhaul agents and suppliers.
- Review, analyze and investigate Invoices for repair.
- **Contracts review**: reviewing, negotiate contracts for engines (shop & lease), parts (LRU & QEC) and nacelles.
- Assist and communicate trouble shooting requirements with MCC and OEMs
- Manage 3 airplanes: (CN, AD, EAD, SB) CDN, CEIRB...

**Sabena Technics**, Monastir, Tunisia

**Engine Manager**

From May 2010 to June 2012

Manage and monitor engines (CFM56-5B4/P, /3 and CFM56-A1, A3 ), Nacelle and APU (GTCP36-600 and 131-9A) so as to ensure safety, reliability and cost-effective operation  
Monitoring of mandatory modification by screening the SBs and ADs reviewed and recommended by the MRO.

Review and communicate the engine workscope for overhaul and repair including deviations from the manual with the engine shop

Monitor performance of overhaul agents and suppliers

Assist and communicate trouble shooting requirements with MCC and OEMs

**Planning Department**

**Airplane Chief**

From February 2010 to May 2010

Preparing required documents for Certificate Of Airworthiness (COA).

Evaluating, Preparing, Maintaining Control and Management of CN & SB.

Aircraft's navigability decision maker

**Reliability Department**

**Reliability Engineer**

From December 2009 to February 2010

Classify defects by Air Transport Association (ATA) and Sub ATA in the system.

Preparing a list of repetitive defects in the fleet (Bulletin Alert: BA).  
Preparing monthly reliability reports.  
Conduct studies on equipment reliability.

**AFRIQIYAH Airways**, Tripoli, Libya

**Engine Trainer**

From December 21<sup>st</sup>, 2010 to January 31<sup>st</sup>, 2011 (41 days)

Sent from my company Sabena Technics to conduct training to AFRIQIYAH Airways employees as part of an agreement between the two companies. Training included:

- Monitoring of the engine using the General Electric (GE) web facility (Vibration, *Exhaust Gas Temperature: EGT*, Oil Pressure...)
- How to make a Life limited Parts (LLP) spreadsheet.
- How to calculate the oil consumption.
- How to Remove /Install engine parts in the system (assembly and sub-assembly).
- How to diagnose an engine (Trend Monitoring Interpretation).
- How to prepare monthly reports for all fleet engines.

**TUNISAIR TECHNICS**, Tunis, Tunisia

Internship. Integrated Drive Generator (IDG)

2009 (a period of 3 months)

Study and design of a test bed for the IDG  
Principle of operating alternators  
In-depth Training in the operation of the IDG  
Design-rig in 3D

**TUNISAIR**, Tunis, Tunisia

Internship. Engineering department

2008 (a period of 5 weeks)

Study and repair job cards for the visits of aircraft following the user manual.  
Practice and usage of the software AMASIS.

**TUNISAIR**, Tunis, Tunisia

Technician training. Engineering department

2008 (a period of 5 weeks)

Reactor cladding  
Replacement of a reactor on an aircraft.  
Endoscopy of a turbine.  
Vibration test following a change of the fan blades

**TUNISAIR**, Tunis, Tunisia

Worker training. Mechanical department

2008 (a period of 5 weeks)

Maintenance of pumps and hydraulic jacks

Maintenance of brakes for Boeing and Airbus  
Wheel mounting

## CERTIFICATES

- Holder of licenses in SNECMA: CFM56 All Standard Diagnostics & Trends.
- T1 – AIRBUS A318/A319/A320/A321-CFM56-Powerplant base & line Maintenance (Part147) certificate N°: 1027-491
- T4 engineering for AIRBUS A318/A319/A320/A321-CFM56.
- Holder of licenses in SNECMA: CFM56-5B/7B Fan Trim Balance.

## EDUCATION

<b>2006 to 2009</b>	<b>Engineering degree in Aeronautical Engineering</b> Private University of Aeronautics and Technology (UNAT), Tunis-Tunisia <i>With Distinction. Top of my class</i>
<b>2004 to 2006</b>	<b>Preparatory Engineering Degree</b> Private University of Aeronautics and Technology (UNAT), Tunis-Tunisia <i>With Distinction. Top of my class</i>
<b>2002 to 2004</b>	<b>Economics and Management Degree</b> Ecole Supérieure de Commerce (ESC) Manouba-Tunisia

## COMPUTER SKILLS AND LANGUAGES

- Microsoft Office tools: Word, Excel, Power Point, and Front Page
- Software:
  - Matlab (Automatic Signal Processing)
  - Topsolid, SketchUp (3D design).
- Programming languages:
  - C, C ++, VHDL.
- Aircraft Maintenance And Spares Information System (AMASIS)
- Trend Monitoring System (by GE Aviation)
- Fluent in: Arabic, English and French languages

## REFERENCES

Upon request.