



# ***Aerostructures Solutions Morocco***

EASA 145 Certified Repair Station / North Africa

Aircraft Structural (Aerostructures) Components

Engine Parts Repairs.

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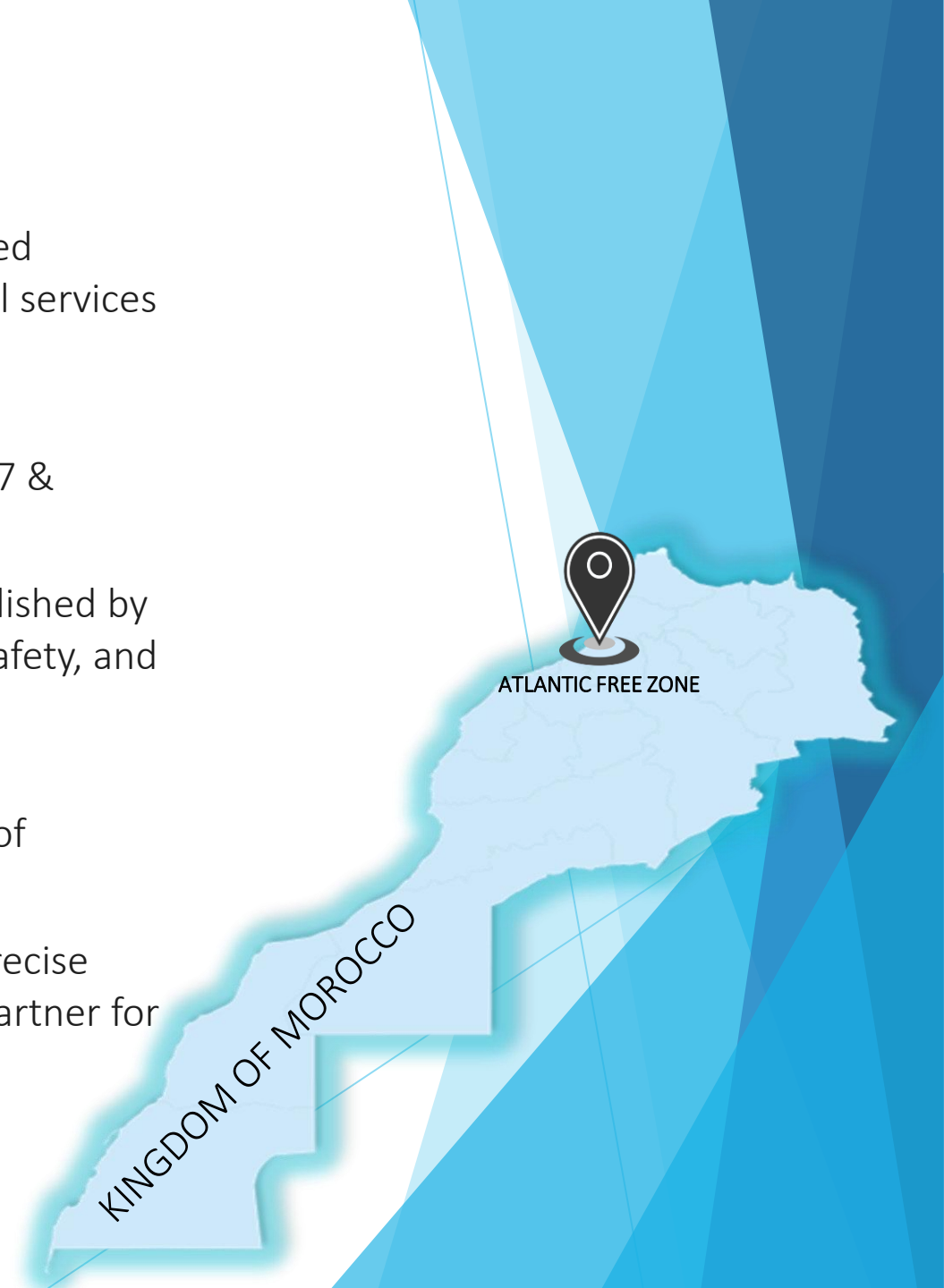
MRO  
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# ABOUT

- ▶ Launched in 2023, Aerostructures Solutions Morocco (ASM) is dedicated to aftermarket and MRO solutions, aiming to gather and consolidate all services and spares around the cabin, airframe, and engine.
- ▶ ASM aims to reach in midterm a forefront aerospace industry position, specializing in new-generation airframe composite repair services(B787 & A350) and new-generation engine (LEAP, GEnx, GE9x) parts repair.
- ▶ Our unwavering dedication to upholding the stringent standards established by the Aviation Authorities underscores our commitment to excellence, safety, and compliance.
- ▶ Leveraging state-of-the-art technology and a team of highly skilled professionals, ASM ensures the integrity, reliability, and airworthiness of airframe and engine components.
- ▶ Our comprehensive approach encompasses meticulous inspections, precise repairs, and rigorous quality and safety systems, making us a trusted partner for airlines, MRO service providers, and aircraft operators worldwide.





# ABOUT CEO – ADNANE LOURAK

- ▶ Owner & Sole shareholder.
- ▶ 23 years of international experience throughout five continents.
- ▶ Professional Experience at Air France Industries; Airbus Deutschland; Etihad Airways.
- ▶ Professional Trainings at GE-Aviation; Airbus; CFM-International & Snecma Engine Services.
- ▶ Education in Aeronautical Engineering; Master of MRO Management and M.B.A in Finance.
- ▶ International Experience in Germany; France; UK; USA & UAE – 23 years.

## **General Responsibilities :**

- ▶ Fulfilling all Financial responsibilities to ensure ASM has available competent resources, facility requirements, staffing, Tooling & Equipment;
- ▶ Providing full support to ASM management team;
- ▶ Ensuring compliance with applicable regulations; and
- ▶ Supporting the implementation of the Safety Management System (SMS).

# FACILITY

- ✓ Operating on a 2500 sqm custom-designed facility with dedicated workstations & equipments.
- ✓ We have the capability for MRO on a range of Aerostructures engine products as per our Capability Listing.
- ✓ This work shall be carried out using established operational processes and qualified staff.





# FACILITY

- ✓ Workshop with integrated connectivity and Tooling & Eqpt control, access to Tech Data PC and workstations.
- ✓ Workshop configured for 6 modules. Power and Pressurised & Vacuum Air are available.
- ✓ Mezzanine floor allows for expansion – Phase II.



# FACILITY

- ▶ Offices – Fully temp controlled. Wi-Fi connectivity
- ▶ Investment to readiness 4.25 M Euros (Including Tooling & Equipment)

## Location:

Atlantic Free Zone is an integrated industrial zone part of the Industrial Acceleration Plan. It offers:

- ▶ A free zone for exporting companies.
- ▶ An open zone for the local market.

Mainly dedicated to the automotive sector, AFZ targets:

- ▶ Automotive equipment, but also other industrial sectors.
- ▶ Related export activities.
- ▶ Industrial Logistics.
- ▶ Industry support services (maintenance, design offices, business centers, etc.).



# CERTIFICATION



## CURRENT CERTIFICATIONS

EASA 145 Approval C-Ratings

- ✓ C6 Cabin Interiors
- ✓ C7 Nacelles, Engine / APU
- ✓ C8 Flight Controls
- ✓ C20 Structural

## PLANNED CERTIFICATIONS

FAA Part 145 (Expected approval Q1/2025)

- ✓ C1 Air condition & pressure (Q1 2024)
- ✓ C4 Doors & Hatches (Q3 2025)
- ✓ C12 Hydraulic (Q1 2026)
- ✓ C14 Landing Gear (Q1 2025)
- ✓ C17 Pneumatic (Q4 2024)
- ✓ C19 Windows (Q3 2024)
- ✓ D1 Special Process



**MRO**



**Business Development**



**Spares**

**SERVICES**

# SERVICES

# MRO - AIRFRAME

## Radome Repairs (C20)

- ▶ SRM/CMM Minor/Major Repairs for all aircraft types (Airbus, Boeing, ATR, Embraer, Dassault)
- ▶ NTO (No Technical Objection) management with aircraft OEMs.
- ▶ Management of CMM repairs out of tolerances using engineering Order or SRAS (Structural Repair Approval Sheet)

## Nacelle Repairs (C7)

- ▶ OEM/CMM Minor/Major repairs for all engine types (CFMI, GE & PW) aerostructures components:
  - Inlet Cowls
  - Fan Cowls
  - Thrust Reverser
  - Inner/outer fixed structures
  - Blocker doors
  - Nozzle
  - Centerbody

## Structural Composite Part Repairs(C8/C20)

- ▶ OEM/SRM Minor/Major repairs for airframe structural components:
  - Primary flight control surfaces
  - Leading edges, wing tips,
  - Spoilers
  - Flaps, slats, and flap track fairings
  - Landing gear doors
  - Belly fairings...



## SERVICES

# MRO – ENGINE

Diverse MRO Services Covering a Wide Spectrum of Engine Maintenance and Repair Activities

- Spinner Front/Rear Cones
  - CFM56-5B / 7B
- Fan Case (Containment & Abordable)
  - CFM56- 5B / 7B
- Fan Blades / OGVs / Acoustical Panels
  - CFM56-5B / 7B
- Coming Soon...
  - Engine Hot Section Parts Repair

SERVICES

# MRO – C6 CABIN INTERIOR (CABIN ELEMENT REQUIRING PAINT – NO LAMINATES)

- Cove lights with lenses
- Slide/Raft cover
- Forward Technical areas
- Aft Technical areas
- Emergency exit areas
- Emergency exit hatches
- Ceiling & sidewall panels
- Inside lavatories
- Overhead stowage handrails
- Overhead compartment doors
- Overhead interior stowage

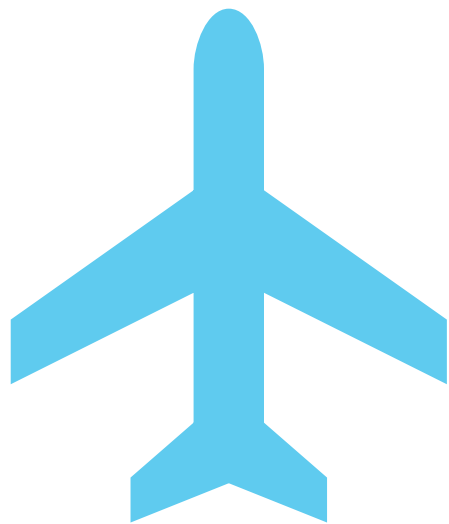


SERVICES

# BUSINESS DEVELOPMENT

*Coming Soon...*

# SERVICES SPARES



*Coming Soon...*

# MARKET POSITION

FOCUS – On our competitive advantages such as :

- ✓ Labor rate;
- ✓ Flexibility;
- ✓ Reduced TAT;

**Competitive & Unbeatable fixed pricing schemes for (Repair / Overhaul) & NTE pricings;**

- ✓ Competitive standard exchange or loan rotatable pricing to support customers' operation;
- ✓ Loan fees capped to repair TAT in case the TAT will be exceeded;
- ✓ Guaranteed rotatable to be either stored at ASM or on a non-exclusive basis with Customers;
- ✓ Spares consignment free of charge access and storage in the case of scheduled removals under contractual terms and conditions.

OBJECTIVES – Is to consolidate:

- ✓ *Our local and regional market position as a **Qualified & Approved Supplier.***
- ✓ Our competitive advantage,
- ✓ Strengthen our customer proximity adding value;
- ✓ Expand the range of services offered *including On-Wing services.*
- ✓ *Explore new opportunities in both African & European markets through partnerships with Aerostructures' MRO providers and OEMs.*



# THANK YOU

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