

العربية للطيران
airarabia.com
— الهندسة engineering —





Welcome to Air Arabia Engineering

Air Arabia Engineering stands apart in the very large and highly competitive MRO industry. Established to meet the engineering and maintenance needs of Air Arabia, it has become a key part of the airline's remarkable success story.

So how is Air Arabia Engineering different? Quite simply, this facility and its staff, equipment, stores, materials and workshops are all 100% dedicated to the Airbus A320 (CFM56) family. Why does this give us an advantage? Being fully focused on one type of aircraft and engine means there is no need to reconfigure the facility to accommodate different workloads. We assess what the airline and the aircraft need, measure it, review the options, and develop that capability to meet this demand. If there's a clear benefit then we do it, if there isn't then we don't. This is underpinned by the fact that we are one of the world's largest users of the A320 and our Technical Dispatch Reliability is among the highest in the industry. Of course this must meet the operational needs of the airline at all times.

Air Arabia Engineering operates differently to major MROs, offering a dedicated, flexible, skilled team to deliver your aircraft on time, on budget and to the highest possible quality levels. Our Line, Base is ready to take your aircraft and get you flying.



HANGAR BASE MAINTENANCE

Air Arabia Engineering's fully equipped, state-of-the-art hangar, is capable of meeting the needs of the airline while offering specialized services to other operators. All hangar maintenance staff are approved by the UAE GCAA, under CAR 145. Qualified, trained and certified engineers and technicians carry out minor and major repairs on A320 family aircraft at Sharjah International Airport. Air Arabia hangar facilities are also available to support third party customers.

- Light and heavy maintenance in a dedicated A320 facility
- Engine changes, modifications and major repairs
- Aircraft recovery
- Engine compressor wash and RAT Test
- Aircraft weighing capability





LINE MAINTENANCE SHARJAH

An extensive operation with qualified staff capable of handling all aspects of the A320 family. After 10 years of operation, with the highest utilisations in the world, this demonstrates that we are able to meet any requirement, from normal operations to AOG recoveries.

- Carry out transit, daily, weekly, out of phase and 'A' checks
- Dedicated team of B1 and B2 A320 licensed engineers
- Support from experienced technicians
- Fully temperature controlled store monitored by CCTV





WHEEL AND BRAKE SHOP

This department currently serves all the wheel and brake needs of Air Arabia as well as those of other customers, with scope of work including:

- Main wheel tyre change/repair
- Main wheel overhaul
- Nose wheel tyre change/repair
- Nose wheel overhaul
- Brake heat pack change/repair
- Brake shim installation
- Brake overhaul





OUTSTATION SUPPORT LINE MAINTENANCE

Air Arabia now has several manned stations and continues to grow this capability. Being a part of a leading airline helps us understand the importance of Line Maintenance support and its critical role in maintaining operational punctuality.



- Ability to offer technical assistance, whether full CRS certification, headset operation or storage of aircraft spares
- Support and assistance in AOG situations, if required
- Being a part of a leading airline helps us understand the importance of Line Maintenance support and its critical role in maintaining operational punctuality
- GCAA licensed engineering services are offered in our manned stations such as CGP, DAC and KTM with further stations planned



BATTERY SHOP

The battery shop is fully equipped to test, repair and fully overhaul main aircraft batteries of modern aircraft. Currently, the shop is fully capable of servicing and issuing CRS for battery P/N.2758, which is used on Airbus 319, 320 and 321. The shop is also equipped for servicing EPSU (Emergency Power Supply Unit) batteries.





NON-DESTRUCTIVE-TESTING (NDT) SHOP

The NDT shop performs various NDT techniques within the scope of work and supports workshops, hangar and line maintenance inputs where applicable (A-chks., C-chks., etc.)

Air Arabia elected to invest significantly in a new NDT support shop to meet the needs of all Level 11 NDT for the airline. The NDT shop is staffed by highly qualified and vastly experienced engineers and technicians. They have been trained to carry out all aircraft related NDT (UT, ET, MT, PT, RT, & TT) inspections regardless of aircraft type.



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