

The image shows a large industrial engine, likely a jet engine, being worked on by several technicians in a hangar. The engine is mounted on a yellow support structure. The technicians are wearing blue uniforms and are focused on the engine. The background shows the interior of a large hangar with various equipment and structures.

ENGINEERING & MAINTENANCE

مهندسی و تعمیرات

Iran Air Engineering & Maintenance Division with more than half a century of valuable experience, is the leading and the most experienced aircraft Engineering and Maintenance Organization (MRO) in Iran that under the Islamic republic of Iran Civil Aviation Organization (CAO.IRI) approval and with the assistance of professional management, well-trained and expert staff and utilizing extensive facilities and well-equipped maintenance hangars in a vast space, provides engineering and maintenance services to a wide range of Boeing, Airbus, Fokker and ATR aircraft and related parts as well as other specialized services in compliance with international standards and a high level of reliability.

This Division with over 1000 skilled and well-trained staff in the field of aircraft maintenance and related parts and about 100 qualified and expert engineers in the field of aircraft engineering and continuing airworthiness management, all educated from the approved aeronautical training centers and the top universities inside and outside the country and enjoying a close cooperation with a large chain of suppliers and service providers around the world and utilizing the proper equipment and facilities, is able to provide the required specialized services not only for the Iran Air fleet but also for the other domestic and international airlines based on the CAO.IRI and international standard and requirements.

Iran Air Engineering & Maintenance division is able to provide all required engineering and maintenance services of aircraft, including scheduled line maintenance such as transit, daily, weekly checks at domestic stations as well as base maintenance and implementation of modifications and the instructions issued by the aircraft/component manufacturing companies and regulatory authorities of the industry, including the CAO.IRI on different aircraft, parts and systems by using three fully equipped hangars with an approximate area of 21000 square meters at Mehrabad airport and two ready to exploit hangars at IKA airport and up to date facilities and equipment in domestic stations in the shortest possible time, highest standards and the best affordable price.

The E&M specialized workshops including Aircraft Mechanical and Avionics Workshops as a part of engineering and maintenance division, using well-experienced staff and appropriate equipment and facilities to provide all the required maintenance and specialized services of the parts, as well as non-destructive testing (NDT) on the aircraft and components.

The Aircraft Mechanical Workshops are able to perform inspection, test, repair, overhaul, widespread workshop services and necessary modifications on the mechanical parts of the different engines and aircraft in the fields of welding, aircraft structural repair, hydraulic systems, landing gears and etc in accordance with CAO.IRI approved workshops capability list and using modern and proper facilities and equipment which are located in 17 separate sections with an approximate area of 15,000 square meters.

The Aircraft Avionics Workshops which in terms of ability, staff proficiency and equipment are between the top workshops in the region, are able to perform inspection, test, repair, overhaul and modification on a wide range of electric, electronic & avionic parts of different engines and aircraft, as per CAO.IRI approved workshops capability list, using modern facilities and equipment in 6 separate sections with an approximate area of 3700 square meters.

Considering the backing experience gained from the maintenance of Iran Air fleet over the years and due to use of professional human resources, expert engineers and experienced specialists and technicians in all departments of engineering and maintenance division and using fully-equipped facilities and up to date equipment, this division is able not only to meet the engineering and maintenance requirements of Iran Air fleet but also to offer them to all customer.

Engineering and Maintenance at a Glance ???

Base Location: Mehrabad and Imam Khomeini Airports

Hangars: 3 hangars suitable for wide and narrow body aircraft in Mehrabad Airport
2 hangars suitable for wide and narrow body aircraft in Imam Khomeini Airport

Manpower: Around 1500 highly trained and qualified experts in the field of Support, Engineering and operational departments

Maintenance Workshops:

well- equipped Aircraft Mechanical and Avionics Workshops capable of inspection, test, repair, overhaul of Hydraulics, mechanical, electrical and avionic parts

Scope of activities: line maintenance

Base Maintenance (light & heavy Maintenance)

Aircraft structural repairs

Aircraft engine repair

Aircraft Landing Gears maintenance

Modifications implementation

Cabin refurbishment

Non-destructive test on aircraft and components

Extensive repair service and calibration of equipment and mechanical, hydraulics and avionics parts

Aircraft engineering and Continuing Airworthiness management

Aircraft Types: Boeing 727-200, 747-200, 747-100, 747-SP, 737-200
Airbus A300,A300-600,A310-200,A310-300,A320,A330
Fokker F100
ATR 72-600

Approval & Certificates:

CAO.IRI Part 145

CAO.IRI Part M

Supply: The engineering and maintenance Technical Supply department is ready to cooperate in supplying various types of spares, standard and consumables parts of aircraft, engines and components