

Alenia Aeronautica heads the Finmeccanica aeronautics business. As the Italian leader in the aeronautics sector and a major international player in the global aerospace industry, Alenia Aeronautica combines growth with innovative products backed by a strong commitment to research and development.

With its well-established relationships with other worldwide key aerospace companies, Alenia Aeronautica is a renowned player in some of today's leading military and commercial programs.

Alenia Aeronautica has full system development and integration capabilities in the most advanced fields, including high performance combat aircraft, military and commercial transport aircraft, unmanned air systems, mission systems aircraft, modern composite aerostructures for airliners and - through its Alenia Aermacchi subsidiary - a complete line of trainer aircraft. Comprehensive support services are part of each system supplied to its many customers worldwide.

Defence Aircraft

The Eurofighter Typhoon epitomises the Alenia Aeronautica experience in the design, production and integration of leading-edge military aircraft. The C-27J is the world's most successful tactical transport aircraft is the most successful, chosen by the US Army and Air Force and many other international customers. The Alenia Aermacchi M-346 "Master" is the only new generation advanced jet trainer on the market today. Alenia Aeronautica is also the Italian prime contractor for the F-35 Lightning II next-generation attack aircraft. Activities benefit from the experience gathered through the Tornado and AMX programmes, which Alenia continues to support and maintain.

Commercial Aircraft

Every thirty seconds an airplane built by Alenia Aeronautica, or using aerostructures built by it, takes off or lands somewhere in the world. Through the ATR turboprop family and the all-new Superjet 100 jet family, Alenia Aeronautica is a world leader in regional aircraft. It is a crucial partner on the advanced Boeing 787 Dreamliner and giant Airbus A380 airliners, and provides

structures and components for over 15 other airliners and business jets built by leading manufacturers.

Unmanned Air Systems

The Sky-X and Sky-Y flying demonstrators are visible signs of the Alenia Aeronautica know-how and commitment to UAS technologies. The civil Molynx and the forthcoming military UAS are based on these demonstrators. Alenia Aeronautica is the second largest participant in Neuron, the European UCAV development platform. Alenia systems integration skills allow these unmanned platforms to carry sensors tailored to specific mission requirements and fly in fully automatic modes.

Logistic support

Effective logistic support is a product in its own right. From removing components to repairing them at the customer's base and restocking spares, the dedicated Alenia Aeronautica support unit controls the various phases of the logistic chain, supplies the required support tools and maintains the aircraft.

Simulation and Integration Testing

In addition to working for internal projects and Finmeccanica companies, the world-class Alenia Aeronautica support facilities and infrastructures are marketed to third parties on a commercial basis. The new anechoic shielded chamber is a protected environment for electromagnetic compatibility measurement and high radio frequency sensitivity tests. The Skylight Simulator provides the most representative artificial reproduction of natural ambient light conditions anywhere in the world. The Pomigliano structural test lab performs sophisticated tests on new materials.

The Alenia Aeronautica companies

Alenia Aeronautica can rely on a first-class international network of subsidiaries

(including Alenia Aermacchi, Alenia Aeronavali, Alenia Composite, Alenia SIA, and Alenia North America, the latter managing its interests in the United States), joint ventures like Eurofighter (with BAE Systems and EADS), ATR (with EADS), GMAS (with L3 Communications), SuperJet International (with Sukhoi) and Global Aeronautica (with Boeing). Alenia Aeronautica is also a shareholder in Sukhoi Civil Aircraft Company (SCAC) and has long-established relationships on many other programs with Boeing, Lockheed Martin, Airbus, EADS, Dassault.

