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Alenia North America

Alenia North America is a subsidiary of Alenia Aeronautica and part of the Finmeccanica group of companies. Alenia Aeronautica is the largest Italian aerospace company and a worldwide leader in commercial and military aviation, unmanned aerial vehicles and aerostructures. Alenia Aeronautica also coordinates the activities of Alenia Aermacchi and Alenia Aeronavali. Alenia Aermacchi is active in the design and manufacturing of military trainer aircraft. Alenia Aeronavali's core business is in the overhaul, maintenance and modification of military and civilian aircraft. Through the joint ventures ATR and Superjet International, Alenia Aeronautica is the world leader in the regional turbo-prop and jet market.

Alenia North America is also a shareholder in several joint venture companies located in the United States:

Global Aeronautica

Global Aeronautica, a joint venture with Boeing located in North Charleston, South Carolina, performs significant integration and sub-assembly work for the Boeing 787 program.

Global Military Aircraft Systems (GMAS)

GMAS, a joint venture with L-3 Integrated Systems, is a "center of excellence" to support the C-27J in North America. GMAS is headquartered in Huntsville, Alabama.

Our Products:

C-27J

The C-27J Spartan is the world leader in the twin-engine military tactical airlifter market. The C-27J, the chosen Joint Cargo Aircraft of the Army and Air Force, will play a critical role in supporting our soldiers and National Guard.

It is a product of Alenia North America, whose partners on this aircraft include L-3, Honeywell and Rolls-Royce North America.

With outstanding ground performance, such as the ability to land on unimproved surfaces, and an amazing 2,300 nautical mile flight time with 13,227 pounds of payload, the C-27J proves that it can go FURTHER and FASTER no matter the mission demands.

The C-27J is a tactical transport airplane that can perform many missions, including maritime surveillance, search and rescue operations, paratroop missions, and logistics transport.

For homeland security, the C-27J can be configured for medical evacuations, fire fighting, aerial spraying, and re-supplying, and delivery of humanitarian relief.

M-346

The Alenia-Aermacchi advanced trainer, the M-346, is an entirely new lead-in fighter trainer that emulates the latest fighter airplanes and trains pilots efficiently to handle the latest generation combat equipment.

Agile and capable, with built-in combat simulations and significant growth capability, the M-346 is a cost-effective solution for air forces requiring advanced jet training.

The M-346 is competing around the world and was recently selected by the Italian Air Force as its next advanced jet trainer.

Composites

Alenia has a long history in the application of composite technology for aerostructures. From commercial to military programs, composites are playing an

increasing role. By replacing metal, composites make a stronger and lighter aircraft with significantly improved fuel efficiency and longer operating life.

Alenia has a major role in the Boeing 787, an all composite fuselage aircraft. In Italy, Alenia manufactures the horizontal stabilizer and a significant portion of the fuselage. In South Carolina, through Global Aeronautica, we assemble and integrate 60% of the 787 fuselage.

Alenia is also a major partner in the Joint Strike Fighter and Eurofighter programs, each of which relies heavily on composite technology. Alenia will manufacture the center wingbox and establish a final assembly and delivery facility for European JSF partners.

ATR-Special Missions Systems

Based on the widely proven and optimized ATR family – to date, more than 670 ATR aircraft have been sold worldwide – Alenia produces 2 special mission versions: Maritime Patrol (MP) and Anti-Submarine Warfare (ASW).

ATR-42 MP

The ATR-42 Surveyor MP is Alenia Aeronautica's response to evolving maritime surveillance needs. It builds on more than 10 million hours of in-service experience to provide high reliability, very low operational and maintenance costs and the capability to operate in tough environments, including unprepared strips, short and narrow fields, and extreme weather conditions.

The ATR-42 MP is fitted with the latest observation systems and an open, modular integrated mission management system capable of performing vessel search, identification and surveillance, maritime and coastal surveillance, search and rescue, and pollution detection. The aircraft can be quickly and easily reconfigured to fill secondary roles such as troop/paratroop transport, medical evacuation, passenger/VIP transport, and cargo transport.

The ATR-42 MP is currently in operation with the Italian Customs Police (3) and Coast Guard (3). In addition, the aircraft has recently been selected by Libya (1) and Nigeria (2).

ATR-72 ASW

The ATR-72 ASW is the most affordable solution to fill the anti-submarine role in modern naval warfare.

The ATR-72 ASW integrates the tactical patrol and surveillance mission system of the ATR-42 Surveyor with additional anti-submarine warfare capabilities such as a search radar, an acoustic system with sonobuoy launcher, an electro-optic system, a Magnetic Anomaly Detector (MAD), a self protection system including Electronic Support Measures (ESM), Missile Warning System (MWS), chaff and flare dispensers and an armament system with four underfuselage pylons for depth charges, torpedoes and anti-ship missiles.

The ATR-72 ASW has recently been selected by the Turkish Government to be operated by the Turkish Navy.

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