

Farnborough, July 9 2012

### **Alenia Aermacchi introduces the new MC-27J, multi-mission version of the Spartan**

Alenia Aermacchi is pleased to introduce a new version of the C-27J battlefield airlifter, the MC-27J. The MC-27J is a multi-mission, armed, Roll On/Roll Off (RO/RO) derivative of the C-27J Spartan. Alenia Aermacchi and ATK will jointly produce and market this new offering.

The new MC-27J is an adaptable, agile, and affordable solution for various airborne multi-mission requirements that today are performed by a wide variety of aircraft, including special operations versions of the C-130. The MC-27J is not just a gunship, but a battlefield tested platform equipped with proven sensors, communications, and weapons suite able to execute a wide range of customer-driven missions.

The MC-27J is designed to support air forces and Special Forces in performing several key operations, including: anti-terrorism missions, the evacuation of military personnel and civil populations from crisis areas, fighting asymmetrical threats and for all standard operations of the Special Forces. The MC-27J provides Special Forces a platform with quick transfer speed; long operational range and ample cargo capacity (console for the systems' operators, troops and vehicles). The MC-27J is capable of taking off from and landing on short and/or unprepared strips while acting as an autonomous command and control centre integrated with the ground command network. The MC-27J will also provide Intelligence Surveillance & Reconnaissance (ISR) capability as well as the ability to deploy paratroopers. Furthermore, the MC-27J's target designation and on-board weapons systems provide outstanding support for ground operations.

ATK's gunship capability is provided from a newly developed palletized weapons system, which is self-contained, modular, scalable and provides RO/RO flexibility. This palletized system integrates sensors, communications and weapons into a responsive and reconfigurable mission package. Specific features for the MC-27J system include enhanced electro-optical/infrared targeting sensors, a trainable 30mm cannon, precision guided munitions, advanced communications and a networked mission management and fire control system.

The MC-27J provides outstanding offensive capability utilizing a palletized weapon system specifically designed for the ATK 30mm GAU-23 cannon and other precision guided weapon systems, resulting in a highly effective system that minimizes collateral damages. The palletized system is designed for easy embarkation and disembarkation via the aircraft's rear ramp; permitting flexibility in the use of the unaltered aircraft. The primary configuration requires minimal integration on the aircraft's frame to significantly reduce acquisition costs and development times, while retaining the C-27J's robust airlift capabilities.

At the core of the MC-27J is the C-27J Spartan, the best selling battlefield airlifter, offering payload, persistence and out-of-area capabilities coupled with high performance; high maneuverability and the capability to operate on short, unpaved strips. The Spartan is currently the world's best seller in the tactical airlifter's category with 89 airplanes ordered by 9 countries all over the world including Italy, United States and recently, Australia.

The MC-27J offer commonality of equipments and systems with larger multi-mission platforms but at much lower operational costs and with the operational flexibility of being able to operate from shorter runways also in hot and high conditions, and as modern and reliable solution for those air forces interested in integrating their forces with a skilled airplane in a very delicate role but at the same time very flexible in its use.

**Background informations:**

The Aeronautics Sector of Finmeccanica is led by **Alenia Aermacchi**, the largest Italian aeronautic company that operates world-wide in the design, development, production, maintenance and modification of commercial and military aircraft, unmanned aerial vehicles, military trainer aircraft and aerostructures. Alenia Aermacchi, together with its owned companies and subsidiaries, has a total work-force of ca. 12,000 people. The company has put into operation a wide network of joint ventures and product and programme partnerships, such as SCAC with the Russian company Sukhoi for the production of the Sukhoi Superjet 100 regional jets; Eurofighter, with BAE Systems for the U.K. and EADS for Germany and Spain, for the production of the Eurofighter Typhoon twin-engine supersonic aircraft; GMAS with L-3 for the tactical transport aircraft C-27J for the United States; ATR with EADS for the production of the turboprop regional aircraft. Alenia Aermacchi is the only responsible for the development of the ATR versions for maritime patrol and for anti-submarine warfare. Alenia Aermacchi also participates in the design and production of the horizontal stabiliser and mid-body fuselage for the new Boeing 787 Dreamliner. Alenia Aermacchi has developed unmanned platforms developed specifically as demonstrators of innovative techniques and technologies and participates in international collaboration programmes. [www.aleniaaermacchi.it](http://www.aleniaaermacchi.it)

**ATK** is an aerospace, defense and commercial products company. The company is a defense leader in medium-caliber gun systems, ammunition, precision and strike weapons, missile warning solutions, fuzing for air delivered weapons, the next-generation of GPS-guided mortar and artillery projectiles, and precision air-delivered missiles and rockets. The company also specializes in gunship and special mission aircraft conversion and delivers affordable, responsive and advanced weaponized aircraft capabilities to customer-preferred platforms. The company news and information can be found on the Internet at [www.atk.com](http://www.atk.com).