

Aero Sekur modular enclosure system for JSF maintenance



Photocaption: An inflatable enclosure system for the F-35 Lightning II will be supplied by Aero Sekur: the system will provide a flexible maintenance solution.

Aero Sekur has won a significant first order to supply an Inflatable Maintenance Enclosure and Climatic Controller to Northrop Grumman for field repairs to Lockheed Martin's Joint Strike Fighter (JSF), the F-35 Lightning II. With forty years experience supplying complex flexible structures for military use, Aero Sekur will develop a temporary inflatable field maintenance system for protecting the F-35. A climatic controller sourced by Aero Sekur will be integrated into the enclosure.

The modular design for Aero Sekur's enclosure will give JSF's support crews the option of housing the complete strike fighter or individual airframe or wing sections. Environmental protection will be provided by the climatic controller which blows temperature and humidity controlled air on the repair area and ensures controlled / consistent conditions of aircraft surface for maintenance operations. The units will be manufactured at Aero Sekur's 150,000 sq ft primary production facility in Aprilia, South of Rome.

The Joint Strike Fighter program is expected to be the largest procurement of military aircraft, with approximately 3,000 F-35s planned for the US Air Force, Navy, and Marine Corps; the British Royal Air Force and Navy; Italian Airforce and Navy and potentially more than half a dozen other countries.

Aero Sekur is a specialist manufacturer of safety systems and advanced flexible structures. The expanding company has over 180 people based at its primary manufacturing facility and an international supply capability. Products include parachutes, UAV recovery systems, helicopter liferaft & flotation systems, ground defence products - including CBRN, R&D, repair/overhaul, space structures and aircraft/helicopter fuel tanks.

Northrop Grumman Corporation is a leading global security company whose 120,000 employees provide innovative systems, products, and solutions in aerospace, electronics, information systems, shipbuilding and technical services to government and commercial customers worldwide.

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