

NEW TECHNOLOGY GIVES EFASS A LIFT

CUTTING edge door and crane technology has raised Rubb's game in the military sector. Rubb Buildings Ltd has been at the forefront of supplying vital hangars to the frontline in conflict torn Afghanistan.

The newly developed 25m span EFASS, complete with an 18.5m wide x 6.5m high aircraft door is currently being used by many different forces from around the world. Six 25m x 36m hangars were delivered to the Canadian military at Kandahar Airfield.

Sales Manager Ian Hindmoor said: "These were the first ones to feature the new Heli-Door and four were also equipped with internal two-tonne gantry cranes. They were designed to house various aircraft from UAVs to Chinooks."

The crane system was designed to help users of the hangars with their daily maintenance procedures for aircraft in the field.

The sixth and final EFASS was erected in February 2010 by a Technical Assistance Visit (TAV) Team, led by 14 Construction Engineer Squadron (CES). Captain Mike Taylor, Deputy Officer in Charge of 91 Construction Engineering Flight, described the EFASS structure as 'a very slick piece of kit'.

The only heavy equipment required to assemble the structure is an articulating boom man lift and a forklift truck – no crane is required. Each hangar is constructed using a number of steel fabricated components together with uniquely designed aluminum roof and leg sections, that bolt together to form the span trusses. When assembled, insulated PVC fabric sheets slide between the aluminum extrusions of adjacent spans to form the shelter.

Construction Superintendent Warrant Officer Tom Bentley, who has also worked with the 'super-tent' system on previous TAVs says: "The pieces are extremely durable, made from first class materials. Even the hand tools provided were nothing but top quality."

The completed facility is large enough to accommodate maintenance of a CH-147 Chinook helicopter without removing the rotors.

The experts at Rubb are always advancing new technology and a new 21.5 x 7m Heli-Door is the latest development. They are currently working on a wider span and lower door concept for hangars to house Unmanned Aerial Vehicles.



we will never stop innovating