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SADAK-2MK

“PLUG and FLY” System for Combat Aircrafts and UAV

ASELSAN has designed its first domestic smart twin carriage rack which enables the carriage of guided munitions (Laser, INS/GPS, IIR or infrared) under a pylon to increase the combat aircraft's and Unmanned Aerial Vehicle's (UAV) carriage capacity.

ASELSAN offers the latest pneumatic technologies with a 350-bar energy source into carriage system. The pneumatic technologies consist of ejection release units for guided munitions, which are critical for bomb racks and energy sources as well. The bomb racks have NATO standards therefore they can be integrated to a wide range of platform's pylons.

500-pound and 1000-pound guided munitions can be integrated to SADAK-2MK and two smart various munitions could be released from a single station. Thus, the system supports various weapons on a single pylon and provides asymmetric loading on the aircraft. Also, it significantly increases the store carriage capability of Combat Aircraft/UAV while enhancing pilot and ground crew safety and efficiency with its smart weapon management system reducing the number of sorties required in missions. Using SADAK-2MK pilots can rearrange the target coordinates of INS/GPS guided munitions up in the air without calling the plane back to base.

SADAK-2T

“PLUG and FLY” System for Light Combat Aircrafts and UAV

ASELSAN has designed a Smart Pneumatic Twin Rack in order to carry its state of art TOLUN and TOLUN-IIR guided bombs (INS/GPS/IIR) under a pylon to increase the Light Combat Aircraft's (LCA) and Unmanned Aerial Vehicle's (UAV) carriage capacity.

ASELSAN offers the latest pneumatic technologies with a 350-bar energy source into carriage system. The pneumatic technologies consists of ejection release units for guided munitions, which are critical for bomb racks and energy sources as well. The bomb racks have NATO standards therefore they can be integrated to a wide range of platform's pylons.

SADAK-2T is specially designed just to be compatible with 250-pound TOLUN and TOLUN-IIR guided bombs. Two of this smart guided bombs can be released from a single station. TOLUN's

various variants can be integrated on a single pylon using SADAK-2T which provides asymmetric loading on to the platform. Also, it significantly increases the store carriage capability of LCA and UAV, while enhancing pilot and ground crew safety and efficiency by reducing the number of missions required in per sortie. Using SADAK-2T pilots can rearrange the target coordinates of TOLUN up in the air without calling the plane back to base.

About ASELSAN:

As a global technology leader, we have established an organization that delivers new experiences to our users all across the world. By investing into our highly diversified human asset, we keep growing in a sustainable and inspiring fashion.

A journey began with a radio communication device today took us to more than 500 various products and solutions that changed “status quo ante” in defense and security arena. Our ambitious global expansion strategy made us embracing investment opportunities in promising markets.

With the inspiration of our clients in more than 80 countries, we start every new day with new ideas and dreams that encourages us to challenge technology boundaries. Striving for a better planet is our endless motivation.

Note: For more information regarding the products, please visit our booth at the IDEF 2023.

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