

Airshow China Photo Report – Air Defense

Defense Update

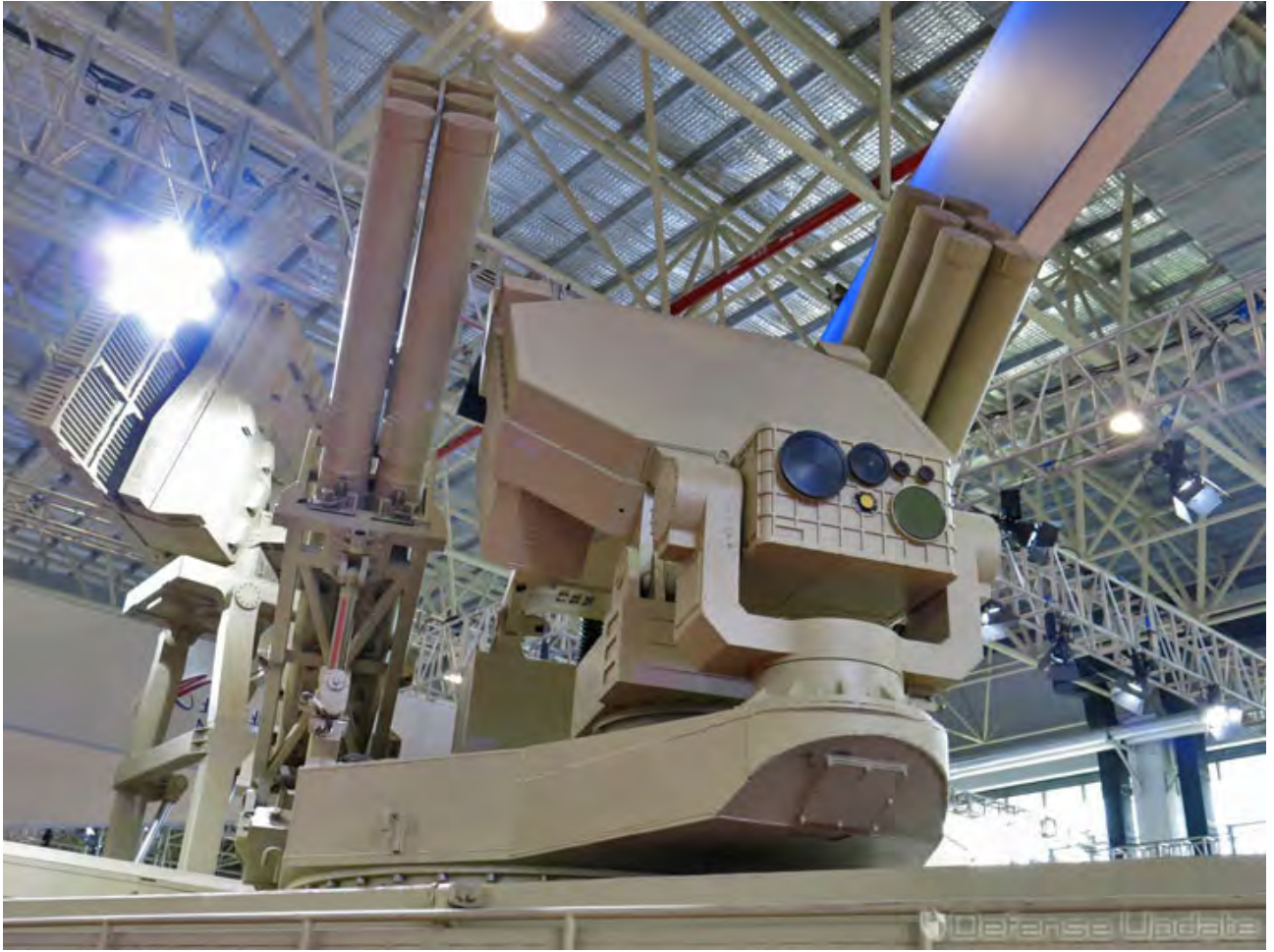
Sky Dragon 50 medium range SAM displayed by NORINCO. The system is designed for low, medium and high altitude air defense at ranges of 50 km. The SAM unit comprises a single IBIS 150 3D target designation radar and one fire distribution vehicle, controlling 2-6 mobile fire units each carrying four launchers.



Sky Dragon 50. Photo: Tamir Eshel, Defense-Update

Sky Dragon 12 – An integrated, mobile SHORAD system similar to the Russian KBP Pantsir S1 system. Sky Dragon 12 has an effective range of 12 km, and altitude of 5 km. The radar and battle management system can be integrated with 35mm AA guns to form an integrated forward-based air defense weapon system.





Sky Dragon 12. Photo: Tamir Eshel, Defense-Update



Sky Dragon 12. Photo: Tamir Eshel, Defense-Update

LY-80 medium range SAM from China Aerospace Science and Technology Corp. (CASC) providing area air defense of critical assets. The system employs a multifunction phased array tracking and guidance radar searching at ranges up to 140 km. The system uses a combined guidance system employing both ground illuminating and semi-active homing, at ranges up to 85km. Interception altitude from ground level to 15 km, at ranges of 3.5-40 km.



LY-80 medium range SAM. Photo: Tamir Eshel, Defense-Update



LY-80 SAM. Photo: Tamir Eshel, Defense-Update



LY-80 SAM Photo: Tamir Eshel, Defense-Update



I-9 Air Defense System. Photo: Tamir Eshel, Defense-Update

I-6 short range air defense system. The I-6 integrates the HQ-6 missile system and 7 barrel 30mm anti-aircraft artillery and command and control vehicle carrying a low-altitude search and target acquisition radar. Both gun and missiles are designed to provide a terminal defensive layer protecting the I-9 weapon system against air attacks by stand-off precision guided weapons, covering medium to low altitude.



I-6 Short Range Air Defense. Photo: Tamir Eshel, Defense-Update



I-6 Short Range Air Defense. Photo: Tamir Eshel, Defense-Update



I-6 Short Range Air Defense. Photo: Tamir Eshel, Defense-Update

Several Chinese companies have displayed advanced medim range air defense systems at Airshow China 2014. This variant, the FD-2000 was offered by CPIMEC to Turkey. The photo shows the Transporter-Erector-Launcher (TEL) and radar associated with the system.



FD2000 – China's S-300. Photo: Tamir Eshel, Defense-Update



Photo: Tamir Eshel, Defense-Update