


SM-27S/T

Turboprop Machete

...For Irregular Warfare



Designed for Irregular Warfare needs, the SM-27 Machete will enable air strikes directly at core insurgent forces in the field, in training, and in hiding. Particularly well-suited for low-level CAS, COIN and FAC above dense jungle, desert, maritime, and rugged mountain environments with limited forward and ground support, Machete aircraft will exhibit exemplary maneuverability, integrated sensors and electronic countermeasures, superior low-speed handling, short-field performance, high maximum level speed, significant external warload and reduced maintenance requirements. Designed to bridge OA-10C capabilities while replacing A-37 Dragonflies and OV-10 Broncos worldwide, the Machete is the next generation Super-COIN and Light Attack/Armed Reconnaissance Aircraft.

Offering a tactical radius of 750 nm and able to carry a 6,500 lb warload the SM-27S/T will be a 21st Century A-1 Skyraider. The SM-27S/T will be powered by a single 2,920 SHP PW127G, is armed with a centerline mounted 30mm cannon and is heavily armored throughout. With a maximum level speed of 390 KTAS the turboprop Machete has been designed specifically for COIN/CAS. Featuring an F-16 style, all-glass cockpit that incorporates F-16 flight control grips and reclined Martin Baker Mk16 ejection seats, the turboprop Machete will be produced in single seat attack (SM-27S) and two seat tandem attack/trainer (SM-27T) configurations. With in-flight refueling capability, integrated avionics and 9g+ maneuverability in the clean-configuration, the turboprop Machete will have a unit cost of between \$10 and \$15 million. Now under development, the SM-27S/T will enter production in 2015-2017.