

SM-27J

Machete Turbofan



For Close Air Support

It will have the highest thrust-to-weight ratio of any dedicated attack aircraft. It will fly faster with maximum external stores at sea level than most attack aircraft can fly clean. With optional APG-67(V)4 radar, a derivative non-afterburning GEAE F414 powerplant and the most powerful 30mm aircraft cannon available today, the single-seat SM-27J will change the face of CAS.

With Titanium wings, Titanium fuselage substructure, a Titanium armored cockpit and over 500 lbs of dedicated armor throughout the aircraft, the SM-27J is designed to take a beating. With dual flight control surfaces, redundant control systems and discrete, self-sealing, inert-gas pressurized fuel tanks Stavatti has paid close attention to Machete survivability.

Able to carry an external warload of 8,000 lbs with full internal fuel, the SM-27J will perform most of the OA-10A mission at a fraction of the operating cost. An all-weather, Day/Night attack aircraft, the SM-27J will offer 9-g maneuverability, in-flight refueling and a comprehensive Electro-Optical Sensor Suite. The SM-27J is scheduled to enter production in 2014-2015.