



NEWS RELEASE

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Stavatti Will Respond to USAF NGAD Source Selection Solicitation

Stavatti Aerospace will be submitting a response to the USAF solicitation to industry for an Engineering and Manufacturing Development (EMD) contract for the Next Generation Air Dominance (NGAD) fighter. The Stavatti response will focus upon a domestically oriented variant of the SM-39 Razor that incorporates classified technological advantages over potential adversary platforms.

The SM-39 Razor is twin engine, variable cycle afterburning turbofan powered Multi-Domain Next Generation Air Dominance Fighter and Strike aircraft. Designed to succeed F-15 and F-22 aircraft, the SM-39 employs prominent wing stakes to significantly reduce drag at supersonic speeds. Capable of level speeds in excess of Mach 4 with a tactical radius of over 1,000 nm on internal fuel, the SM-39 benefits from a planform aligned trapezoidal wing and all moving horizontal tail. With a large array AESA radar, adaptive avionics and EW, internal weapons carriage and thrust vectoring exhaust nozzles, the SM-39 is a low-observable, super-maneuverable aircraft for both land based and naval carrier operations.

Pioneering new approaches in aerodynamics, high temperature airframe structures, efficient variable cycle turbine propulsion, active low-observability and boundary layer control, integrated avionics, synthetic intelligence, enhanced lethality and offensive/defensive directed energy weapons, the SM-39 will be produced in single seat (SM-39S), two seat tandem (SM-39T) and unpiloted autonomous (SM-39U) configurations. The SM-39 will be developed to work in concert with tethered and untethered Collaborative Combat Aircraft including Stavatti's own SM-31U "Steadfast Stiletto" solution.

Now under development by Stavatti to meet US service needs as well as to serve as an export fighter to replace allied F-15C/D/E/EX/J/K/Q/S aircraft, the SM-39 will be competitively priced and offer significant cost savings over similar class platforms. Designed for exportability, Stavatti began submitting DSP-5 applications to the Directorate of Defense Trade Controls (DDTC) to receive prior approval to market the SM-39 to US allies currently operating the F-15 in April 2023, including Case Number 050773088.

Addressing a global market need for 6th generation Air Dominance Fighters, Stavatti projects that up to 100 SM-39 aircraft will be produced annually by Stavatti at production facilities in the USA, creating more than 2,200 direct jobs for two to five decades.

Stavatti Aerospace Ltd. is an innovative aerospace defense enterprise focused on the design, development, and production of next generation aerospace vehicles. Stavatti Aerospace Ltd is a privately held American Corporation with a CAGE Code of 8GT89.

Media Contacts

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