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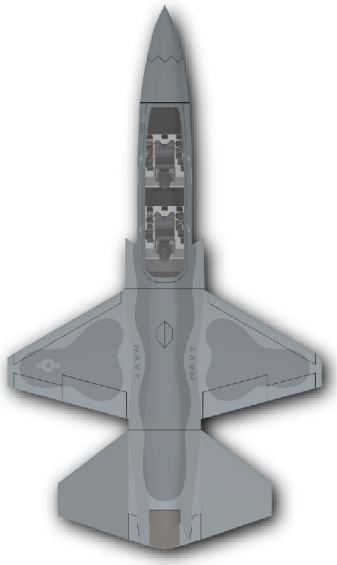
SM-31 STILETTO



SM-31 STILETTO BRIEFING

Supersonic Trainer and Advanced Light Fighter Engineered, Produced and Supported by Stavatti Aerospace Ltd.

STAVATTI AEROSPACE

As Presented at the AIAA SoCal ASAT Conference 25 April 2026 by Christopher R. Beskar, Stavatti Founder & CEO

SM-31 STILETTO

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The SM-31 Stiletto is an Advanced, 5th Generation Supersonic Trainer and Light Fighter. Produced in Single Seat (SM-31S) and Two Seat (SM-31T/A) configurations, the SM-31 is a stealthy, single engine aircraft with an internal weapons bay. The SM-31 has a maximum level speed in excess of Mach 1.5 and can carry a 7,250 lb external warload. The SM-31 will replace F-5, T-7A, T-38, T-45, T-50, L-39 and Hawk Aircraft worldwide.

SM-31 Stiletto
Afterburning Turbofan
Trainer and Light Fighter

1.5+ Mach
7,250 lb Warload
1,300+ nm Range

$23 Million Unit Flyaway Cost

Cost Per Flight Hour (CPFH): $4,398

STAVATTI AEROSPACE

CAGE CODE: 8GT89 DUNS: 117383324 PSC: 1510

US NAVY UJTS

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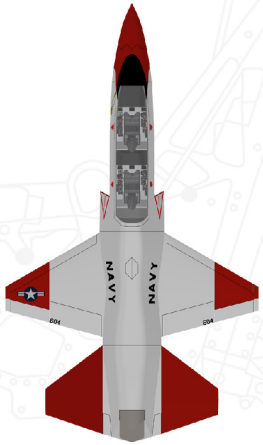
Stavatti Aerospace is one of five qualified prime contractors bidding on the US Navy Undergraduate Jet Training System (UJTS).

Stavatti is proposing the delivery of 216 SM-31A Trainers to the USN between 2032 and 2043. The UJTS program will provide a successor to the T-45 Goshawk.

UJTS Proposals are due on 29 June 2026.



The Stavatti Aerospace Competitive Edge

- Delivers a supersonic, stealth-optimized carrier capable design that exceeds UJTS specifications
- Offers cost advantages with a $23 Million unit cost and $4,396 cost per flight hour (CPFH)
- Demonstrates agility through milestones such as the NAVAIR CUI NDA and RFI responses
- Supported by Industry Leaders including (REDACTED)
- Presents a rare opportunity to strengthen USA-International Aerospace Collaboration

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PRIMARY COMPETITORS

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The Primary Competitors in the UJTS Competition Include:

Stavatti SM-31A/T Stiletto, a new design carrier capable trainer and stealth fighter

Boeing/Saab T-7A Red Hawk, a navalized version of the T-7A for UJTS

Lockheed Martin-KAI TF-50N, a naval optimized version of the KAI T-50

Textron/Leonardo M-346N, a naval optimized version of Leonardo's M-346 Master

Sierra Nevada Corporation Freedom Jet, based on a design conceived with TUSAS

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SM-31A SPECIFICATIONS

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SM-31A STILETTO SPECIFICATIONS

Aircraft: SM-31A Stiletto
Unit Flyaway Cost: $20,000,000

Manufacturer: Stavatti Aerospace Ltd
First Flight: 2026-2028

Accommodation

Crew	Two Seat
Seating	MK16 or MK18 Ejection Seats

Powerplant

Number	1
Type	Afterburning Turbofan
Model	F125-GA-100
Manufacturer	Honeywell
Afterburning Thrust (lbs)	9,850
Military Thrust (lbs)	6,230
Air Inlets	Bifurcated Pitot Shock
Nozzle	VG Thrust Vectoring

Dimensions

Max Wingspan	24 ft 0 in
Max Length	41 ft 8 in
Max Height	9 ft 0 in
Wing Area	176 sq ft
Wing Aspect Ratio	3.27
Wing LE Sweep	30°

Weights

Empty	7,100 lbs
Max Internal Fuel (JP-8)	4,000 lbs
Typical Takeoff (TTW)	11,500 lbs
Mid-Mission Weight (MMW)	9,600 lbs
Max Take-Off (MTOW)	12,500 lbs

Loadings

Wing Loading-MMW	54.5 lbs/sq ft
Wing Loading-MTOW	71.0lbs/sq ft
Thrust-to-Weight-MMW	1.03 to 1
Thrust-to-Weight-MTOW	0.79 to 1
Design Load Factor-MTOW	+9.0
Ultimate Load Factor-MTOW	+13.5

Armament

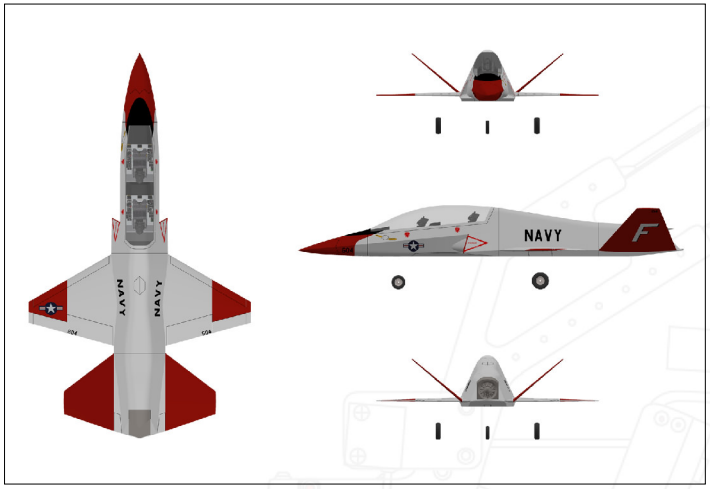
Fixed Internal	None
Ammunition	None
Stores Stations (Internal & External)	8
Max Warload	1,100 lbs (7,250 lbs Ultimate)

Avionics & Electronic Warfare

Radar	(REDACTED) AESA (Optional)
IRST	EOTS (Optional)
HUD	CED, HMD or LiteHUD
Comm	AN/ARC-210 Gen V
IFF	AN/APX-125 (Optional)
Data Link	TACR-16DL
GPS/INS	FALCN
TACAN	AN/ARN-153(V)
RF ECM	None
MAWS	None
SPJ	None
Chaff/Flare	AN/ALE-47 (Optional)

Performance

Max Level Speed @ SL	1.00 Mach
Max Level Speed @ FL400	1.04 Mach
Max Cruise Speed @ SL	0.90 Mach
Max Cruise Speed @ FL350	0.90 Mach
Typical Cruise Speed @ FL350	0.80 Mach
Takeoff Speed; MTOW	140 Ktas
Stall Speed; MTOW	128 Ktas
Approach Speed; TLW	114 Ktas
Stall Speed; TLW	99 Ktas
Max Climb Rate @ SL; MTOW	26,591 ft/min
Max Climb Rate @ SL; MMW	35,679 ft/min
Service Ceiling Exceeds	60,000 ft
1.00 Mach Range, IF	441 nm
0.80 Mach Range, IF	1,343 nm
Air Superiority Radius, IF	371 nm
Ferry Range	2,271 nm
Takeoff Ground Roll, TTW	1,763 ft
Landing Ground Roll, TLW	1,997 ft



STAVATTI AEROSPACE

CAGE CODE: 8GT89 DUNS: 117383324 PSC: 1510

SM-31T SPECIFICATIONS

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SM-31T STILETTO SPECIFICATIONS

Aircraft: SM-31T Stiletto
Unit Flyaway Cost: $23,000,000
Manufacturer: Stavatti Aerospace Ltd
First Flight: 2026-2028

Accommodation

Crew	Two Seat
Seating	MK16 or MK18 Ejection Seats

Powerplant

Number	1
Type	Afterburning Turbofan
Model	E450-NT-125
Manufacturer	NeoThrust™
Afterburning Thrust (lbs)	12,500
Military Thrust (lbs)	10,590
Air Inlets	Bifurcated Pitot Shock
Nozzle	VG Thrust Vectoring

Dimensions

Max Wingspan	24 ft 0 in
Max Length	41 ft 8 in
Max Height	9 ft 0 in
Wing Area	176 sq ft
Wing Aspect Ratio	3.27
Wing LE Sweep	30°

Weights

Empty	8,700 lbs
Max Internal Fuel (JP-8)	4,000 lbs
Typical Takeoff (TTW)	13,750 lbs
Mid-Mission Weight (MMW)	11,750 lbs
Max Take-Off (MTOW)	21,000 lbs

Loadings

Wing Loading-MMW	68.8 lbs/sq ft
Wing Loading-MTOW	119.3 lbs/sq ft
Thrust-to-Weight-MMW	1.06 to 1
Thrust-to-Weight-MTOW	0.59 to 1
Design Load Factor-MTOW	+9.0
Ultimate Load Factor-MTOW	+13.5

Armament

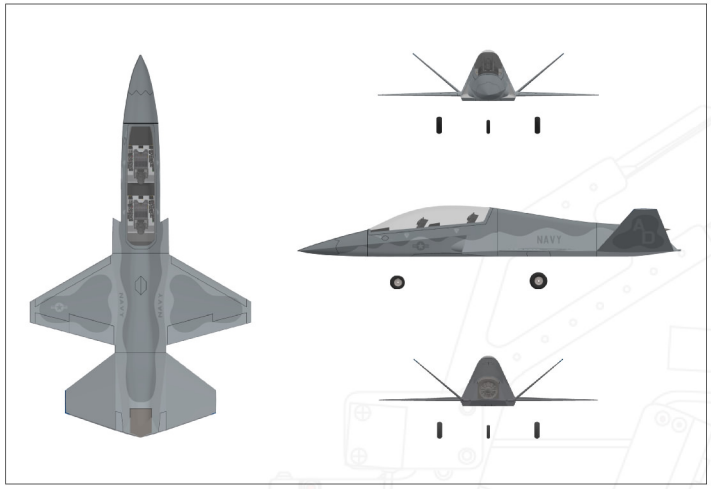
Fixed Internal	1 x 20mm M61A2
Ammunition	500 rds
Stores Stations (Internal & External)	8
Max Warload	7,250 lbs

Avionics & Electronic Warfare

Radar (opt)	(REDACTED) AESA
IRST	EOTS
HUD	CED, HMD or LiteHUD
Comm	AN/ARC-210 Gen V
IFF	AN/APX-125
Data Link	TACR-16DL
GPS/INS	FALCN
TACAN	AN/ARN-153(V)
RF ECM (opt)	AN/ALQ-211A(V)4
MAWS (opt)	AN/AAR-58
SPJ (opt)	AN/ALQ-214(V)4/5
Chaff/Flare	AN/ALE-47

Performance

Max Level Speed @ SL	1.03 Mach
Max Level Speed @ FL400	1.30 Mach
Max Cruise Speed @ SL	0.90 Mach
Max Cruise Speed @ FL350	0.90 Mach
Typical Cruise Speed @ FL350	0.80 Mach
Takeoff Speed; MTOW	182 Ktas
Stall Speed; MTOW	165 Ktas
Approach Speed; TLW	121 Ktas
Stall Speed; TLW	105 Ktas
Max Climb Rate @ SL	40,918 ft/min
Service Ceiling Exceeds	55,000 ft
1.00 Mach Range, IF	391 nm
1.30 Mach Range, IF	198 nm
0.85 Mach Range, IF	1,280 nm
Air Superiority Radius, IF	352 nm
Ferry Range	1,983 nm
Takeoff Ground Roll, TTW	1,301 ft
Landing Ground Roll, TLW	2,224 ft



STAVATTI AEROSPACE

25 MAY 2026

CAGE CODE: 8GT89 DUNS: 117383324 PSC: 1510

SM-31S SPECIFICATIONS

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SM-31S STILETTO SPECIFICATIONS

Aircraft: SM-31S Stiletto
Unit Flyaway Cost: $23,000,000
Manufacturer: Stavatti Aerospace Ltd
First Flight: 2026-2028

Accommodation

Crew	Single Seat
Seating	MK16 or MK18 Ejection Seats

Powerplant

Number	1
Type	Afterburning Turbofan
Model	N450-NT-160
Manufacturer	NeoThrust™
Afterburning Thrust (lbs)	16,000
Military Thrust (lbs)	13,763
Air Inlets	Bifurcated Pitot Shock
Nozzle	VG Thrust Vectoring

Dimensions

Max Wingspan	24 ft 0 in
Max Length	41 ft 8 in
Max Height	9 ft 0 in
Wing Area	176 sq ft
Wing Aspect Ratio	3.27
Wing LE Sweep	30°

Weights

Empty	8,600 lbs
Max Internal Fuel (JP-8)	4,000 lbs
Typical Takeoff (TTW)	13,772 lbs
Mid-Mission Weight (MMW)	11,772 lbs
Max Take-Off (MTOW)	21,000 lbs

Loadings

Wing Loading-MMW	66.9 lbs/sq ft
Wing Loading-MTOW	119.3 lbs/sq ft
Thrust-to-Weight-MMW	1.36 to 1
Thrust-to-Weight-MTOW	0.76 to 1
Design Load Factor-MTOW	+9.0
Ultimate Load Factor-MTOW	+13.5

Armament

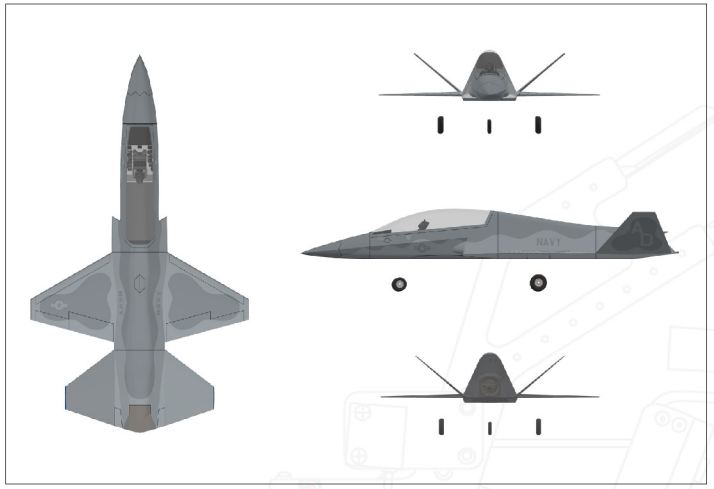
Fixed Internal	1 x 20mm M61A2
Ammunition	500 rds
Stores Stations (Internal & External)	8
Max Warload	7,600 lbs

Avionics & Electronic Warfare

Radar (opt)	(REDACTED) AESA
IRST	EOTS
HUD	CED, HMD or LiteHUD
Comm	AN/ARC-210 Gen V
IFF	AN/APX-125
Data Link	TACR-16DL
GPS/INS	FALCN
TACAN	AN/ARN-153(V)
RF ECM (opt)	AN/ALQ-211A(V)4
MAWS (opt)	AN/AAR-58
SPJ (opt)	AN/ALQ-214(V)4/5
Chaff/Flare	AN/ALE-47

Performance

Max Level Speed @ SL	1.26 Mach
Max Level Speed @ FL400	2.60 Mach
Max Cruise Speed @ SL	0.90 Mach
Max Cruise Speed @ FL350	0.90 Mach
Typical Cruise Speed @ FL350	0.80 Mach
Takeoff Speed; MTOW	163 Ktas
Stall Speed; MTOW	148 Ktas
Approach Speed; TLW	118 Ktas
Stall Speed; TLW	102 Ktas
Max Climb Rate @ SL	92,769 ft/min
Service Ceiling Exceeds	60,000 ft
2.60 Mach Range, IF	316 nm
1.50 Mach Range, IF	357 nm
0.85 Mach Range, IF	1,301 nm
Air Superiority Radius, IF	371 nm
Ferry Range	2,054 nm
Takeoff Ground Roll, TTW	986 ft
Landing Ground Roll, TLW	2,660 ft



STAVATTI AEROSPACE

25 MAY 2026

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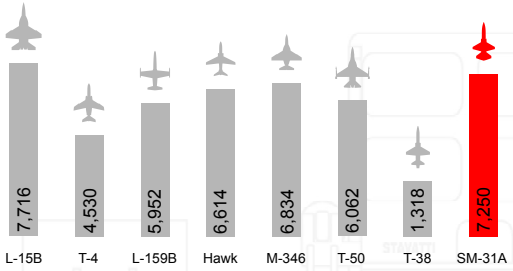
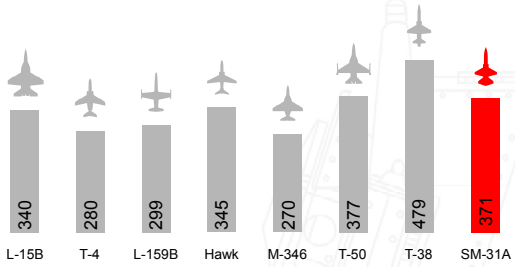
SM-31A COMPARISON

STAVATTI

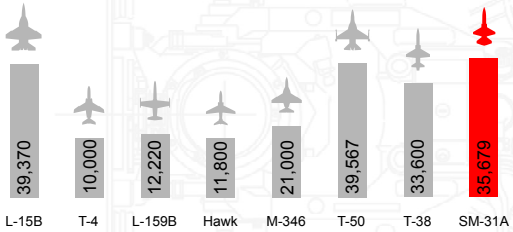
Maximum Warload (lbs)
With Maximum Internal Fuel or As Published



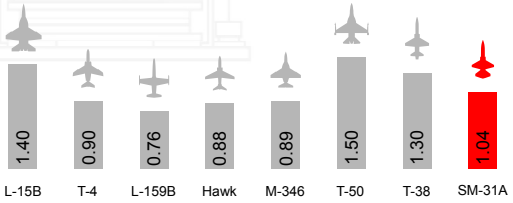
Tactical Radius (nm)
With Maximum Internal Fuel



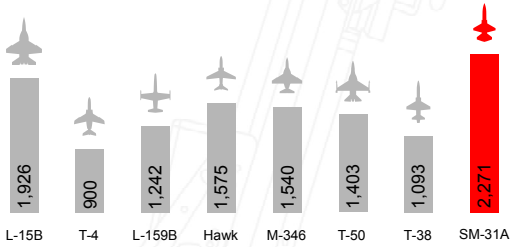
Maximum Climb Rate (ft/min)
Typical Combat Weight @ Sea Level, Standard Day



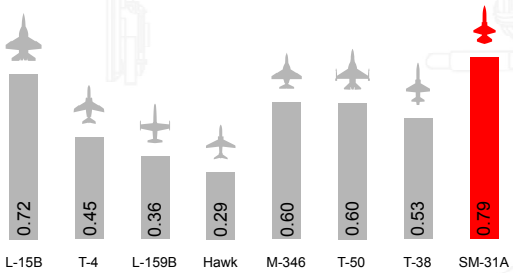
Maximum Level Speed (MACH)
Aircraft in Clean Configuration @ Altitude



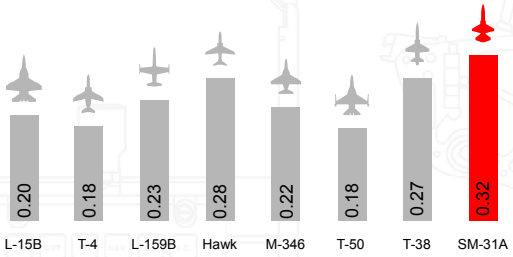
Maximum or Ferry Range (nm)
With Maximum Internal + Maximum External Fuel



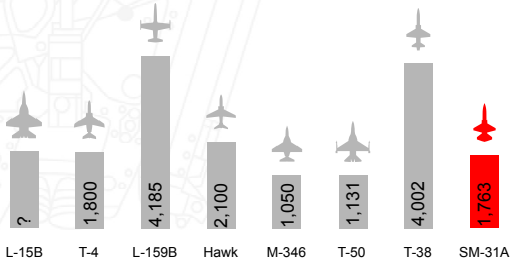
Thrust-to-Weight Ratio
MTOW @ Maximum Power



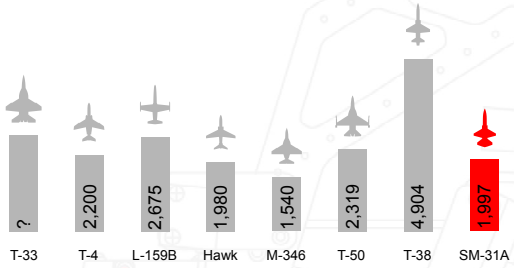
Nautical Miles Per lb Fuel
Nautical Miles per lb of Fuel Consumed



Takeoff Distance (ft)
Ground Roll Distance or As Published



Landing Distance (ft)
Ground Roll Distance or As Published



STAVATTI AEROSPACE

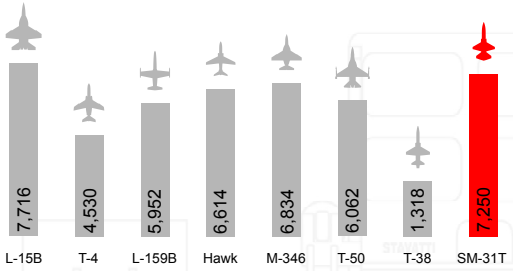
25 MAY 2026

CAGE CODE: 8GT89 DUNS: 117383324 PSC: 1510

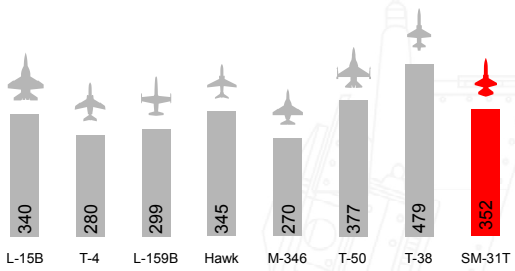
SM-31T COMPARISON

STAVATTI®

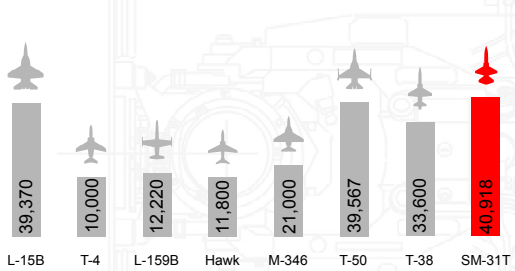
Maximum Warload (lbs)
With Maximum Internal Fuel or As Published



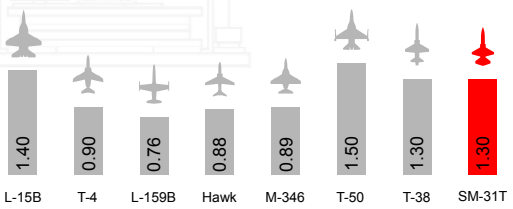
Tactical Radius (nm)
With Maximum Internal Fuel



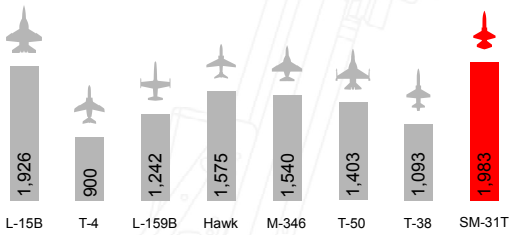
Maximum Climb Rate (ft/min)
Typical Combat Weight @ Sea Level, Standard Day



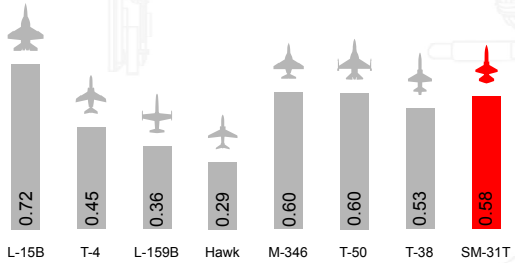
Maximum Level Speed (MACH)
Aircraft in Clean Configuration @ Altitude



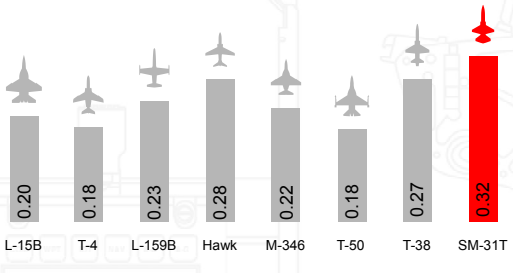
Maximum or Ferry Range (nm)
With Maximum Internal + Maximum External Fuel



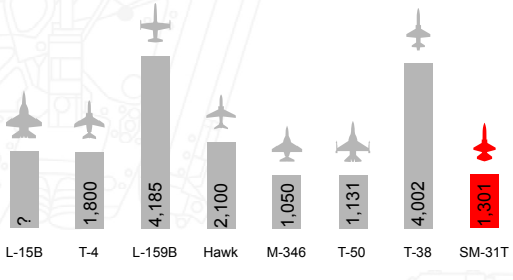
Thrust-to-Weight Ratio
MTOW @ Maximum Power



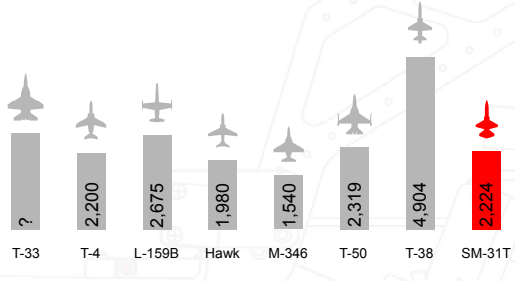
Nautical Miles Per lb Fuel
Nautical Miles per lb of Fuel Consumed



Takeoff Distance (ft)
Ground Roll Distance or As Published



Landing Distance (ft)
Ground Roll Distance or As Published



STAVATTI AEROSPACE

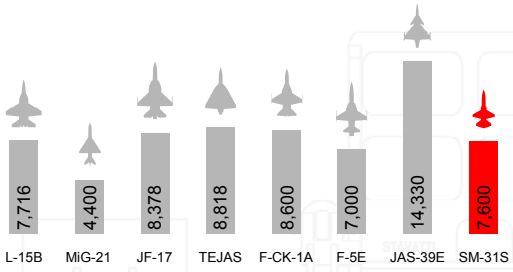
25 MAY 2026

CAGE CODE: 8GT89 DUNS: 117383324 PSC: 1510

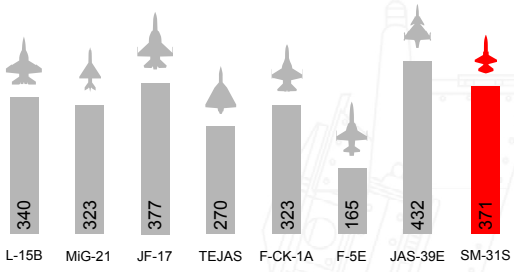
SM-31S COMPARISON

STAVATTI®

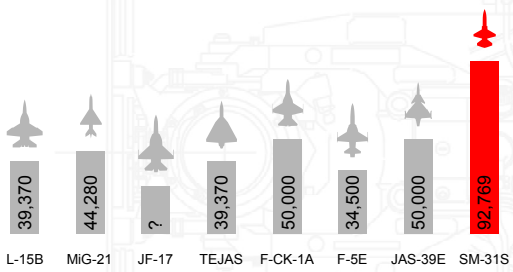
Maximum Warload (lbs)
With Partial Internal Fuel



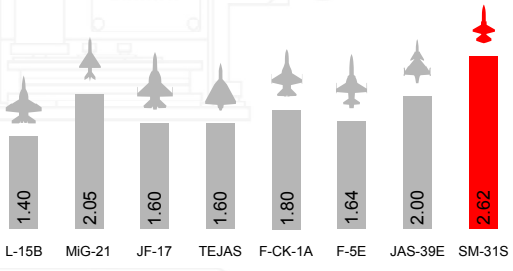
Tactical Radius (nm)
With Maximum Internal Fuel or As Published



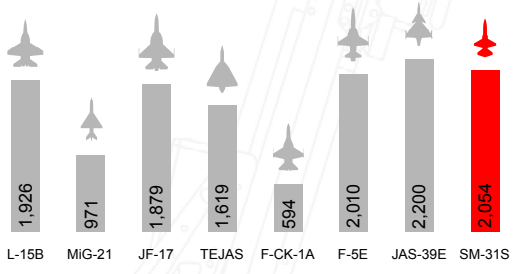
Maximum Climb Rate (ft/min)
Typical Combat Weight @ Sea Level, Standard Day



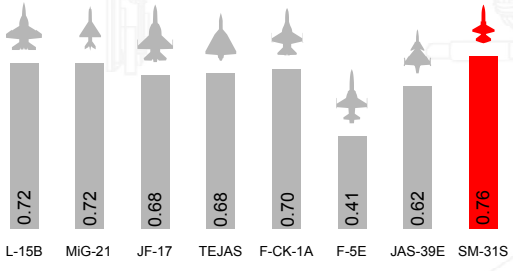
Maximum Level Speed (MACH)
Aircraft in Clean Configuration @ Altitude



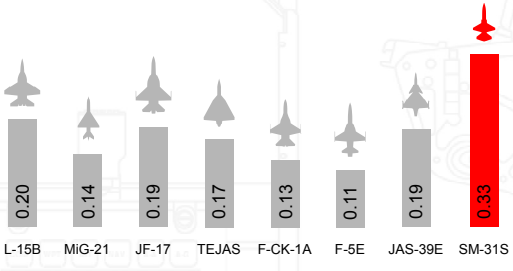
Maximum or Ferry Range (nm)
With Maximum Internal + Maximum External Fuel



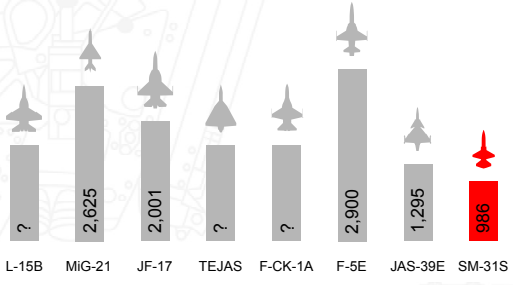
Thrust-to-Weight Ratio
MTOW @ Maximum Power



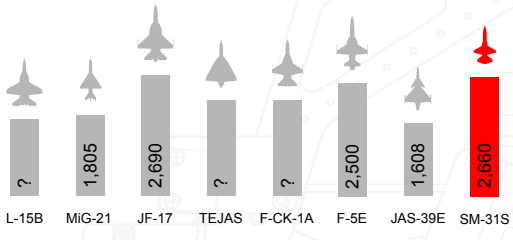
Nautical Miles Per lb Fuel
Nautical Miles per lb of Fuel Consumed



Takeoff Distance (ft)
Ground Roll Distance or As Published



Landing Distance (ft)
Ground Roll Distance or As Published



STAVATTI AEROSPACE

CAGE CODE: 8GT89 DUNS: 117383324 PSC: 1510

SM-31U STILETTO

STAVATTI

The SM-31U Stiletto is an unpiloted/autonomous variant of the SM-31 designed to serve as an Unpiloted Combat Aircraft (UCA), Loyal Wingman (LW) and Next Generation Aerial Target (NGAT). A low observable, single engine, supersonic drone, the SM-31U features an enlarged internal weapons bay to carry up to 6 AIM-9X missiles.

SM-31U Stiletto
Afterburning Turbofan
Unpiloted Combat Aircraft

1.3+ Mach
7,250 lb Warload
1,280+ nm Range

$18 Million Unit Flyaway Cost

Cost Per Flight Hour (CPFH): $1,834

STAVATTI AEROSPACE

CAGE CODE: 8GT89 DUNS: 117383324 PSC: 1510

SM-31U STILETTO

STAVATTI

SM-31U STILETTO SPECIFICATIONS

Aircraft: SM-31U Unpiloted Combat Aircraft (UCA)
Unit Flyaway Cost: $18,000,000

Manufacturer: Stavatti Aerospace Ltd
First Flight: 2027-2028

Unpiloted Architecture

Remote	Securely Remotely Piloted
Autonomy	Stavatti Artificial Intelligence (AI)

Powerplant

Number	1
Type	Afterburning Turbofan
Model	E450-NT-125
Manufacturer	NeoThrust™
Afterburning Thrust (lbs)	12,500
Military Thrust (lbs)	10,590
Air Inlets	Bifurcated Pitot Shock
Nozzle	VG Thrust Vectoring

Dimensions

Max Wingspan	24 ft 0 in
Max Length	41 ft 8 in
Max Height	9 ft 0 in
Wing Area	176 sq ft
Wing Aspect Ratio	3.27
Wing LE Sweep	30°

Weights

Empty	8,700 lbs
Max Internal Fuel (JP-8)	4,000 lbs
Typical Takeoff (TTW)	13,750 lbs
Mid-Mission Weight (MMW)	11,750 lbs
Max Take-Off (MTOW)	21,000 lbs

Loadings

Wing Loading-MMW	68.8 lbs/sq ft
Wing Loading-MTOW	119.3 lbs/sq ft
Thrust-to-Weight-MMW	1.01 to 1
Thrust-to-Weight-MTOW	0.58 to 1
Design Load Factor-MTOW	+9.0
Ultimate Load Factor-MTOW	+13.5

Armament

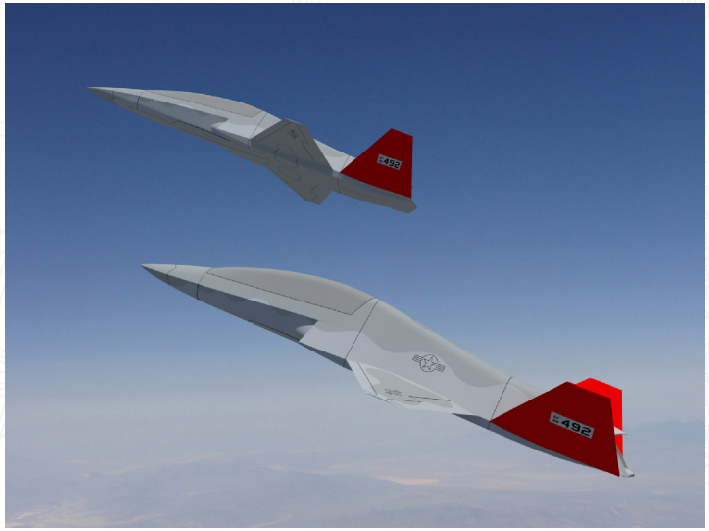
Fixed Internal	1 x 20mm M61A2
Ammunition	500 rds
Stores Stations (Internal & External)	8
Max Warload	7,250 lbs

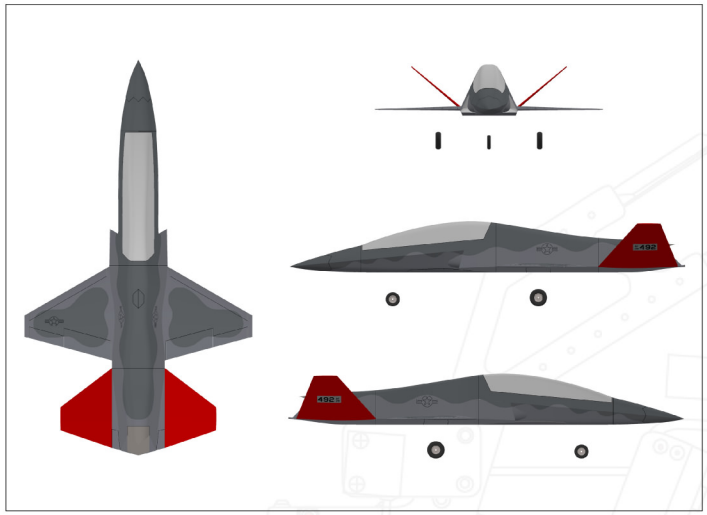
Avionics & Electronic Warfare

Radar (opt)	(REDACTED) AESA
IRST	EOTS
HUD	Not Applicable
Comm	AN/ARC-210 Gen V
IFF	AN/APX-125
Data Link	TACR-16DL
GPS/INS	FALCN
TACAN	AN/ARN-153(V)
RF ECM (opt)	AN/ALQ-211A(V)4
MAWS (opt)	AN/AAR-58
SPJ (opt)	AN/ALQ-214(V)4/5
Chaff/Flare	AN/ALE-47

Performance

Max Level Speed @ SL	1.03 Mach
Max Level Speed @ FL400	1.30 Mach
Max Cruise Speed @ SL	0.90 Mach
Max Cruise Speed @ FL350	0.90 Mach
Typical Cruise Speed @ FL350	0.80 Mach
Takeoff Speed; MTOW	182 Ktas
Stall Speed; MTOW	165 Ktas
Approach Speed; TLW	121 Ktas
Stall Speed; TLW	105 Ktas
Max Climb Rate @ SL	40,918 ft/min
Service Ceiling Exceeds	55,000 ft
1.00 Mach Range, IF	391 nm
1.30 Mach Range, IF	198 nm
0.85 Mach Range, IF	1,280 nm
Air Superiority Radius, IF	352 nm
Ferry Range	1,983 nm
Takeoff Ground Roll, TTW	1,301 ft
Landing Ground Roll, TLW	2,224 ft





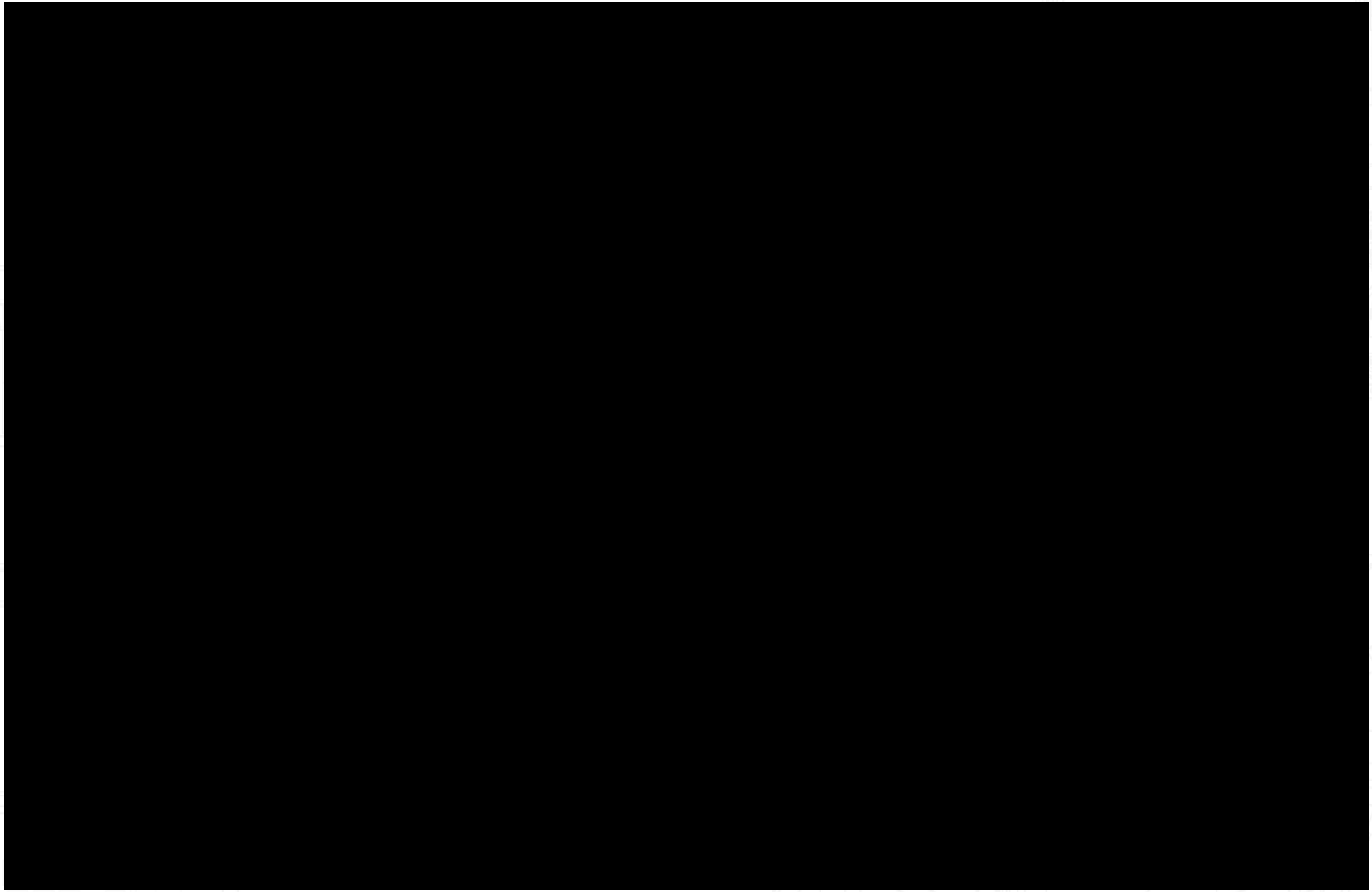
STAVATTI AEROSPACE

25 MAY 2026

CAGE CODE: 8GT89 DUNS: 117383324 PSC: 1510

PROJECTED MARKET

STAVATTI



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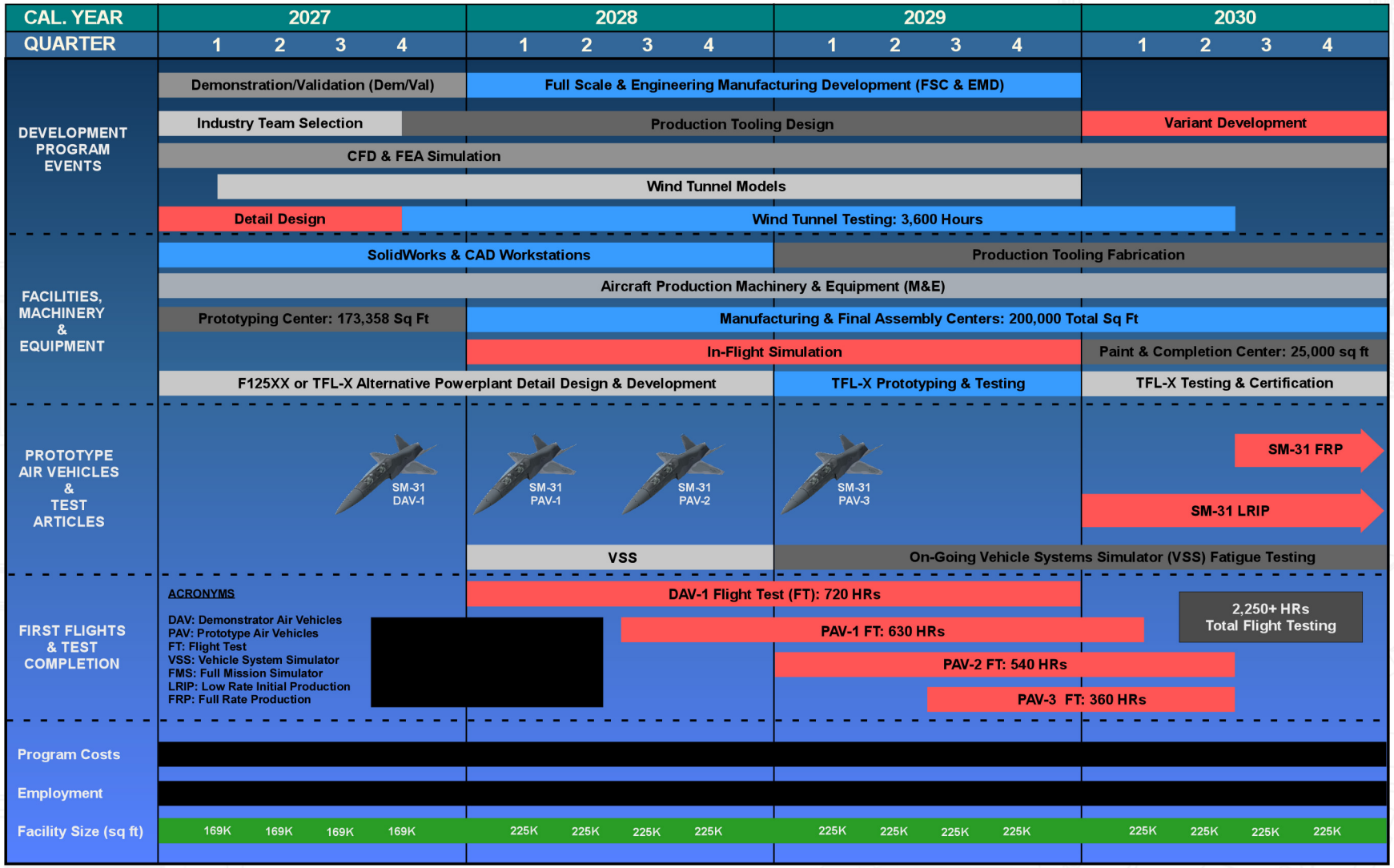
SM-31 DEVELOPMENT

STAVATTI®



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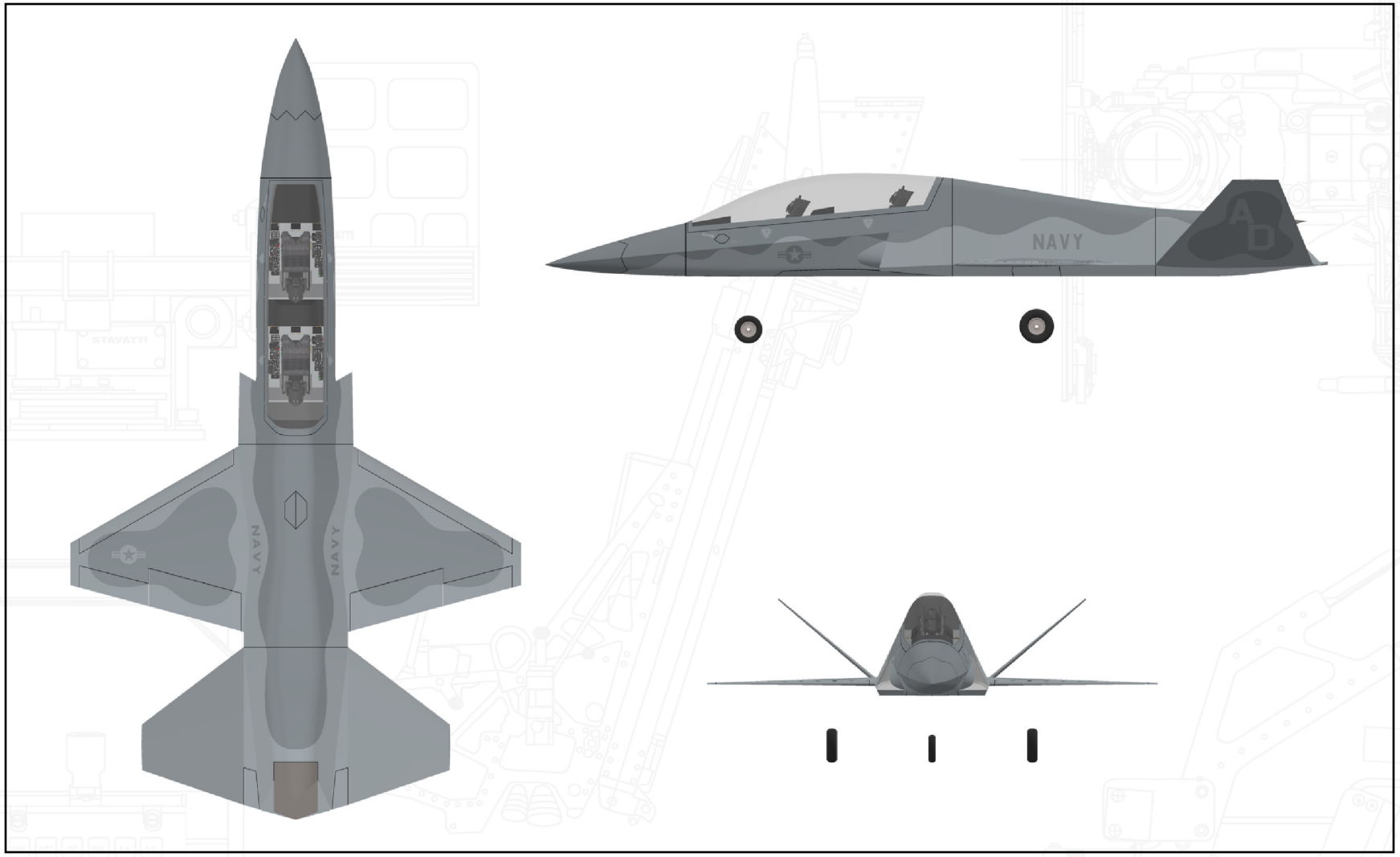
SM-31T ARRANGEMENT

STAVATTI



STAVATTI AEROSPACE

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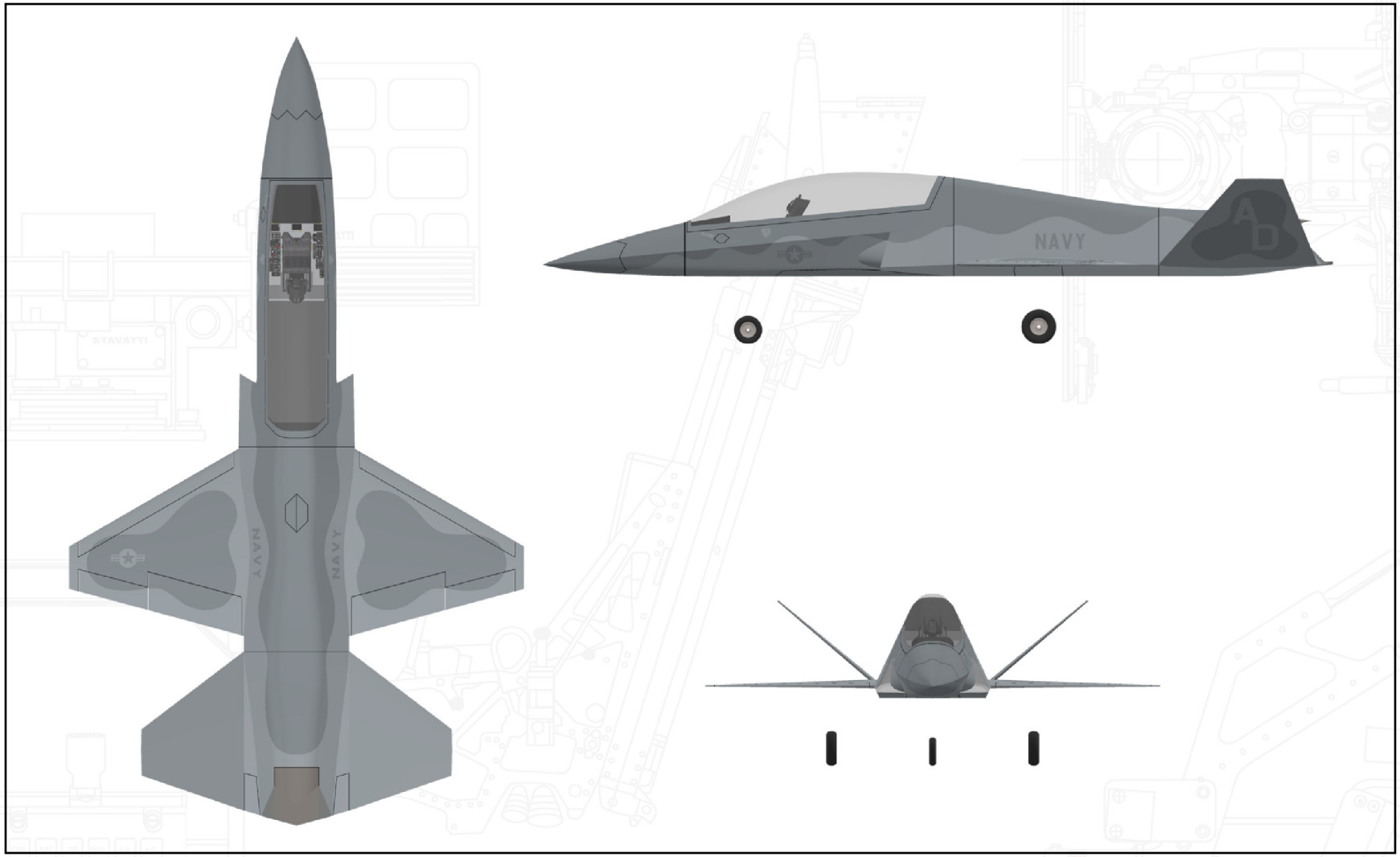
SM-31S ARRANGEMENT

STAVATTI



STAVATTI AEROSPACE

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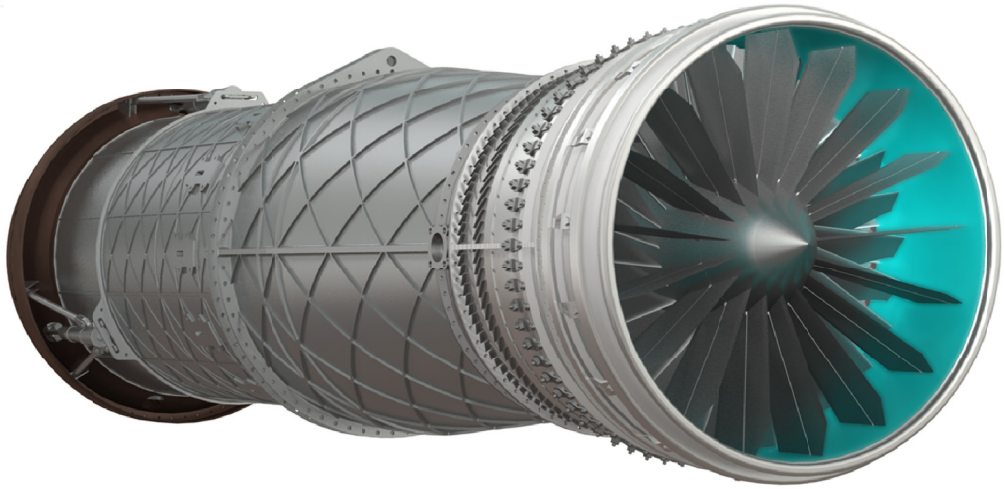
E450 POWERPLANT

STAVATTI

The SM-31 may powered by the E450 family of afterburning turbofans. The E450 is a new powerplant now under development by Stavatti's NeoThrust™ engine division. The E450 is a two shaft, low bypass ratio afterburning turbofan. Produced in multiple variants, the SM-31T will be powered by an E450-NT-125 producing 12,500 lbs of thrust while the SM-31S will benefit from the more powerful E450-NT-160 delivering over 16,000 lbs st with full afterburner.



The E450 family will offer an estimated specific fuel consumption of 0.75 lb/lbf-hr at military thrust and 1.9 lb/lbf-hr with maximum afterburning.

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The SM-31A may be powered by the [redacted] family of afterburning turbofans. The [redacted] is a two shaft, low bypass ratio afterburning turbofan. Developed by [redacted] to power the [redacted], the [redacted] was fully qualified in September 1991. The SM-31A can benefit from the proven [redacted] producing [redacted] lbs maximum thrust with afterburning and [redacted] lbs of thrust at military power.

The [redacted] offers a typical specific fuel consumption of 0.[redacted] lb/lbf-hr at military thrust and [redacted] lb/lbf-hr with maximum afterburning.

CAGE CODE: 8GT89 DUNS: 117383324 PSC: 1510

The SM-31 may be equipped with the [redacted] compact AESA radar. The [redacted] is a next generation lightweight X-band radar with digital beam forming and steering, multimode functionality and interleaved air-to-air and air-to-ground targeting.

An air cooled radar, the [redacted] benefits from a Gallium Nitride-powered array and the compact high-reliability integrated receiver/exciter processor (CHIRP).

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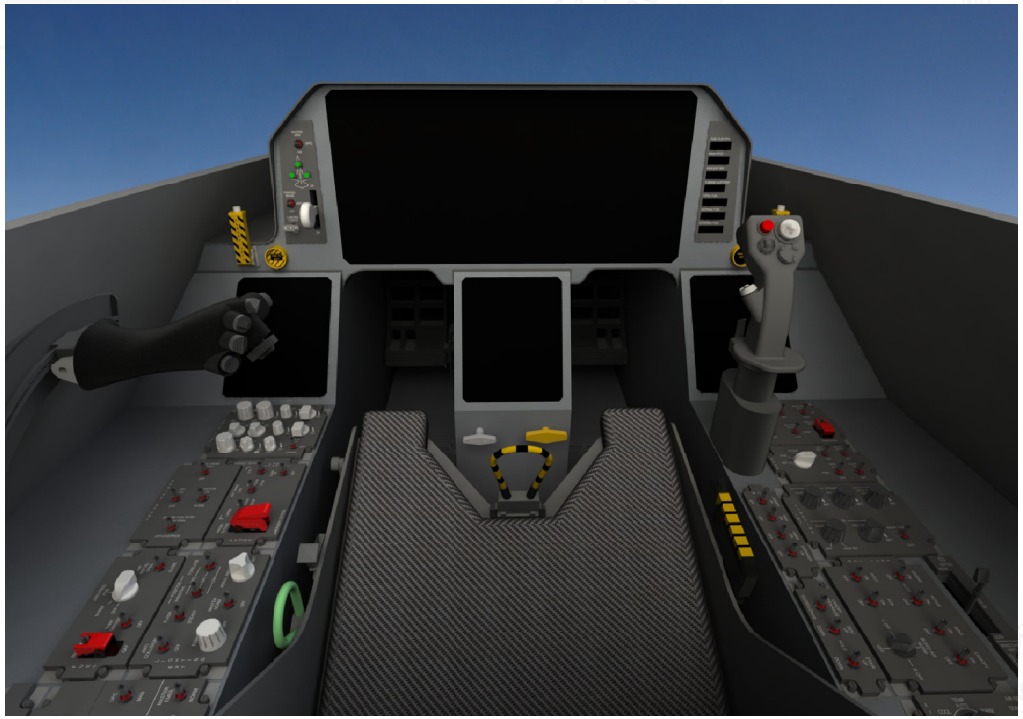
SM-31 COCKPIT

STAVATTI

The SM-31 cockpit will include single seat (SM-31S) and two seat tandem (SM-31T) variants. The cockpits will feature new design Stavatti display systems including a Large Area Avionics Display (LAAD), a Canopy Embedded Display (CED) as well as software driven communications, navigation and IFF/Interrogator. Flight controls will include an F-16 style side-stick and throttle HOTAS flight controls with an integrated four channel digital Power-By-Wire (PBW) flight control system.



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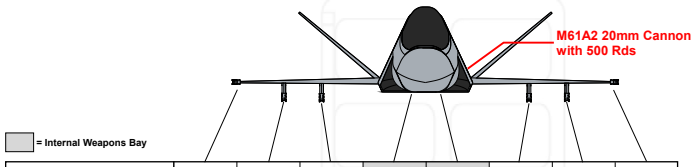
SM-31 WARLOAD

STAVATTI

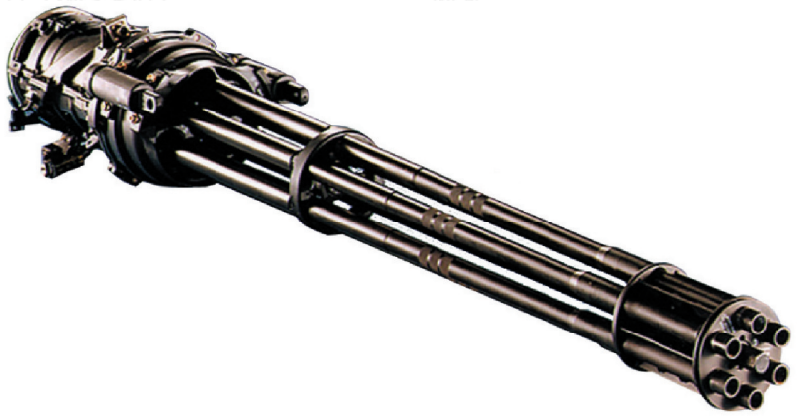
SM-31S/T STILETTO WARLOAD & STORES STATIONS



STATION NUMBER	1	2	3	4	5	6	7	8
AIM-9 Sidewinder	✕	✕	✕	✕	✕	✕	✕	✕
AIM-120 AMRAAM		✕	✕			✕	✕	
AGM-65 Maverick		✕	✕			✕	✕	
GBU-39/B SDB		✕	✕	✕	✕	✕	✕	
GBU-38 JDAM/Mk.82			✕	✕	✕	✕		
GBU-32 JDAM/MK.83			✕			✕		
GBU-31 JDAM/Mk.84			✕			✕		
GBU-12 PAVEWAY II		✕	✕			✕	✕	
CBU-97/105 SFW			✕			✕		
CBU-99/100 SFW		✕	✕	✕	✕	✕	✕	
AGM-84E SLAM			✕			✕		
AGM-88C HARM			✕			✕		
AGM-154 JSOW			✕			✕		
LAU-61C Rocket Pod		●	●			●	●	
LAU-10C Rocket Pod		●	●			●	●	
LAU-68 Rocket Pod		●	●			●	●	
AN/APX-95 TACTS	●	●	●			●	●	●
150 USG External Tank			✕			✕		
Rated Load @ 9.0-g	250 lbs	750 lbs	2,250 lbs	550 lbs	550 lbs	2,250 lbs	750 lbs	250 lbs

The SM-31 Stiletto has both fixed internal and expendable, internally and externally carried weapons, ordnance and stores. The SM-31 has one internal weapons bay and up to six external hardpoints.

The SM-31S can carry a total of 7,600 lbs of external and/or internal stores.



SM-31 fixed internal armament includes one fuselage mounted M61A2 20mm Vulcan cannon with 500 rds of ammunition.

STAVATTI AEROSPACE

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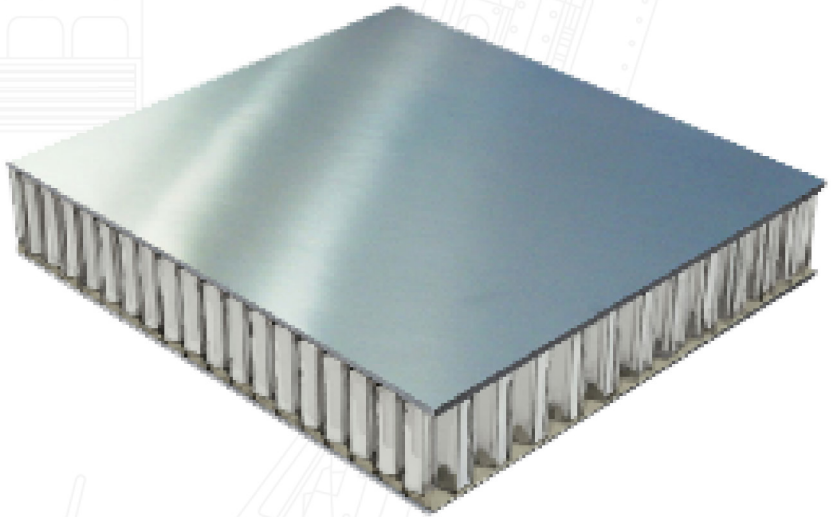
SM-31 STRUCTURE

STAVATTI

The Stiletto will be an all-metal aircraft featuring semi-monocoque construction. Benefiting from aluminum honeycomb sandwich fuselage skins and full depth honeycomb sandwich wings and empennage, the Stiletto structure results in an aircraft that is lighter, lower in cost and easier to maintain than competitor aircraft.



The Stiletto fuselage has external metal honeycomb sandwich skins that are supported by an internal structure of titanium and aluminum lithium frames and bulkheads. The wing benefits from a full depth aluminum lithium honeycomb core with main spars, ribs and titanium plate skins. The V-tail has a full depth aluminum-lithium honeycomb sandwich structure with aluminum-lithium skins, spars and ribs.

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FUEL QUANTITIES

STAVATTI

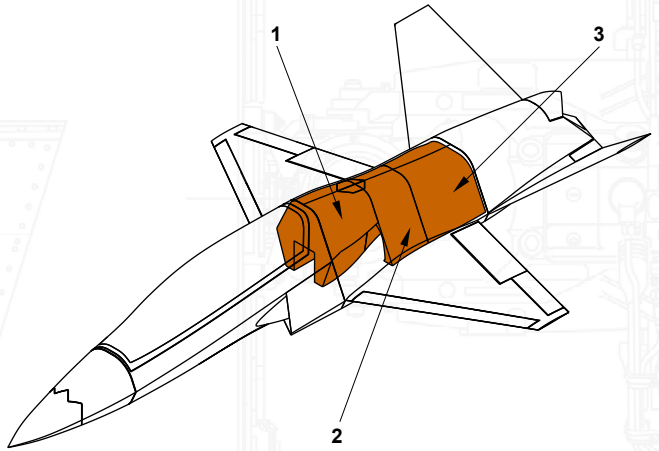
INTERNAL FUEL TANKS		USABLE FUEL		
TANK #	TANK LOCATION	US GALLONS	JP-4 POUNDS	JP-8 POUNDS
1	Fuselage: 272001-T	263	1,707	1,760
2	Fuselage: 272002-T	146	952	981
3	Fuselage: 272003-T	189	1,226	1,263
TOTAL INTERNAL FUEL		**598**	**3,885**	**4,004**

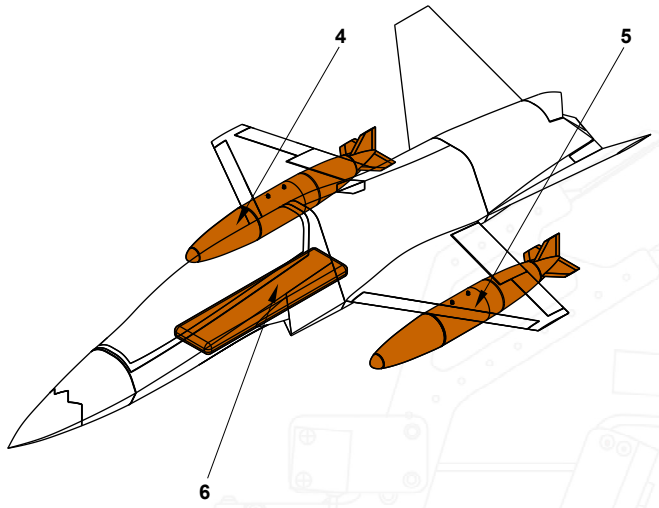
EXPENDABLE/EXTERNAL TANKS		USABLE FUEL		
TANK #	TANK LOCATION	US GALLONS	JP-4 POUNDS	JP-8 POUNDS
4	Right External: 401315	150	975	1,005
5	Right External: 401315	150	975	1,005
6	Weapons Bay: 42115	115	746	769
TOTAL EXPENDABLE/EXTERNAL		**415**	**2,696**	**2,779**

AIRCRAFT FUEL: INTERNAL + 42115	**713**	**4,631**	**4,773**

MAXIMUM AIRCRAFT FUEL: All TANKS	**1,013**	**6,581**	**6,783**

NOTES:
1) Fuel weights are based on JP-8 at 6.7 lbs/gal and an atmospheric temperature of 59°F.
2) Fuel quantities, in pounds, ar rounded to the nearest pound.





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SM-31 ECM/EW

The SM-31 may be equipped with comprehensive Electronic Countermeasures (ECM) and Electronic Warfare Systems to protect the aircraft from surface-to-air and air-to-air missiles in the high threat environment. Key ECM/EW systems may include:

- **AN/ALQ-211A(V)4 Countermeasures Warning and Control Set**
- **AN/ALQ-214(V)4/5 Electronic Countermeasures Onboard Jammer**
- **AN/AAR-58 Missile Approach Warning System (MAWS)**
- **AN/ALE-47 Dispensers**
- **AN/ALE-50 Towed Decoy**

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The SM-31 may be equipped with a cost plus optional [redacted] EOTS (Electro Optical Targeting System) mounted within a low drag, low observable window. The EOTS is a lightweight multi-functional FLIR and IRST that provides both Air-to-Air and Air-to-Surface targeting capability.

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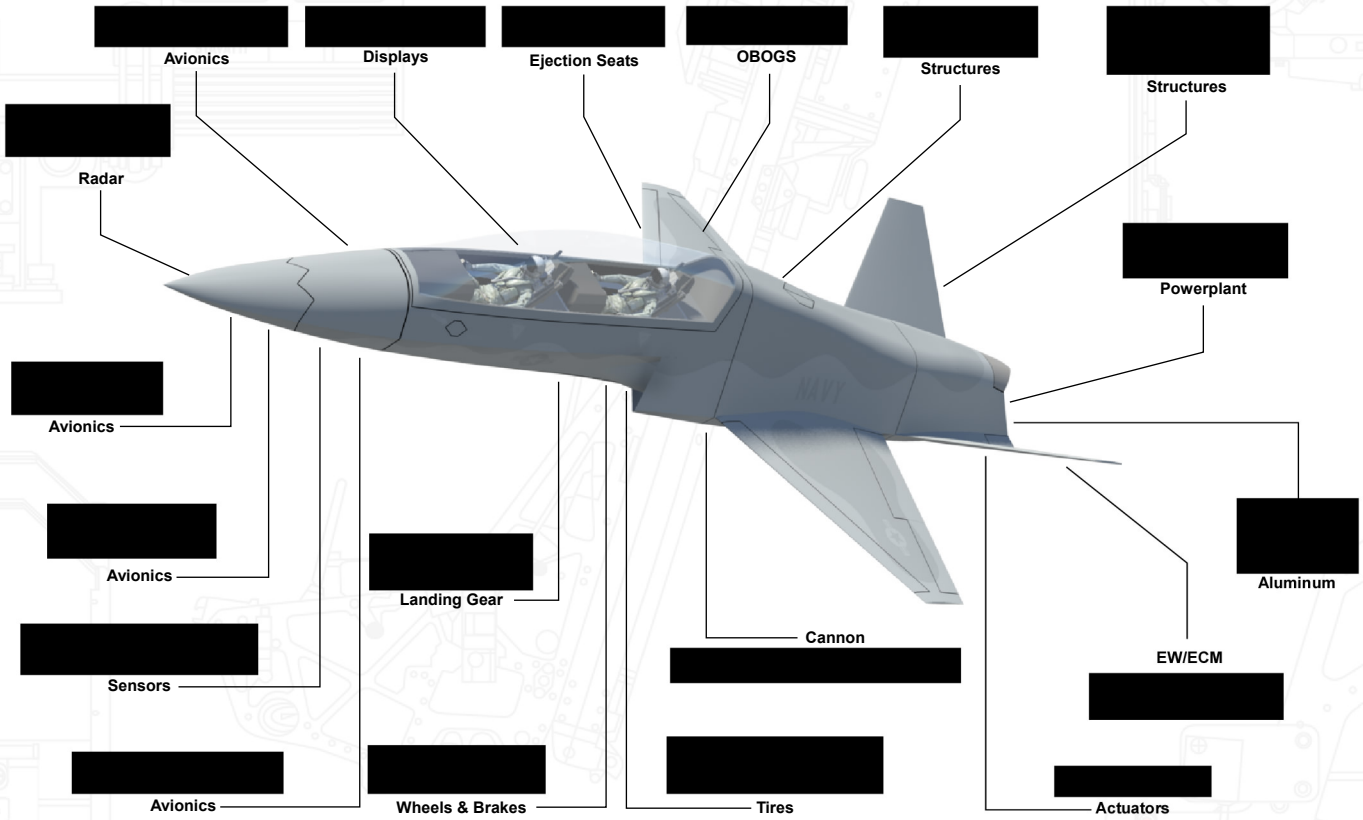
INDUSTRY TEAM

STAVATTI

The SM-31 Stiletto will integrate proven systems including powerplants, avionics, sensors, ECM/EW and airframe structures provided by an established industry team of first, second and third tier suppliers...



STAVATTI AEROSPACE

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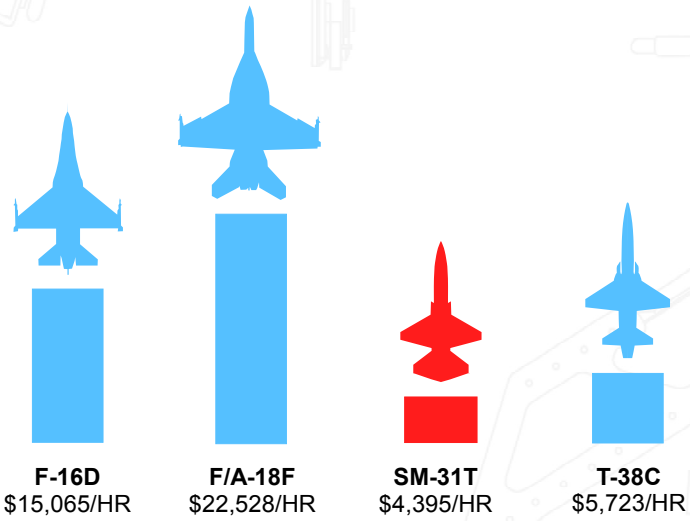
SM-31T CPFH

STAVATTI

The SM-31T will have a Cost Per Flight Hour (CPFH) of approximately $4,396 while the CPFH for the SM-31S will be approximately $3,328. The CPFH for the SM-31A will be approximately $4,141. The SM-31T CPFH will typically be 23% less than that of a T-38C or 71% less than the CPFH of an F-16D. The SM-31T will be one of the most efficient supersonic trainers and light fighters to enter operational service.

SM-31T Cost Per Flight Hour (CPFH)

COST ELEMENT	COST
Fuel	$
Aircrew	$
Direct Maintenance Personnel	$
Consumable Materials	$
Indirect Support Materials	$
Spares	$
Depot	$
TOTAL CPFH	**$4,396**



Cost Per Flight Hour Values are For Relative Efficiency Comparison Only and May Not Be Representative of Specific Operational CPFH
Non-Stavatti CPFH from FMS User Rates: DoD FY 2024 Reimbursable Rates Fixed Wing

CAGE CODE: 8GT89 DUNS: 117383324 PSC: 1510

ABOUT STAVATTI

STAVATTI

Stavatti Aerospace Ltd is a new aircraft manufacturer focused upon the design, production and support of next generation military and civil aircraft.

SM-27 Machete
Close Air Support

SM-28 Machete
Close Air Support

SM-31 Stiletto
Trainer & Light Fighter

SM-920
Commercial Airliner

SM-47 Super Machete
Air Defense Fighter

SM-100
STOL Intermodal Transport

SM-36 Stalma
Multi-Role Fighter

SM-39 Razor
Air Dominance Fighter

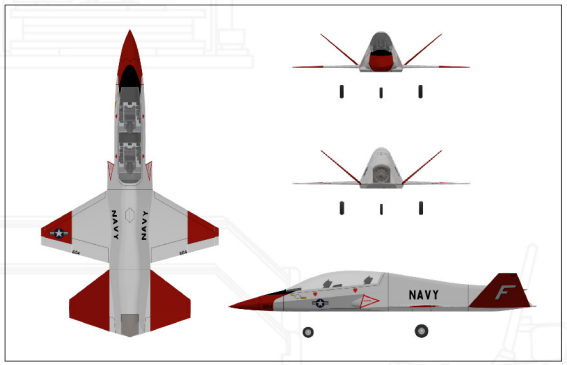
STAVATTI AEROSPACE

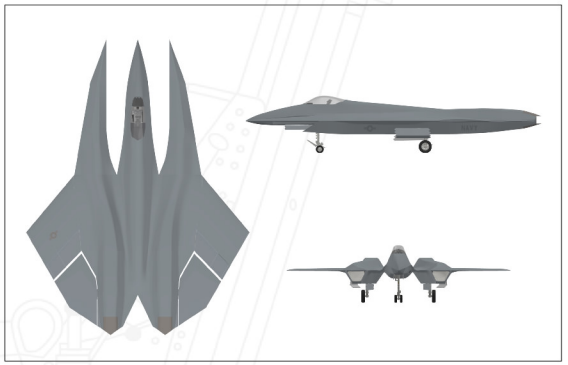
CAGE CODE: 8GT89 DUNS: 117383324 PSC: 1510

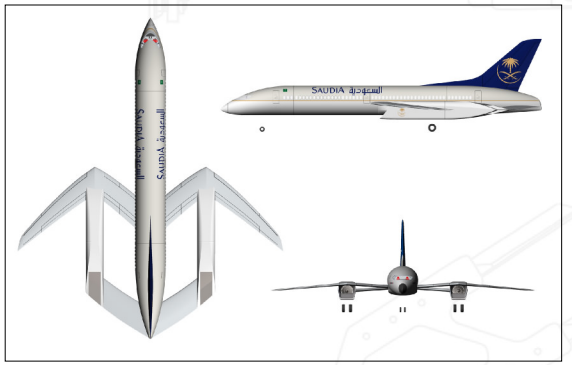
STRATEGIC FOCUS

STAVATTI

- **Stavatti's Strategic Focus Rests with Three Primary Programs...**







SM-31 Stiletto
$23 Million Flyaway
1,500 Worldwide Sales
$34.5 Billion Revenue

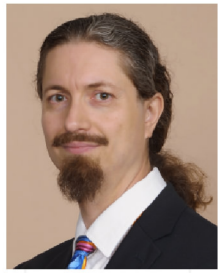
SM-39 Razor
$85 Million Flyaway
1,800 Worldwide Sales
$153 Billion Revenue

SM-920 Airliner
$100 Million Flyaway
10,000 Worldwide Sales
$1 Trillion Revenue

CAGE CODE: 8GT89 DUNS: 117383324 PSC: 1510

LEADERSHIP TEAM

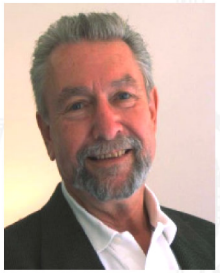
STAVATTI



Chris Beskar
President & CEO

Bill McEwen
COO

Richard E. Guild
Director of
Military Aerospace



John R. Simon
CEO Niagara & Director

Jeffrey A. Gongoll
Secretary & Director

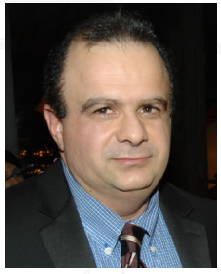
David Wilcock
Director

Robert C. Sugarman
Chief Scientist
& Director

Wendell Maddox
Senior VP

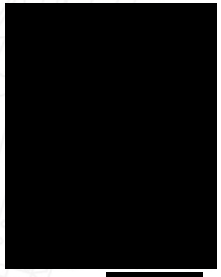
Norm Edwards
Director of Finance

Carl Hunking
CEO International



Methodios Vallidis
Director

John Lu
VP of Business
Asia



Michael [redacted]
Director of
Next Gen Aerospace

Stuart E. Cart
Chief Innovation
Officer

Dimitriy Giebeler
Executive VP

CAGE CODE: 8GT89 DUNS: 117383324 PSC: 1510

SITES & FACILITIES

STAVATTI

- **Stavatti Corporation (“Stavatti”) was founded in Eagan, Minnesota on 20 July 1994.**

- **Stavatti Aerospace Ltd was organized as a Wyoming C corporation on 11 December 2019.**

- **Stavatti acquired the former USARC facility (SNAPPER) at the Niagara Falls International Airport (KIAG) on 30 October 2020. Totalling 180,113 sq ft on 19.52 acres, this facility now serves as Stavatti headquarters, prototype development and aircraft upgrade center.**

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2M PLANT

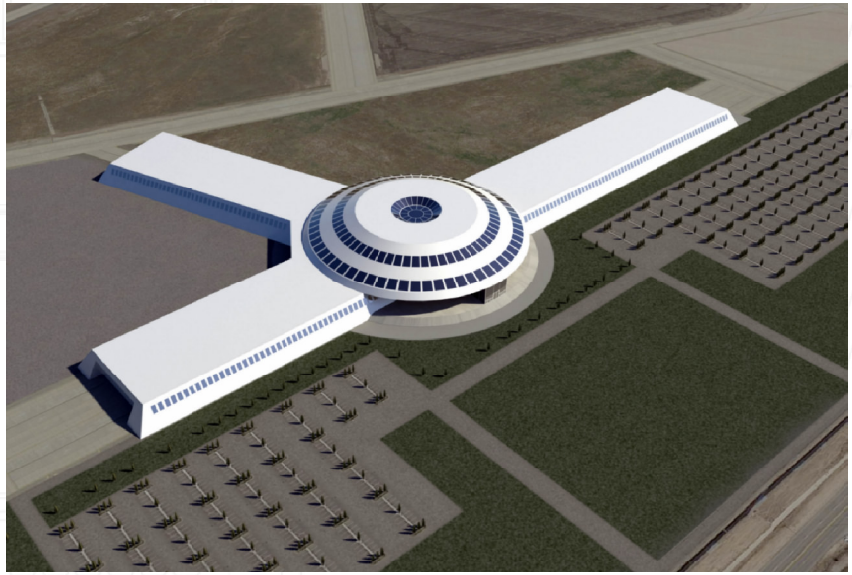
STAVATTI

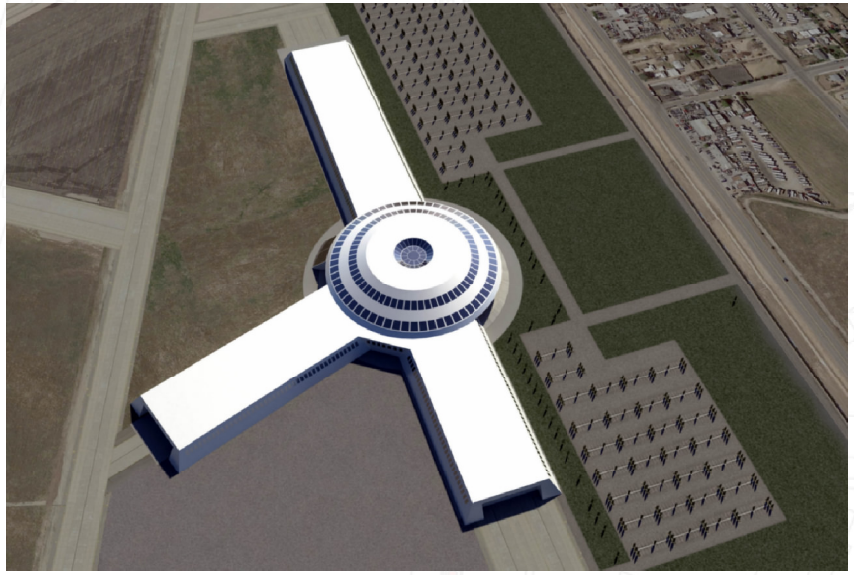
- **Stavatti's 2M Plant will provide over 2 Million sq ft of combined office and aircraft manufacturing and assembly floor.**

- **The 2M Plant is designed to manufacture 5 or more Stavatti aircraft models simultaneously under one roof including the iconic SM-920 Commercial Airliner.**

- **The 2M Plant will employ 15,000 or more qualified, skilled aerospace workers.**

- **Ground-Breaking on the iconic 2M Plant is planned for 2027-2029.**





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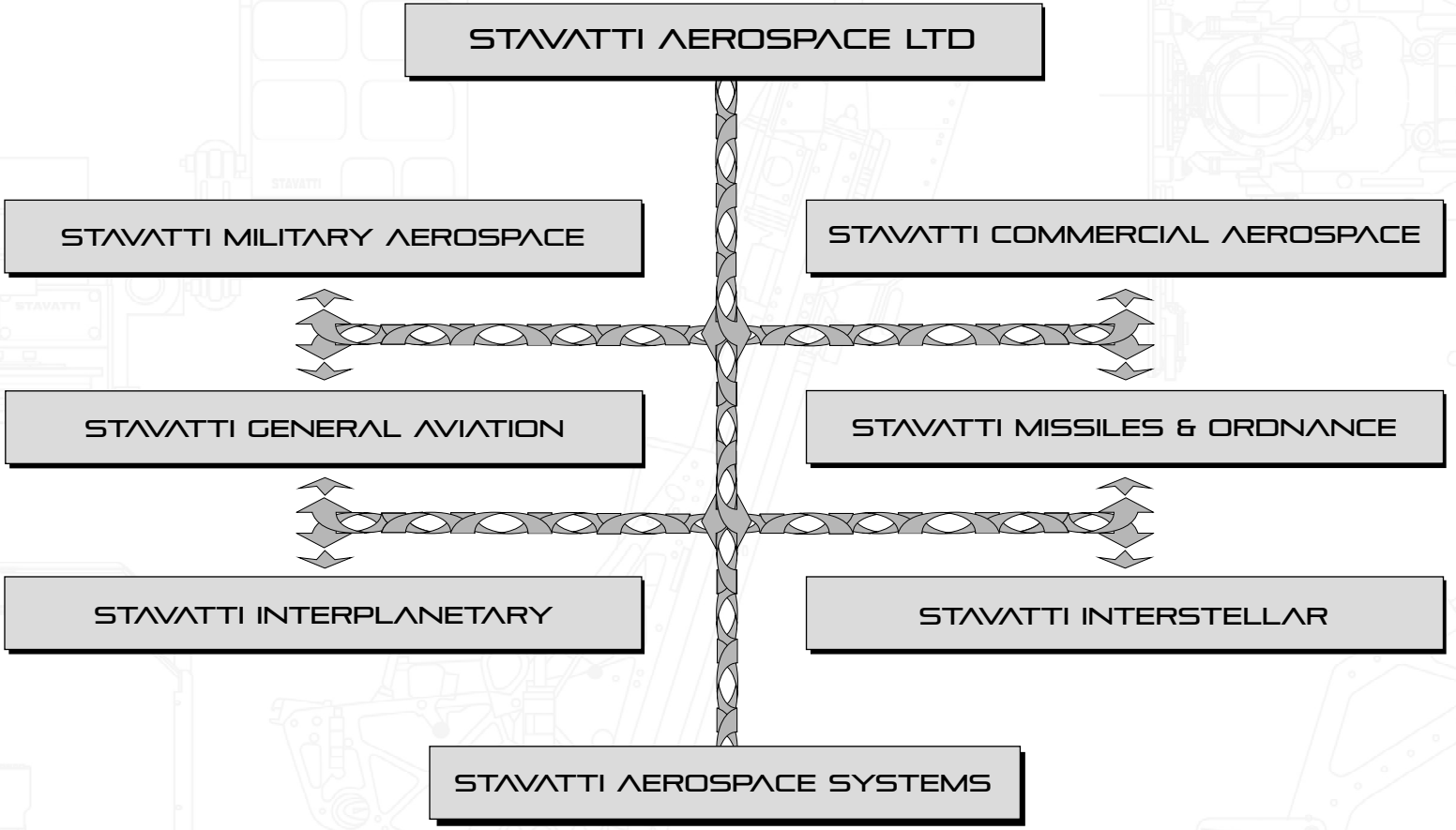

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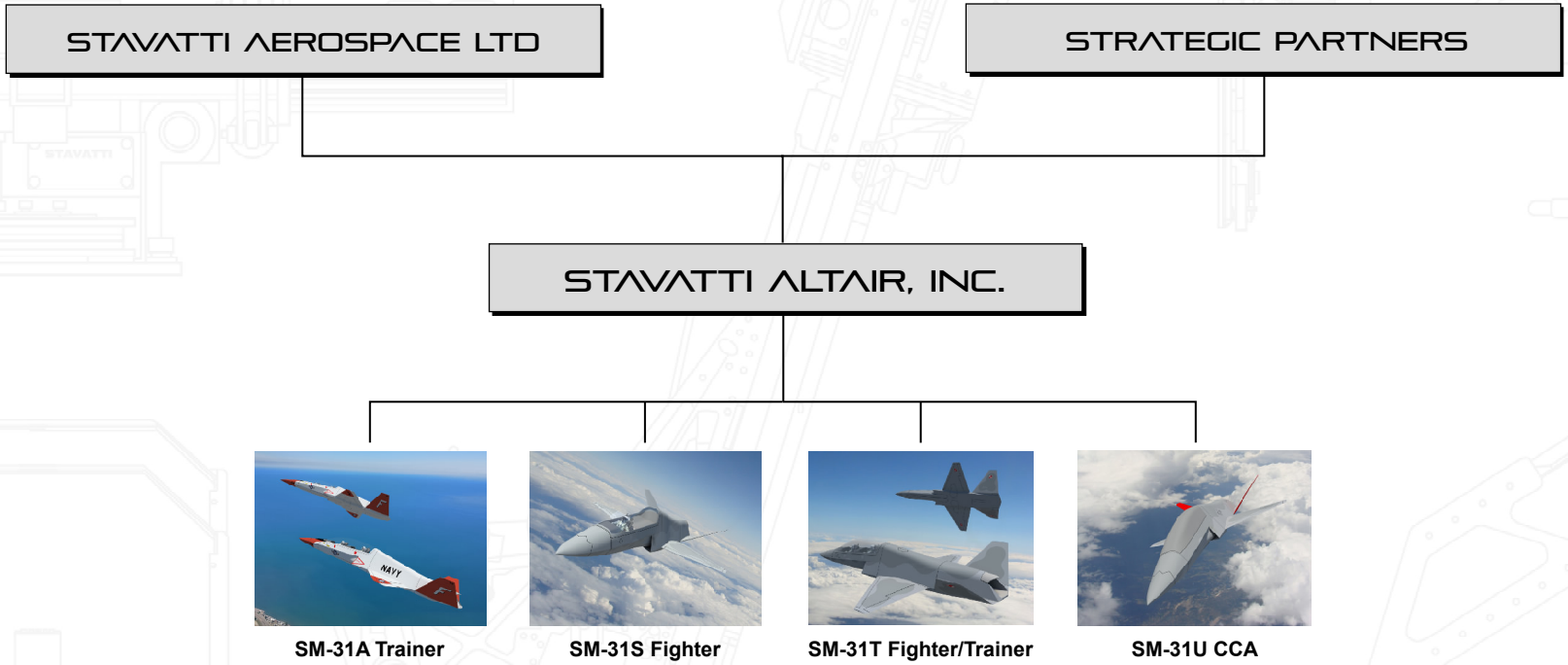
The SM-31 Stiletto may be produced by Stavatti Altair, Inc.: a new stand-alone joint venture company owned by Stavatti Aerospace Ltd and Strategic Partners. Stavatti Altair Inc. will be responsible for the development and production of the SM-31 Family of Aircraft under license by Stavatti Aerospace Ltd.



* Stavatti Altair, Inc is the name for the Stavatti SM-31 Development and Production focused Joint Venture Company/Special Purpose Vehicle (JVC/SPV)

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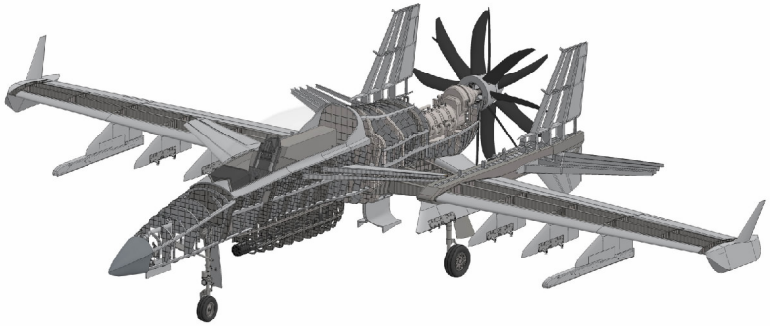
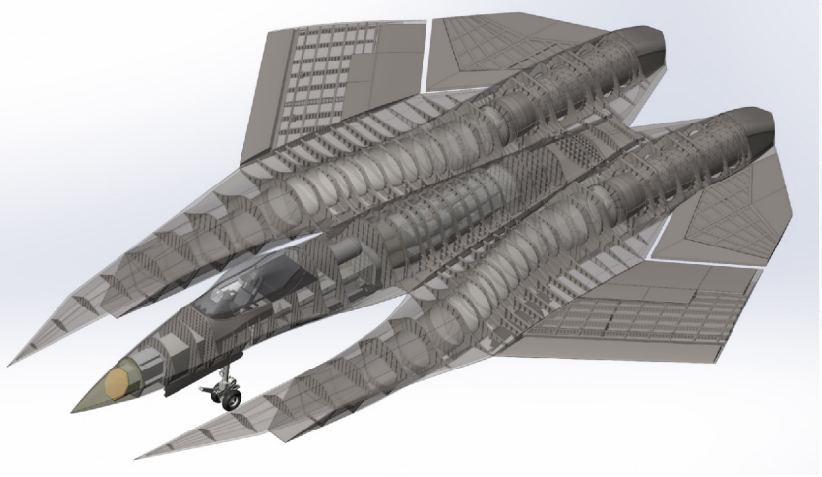
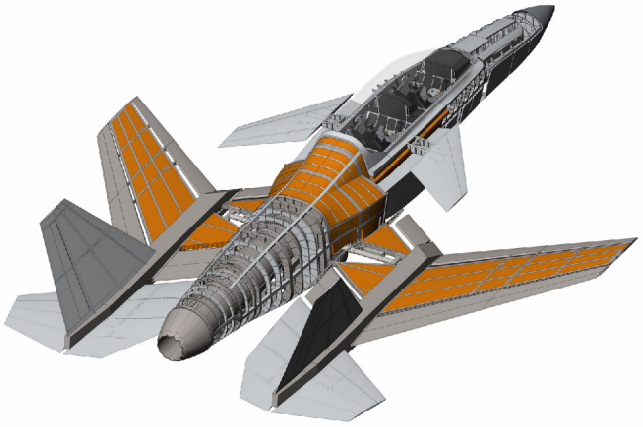
Stavatti conducts all engineering and design in-house using PLM CAD tools including SolidWorks Premium and CATIA







SOLIDWORKS

CATIA

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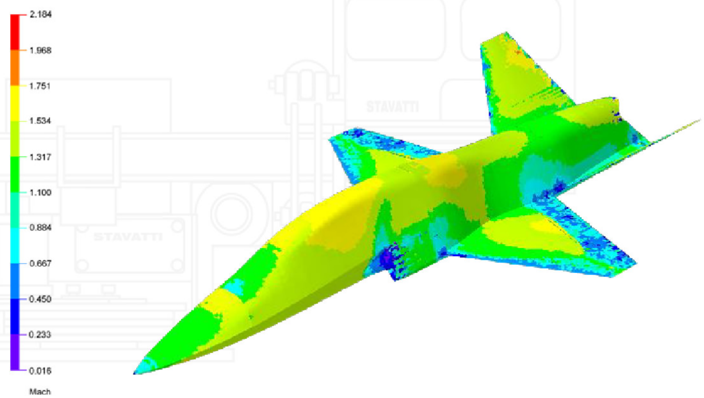
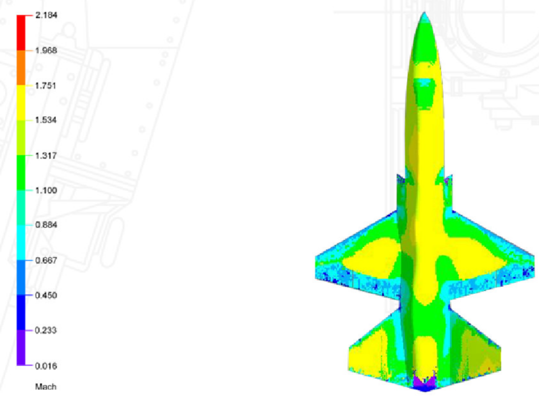
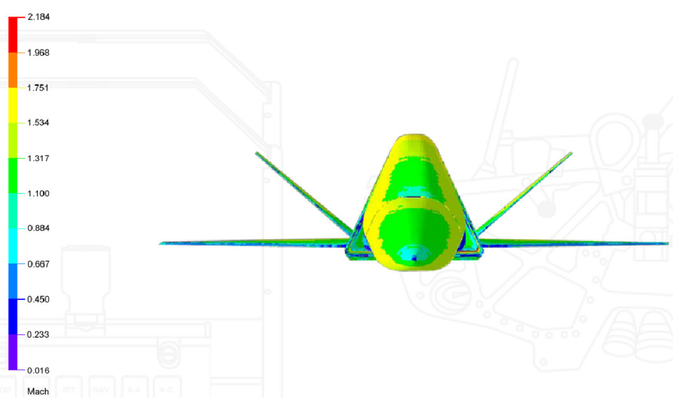
CFD & FEA

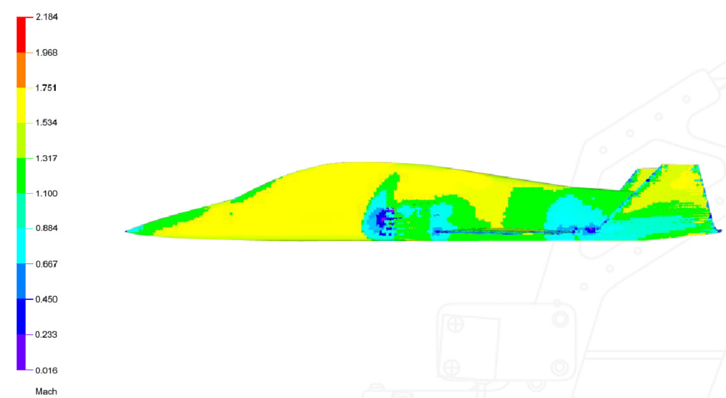
STAVATTI

Stavatti performs Computational Fluid Dynamics (CFD) and Finite Element Analysis (FEA) of all airframes and parts with ongoing simulation 24/7.









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