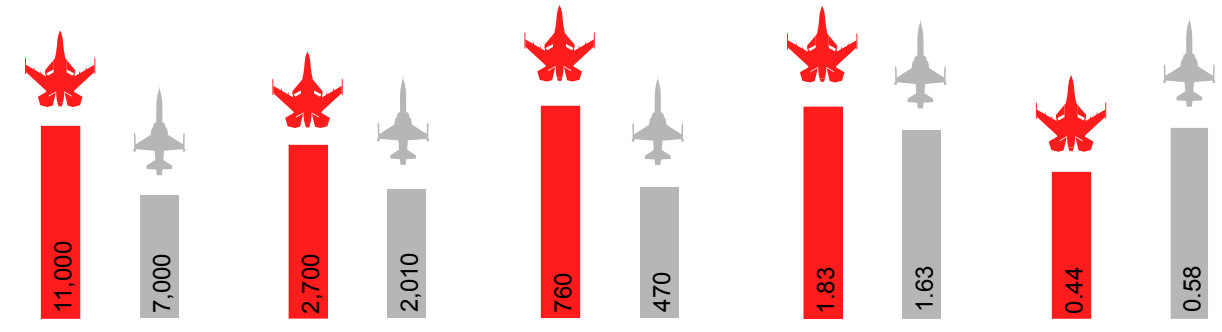
HEAD-2-HEAD • HEAD-2-HEAD • HEAD-2-HEAD • HEAD-2-HEAD • HEAD-2-HEAD

F-5E	VS.	SM-47S
Northrop	**Manufacturer**	Stavatti
1959	**Year of First Flight**	Projected 2014
1	**Flight Crew**	1
2 x M39A2 20mm	**Fixed Armament**	1 x M61A2 20mm
7	**Stores Stations**	8
2 x J85-GE-21	**Powerplant(s)**	1 x F414-GE-400
10,000	**Max Thrust (lbs)**	22,000
26.66	**Span (ft)**	36.00
48.17	**Length (ft)**	40.00
13.33	**Height (ft)**	12.75
186	**Wing Area (sq ft)**	310.00
9,583	**Empty Weight (lbs)**	14,478
4,400	**Max Internal Fuel (lbs)**	7,250
7,000	**Max Warload (lbs)**	11,000
24,675	**MTOW (lbs)**	33,616
124	**Stall Speed @ SL (KTAS)**	116
1.63	**Max Speed @ ALT (Mach)**	1.83
0.80-0.98	**Max Cruise @ ALT (Mach)**	0.85-1.40
34,500	**Max Climb Rate @ SL (ft/min)**	35,000
51,800	**Service Ceiling (ft)**	60,000
470	**Tactical Radius, Internal Fuel (nm)**	760
1,080	**Max Range, Internal Fuel (nm)**	1,520
2,010	**Max Range, With External Fuel (nm)**	2,700
133	**Max Wing Loading (lbs/sq ft)**	110.8
0.41	**Max Thrust-To-Weight Ratio**	0.64
7.33	**Load Limits (g)**	10.0
2,900	**Takeoff Distance; 50 ft Obstacle (ft)**	1,320
2,500	**Landing Distance; 50 ft Obstacle (ft)**	1,770
0.58	**Fuel To Move 1,000 lb Warload 1 nm (lbs)**	0.44



1: With Max Internal + Max External Fuel **2**: Internal Fuel Only + External WarLoad **3**: Aircraft in Clean Configuration

HEAD-2-HEAD • HEAD-2-HEAD • HEAD-2-HEAD • HEAD-2-HEAD • HEAD-2-HEAD

COPYRIGHT © 2009 Stavatti Heavy Industries, Ltd.