

# HEAD-2-HEAD COMPARISON



## SM-47S ADF

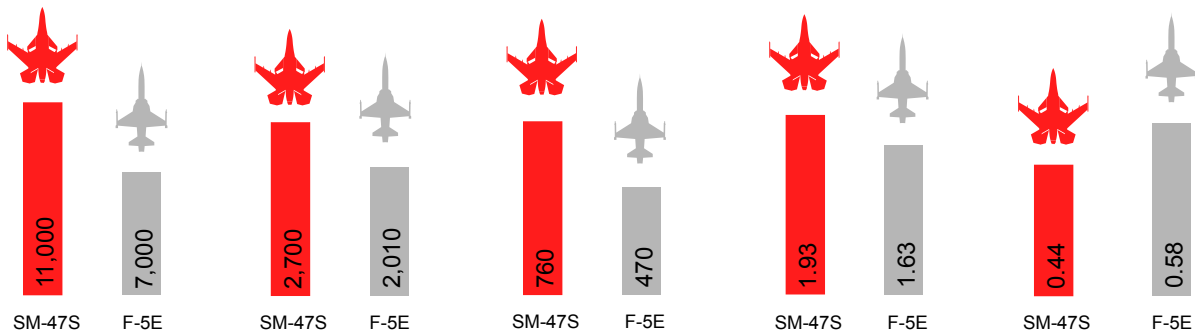
# VS

## F-5E

Stavatti  
 Projected 2014  
 1  
 1 x M61A2 20mm  
 9  
 1 x F414 EPE  
 26,600  
 36.00  
 40.00  
 12.75  
 310.00  
 14,718  
 7,250  
 11,000  
 33,855  
 116  
 1.93  
 0.85-1.40  
 55,000  
 65,000  
 760  
 1,520  
 2,700  
 109.3  
 0.79  
 10.0  
 1,092  
 1,796  
 0.43

**Manufacturer**  
**Year of First Flight**  
**Flight Crew**  
**Fixed Armament**  
**Stores Stations**  
**Powerplant(s)**  
**Max Thrust (lbs)**  
**Span (ft)**  
**Length (ft)**  
**Height (ft)**  
**Wing Area (sq ft)**  
**Empty Weight (lbs)**  
**Max Internal Fuel (lbs)**  
**Max Warload (lbs)**  
**MTOW (lbs)**  
**Stall Speed @ SL (KTAS)**  
**Max Speed @ ALT (Mach)**  
**Max Cruise @ ALT (Mach)**  
**Max Climb Rate @ SL (ft/min)**  
**Service Ceiling (ft)**  
**Tactical Radius, Internal Fuel (nm)**  
**Max Range, Internal Fuel (nm)**  
**Max Range, With External Fuel (nm)**  
**Max Wing Loading (lbs/sq ft)**  
**Max Thrust-To-Weight Ratio**  
**Load Limits (g)**  
**Takeoff Distance; 50 ft Obstacle (ft)**  
**Landing Distance; 50 ft Obstacle (ft)**  
**Fuel To Move 1,000 lb Warload 1 nm (lbs)**

Northrop  
 1959  
 1  
 2 x M39A2 20mm  
 7  
 2 x J85-GE-21  
 10,000  
 26.66  
 48.17  
 13.33  
 186  
 9,583  
 4,400  
 7,000  
 24,675  
 124  
 1.63  
 0.80-0.98  
 34,500  
 51,800  
 470  
 1,080  
 2,010  
 133  
 0.41  
 7.33  
 2,900  
 2,500  
 0.58



**Max Warload (lbs)<sup>1</sup>    Max Range (nm)<sup>2</sup>    Tactical Radius (nm)<sup>1</sup>    Max Speed (Mach)<sup>3</sup>    Relative Fuel Burn<sup>4</sup>**

1: With Max Internal Fuel 2: With Max Internal + Max External Fuel 3: Aircraft in Clean Configuration 4: Fuel Consumed (lbs) to move 1,000 lbs of Warload 1 nm