

# HEAD-2-HEAD COMPARISON



## SM-47S ADF

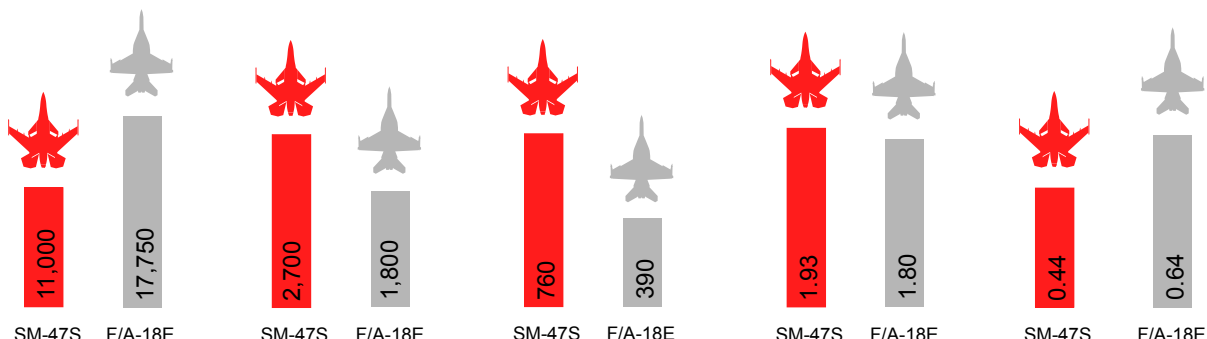
# VS

## F/A-18E

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)**

Boeing  
 1995  
 1  
 1 x M61A2 20mm  
 11  
 2 x F414-GE-400  
 44,000  
 44.71  
 60.10  
 16.00  
 500  
 30,600  
 14,400  
 17,750  
 66,000  
 110  
 1.80  
 0.85-1.20  
 50,000  
 50,000  
 390  
 1,275  
 1,800  
 132.0  
 0.67  
 7.5  
 3,680  
 4,875  
 0.64



**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