

# HEAD-2-HEAD COMPARISON



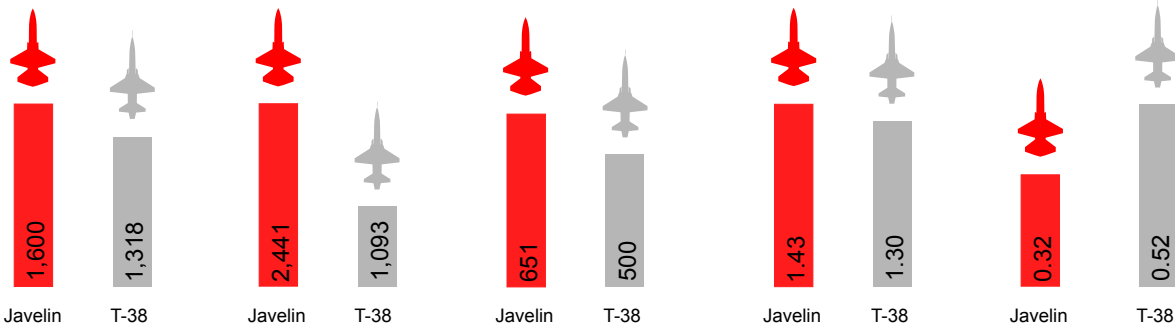
## Javelin T-X

Stavatti  
 Projected 2019  
 2  
 1 x F125-GA-100  
 9,850  
 24.0  
 41.7  
 9.0  
 176  
 12,500  
 7,100  
 1,600  
 3,800  
 567  
 6  
 None  
 1.43  
 95  
 34,078  
 60,000  
 651  
 1,691  
 2,441  
 71  
 0.788  
 9.00  
 1,267  
 1,203  
 0.321

# VS

## T-38

<b>Manufacturer</b>	Northrop
<b>First Flight</b>	1959
<b>Crew</b>	2
<b>Powerplant(s)</b>	2 x J85-5A
<b>Thrust (lbs)</b>	6,600
<b>Span (ft)</b>	25.3
<b>Length (ft)</b>	46.4
<b>Height (ft)</b>	12.9
<b>Wing Area (sq ft)</b>	170
<b>MTOW (lbs)</b>	12,500
<b>Empty Weight (lbs)</b>	7,200
<b>Payload/Warload (lbs)</b>	1,318
<b>Internal Fuel (lbs)</b>	3,982
<b>Internal Fuel (USG)</b>	594
<b>Stores Stations (No.)</b>	None
<b>Internal Gun</b>	None
<b>Max Speed @ ALT (Mach)</b>	1.30
<b>Stall Speed @ SL (KTAS)</b>	129
<b>Max Climb Rate (ft/Min)</b>	33,600
<b>Service Ceiling (ft)</b>	55,000
<b>Tactical Radius, Internal Fuel (nm)</b>	500
<b>Maximum Range, Internal Fuel (nm)</b>	1,093
<b>Ferry Range, External Tanks (nm)</b>	?
<b>Wing Loading (lbs/sq ft)</b>	74
<b>Thrust to Weight Ratio</b>	0.528
<b>Load Limits (g)</b>	7.33
<b>Takeoff Distance (ft)</b>	4,002
<b>Landing Distance (ft)</b>	4,904
<b>Relative Fuel Burn Ratio</b>	0.520



**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 External Fuel 3: Aircraft in Clean Configuration 4: Fuel Consumed (lbs) to move 1,000 lbs of Warload 1 nm