

HEAD-2-HEAD COMPARISON



Javelin LF

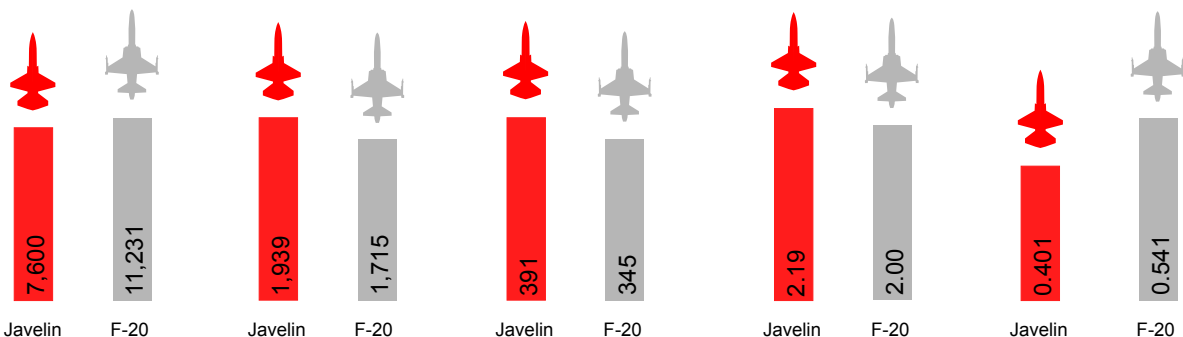
VS

F-20

Stavatti
 Projected 2019
 1
 1 x F125XX
 16,000
 24.0
 41.7
 9.0
 176
 20,000
 8,600
 7,600
 3,800
 567
 8
 1 x M61A2 20mm
 2.19
 104
 57,893
 60,000
 391
 1,246
 1,939
 114
 0.800
 9.00
 955
 1,529
 0.401

Manufacturer
First Flight
Crew
Powerplant(s)
Thrust (lbs)
Span (ft)
Length (ft)
Height (ft)
Wing Area (sq ft)
MTOW (lbs)
Empty Weight (lbs)
Payload/Warload (lbs)
Internal Fuel (lbs)
Internal Fuel (USG)
Stores Stations (No.)
Internal Gun
Max Speed @ ALT (Mach)
Stall Speed @ SL (KTAS)
Max Climb Rate (ft/Min)
Service Ceiling (ft)
Tactical Radius, Internal Fuel (nm)
Maximum Range, Internal Fuel (nm)
Ferry Range, External Tanks (nm)
Wing Loading (lbs/sq ft)
Thrust to Weight Ratio
Load Limits (g)
Takeoff Distance (ft)
Landing Distance (ft)
Relative Fuel Burn Ratio

Northrop
 1982
 1
 1 x F404-GE-100
 18,000
 28.0
 47.3
 13.9
 186
 27,500
 11,219
 11,231
 5,050
 754
 7
 2 x M-39 20mm
 2.00
 125
 52,800
 54,700
 345
 831
 1,715
 148
 0.655
 9.00
 1,600
 2,500
 0.541



Max Warload (lbs)¹
 Max Range (nm)²
 Tactical Radius (nm)¹
 Max Speed (Mach)³
 Relative Fuel Burn⁴

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