

HEAD-2-HEAD COMPARISON



SM-27J

VS

Su-25

Stavatti
Projected 2013

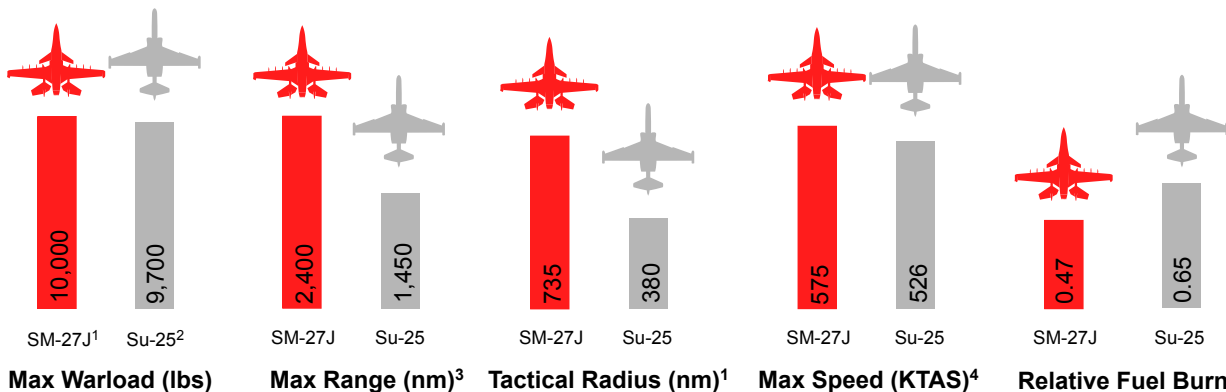
Manufacturer
Year of First Flight

Sukhoi
1975

1
1 x GAU-13/A 30mm
8
1 x Non-Afterburning F414
14,756
50.00
38.00
12.75
280.00
12,202
6,000
8,000
27,605
102
575
530
21,604
50,000
735
1,600
2,400
98.7
0.53
9.8
1,304
1,354
0.47

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 (KTAS)
Max Cruise @ ALT (KTAS)
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)

1
1 x 30mm A0-17A
10
2 x R195
19,840
47.10
50.90
15.60
324
20,950
6,614
9,700
38,645
108
526
513
5,000
32,810
380
1,053
1,450
107
0.51
6.5
1,970
1,312
0.65



1: With 70% Internal Fuel 2: With Max Internal Fuel 3: With Max External Fuel 4: Aircraft in Clean Configuration 5: Fuel Consumed (lbs) to move 1,000 lbs of Warload 1 nm