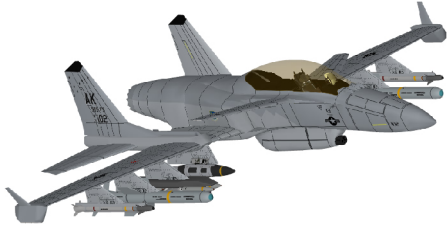


HEAD-2-HEAD COMPARISON



SM-27J

VS

Hawk 200

Stavatti
Projected 2013

Manufacturer
Year of First Flight

British Aerospace
1986

1
1 x GAU-13/A 30mm
8
1 x Non-Afterburning F414

Flight Crew
Fixed Armament
Stores Stations

1
2 x Aden 25 mm
6

14,756

Powerplant(s)
Max Thrust (lbs)

1 x Adour Mk 871
5,845

50.00

Span (ft)

30.81

38.00

Length (ft)

37.17

12.75

Height (ft)

13.66

280.00

Wing Area (sq ft)

179.6

12,202

Empty Weight (lbs)

9,810

6,000

Max Internal Fuel (lbs)

3,000

8,000

Max Warload (lbs)

6,614

27,605

MTOW (lbs)

20,061

102

Stall Speed @ SL (KTAS)

96

575

Max Speed @ ALT (KTAS)

575

530

Max Cruise @ ALT (KTAS)

549

21,604

Max Climb Rate @ SL (ft/min)

11,510

50,000

Service Ceiling (ft)

45,000

735

Tactical Radius, Internal Fuel (nm)

538

1,600

Max Range, Internal Fuel (nm)

1,400

2,400

Max Range, With External Fuel (nm)

1,700

98.7

Max Wing Loading (lbs/sq ft)

111.7

0.53

Max Thrust-To-Weight Ratio

0.29

9.8

Load Limits (g)

8

1,304

Takeoff Distance; 50 ft Obstacle (ft)

2,070

1,354

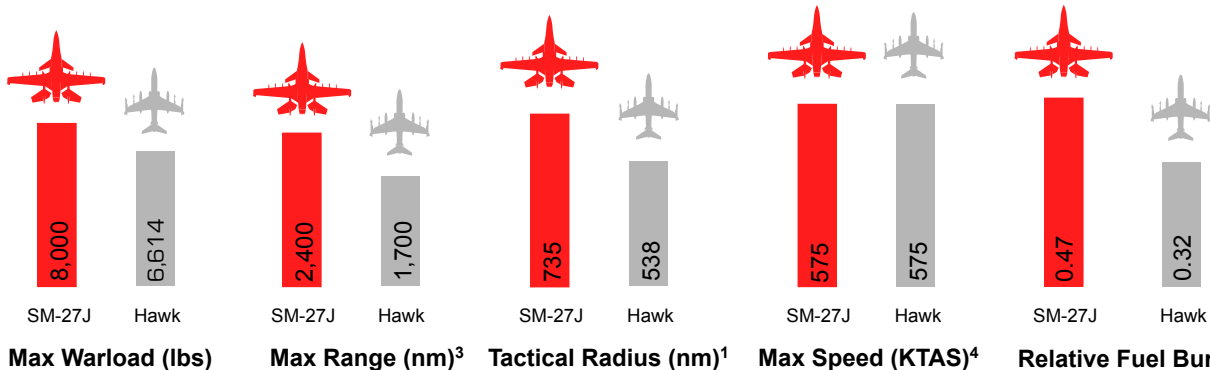
Landing Distance; 50 ft Obstacle (ft)

1,960

0.47

Fuel To Move 1,000 lb Warload 1 nm (lbs)

0.32



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