

HEAD-2-HEAD COMPARISON



SM-27J

VS

A-10A

Stavatti
Projected 2013

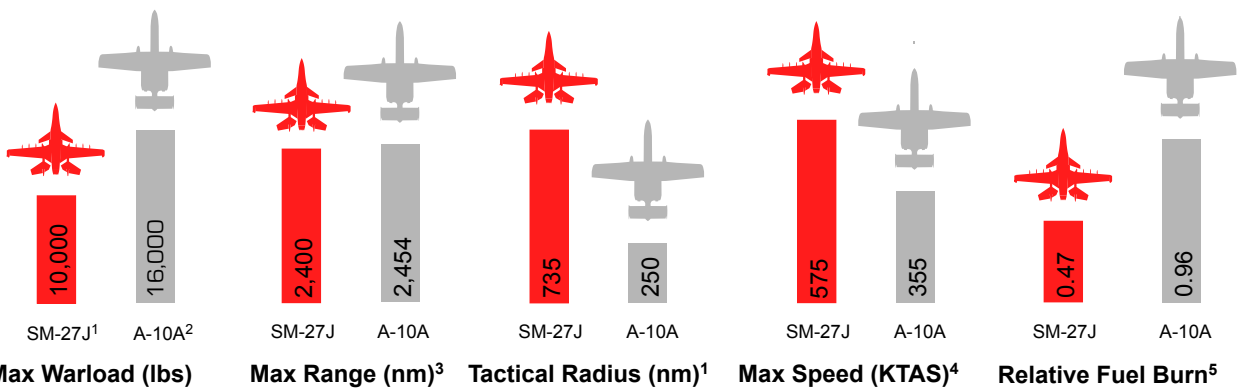
1
1 x GAU-13/A 30mm
8
1 x Non-Afterburning F414
14,756
50.00
38.00
12.75
280.00
12,202
6,000
8,000
27,605
102
575
530
21,604
50,000
735
1,600
2,400
98.7
0.53
9.8
1,304
1,354
0.47

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 (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)

Fairchild Republic
1972

1
1 x GAU-8/A 30mm
11
2 x TF34-GE-100
18,130
57.50
53.30
14.70
506
24,959
10,700
16,000
50,000
120
355
336
6,000
45,000
250
695
2,454
99.0
0.37
7.33
4,500
2,500
0.96



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