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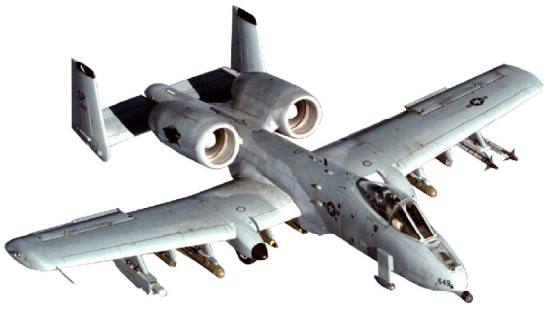
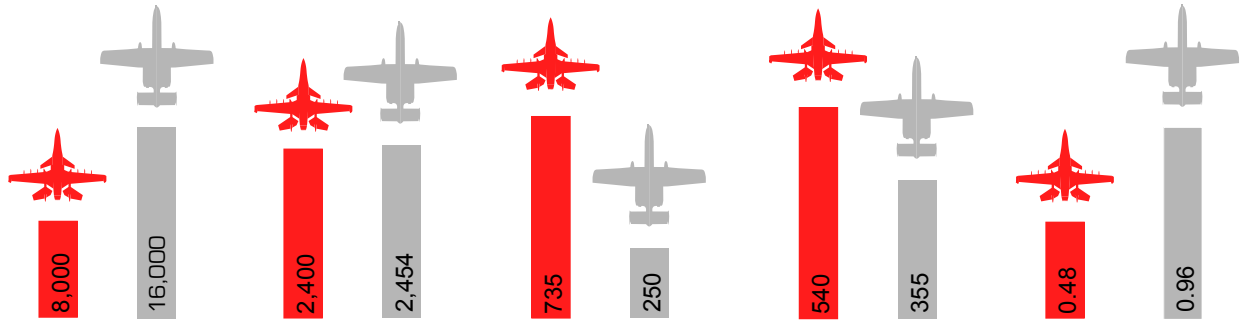


A-10A		SM-27J
Fairchild Republic	**Manufacturer**	Stavatti
1972	**Year of First Flight**	Projected 2013
1	**Flight Crew**	1
1 x GAU-8/A 30mm	**Fixed Armament**	1 x GAU-13/A 30mm
11	**Stores Stations**	8
2 x TF34-GE-100	**Powerplant(s)**	1 x Non-Afterburning F414
18,130	**Max Thrust (lbs)**	14,756
57.50	**Span (ft)**	50.00
53.30	**Length (ft)**	38.00
14.70	**Height (ft)**	12.75
506	**Wing Area (sq ft)**	280.00
24,959	**Empty Weight (lbs)**	12,202
10,700	**Max Internal Fuel (lbs)**	6,000
16,000	**Max Warload (lbs)**	8,000
50,000	**MTOW (lbs)**	27,605
120	**Stall Speed @ SL (KTAS)**	102
355	**Max Speed @ ALT (KTAS)**	540
336	**Max Cruise @ ALT (KTAS)**	480
6,000	**Max Climb Rate @ SL (ft/min)**	25,620
45,000	**Service Ceiling (ft)**	50,000
250	**Tactical Radius, Internal Fuel (nm)**	735
695	**Max Range, Internal Fuel (nm)**	1,600
2,454	**Max Range, With External Fuel (nm)**	2,400
99.0	**Wing Loading (lbs/sq ft)**	98.7
0.37	**Thrust-To-Weight Ratio**	0.53
7.33	**Load Limits (g)**	9.8
4,500	**Takeoff Distance; 50 ft Obstacle (ft)**	1,310
2,500	**Landing Distance; 50 ft Obstacle (ft)**	1,350
0.96	**Fuel To Move 1,000 lb Warload 1 nm (lbs)**	0.47



Max Warload (lbs) | **Max Range (nm)[1]** | **Tactical Radius (nm)[2]** | **Max Speed (KTAS)** | **Fuel To Move 1K lbs Warload 1 nm (lbs)**

1: With Max Internal + Max External Fuel **2**: Internal Fuel Only + External WarLoad

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