

Key Product Features and Advantages

DA40NG

DA40 NG vs. Cessna Skyhawk 172SP / Piper Archer III*

Criterion	DA40NG	Skyhawk 172	Archer III
Basic List Price (net)	EUR 303.390**	USD 301.500	USD 299.500
Engine Manufacturer	Austro Engine	Lycoming	Lycoming
Horsepower (max)	170 HP	180 HP	180 HP
Climb Rate	800 ft/min	730 ft/min	-
Max. Take-off Weight	1200kg	1157 kg	1157 kg
Useful Payload	320kg	380 kg	393 kg
Normal Cruise Speed	145 kts TAS	126 kts TAS	128 kts TAS
Fuel Capacity	114 lt	212 lt	182 lt
Cruise Range at 75%	1372 km	959 km	822 km
Take Off	300 mt	292 mt	280 mt

Comparison of Fuel Cost (500 flight hours per year @ 75% cruise power)

DA40NG

Fuel grade: JetA1 (price as of Sept 2010: EUR 1,20/l)
 Fuel consumption approx. 25 l/h (ca. 6.6 US gal/h)
 Fuel cost/year: 500 h x EUR 1,20/l x 25 l/h = EUR 15.000

Cessna Skyhawk / Piper Archer III

Fuel grade: Avgas (price as of Sept 2010: EUR 2,50/l)
 Fuel consumption approx. 40 l/h (ca. 10,4 US gal/h)
 Fuel cost/year: 500 h x EUR 2,50/l x 40 l/h = EUR 50.000

Potential Fuel Cost Savings: EUR 35.000 per year YTD

The technical data contained in this brochure are derived from the respective aircraft manufacturers' published manuals, booklets, and websites available at the time of the preparation of this brochure or are calculated by approximation based on such data. Fuel consumption, cruise range and cruise speed may vary subject to the constitution and state of the aircraft, the nature and mode of aircraft operation, wind, weather, and other atmospheric conditions. Status: June 2008.

* the configuration of the Aircraft above includes Glass Cockpit (Garmin G1000 or Ayidyne Entegra) and Automatic Pilot

** the higher initial cost is offset by the savings on fuel (see comparison above) and the higher resale value of Jet A-1 powered Aircraft