



## DA42-VI



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FACTS AND SPECIFICATIONS

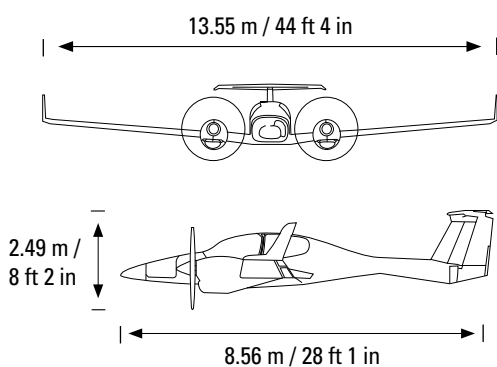
# DA42-VI facts and specifications

## Power plant

Engine	2x Austro Engine AE 300 turbocharged common-rail injected 2.0 liter diesel engine with 168 HP and EECU single lever control system
Propeller	2x MT propeller MTV-6-R-C-F/CF 190-69 3-blade constant speed propeller
Fuel grades	Jet A-1, Jet A, TS-1 (Russia, Ukraine), RT (Russia, Ukraine), No. 3 Jet Fuel (China), JP-8

## Performance (max. mass)

Max. speed (16,000 ft, MCP) 1,760 kg TOW	365 km/h TAS	197 kts TAS
Cruise speed at 75% (16,000 ft)	326 km/h TAS	176 kts TAS
Stall speed, landing configuration	113 km/h CAS	61 kts CAS
Rate of climb (ISA SL) 1,760 kg TOW	7.9 m/s	1,550 ft/min
Single Engine Service Ceiling	5,486 m	18,000 ft
Range at 60% (2,000 ft, incl. auxiliary tank)	2,250 km	1,215 nm
Consumption at 60% in total	39.4 lt/hr	10.4 US gal/hr
Take-off ground roll (ISA SL), 1,760 kg TOW	280 m	919 ft
Landing ground roll (ISA SL)	340 m	1,115 ft
Max. operating altitude	5,486 m	18,000 ft
Max. demonstrated crosswind	46 km/h	25 kts



## Dimensions / mass / loading

Seats	4	4
Empty weight	1,410 kg	3,109 lbs
Useful load	589 kg	1,299 lbs
Max. take off mass	1,999 kg	4,407 lbs
Fuel capacity total	289 lt / 231 kg	76.4 US gal / 512 lbs
main tank	189 lt / 151 kg	50.0 US gal / 335 lbs
auxiliary tank	100 lt / 80 kg	26.4 US gal / 177 lbs

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Specifications apply to standard equipped aircraft, if not otherwise stated. The above data are approximately specifications and may change without notice.

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