

DESIGNED FOR PILOT'S SATISFACTION



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	

DIMENSIONS / MASS / LOADING

Length	8.56 m	28 ft 1 in
Height	2.49 m	8 ft 2 in
Wingspan	13.55 m	44 ft 4 in
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

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

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 kgTOW	7.9 m/s	1,550 ft/min
Single Engine Service Ceiling	5,486 m	18,000 ft
Range at 60% (12,000 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 kgTOW	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

