

DA40 NG - fact sheet



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Power plant	
Engine	Austro Engine AE 300 turbocharged common-rail injected 2.0 liter diesel engine with 168 HP and EECU single lever control system
Propeller	MT propeller MTV-6-R-/190-69 3-blade constant speed propeller
Fuel grades	Jet A-1, Jet A, TS-1

Performance/ consumption (max. mass)		
Max. cruise speed (14,000 ft, MCP)	285 km/h TAS	154 kts TAS
Cruise speed at 60% (14,000 ft)	231 km/h TAS	125 kts TAS
Stall speed, clean	117 km/h CAS	63 kts CAS
Stall speed, landing configuration	107 km/h CAS	58 kts CAS
Rate of climb (ISA SL)	3.5 m/s	690 ft/min
Rate of climb (10,000 ft)	3.2 m/s	630 ft/min
Range at 60%, standard-/ long range tank	1,250 km/ 1,741 km	675 nm/940 nm
Consumption at 60%	19.7 lt/hr	5.2 US gal/hr
Take-off distance 50ft (ISA SL)	560 m	1,837 ft
Take-off ground roll (ISA SL)	370 m	1,214 ft
Landing distance 50ft (ISA SL)	600 m	1,968 ft
Landing ground roll (ISA SL)	270 m	886 ft
Max. operating altitude	5,000 m	16,400 ft
Max. demonstrated crosswind	46 km/h	25 kts

Dimensions/ mass/ loading			
<p>Specifications apply to standard equipped aircraft, if not otherwise stated. The above data are approximately specifications and may change without notice.</p>	Length	8.06 m	26 ft 5 in
	Height	1.97 m	6 ft 6 in
	Wing span	11.63 m	38 ft 2 in
	Seats	4	4
	Empty weight	880 kg	1,940 lbs
	MTOM	1,280 kg	2,822 lbs
	Payload	400 kg	882 lbs
	Fuel capacity standard-/ long range tank	106 lt/ 147 lt	28 US gal/ 39 US gal

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