

DA42 MPP New Generation - Factsheet



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Power Plant		
Engine	2x AUSTRO ENGINE AE300	
Propeller	2x MT 3-blade Hydraulic Constant Speed Propeller	
Performance ¹⁾		
Max. Air Speed (IAS)	348 km/h	188 kts
Min. Operations Speed (IAS)	140 km/h	76 kts
Max. Cruising Speed (TAS) @ MCP, FL 120	324 km/h	175 kts
Fuel Consumption @ 30 % power (loiter speed)	21,0 lt/h	5,6 US gal/hr
Airborne Operations Time @ 30 % power	13,5 hours	13,5 hours
Max. Range @ 50% in 14.000 ft Standard/ Long Range Tank	1,283 km / 1,961 km	693 nm / 1,059 nm
Max Service Ceiling	5,486 m	18.000 ft

Dimensions/Weights

	Length/Height	8,70 m ¹⁾ / 2,49 m	28 ft 6 in ¹⁾ / 8 ft 2 in
	Wing Span	13.42 m	44 ft
	Crew	1 or 2 Pilots	1 Operator
	Empty Weight	1,400 kg ¹⁾	3,086 lbs ¹⁾
	Useful Load	500 kg ¹⁾	1,102 lbs ¹⁾
	Max. Take-off Weight (MTOW)	1,900 kg	4,189 lbs
	Fuel Capacity Standard/Long Range	189 lt/288 lt	50 US gal/ 76 US gal
	Fuel grades	Jet A1	

Multi Purpose Platform Features

Payload Pods: Universal Nose (65kg/144 lbs), Nose Pod (85 kg/188 lbs), Belly Pod (80 kg/177 lbs)

Bubble Canopy | Large Elevator Tips

Passive Surveillance Painting | Noise & IR Reduction Kit

Power Supply for Mission Equipment

¹⁾ Specifications can differ depending on the specific sensor equipment. Specifications apply to standard equipped aircraft, if not otherwise stated. The above quoted data are approximately specifications and may change without notice.