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DA50 RG

PRELIMINARY FACTS AND SPECIFICATIONS

DA50 RG Preliminary facts and specifications

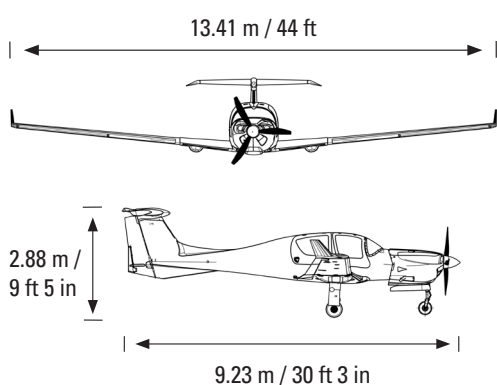
5 seat 300 hp prototype version June 2020

Power plant

Engine	Continental CD-300 turbocharged, FADEC controlled jet fuel engine with 300 hp TOP / 270 hp MCP
Propeller	MT propeller MTV-12-D/210-56
Fuel grades	JET-A1

Performance

Max. speed (ISA, 16,000 ft, 1,700 kg, MCP)	335 km/h TAS	181 kts TAS
Stall speed, landing configuration	106 km/h CAS	57 kts CAS
Best rate of climb	5.3 m/s	1,050 ft/min
Max. range incl. 30 min. reserve	1,389 km	750 nm
Consumption at max range	34.1 lt/hr	9 US gal/hr
Take-off distance (ISA SL, MTOM, ground roll / 50 ft obstacle)	440 m / 740 m	1,444 ft / 2,427 ft
Landing distance (ISA SL, MTOM, ground roll / 50 ft obstacle)	340 m / 640 m	1,115 ft / 2,100 ft
Max. operating altitude	6,096 m	20,000 ft



Dimensions / mass / loading

Seats	5	5
Empty mass	1,440 kg	3,175 lbs
Useful load	559 kg	1,232 lbs
Max. take off mass	1,999 kg	4,407 lbs
Fuel capacity	189 lt	50 US gal

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Specifications apply to standard equipped aircraft (DA50 RG 5-seat 300 hp prototype version June 2020, average occupation, short trip loading, well serviced aircraft condition), if not otherwise stated. The above data are approximately specifications and may change without notice.

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