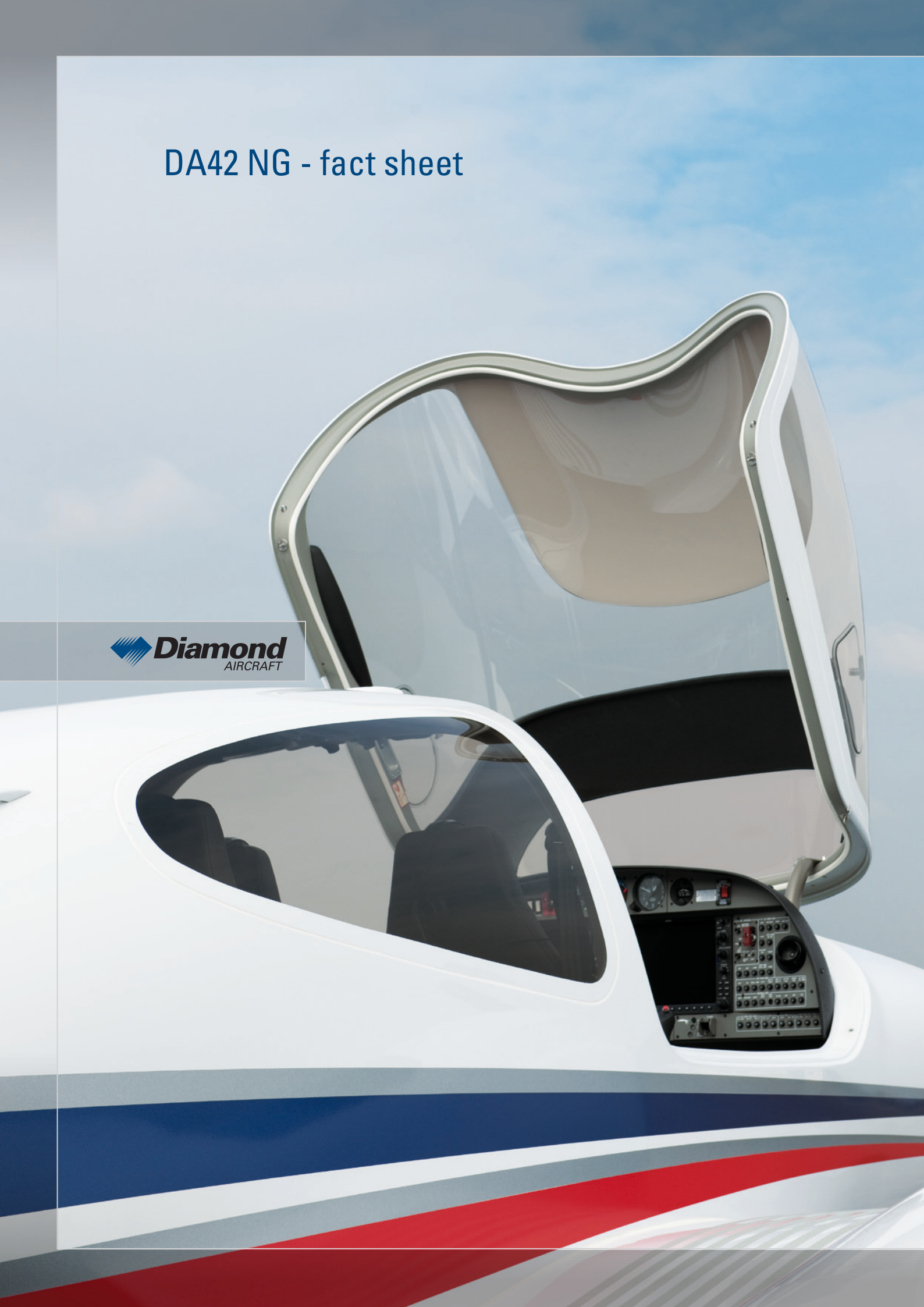


DA42 NG - fact sheet



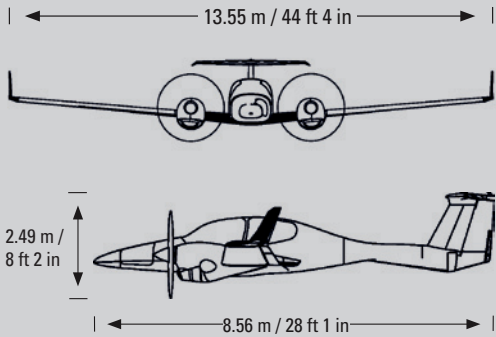
DA42 NG - fact sheet

Power plant	
Engines	2x Austro Engine AE 300 turbocharged common-rail injected 2.0 liter diesel engine with 168 HP and EECU single lever control system
Propellers	MT propeller MTV-6-R-C/CF 187-129 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)	328 km/h TAS	177 kts TAS
Cruise speed at 60% (14,000 ft)	278 km/h TAS	150 kts TAS
Stall speed, clean	126 km/h CAS	68 kts CAS
Stall speed, landing configuration	113 km/h CAS	61 kts CAS
Rate of climb (ISA SL)	5.5 m/s	1,090 ft/min
Rate of climb (10,000 ft)	4.8 m/s	940 ft/min
Range at 60%, standard-/ long range tank	1,335 km/ 2,041 km	721 nm/ 1,102 nm
Consumption at 60%	39.4 lt/hr	10.4 US gal/hr
Take-off distance 50ft (ISA SL)	700 m	2,297 ft
Take-off ground roll (ISA SL)	440 m	1,444 ft
Landing distance 50ft (ISA SL)	570 m	1,870 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

 <p>Specifications apply to standard equipped aircraft, if not otherwise stated. The above data are approximately specifications and may change without notice.</p>	Length	8.56 m	28 ft 1 in
	Height	2.49 m	8 ft 2 in
	Wing span	13.55 m	44 ft 4 in
	Seats	4	4
	Empty weight	1,430 kg	3,153 lbs
	MTOM	1,900 kg	4,189 lbs
	Payload	470 kg	1,063 lbs
	Fuel capacity standard-/ long range tank	189 lt/ 289 lt	50 US gal/ 76.4 US gal