DA62 THE ULTIMATE FLYING MACHINE

Diamond AIRCRAFT

TRAVEL THE 21ST CENTURY WAY

MORE OF THE BEST

The all new DA62 fills the gap between high performance single pistons and entry level turboprops. With a spacious cabin, offering optional three row seven passenger seating, excellent payload and exceptionally low fuel burn, the DA62 is best described as a flying luxury SUV.

The DA62 represents the ultimate development of Diamond's piston aircraft line, incorporating decades of experience in certified composite airplane construction, safety, jet fuel piston powerplants and advanced avionics integration.

The DA62 will impress pilots looking for more seats and utility, as well as charter operators and corporate flight departments wanting to complement their larger aircraft with a low cost alternative for shorter trips.

AT A GLANCE:

• 7 seats, three-row seating • Excellent cabin access • Luxurious leather interior • G1000 NXi, GFC700 3-axis & yaw damper • Twin 180hp jet fuel AE330 engines • High fuel efficiency • Superb performance in all phases of flight • TKS known ice protection (FIKI)

DA62 KEYFACTS:

Consumption at 60%	Max. Speed	Max. Altitude	Useful Load
44.7 lt/h or 11.8 gal/h	356 km/h or 192 kts	6,096 m or 20,000 ft	702 kg or 1,545 lbs

„Standing out on the ramp at Diamond's base at Wiener Neustadt in Austria, the DA62 looks exactly what it is – a 21st Century aircraft."

www.pilotweb.aero

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SPACIOUS LUXURY MEETS HIGH TECH

SPACIOUS INTERIOR DESIGN

The DA62 spoils pilots and passengers alike, with an extra-large cabin, generous and adjustable front seats, a 60/40 split folding three seat second row bench and optional folding two seat third row bench.
Comfortable access for all on board is assured through the two forward gull wing doors and the huge rear door that provides access to all rear seats. Baggage is stowed in the generous nose compartments and cabin, offering maximum loading flexibility for any mission.

CARBON DESIGN

The sleek all carbon composite airframe incorporates advanced aerodynamics with the latest in passive safety technology for high performance, great efficiency and superior occupant protection.
The composite airframe is durable, easily maintained and will keep looking great for many years to come.

FIRST CLASS CABIN

Luxury features abound throughout, including premium interiors in several styles, colors and materials, all LED interior lighting, optional electric air conditioning and more.

“Even at a glance you can see that the standard of finish is extremely high, while the elegant, flowing lines are extremely attractive. ”

www.pilotweb.de

ADVANCED AVIONICS

ADVANCED AVIONICS

TOP-NOTCH AVIONICS

The fully integrated Garmin G1000NXi flight deck with standard 3-axis GFC700 Automated Flight Control System and yaw damper and Electronic Stability and Protection, is complemented by a long list of avionics options to perfectly suit your mission. Integrated weather radar, normally available only on much more expensive aircraft, is available as are Traffic Alerting, Synthetic Vision, and much more. The Line Replaceable Units (LRU's) are located in a dedicated and externally accessible forward avionics bay, for ease of maintenance and trouble shooting.

EASY PROGRAMMING

The Garmin GCU 476 alphanumeric keypad is an available option in the DA62. It makes programming the G1000 NXi easier than ever!

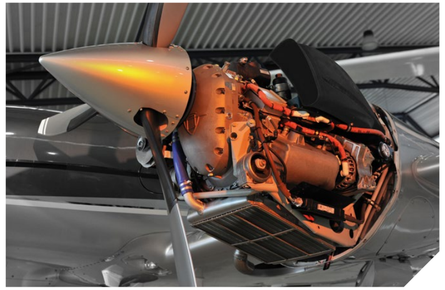
„The Diamond DA62 is a perfect platform for our use. We fly 300-400 hrs a year - to short grass airstrip like Manchester Barton and Wickenby which is only 520m and to major international airport like Luton and London Stansted Airport. The benefit of this is the airplane's capability of high speed on the approach, no slowing down the commercial traffic behind us. The landing is as easy as it can be with its trailing link undercarriage and larger tyres and feathering props. It's a superb aircraft for private or commercial for either day or night VFR or IFR."

Steven Viner, Chief Pilot,
Morson International, UK

PROPULSION

JET-FUEL POWER

The turbocharged Austro AE330 jet fuel piston engines perfectly match the DA62's aerodynamically efficient airframe, burning only 17.1 gph, combined, at a high speed cruise of 192 ktas, and little as 9 gph at max endurance speed.



PROPELLERS

The 3 blade MT hydraulic constant speed propellers feature advanced blade geometry for efficient performance, smoothness and low noise. They are automatically controlled by each engine's digital engine control through conventional hydraulic governors. Feathering is as simple as flipping a single switch.

CONTROL

Control is jet-engine simple, with each engine / propeller combination controlled by a single power lever and power settings displayed in % power. Simplified power control means that you can focus on more important things – and that is not just more convenient, but safer too.

„A case can be made that the twin-diesel DA62 from Austria's Diamond Aircraft represents a new pinnacle in piston aircraft design. Its long list of positive attributes includes superb efficiency, quality construction, technological sophistication and aesthetic appeal from every angle. With so much going for it, there's little question this is an airplane that belongs on the shortlist of the greatest light twins ever. In a word, it's a winner."

www.flyingmag.com

SALES UNITS

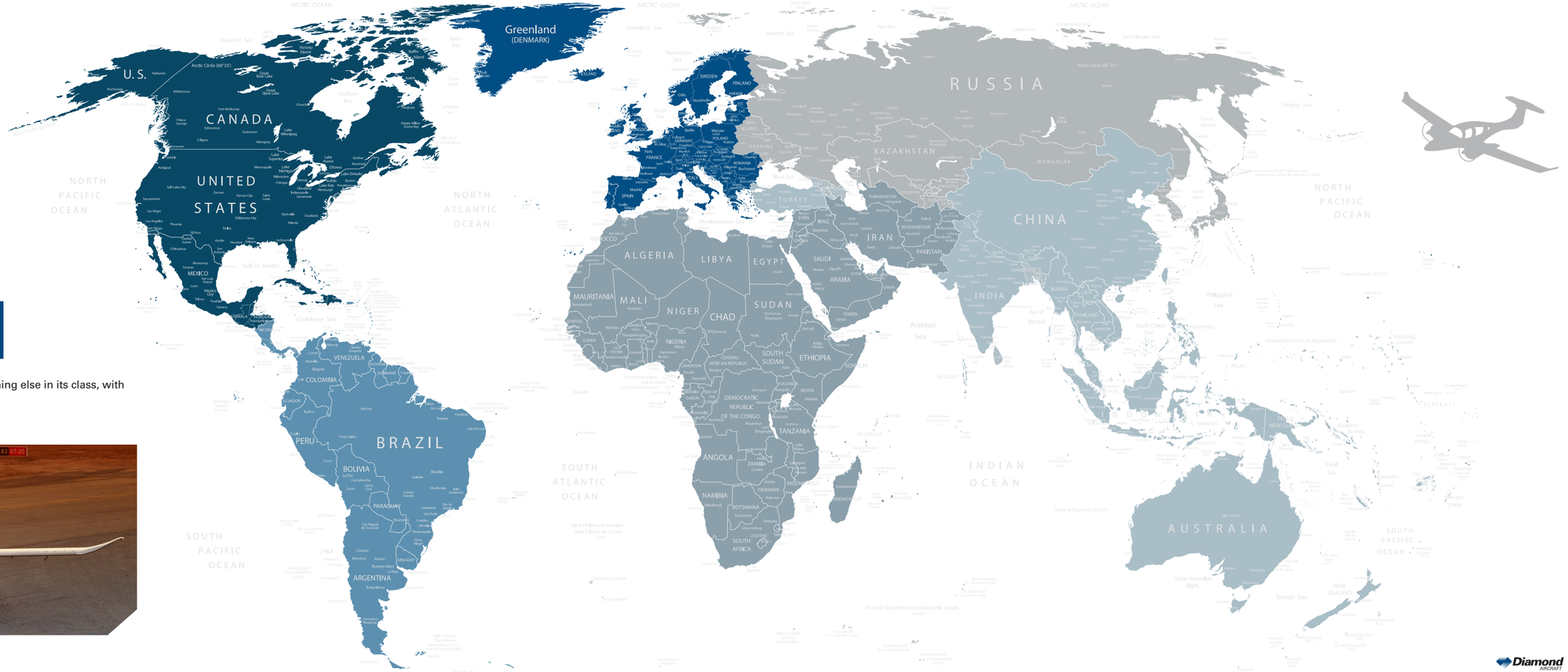
DA62 in global operation

(Year 2016-2021

North America	75+ Units
Latin America	5+ Units
Europe	85+ Units
Middle East / Africa	10 Units
Asia and Pacific	5 Units

WORLDWIDE
185+ UNITS

The DA62 moves more passengers and equipment further and faster than anything else in its class, with exceptional fuel efficiency, luxury and twin-engine security.



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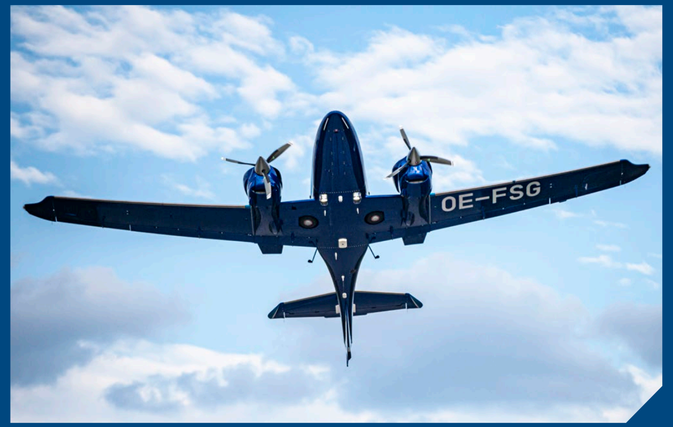
OE-FSG

DA62 RANGE

DA62 RANGE (incl. auxiliary tank)

POWER: 50% (white circle on map)
Range: 1,265 nm (2,342 km)
Time: 8.9 h
Speed: 142 kts (263 km/h)
Consumption: 9.7 gal/h (36.7 l/h)

POWER: 95% (yellow circle on map)
Range: 887 nm (1,643 km)
Time: 4.7 h
Speed: 190 kts (352 km/h)
Consumption: 18.5 gal/h (70 l/h)



The above data are approximately specifications and may change without notice. Range calculation does not consider additional fuel consumption for taxi, takeoff, climb, descend or reserve.

DA62 FACTS AND SPECIFICATIONS

POWER PLANT

Engine	2x Austro Engine AE330 turbocharged common-rail injected 2.0 liter jet fuel engine with 180 HP and EECU single lever control system
Propeller	2x MT propeller MTV-6-R-C-F/CF 194-80 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	9.17 m	30 ft 1 in
Height	2.82 m	9 ft 3 in
Wingspan	14.57 m	47 ft 10 in
Seats	up to 7	up to 7
Empty weight without options	1,598 kg	3,523 lbs
Maximum useful load	702 kg	1,545 lbs
Max. take-off mass [1)]	2,300 kg	5,071 lbs
Fuel capacity total (usable fuel) main tank auxiliary tank	327 lt / 261 kg 189 lt / 151 kg 138 lt / 110 kg	86.4 US gal / 576 lbs 50 US gal / 333 lbs 36.4 US gal / 243 lbs

PERFORMANCE (MTOM, ISA)

Max. speed (14,000 ft, MCP)	356 km/h TAS	192 kts TAS
Cruise speed at 85% (12,000 ft)	333 km/h TAS	180 kts TAS
Stalling speed, landing configuration	126 km/h	68 kts CAS
Max. rate of climb (MSL)	5.2 m/s	1,028 ft/min
Max. range (incl. auxiliary tank) (FL160, 50% PWR) incl. climb, no reserves	2,385 km	1,288 nm
Fuel consumption at 60% (12,000 ft) in total	44.7 lt/hr	11.8 US gal/hr
Take-off performance (MSL, ground roll / take-off obstacle)	480 m / 833 m	1,574 ft / 2,730 ft
Landing performance (MSL, ground roll / landing distance)	441 m / 779 m	1,446 ft / 2,555 ft
Certified service ceiling	6,096 m	20,000 ft
Single engine service ceiling (MTOM, ISA, rate of climb: 50 ft/min.)	3,354 m	11,000 ft
Single engine absolute ceiling (MTOM, ISA, rate of climb: 0 ft/min.)	4,116 m	13,500 ft
Max. demonstrated crosswind	46 km/h	25 kts

Specifications apply to standard equipped aircraft, if not otherwise stated. The above data are approximately specifications and may change without notice.
[1)] The DA62 is also available with an MTOM of 1,999 kg (4,407 lbs). Our sales team will be happy to provide you with the necessary information: +43 2622 26700 1317

Diamond AIRCRAFT

AVIATION AS UNIQUE AS YOU ARE

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