# 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

# 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

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## 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!

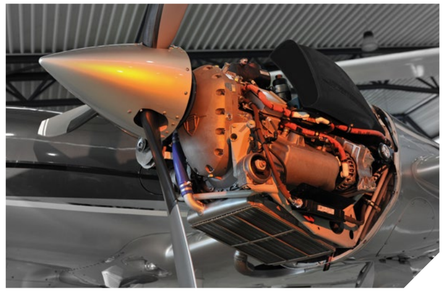
*„The Diamond DA62 is a perfect platform for our use. We fly 300-400 hrs a year - to short grass airstrip like Manchester Barton and Wickenby which is only 520m and to major international airport like Luton and London Stansted Airport. The benefit of this is the airplane's capability of high speed on 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

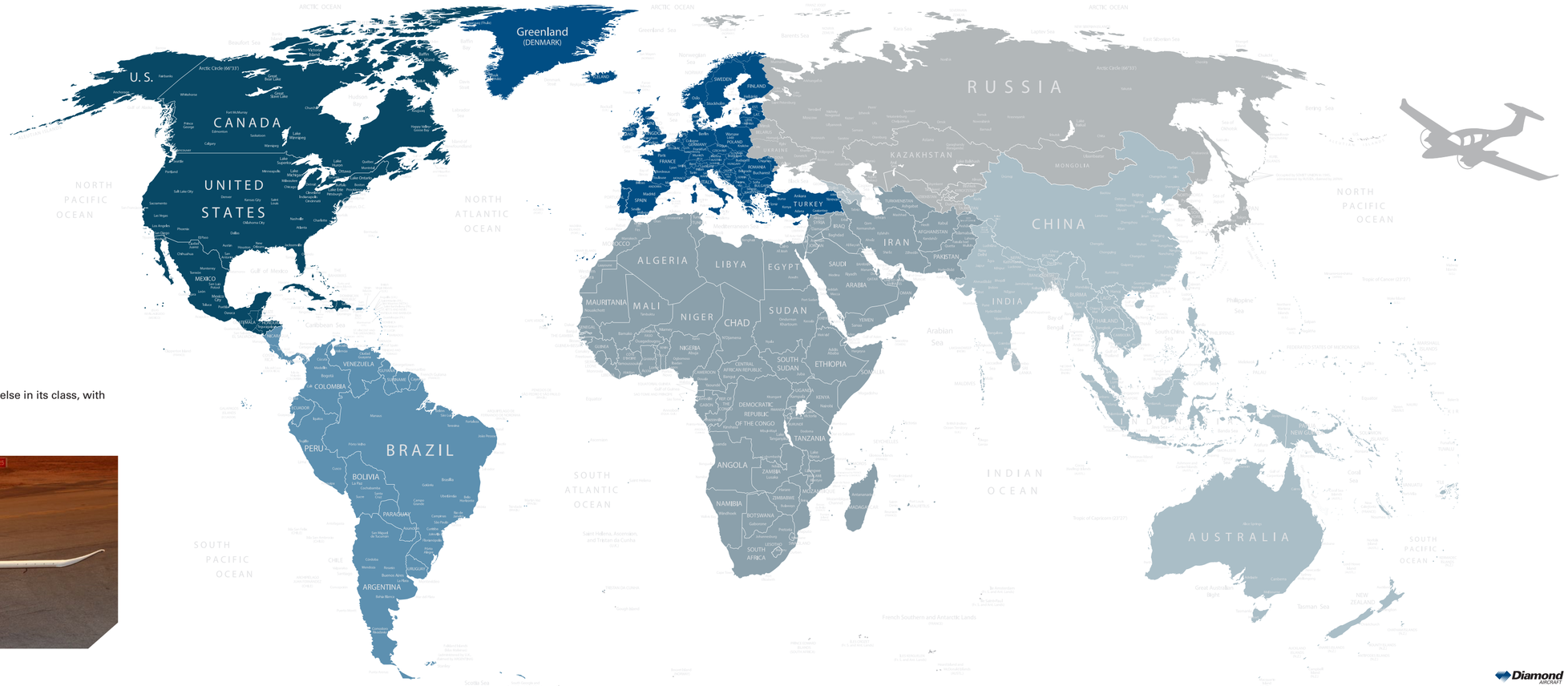
## DA62 in global operation

(Year 2016-2024)

| | |
|---|---|
| North America | 160+ Units |
| Latin America | 25+ Units |
| Europe | 180 Units |
| Middle East / Africa | 15+ Units |
| Asia and Pacific | 5+ Units |

**WORLDWIDE**
**400+ 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.




Diamond AIRCRAFT


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)<br>main tank<br>auxiliary tank | 327 lt / 261 kg<br>189 lt / 151 kg<br>138 lt / 110 kg | 86.4 US gal / 576 lbs<br>50 US gal / 333 lbs<br>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

# AVIATION AS UNIQUE AS YOU ARE

Diamond AIRCRAFT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