

DA62

The ultimate flying machine –
speed, style and space for 7



AIRFRAME

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. Luxury features abound

PROPULSION

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.

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.

The 3 blade MT hydraulic constant speed propellers feature advanced blade geometry for efficient performance,

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

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. Further enhancing the dynamic and elegant lines, are the unlimited choices of available colors and paint designs.

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. The DA62's AE330 180 hp jet fuel piston engines are a refinement of the well proven AE300 170 hp engine, in service in Diamond's DA40 and DA42 since 2009. With over 1,200 engines in service and a total fleet time of well over 600,000 hrs as of November 2015, the AE300 has proven itself to be smooth, reliable and efficient.

Austro Engines and MT Propellers are supported by North American based factory support and parts centres and a network of Authorized Service Centres.



AVIONICS

The fully integrated Garmin G1000 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.

STANDARD FEATURES & OPTIONS

Airframe & Powerplant

- 2 x 180hp Austro Engine AE330 jet fuel piston engines
- FADEC single lever power controls
- 2 x MT 3-blade constant speed propeller
- All carbon airframe structure
- Multi-path lightning protection system
- Hydraulic retractable landing gear
- Electric flap system
- 26g cabin and seats
- Premium leather interior
- Reclining pilot & co-pilot seats, adjustable lumbar support
- 3-point automatic reel seat belts (all seats)
- Electrically adjustable rudder pedals
- Power and USB outlets
- Overhead LED cabin lights
- HID-Xenon landing and taxi lights
- LED position and strobe lights
- Left and right nose baggage compartments

Airframe Options

- Electric air conditioning, 90 lbs
- TKS ice protection system (FIKI), 55 lbs
- Integrated oxygen system, 31 lbs
- AmSafe airbag seatbelts, 5 lbs
- Metallic two-tone paint, 22 lbs
- 3rd row seatbench with folding seatback, 55 lbs

Fuel & Capacity

Approved Fuels: JET A-1, JET A, JP-8, others per AFM

Fuel Capacity: 89 USG, Unusable: 2.6 USG

Weights

Max Take-off Weight: 5,071 lbs

Max Zero Fuel Weight: 4,850 lbs

Max Landing Weight: 5,071 lbs

Standard Empty Weight¹: 3,461 lbs

Useful Load¹: 1,609 lbs

Max Fuel Weight^{1,2}: 605 lbs

Full Fuel Payload^{1,2}: 1,004 lbs

^{1, 2} Weights and Loads shown are for standard configuration. Selection of optional features may affect these weights. S/N specific Production variances can occur. ² Fuel density assumed at 7.01 lbs / USG

Avionics

GARMIN G1000 glass cockpit with:

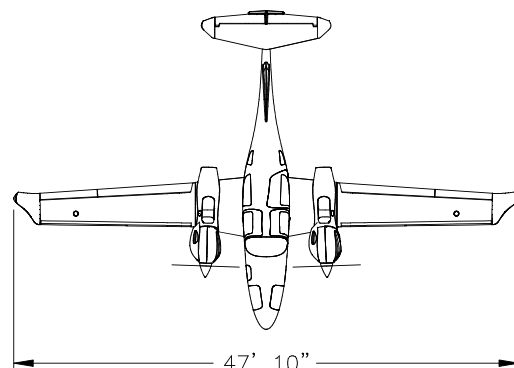
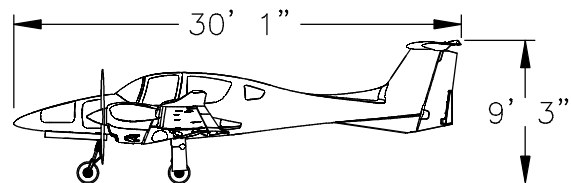
- 10-inch primary flight and multifunction displays
- GEA 71 airframe/engine interface unit
- Dual GIA 63W COM/NAV/SBAS-GPS/GS/LOC
- GMA 1347 digital audio system
- GTX 335R Mode S Transponder (ADS-B Out)
- GRS 79 AHRS
- GDC 72 digital air data computer
- GMU 44 magnetometer
- GFC 700 3 axis AFCS with yaw damper
- Garmin GCU 476 Keypad
- ELT 406 MHz
- 2nd digital standby attitude module (MD-302-SAM)



Garmin GCU 476 Keypad

Avionics Options

- WX 500 Stormscope, 7 lbs
- Avidyne TAS 605 traffic advisory system, 15 lbs
- Garmin GWX 70 weather radar, 20 lbs
- Garmin GDL69A satlink-XM weather & radio (sub req), 7 lbs
- Garmin GSR 56 iridium satellite datalink (sub req), 2 lbs
- Becker 3500 ADF, remote mounted, 9 lbs
- Honeywell KN63 DME, remote mounted, 7 lbs
- Jeppesen ChartView approach plates (sub req), 0 lbs
- Garmin Synthetic Vision Technology (SVT), 0 lbs



Contact us today at 1-888-359-3220
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PERFORMANCE

Speeds

| | |
|-----------------|---------------------|
| V _{ne} | 205 KIAS |
| V _{mc} | 70 KIAS (Flaps T/O) |
| V _r | 78 KIAS (Flaps T/O) |

Landing Gear Speed Limits

| | |
|------------------------------|----------|
| Extension V _{lo} e | 205 KIAS |
| Retraction V _{lo} r | 162 KIAS |

Flap Speed Limits

| | |
|-----------------------|----------|
| V _{f1} (T/O) | 136 KIAS |
| V _{f2} (LDG) | 119 KIAS |

Max Demonstrated Cross Wind 25 kts

Cruise Performance

| | |
|----------------------------------|--|
| High Speed Cruise ¹ : | 192 ktas @ 87% Power / 17.1 gph (16,000 ft, ISA) |
| Economy Cruise: | 159 ktas @ 60% Power / 11.8 gph (12,000 ft, ISA) |
| Max Endurance ² : | 9.5 hrs @ 45% Power / 9.0 gph (16,000 ft, ISA) |
| Max Range ² : | 1345nm @ 50% Power / 9.7gph (16,000 ft, ISA) |

Notes:

- 1 at 4,400 lbs
- 2 No reserve

Runway Performance

T/O Dist @ 4,400lbs (grnd roll / over 50ft obst):

1263ft / 2093ft

T/O Dist @ MTOW (grnd roll / over 50ft obst):

1575ft / 2733ft

LDG Dist @ 4,400lbs (grnd roll / over 50ft obst):

1257ft / 2316ft

LDG Dist @ MTOW (grnd roll / over 50ft obst):

1447ft / 2556ft

Ceiling

| | |
|-----------------------------------|-----------|
| Certified Ceiling, Normal Ops: | 20,000 ft |
| Certified Ceiling, Single Engine: | 13,000 ft |

Climb Rate

| | |
|---------------------------------------|-----------------------------|
| 1,200 fpm @ 92% power ¹ : | 6000' Density Altitude, ISA |
| 1,320 fpm @ 100% power ¹ : | Sea Level, ISA |

Note: 1 @ 4,400lbs

CONTACT US TODAY



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