

FLIGHT SCHOOLS AND FLEET OPERATORS



CREATING THE BEST PILOTS



 **Diamond**
AIRCRAFT GROUP



Train with the best - train with Diamond!

FLIGHT TRAINING IS A BUSINESS.

Your aircraft are business tools. They need to meet the mission, be safe and generate the maximum margins for your business. Choosing the right aircraft for your business is a critical decision. How do you choose the right aircraft for your business when there is no single aircraft that can do “everything?” The answer is simple: go with the **only manufacturer** that offers a **complete fleet of modern training aircraft** – Diamond Aircraft. From ab-initio through IFR, Commercial, or multi-engine training, Diamond has the right aircraft to match any mission.

KEEPING COSTS DOWN AND BOOSTING MARGINS.

Flying is a passion. Flight training is a business. Whether you run a small FTO / ATO or a large University program, cost is a major driver. Your flight training aircraft must be safe and generate the maximum possible margin for your business. Anything less and you don't compete.

WHAT IS THE RIGHT AIRCRAFT FOR YOUR BUSINESS?

That depends on the type of pilot being trained, what level they are being trained to, and what the utilization will be. No single aircraft model meets all training needs. Diamond's dedication to flight training has shaped our **product line of modern fuel efficient aircraft**, each with a specific training application in mind. From PPL to ab-initio through IFR, commercial or multi-engine training, Diamond has an aircraft to match your mission. The choices you make today will define your future success. Resale Value and Track Record.

RESALE VALUE AND TRACK RECORD.

Lease, finance or purchase, the true cost of any aircraft is defined

as much by its resale value as its purchase price. Diamond's rugged composite airframes reduce the visible wear and tear (hangar rash), are designed for easy refurbishment, have **no life limit** and have been proven in over 2 million flight hours and over a decade of operation worldwide. The modern, fuel efficient design will appeal for many years to come.

FUEL COST.

Fuel costs have become the single largest hourly expense for many high utilization operators, exceeding even capital and insurance costs. Where will this trend go? No one knows, but up is a safe bet! That's why Diamond is bullish on aerodynamic efficiency and even alternative fuel powerplants. The unmatched efficiency of a Diamond means that you'll be competitive regardless of where fuel prices go.

FUEL AVAILABILITY.

Will Avgas be available in 5 years? In 10? We don't know either but we hedged our bets by developing multifuel compatible fuel systems for all our aircraft and investing in state-of-the-art fuel technology including automotive and jet fuel. This makes Diamond Aircraft the only provider of these systems. With our aircraft we deliver technology for the next 20 years and longer.

PARTS COST.

Parts can be a significant part of overall operating costs. Have you checked the airframe parts cost of the aircraft you are considering? We build our parts to last and price them low.



The Diamond Aircraft business case!

KEEP YOUR FLEET FLYING.

When it's flying, the aircraft generates revenue, when it's AOG, it costs money. Demonstrated reliability gives you confidence that unscheduled downtime is minimized, not only for the cost of repair, but for the lost opportunity cost.

LABOR COST.

Good aircraft engineers cost good money and they are worth it. Diamond places special emphasis on reducing wasted time and labor costs with modular design and easily accessed inspection items.

INSURANCE.

Diamond's safety record and economical repairability have resulted in low premiums for Diamond Aircraft operators.

MISSION: GET THE RIGHT TOOL FOR THE JOB.

Diamond's complete fleet and range of options lets you efficiently tailor the aircraft to the mission. PPL, CPL, ATP (Ab Initio), CFI, CFII, SEL; MEL.

FLEET COMMONALITY.

Ask any successful commercial operator and they will tell you that fleet commonality simply makes business sense. Diamond Aircraft offers all the advantages of fleet commonality including minimized instructor standardization, rapid student transition, reduced parts inventories and maintenance training.

GLASS COCKPITS

As the lead OEM for the Garmin G1000, we are often asked about investing in glass: Should you invest in glass – that depends on what you are preparing your students for. Which is the best glass cockpit – the one that offers the maximum upgradeability and isn't obsoleted by changing hardware. Diamond is uniquely positioned to answer your questions without bias as we are the only OEM offering aircraft with a choice of Garmin, Aspen or conventional cockpit.

PROVEN FLIGHT TRAINING TRACK RECORD

Do the aircraft you are considering have a proven flight training record? If not, can you justify taking that risk? Diamond Aircraft's accumulated flight training experience is reflected in every aircraft in our fleet today.

CUSTOMER SUPPORT.

Our network of International Diamond Regional Distribution Centers provides you with easy access to the industry's most professional and knowledgeable sales representatives. They can answer any questions you may have. Our commitment to you continues long after you have taken delivery of your aircraft. Our comprehensive warranties and available all-inclusive maintenance programs inspire confidence and make ownership worry free. Adding to this we have dedicated field service reps, comprehensive maintenance seminars, an extensive network of factory trained service centers, as well as comprehensive technical and parts support – we've got you covered! No matter where you are or when you need us, we're there with you.



Fleet direct.

Interested in creating innovative flight training concepts you would not have considered possible? We are your perfect partner for the flight training of the future. Diamond offers factory sales and support for Institutional and Fleet operators. Our sales professionals and senior Management will assist you in making the best decisions regarding your fleet. Based on the type of operation you run and its specific requirements, we will offer our assistance in optimizing the type and number of aircraft required, the optimal fleet replacement, and rejuvenation strategies. We will work with your staff to ensure effective instructor training, maintenance training, parts provisioning and aircraft integration into your operation. Our field service representatives are experienced EASA or FAA aircraft engineers, instructors and pilots and are ready to support you on site.



AIRCRAFT TYPE: DA42-VI

Consumption (60%): 39.4 l/h - 10.4 US gal/hr



AUSTRO ENGINE AE300: DA42-VI, DA42 NG + DA40 NG

Operated with Jet Turbine Fuel (Jet-A1), EECU, Single lever control



DIAMOND SIMULATOR

Full size replica of the DA40 and DA42, FNPT II, Level 5/6 certified



GARMIN G1000 COCKPIT: DA42-VI, DA42 NG + DA40 NG

Advanced avionics system



AIRCRAFT TYPE: DA40 NG

Consumption (60%): 19.7 l/h - 5.2 US gal/hr

The Diamond training platform.

COMPLETE FLIGHT TRAINING

Our unique strength: aircraft and simulator from the same manufacturer. The Diamond Training Concept offers advantages for ab initio training of airline and general aviation pilots.

MEET OUR FLEET

DA42 NG, DA42-VI:

A top performer that takes you sky high: the ultra-modern, twin-engine DA42 perfectly matches stylish elegance with easy and efficient operation. Diamond Aircraft Industries has equipped the DA42 with the new AE300 engine: suitable for different types of aviation kerosene, it is powerful and economical at the same time. With the DA42 you will enjoy lower operating costs, lower fuel consumption, but also more comfort, improved power, increased performance, extended range and longer endurance – and many envious glances. Giving your students the possibility to fly on a state-of-the-art Twin Engine Trainer like the DA42, will be the USP for your students, when joining the flight line with modern airliners.

DA40 NG, DA40 Tundra Star:

Our DA40 range combines successful development with the new Jet A1-powered AE300 engine and an innovative, state-of-the-art design. Add to that excellent safety, best flight qualities, robustness, very high reliability and low operating costs. Pilots and flight schools all over the world are thrilled! On top of that, the DA40 boasts the latest in avionics, perfect panorama views, comfort and the space to encourage vacation plans or speed up your business. In short: it's the best aircraft money can buy. It is the outstanding SE training aircraft for the 21st century, which keeps you flying with jet turbine fuel in all parts of the world.

DV20 Katana and DA20-C1 Eclipse:

Ergonomically designed and fun to fly, the DV20 Katana and DA20C1 Eclipse far outshines its competitors. You'll be so enthusiastic about its perfect trainer qualities that you may want more of it! Many flight students therefore later pilot their own Katana, because it offers much more than a typical 2-seater. Sturdy, safe, reliable, but with a cutting-edge design, the DV20 Katana and DA420C1 is an exciting and economical airplane to buy and operate. Its agility and superb performance let you experience the thrill of flying. The DA20C1 Eclipse is as well available with a G500 Semi Glass Cockpit, to fit as a basic trainer before the DA40NG and later the DA42NG.

Diamond Flight Training Devices:

We build the most advanced flight simulation training devices out of authentic Diamond Aircraft parts and with real avionics. Developed in cooperation with pilots, flight instructors, simulator and aircraft engineers, all products of the Diamond Simulation range are perfectly attuned to the genuine aircraft – using the DA42 as the main design model. Whether used for basic or advanced training, this ensures that once you take off on your first flight you will know the cockpit like the back of your hand.

Joining the Diamond Aircraft family means training in a simulator and piloting an aircraft whose innovative design, state-of-the-art technology and superior power comes from a single source.

The Diamond Aircraft safety concept.



Safety Avionics: Garmin Synthetic Vision (SVT) transforms our cockpit by accurately displaying synthetic terrain, flight hazards, flight path marker and highway-in-the-sky on the PFD so that the pilot maintains excellent airborne situational awareness even when flying in conditions of reduced visibility or darkness. This results in reduced pilot workload and safer flying.



De-icing: The DA42 is the only aircraft in this class with a certified de-icing system which allows you to operate the aircraft in any weather and to fly in known icing conditions.

SAFETY TECHNOLOGY



Special "Rough Terrain Landing Gear" configuration: Bigger wheels on the main and nose landing gears, an increased wheel base, different rims, as well as special reinforcements and tougher structures give you the safety to land almost wherever you want.



Our safety cell cabin: we use all the advantages of the solid composite construction - such as unparalleled strength, stress-resistance, stability, reliability, durability and robustness, and last, but not least, cost-effectiveness - to good use in building extremely safe aircraft.

DA42 + DA40 TUNDRA STAR



Fuel System Protection: The dual spar design and aluminum fuel cells of the DA40 and DA42 protect the fuel like no other airplane that carries fuel in the wing. Many airplanes carry fuel directly behind the leading edge skin of the wing - the implications of an impact in that area are obvious!

Fuel Lines: Diamond uses TSO Stainless Steel braided fuel lines throughout the airframe, not just forward of the firewall. They are much stronger than conventional aluminum fuel tubing and allow airframe deformation without rupturing. They cost and weigh more and in our opinion are worth their weight in gold!

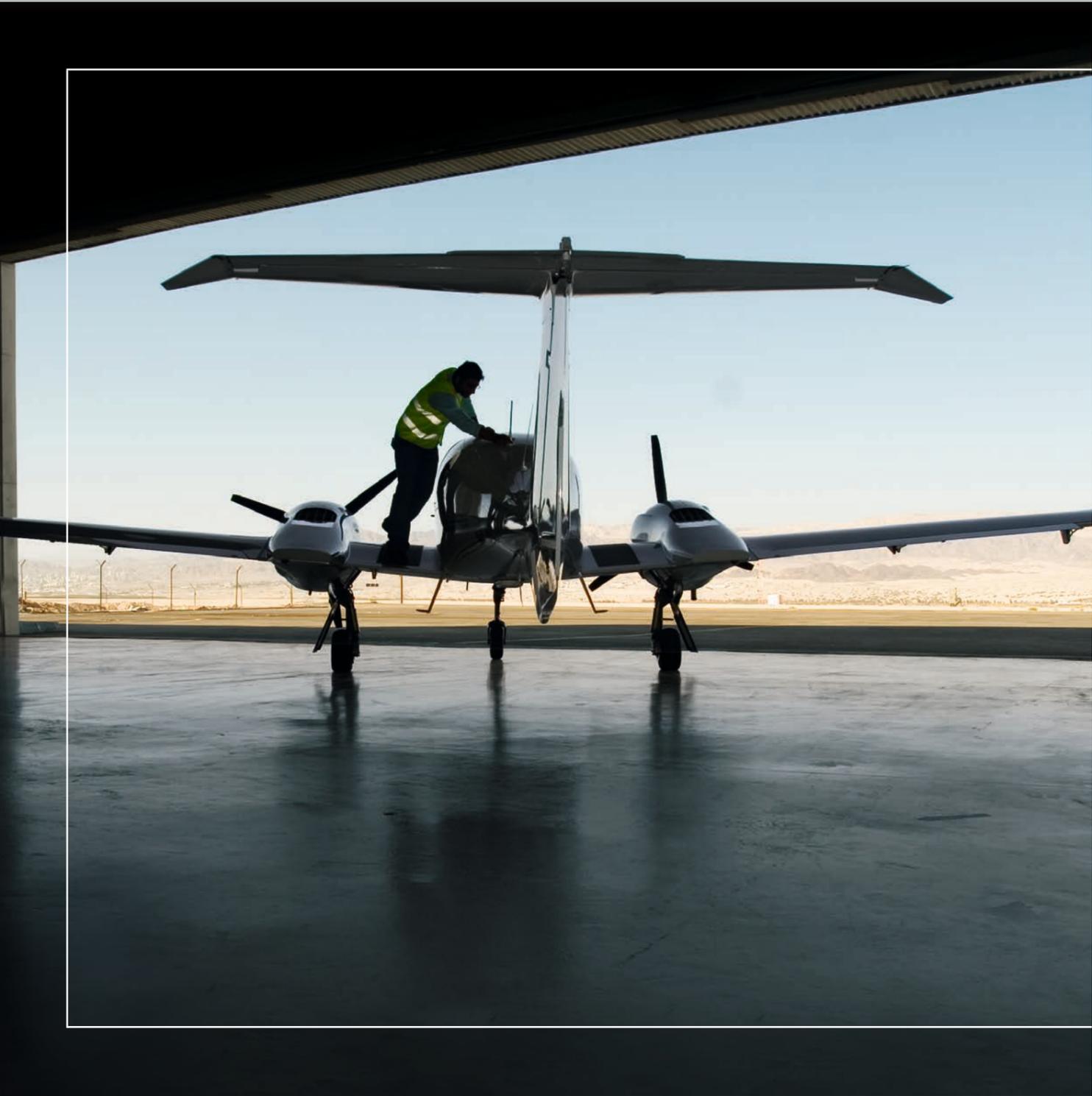


Safety development concept: Diamond Aircraft conducts full scale impact testing with instrumented Crash Test Dummies.



Damage tolerant airframe:
• 26g crash test • 10g flight tolerance

SAFETY DEVELOPMENT



How we make safety happen.

Like the world's best automotive companies, we believe that avoiding an accident is the best defence - this is Active Safety. Passive safety features protect you should the unexpected happen.

ACTIVE SAFETY INCLUDES:

- unparalleled visibility • agile yet forgiving flight characteristics
- superb runway performance • high crosswind capability • system and structural redundancy • the latest in avionics technology

PASSIVE SAFETY INCLUDES:

- a safety cell cabin • unobstructed headstrike zones • protected fuel systems

DAMAGE TOLERANCE

This means that during certification testing, known defects were created in structural parts to show that even with severe damage, the parts could still carry design loads.

DESIGNED FAILSAFE

Critical structures and joints, including control surface hinges, are designed such that the complete failure of a single element will still allow safe flight. That's why the DA40 and DA42 feature dual redundant spars in the wings and tail surfaces, and dual connections for all critical joints.

OCCUPANT PROTECTION

- energy absorbing seats - up to 26 g impact protection • airbag seatbelts - further energy absorption to minimize injury • „antisubmarine“ seats - seat geometry keeps occupants from sliding under lapbelt
- unobstructed headstrike zone - no sharp edges or obstructions in the area where head injury might occur • Diamond conducts full scale impact testing with instrumented Crash Test Dummies

FUEL SYSTEM PROTECTION

The Diamond Aircraft DV20, with its aluminum aft fuselage mounted fuel tank is designed to protect the fuel as well as it protects the occupants (this is current state of the art in automotive applications). The dual spar design and aluminum fuel cells of the aircraft types DA40 and DA42 protect the fuel like no other airplane that carries fuel in the wing. Many airplanes carry fuel directly behind the leading edge skin of the wing - the implications of an impact in that area are obvious!

Diamond uses TSO Stainless Steel braided fuel lines throughout the airframe, not just forward of the firewall. They are much stronger than conventional aluminum fuel tubing and allow airframe deformation without rupturing. They cost and weigh more and in our opinion are worth their weight in gold!



GPS NOT APPROVED FOR WAAS OPERATIONS

LIGHTS

INSTRUMENT FLOOD LANDING TAXI POSITION STROBE

EMERGENCY



APPEL 512

NAV HDG

LH ENGINE WATER ECU A WATER ECU B ALTERNATOR

NAV HDG CRZ BARO RANGE PAN MENU PROC CLR ENT FMS

COM TEL SPKR PA CLR ENT FMS

NAV HDG CRZ BARO RANGE PAN MENU PROC CLR ENT FMS

NAV HDG CRZ BARO RANGE PAN MENU PROC CLR ENT FMS

NAV HDG CRZ BARO RANGE PAN MENU PROC CLR ENT FMS

NO SMOKING LH MAIN BUS COM GPS/NAV WPCB ENG INST

LH ECU BUS ECU A ECU B

START LEFT START RIGHT

ELECT MASTER AIR MASTER

LANDING GEAR UNSAFE LEFT RIGHT

FUEL PUMPS LH ENGINE FUEL PUMP A FUEL PUMP B

FLAPS

AP DISC CRZ AP TRIM PTT

AP DISC CRZ AP TRIM PTT

THROTTLE LEVER

Yoke

Yoke

References for flight schools and fleet operators (A - J)

Country	Company
ALGERIA	• Aviation Training School
AUSTRIA	• Austrian Aviation Academy • Diamond Executive Club • JW Flighttraining Graz • Watschinger Flugbetrieb
AUSTRALIA	• Flight Training Adelaide • Australian Wings Academy
BELGIUM	• CAE Global Academy
CHINA	• Civil Aviation University of China • Hainan Airlines • Shenzhen Airlines
ETHIOPIA	• Ethiopian Airlines
FINLAND	• Aeropole Flight Training • Finnish Aviation Academy • Patria Pilot Training
FRANCE	• Airways Formation • Cannes Aviation • École Nationale de l'Aviation Civile (ENAC) • ESMA Aviation Academy
GERMANY	• Air Alliance Flight Center • IKON Ausbildungszentrum für die Luftfahrt • Pilot Training Network – Subsidiary of Lufthansa Flight Training
GREECE	• Egnatia Aviation
ICELAND	• Keilir Aviation Academy
INDIA	• CAE Global Academy – NFTI Gondia • Indira Gandhi Rashtriya Uran Akademi (IGRUA)
ITALY	• Urbe Aero • Profesione Volare
JORDAN	• Ayla Aviation Academy

References for flight schools and fleet operators (M - T)

Country	Company
MALAYSIA	• Asia Pacific Flight Training • HM Aerospace – CAE Global Academy • International Aero Training Academy (IATAC)
MALTA	• Flight Training Malta
MOROCCO	• Royal Air Maroc Academy (RAMA)
NEW ZEALAND	• CTC Aviation Group • Massey University
RUSSIA	• Higher Aviation School Ulyanovsk • St. Petersburg State University of Civil Aviation
SAUDI ARABIA	• Saudi Aviation Flight Academy
SOUTH KOREA	• Cheongju University • Chodang University
SPAIN	• Centro de Estudios Superiores de la Aviación (CESDA) • FTE Jerez
SWEDEN	• Airways Flygutbildning • Diamond Flight Academy • Scandinavian Aviation Academy • Svensk Pilotutbildning
SWITZERLAND	• Avilu Flight Training • Flight School St. Gallen/Altenrhein • Swiss Aviation Training
TAIWAN	• Apex Flight Academy • EVA Airways Flight Academy
THAILAND	• Bangkok Aviation Academy, • Civil Aviation Training Centre (CATC) • International Aviation College • Nakhon Phanom University (NPU)
THE NETHERLANDS	• Dutch Flight Academy • Martinair Flight Academy
TUNISIA	• Safe Flight Academy



References for flight schools and fleet operators (T - Z)

Country	Company
TURKEY	<ul style="list-style-type: none"> • Atlasjet – Atlantic Flight Academy • Ayjet <ul style="list-style-type: none"> • Turkish Airlines
UKRAINE	<ul style="list-style-type: none"> • Rotor Ukraine
UNITED ARAB EMIRATES	<ul style="list-style-type: none"> • Fujairah Aviation Academy <ul style="list-style-type: none"> • Horizon International Flight Academy
UNITED KINGDOM	<ul style="list-style-type: none"> • Atlantic Flight Training • CTC Aviation Training <ul style="list-style-type: none"> • Stapleford Flight Training
USA	<ul style="list-style-type: none"> • CAE Global Academy • CTC Aviation Training • CTI Professional Flight Training • EVA Airways Flight Academy <ul style="list-style-type: none"> • Embry Riddle Aeronautical University • National Flyers Academy • Phoenix East Aviation • Utah Valley State College

The list has an extract character and does not show all operators of Diamond A/C flight training products. We as well honor the numerous smaller FTO's operating Diamond Aircraft, and are proud of their success with our product.

References for authorities (A - Z)

Country	Authorities
FRANCE	<ul style="list-style-type: none"> • Armée de l'air – French Air Force
INDIA	<ul style="list-style-type: none"> • Indian Air Force
THAILAND	<ul style="list-style-type: none"> • Royal Thai Air Force
USA	<ul style="list-style-type: none"> • United States Air Force Academy Training

The Diamond Integrated Training System.

Your complete flight training suite for the future!

FOCUS ON THE TRAINING AND DON'T WORRY ABOUT RESSOURCES REQUIRED.

In the coming years the strain on training organisations preparing new pilots for their jobs in the airlines worldwide will be enormous. Organisations predict severe shortages of aviation professionals, especially pilots. But adequate staffing is the key for an airlines success. Training organisations will be faced by the direct economic pressure from the airlines to provide pilots trained to high standards in shorter time and at increased rates. This is the time for the right partner to provide a complete training system or selected parts thereof to the training organisations which in turn can focus on their primary task: Train the best pilots!

YOUR PATHWAY TO SUCCESS: THE DIAMOND INTEGRATED TRAINING SYSTEM.

Based on the needs of training organisations, Diamond Aircraft, Diamond Simulation and Diamond Maintenance can offer you care-free products and services leading your training facility to success in quality, reliability and economy of the operation. With these products and services you are able receive a complete flight training suite consisting of highly compatible components virtually out of one hand.

TRAINING INFRASTRUCTURE DEVELOPMENT AND SCALING.

Regardless if you are an established training organisation or newcomer, our specialists can analyze what resources in which combination are required for the scope of your training operation. A wide

experience in this field allows us to identify exactly what is needed to run operations smoothly and with high reliability allowing high utilisation rates of the procured aircraft and synthetic training devices.

BASIC, INTERMEDIATE AND ADVANCED TRAINING AIRCRAFT FLEET.

With the fleet spectrum from DA 20 to DA 40 and DA 42 the DITS covers all phases of flight training up to the level of commercial, multi-engine instrument flight. This range of training aircraft provides you with exceptional fuel economy and superior training effectiveness. With this setup new pilots will have a smooth transition into commercial aviation or airline operations. Glass cockpits are available for the entire fleet and all automation levels can be trained on the intermediate and advanced level aircraft. This is accompanied with a variety of options for Advanced Airline Trainer (AAT) packages available.

MAINTENANCE AND AIRWORTHINESS MANAGEMENT.

Diamond Maintenance is a specialist in providing maintenance services and Continuous Airworthiness Management Organisation (CAMO) services directly at our production facility or, probably mostly important for you, through field offices. The complete set of services can be provided by flexible arrangements between the operator and Diamond Maintenance utilizing state of the art maintenance management techniques and software solutions.

DOCUMENTATION AND SUPPORT.

Product support is available on a continuous basis through our specialists. Direct access to all kinds of documentation is available through our homepage at all times without any restrictions.

MAINTENANCE AND INSTRUCTOR TRAINING.

Maintenance training and flight training specialists can provide any training regarding Diamond products required for your staff. Training services are mainly available at our main facility but can be deployed for many of the training activities. Most courses are conducted on a scheduled basis but special arrangements are available.





Our Advanced Airline Training package.

The tool to train the next generation of aviation professionals!

MEETING THE CHALLENGE.

Thousands of new aviation professionals, a huge part thereof pilots, have to be trained in the next decade and thereafter in order to fulfil the demands of the worldwide air transport system. The training departments of airlines and the training organisation taking over the task to train their future pilots, face a new challenge. This challenge is not limited to the areas of the required speed and limited budget but increasingly in the area of the necessary high quality of future pilots and the reliability to deliver them to the flight line in time in the right numbers.

MATCHING YOUR TRAINING AIRCRAFT FLEET WITH A CHANGING TRAINING STRUCTURE.

Operating complex and highly automated transport aircraft in a more and more dense environment of also growing complexity, is calling for new approaches to flight training. Advanced flight guidance, glass cockpit and CRM are nowadays standard elements of a pilot's profession. Much has been done in the last decade regarding the Multi Pilot Licence (MPL) by organisations, authorities and the industry. But further development is required and under way affecting training methods and syllabi of the future, e.g. competence based training and implementation of threat and error management principles, only to name a few. The question is now: Is your current training aircraft fleet capable of delivering what is required for the future?

THE DIAMOND ADVANCED AIRLINE TRAINING PACKAGE

We at Diamond Aircraft have analyzed the training needs of futu-

re airline pilots together with the operational needs of the training organisations offering high quality training. This was done with the goal to deliver new pilots airline ready to their first type-rating on a transport category aircraft and the following initial operating experience. We have come up with a set of improvements and modifications available in any standard Diamond aircraft together with a variety of options contained in the Advanced Airline Training (AAT) package. This package enables you to implement airline procedures and the respective operational realism from the first hour of your training program. From the very beginning student pilots are enabled to develop the right psycho-motoric, cognitive, strategic and tactic skills which can be easily transferred into the cockpit of an airliner.

GLASS COCKPIT AND FADEC CONTROLLED ENGINES.

While the G500 avionics, available for the DA-20, and the G1000 avionics, as a standard for the DA40 and DA42, can be found in many aircraft, the combination with the FADEC controlled AE-300 Jet-A1 engine in the NG series puts you right in the seat of a jet airliner. The AAT package contains the Garmin Synthetic Vision option which not only gives you a 3-D view of terrain and traffic but offers a wider pitch spread on the attitude indicator and a Flight Path Vector (FPV) indication for precise attitude flying. Speed bugs, bugs for altitude, vertical speed and heading together with HSI, multiple CDI, constant wind vector and ground track display train the specific skills and behaviours required. This effect is enhanced by the single lever controlled engines in the NG aircraft with a jet like





power management. No unnecessary behaviours and skills (e.g. handling prop, mixture or cowl flaps) have to be dealt with, leaving space for more important training contents.

ADVANCED FLIGHT GUIDANCE AND MCC CAPABILITY.

New training curricular or schemes like the MPL programmes require the acquisition of proper skills in shorter time. These skills include the integration of automation and the work in a multi pilot environment. With the DA 40 and DA 42 equipped with the GFC 700 automatic flight control system you are able to demonstrate and train all levels of automation from “guided manual” up to “managed auto”. The G1000 can be configured so that a real multi pilot cockpit environment can be created for your advanced training phases.

STANDARD OPERATING PROCEDURES AND FLIGHT PATTERN.

While all transport category aircraft are delivered with guidance for the development of Standard Operating Procedures (SOP) and flight pattern for different flight phases or maneuvers under normal and abnormal conditions, general aviation aircraft used for flight training usually lack this kind of documentation. This leaves every training organisation which wants to train for an airline to draft their own set of procedures. This in turn is usually costly and time consuming if done properly. The Diamond AAT package includes factory endorsed SOPs for normal and abnormal operation, pitch power tables and flight pattern diagrams based on airline operating procedures.

COCKPIT ORGANISATION AND CREW INTEGRATION.

An organised workplace, the management of sheets, charts, documentation and flight briefing packages together with the associated communication and team work, form the basis of efficient cockpit work and the safe conduct of a flight. Student pilots must

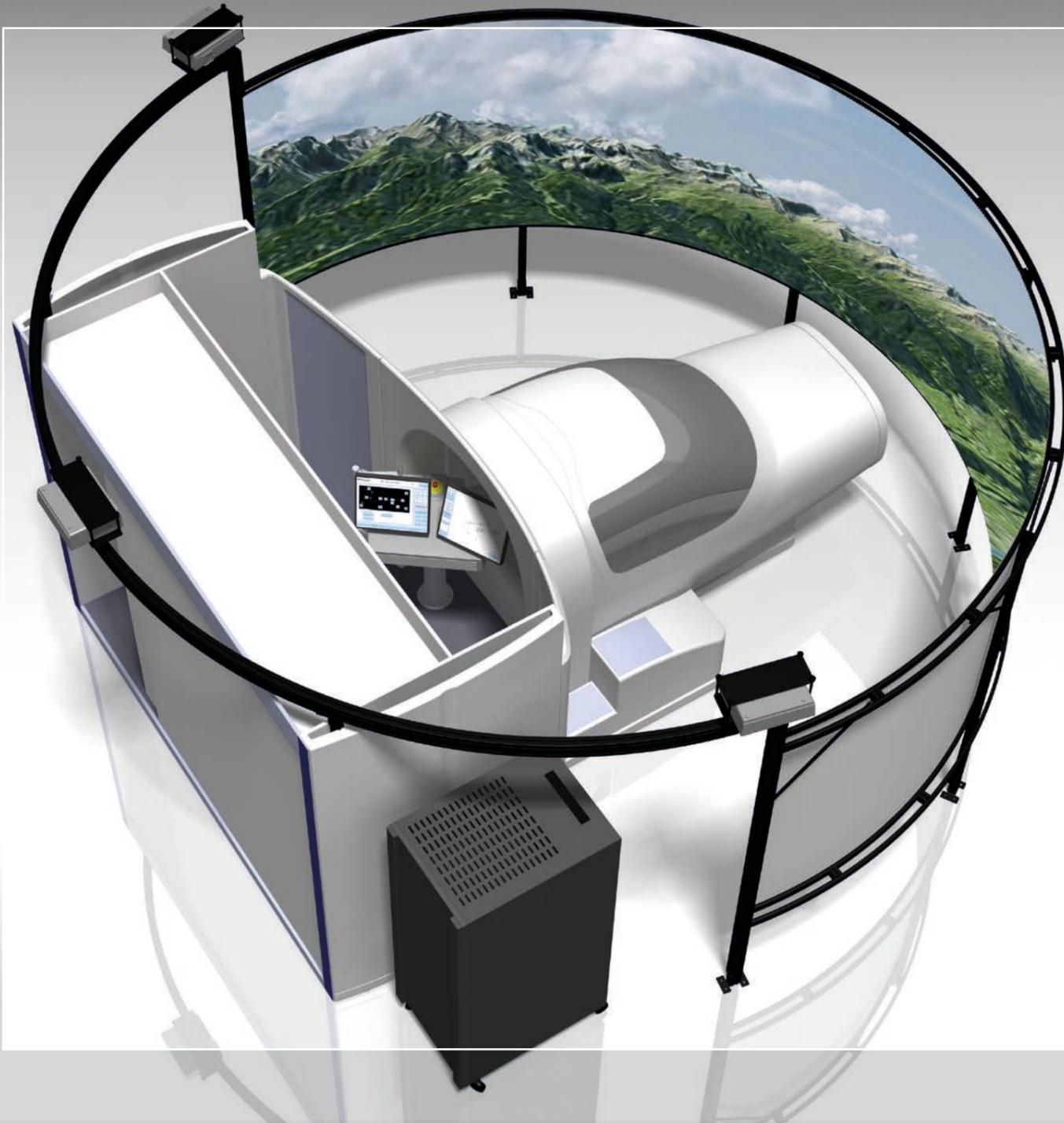
be acquainted with these concepts from the very beginning. Our training aircraft offer an integrated system of checklists (hardcopy and/or electronic), Quick Reference Handbooks (QRHs) and space for take-off data sheets etc. This is accompanied with stowage facilities for operational flight plans and briefing packages as well as for other documentation required to be handy on board (AFM etc.). Full rear seat intercom and ATC communication facilities allow the integration of an observer or additional crew member in the training process.

FLIGHT TRACKING AND LESSON REVIEW.

In order to enhance flight safety and for the effective and quick review of flight lessons by student and instructor, the AAT package contains options for a digital flight data recorder and a cockpit video recording installation. Data can be transferred by data storage devices or wireless applications directly into the briefing room allowing real time critique and adequate feedback on student performance.

HARDWARE OPTIONS AND IMPROVEMENTS.

Data and experience from our flight training customers is constantly retrieved and analyzed. This leads to a constant flow of improvements in our products. The certification of higher allowable weights and a decrease in empty weights was conducted on some models to enable especially training organisations to profit from higher operational flexibility and higher cruise speeds. Together with the unprecedented fuel economy of our NG models we can offer you training efficiency unmatched in the industry. Hardware options include durable interior materials, protective surfaces around service openings and refuelling ports, storage provisions for equipment etc.



GLOBAL CANVAS image generator for the Diamond Simulator



Diamond Simulation

Get ready for reality.

As aviation pioneers we are used to going beyond the expected and have taken flight training to the next level. Only Diamond Aircraft offers a complete line-up of type-specific flight training simulators. Operators and students alike benefit from economical practice time, including honing skills for emergency situations that can be scheduled irrespective of weather conditions. Built with real avionics, high-end visuals and sophisticated instructor operating stations, our Simulators increase safety, efficiency and effectiveness plus offer a cleaner, greener way to train.

Professional flight training organizations that have chosen Diamond Aircraft:

„We are extremely pleased that we chose the DA20 for our contract to train U.S. Air Force pilot and combat systems officer candidates. The Air Force is very impressed with the DA20's superb safety features, wonderful handling characteristics and outstanding fuel economy. Our mechanics love the durability, reliability and ease in maintaining this aircraft.. major components are easily accessible and the engine is simple to maintain. The DA20 has exceeded our expectations!“

*Kenneth Smith
President of Doss Aviation*

“We believe in Diamond as the flight training platform of the future. Our local pilot customers are excited at being able to fly one of the most modern fleets in the industry.“

*Peter Anderson,
President of Galvin Flying Services*

“We believe the DA42 represents the leading edge of technology, safety, and performance for our students and instructors.“

*Frank Ayers,
Embry-Riddle, Chairman of the Flight Department*

“No other manufacturer has a similar fleet line-up. The Diamond fleet offers a smooth transition from the 2-seater, to the G1000 glass cockpit equipped four-seaters, and the twin engine DA42. Combined with the seamless integration of professional level simulation, we can offer students world class training experience and almost guaranteed success.“

*Carsten Sturm,
Europe-American Aviation*



Contact us today at +43 2622 26700

Or find your local Diamond distributor online at www.diamond-air.at

For more information about Diamond Aircraft (international), visit www.diamond-air.at

For more information about Diamond Aircraft (North America), visit www.diamondaircraft.com

For more information about Austro Engine, visit www.austroengine.com

For more information about Diamond Airborne Sensing, visit www.diamond-sensing.com