



Adventia

European College of Aeronautics

Intensive Program

INTEGRATED

AIRLINE TRANSPORT PILOT

Course

2024



CONTENTS

The Integrated

Aimed at
Admission profile
Modality

Admission requirements
Medical Examination Centers
Career Outings
Syllabus
Steps to take
Price

Equipment

Flight Trainers
Certified Simulators
Continuous training
Student Club
Other services

About us

Quality
Maintenance
Salamanca
Location



SCHOOL

A Different

The current aeronautical environment, in which the need for pilots for the survival of the current flight structure around the world is more than evident, means that the airline industry enjoys very good forecasts for the future. Boeing's annual studies, for example, estimate that 649,000 commercial pilots will be needed in the next 20 years. Just in Europe, 143,000 commercial pilots will be needed, while Asia will be the continent that

will require the most employment, with a total of 252,000 pilots. Within its training offer, Adventia has developed the Integrated Airline Transport Pilot Course. An intensive course aimed at obtaining the pilot license, in accordance with the EU-FCL ATPL (A) regulations, having the corresponding approval from the AESA (State Aviation Safety Agency).

Bet on your education
Bet on your future





#1 University degree



100% teaching in English



#1 Reserved Airspace



#300h certified practices



#1 Maintenance



#1 in Safety



AESA peripheral headquarters



#Mentoring



#Student Club



#AlumniAdventia



ADDRESSED TO

This Integrated Course is aimed at future pilots who want to obtain a license in accordance with the European EU–FCL regulations. This qualification is what airlines currently require to join their crews.

ADMISSION PROFILE

Bachelor of Science and Technology (Recommended)

Previous University Studies or Higher Degree

Work experience

It is recommended to have completed a Baccalaureate in Science and Technology, or to have knowledge in Mathematics and Physics at this level. If this is not the case, it is recommended that you make up for this lack with support in the subjects of mathematics and physics.

It is also advisable to have a fluent level of English, since the course will be taught in this language, a level equivalent to B2 being recommended.

PROGRAM MODALITY

- 20 months (approx.)
- **Training in English.** Both theoretical and practical courses are taught in English to facilitate the subsequent job placement of our students, with the School providing the material and human resources to reach the required language level.
- **In person.**
- **Compulsory attendance.**



ADMISSION REQUIREMENTS

- High school diploma.
- Aeronautical Medical Examination Class 1 Initial.

ACADEMIC REQUIREMENTS

Prove that you are in possession of any of the following:

- High School Diploma (or equivalent).
- Apostilled title.

Accreditation issued by UNED. Conditional registration flyer or approval credential. Homologation credential or equivalence certification issued by the Ministry competent in this matter.

If the academic requirement is not met, the student will be specifically evaluated on their knowledge of mathematics, physics and English to check their level of these subjects in order to take advantage of the course.

MEDICAL REQUIREMENTS

The student must have passed the Initial Class 1 Aeronautical Medical Examination before enrolling.

Our recommendation is that all interested students do this before April.

You can consult the authorized centers in Spain here:

<https://www.seguroaerea.gob.es/es/ambitos/licencias-y-medicina-aeronautica/medicina-aeronautica/centros-medicos-aeronauticos-acreditados>

If you are a foreigner, remember that only medical examinations issued in European Union countries are valid, following a request for approval from AESA. If not, you have to carry out this procedure in Spain.

AERO-MEDICAL EXAMINATION

Guidelines to follow: 5 basic points that you should take into account

- This medical examination can ONLY be done in centers authorized by AESA.
- The management of appointments with the Aero-medical centers is done directly by the interested party. If you have any problems getting an appointment, let us know so we can help you.
- Ideally, you should do this aero-medical examination before the month of May. Do not leave it until the end of the course and the summer months, since the Aero-medical centers usually have scheduling problems, and without this medical exam you will not be able to enroll.
- The duration of the medical exam is usually one morning or one afternoon, depending on the center.
- If you wear glasses, you must bring your most recent prescription from the last six months. And if you are taking any medication, you will have to bring the corresponding prescription or medical report.

If you have any questions, do not hesitate to contact us by phone 923 041 011 / 693 618 754 or by email info@adventia.org

SEVILLA

CMA TRIANA, S.L.

Cita previa: 954 961 270
aeronautica@cmatriana.com
Coste: 560 euros

MÁLAGA

ALBORÁN CENTRO MÉDICO

Cita previa: 951 463 042 - 635 766 961
info@alborancentromedico.com
Coste: 650 euros

CANARIAS

CENTRO MÉDICO LA CUESTA

Cita previa: 922 650 004
Coste: consultar

PALMA DE

TECSALUD

Cita previa: 971 751 414
tecsalud@tecsalud.es
Coste: 425 euros

MALLORCA



MADRID

C.I.M.A.

Cita previa: 916 275 810
Coste: 406 euros

IBERIA

Cita previa: 915 874 500 y 915 874 550
cma@iberia.es
Coste: 500 euros

HOSPITAL DE DÍA PÍO XII

Cita previa: 913 531 510
cima@hospitalpioxii.com
Coste: 600 euros

GABINETE MÉDICO VELÁZQUEZ (E-AMC-1015)

Teléfono: 915 777 773 / 915 777 774
agendacema.gmv@hmospiales.com
Coste: 500 euros

BARCELONA

DIAGNOSIS MÉDICA

Cita previa: 932 171 700
Coste: 500 euros

SOCIEDAD SALUT VALLÉS S.L.

Policlínica Torreblanca
Cita previa: 935 891 888
Coste: 500 euros

CENTRE SANITARI CAN MORA

Cita previa: 935 894 344
csanchez@centrecanmora.com
Coste: 460 euros

VALENCIA

SERMESA

Cita previa: 963 134 111
sermesa@sermesa.es
Coste: 640 euros

BILBAO

MEDICAL CREW

Hospital QUIRON SALUD BIZKAIA
Cita previa: 604914223 (WhatsApp)
info@medicalcrew.eu
Coste: 650€

Información actualizada en:

<https://www.seguridadaaerea.gob.es/es/ambitos/licencias-y-medicina-aeronautica/medicina-aeronautica/centros-medicos-aeronauticos-acreditados>

PROFESSIONAL OUTINGS

Airline PILOT



Pilot TRAINING



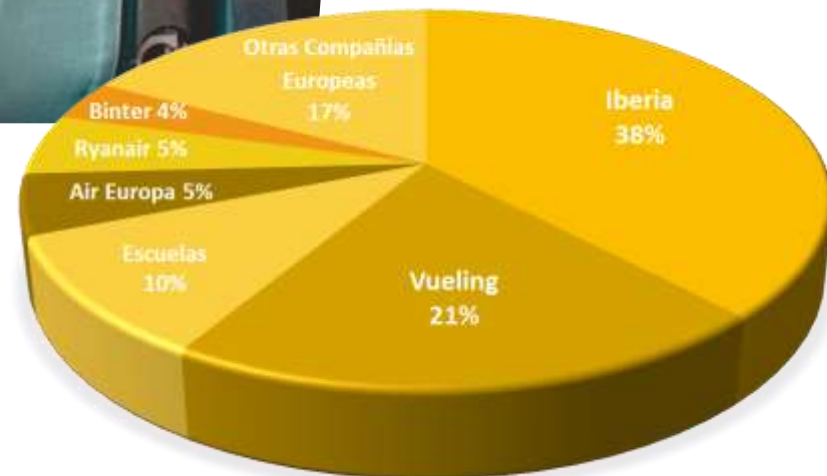
YOUR FUTURE is OUR GOAL

Training at Adventia is more than coming to obtain a flight license. Today, being an Adventia student means becoming part of a community that dates back to the ENA (National School of Aeronautics), the beginnings of civil aviation in Spain. It means becoming part of a club of experienced professionals positioned at the highest aviation standards, where the recognition and prestige of those who have passed through our classrooms are the pride of each one of them.

A place to grow as a professional and as a person. Where you will receive excellent training given by university doctors and active pilots who support the high job placement rate of our students.

The employability of its students is one of the school's priorities. Through agreements with leading companies and specific programs, we achieve solid preparation to successfully overcome the demanding selection processes of airline companies.

92%
OF STUDENTS
WORK AS PILOTS



Study Plan

Theoretical Instruction

• Air Law / ATC Procedures (FCL)	80h
• Aircraft General Knowledge (Instruments) (FCL)	80h
• Human Factors (FCL)	70h
• Meteorology (FCL)	90h
• General Navigation (FCL)	122h
• Principles of Flight (FCL)	110h
• VFR Communications (FCL)	30h
• Aircraft General Knowledge (Systems) (FCL)	170h
• Mass and Balance (FCL)	36h
• Performance (FCL)	98h
• Flight planning (FCL)	80h
• Radio navigation (FCL)	68h
• Regulations / Operational Procedures (FCL)	58h
• IFR Communications (FCL)	30h
• Local flight regulations	5h
• Tobago	31h
• Bonanza	16h
• Baron	16h
• MCC	30h



Practical Instruction

Stage	Flight		Simulator	
	Type	Hours	Type	Hours
Basic	TOBAGO	97:30h	SR-BOX	37:00h
Advanced	BONANZA BE-33	42:00h	FNPT II	20:00h
Multi-engine	BARON BE55	35:00h	FNPT II	20:00h
			Adv1000-PBN	3:00h
			A320MCC	6:00h
Specialization				
UPRT-A	UPRT-Aviación	3:00h		
MCC-APS			A320MCC	35:00h
				298:30 hours of internship

261,5h certified as real



Our own programs

PBN

To complete the Instrumental Ratings (IR), Adventia incorporates the **PBN Approach Certification** (Performance Based Navigation).

Our PBN course aims to **acquire the necessary competencies established by the European Aviation Safety Agency (EASA)** for Performance Based Navigation (GPS).

Our simulator is certified in accordance with the requirements for the delivery and proficiency test of the PBN course in addition to the rest of the training to obtain a license.

MCC-APS

Multi Crew Cooperation – Airline Pilot Standards or MCC –APS is a step beyond the MCC course. A course where you can consolidate the roles of a multi-pilot flight operation in complete safety and learn in depth about one of the most important aircraft models in the world. An exclusive course given the few simulators certified in Europe to provide this training.

This training model for future pilots has been created by airlines and EASA to ensure a standard in the training of future commercial pilots.

A safe bet for joining the Company.



Steps to take



1º Application for a place and Pre-register with Adventia



2º Carry out medical examination



3º Confirmation of Enrollment.



4º Take English Level Exam

The first

It is recommended that future students complete the medical examination before the month of May. This way they will be able to know if they can continue with their idea of becoming a pilot.

Application for a place is open all year round.

Those interested must reserve a place before 1st September, in order to confirm their achievement of the course.

Registration will be formalized in the months of September and October.

Access test

A mandatory English level test will be carried out for all new students.

Normally it takes place in the month of June. Check dates.

Integrated Program Prices

Total price 99.470€ * (PENDING UPDATE PRICES AND RATES AND 24/25)

Price breakdown:

Pre-reservation of a place €470**

File opening €25,000

Tuition fees €74,000

**The reservation of a place can be made throughout the year, the limit will be made before 1st September. This amount is part of the total price and is only refundable in the only case that the student does not pass the Medical Examination.

This offer is binding for students who formalize their registration before the informed date. Upon arrival of this date, it will be confirmed before 15th September to all those enrolled if there is a minimum number of students to carry out the course (minimum 3 students).

Out of these dates you must check availability.

Payment options:

1. Single payment (Bank transfer at the time of registration).
2. Fractional Payment (Payment by bank transfer).
3. Month to Month Payment. (Financing through Sabadell Consumer).

* Price based on registration for the 2023/2024 Integrated ATPL course, pending update of prices and fees for the 2024 course.

Adventia's tuition is determined by the fixed and variable costs that the School has, especially flight and simulation costs. The prices of the Secretary and Administration fees are not included in this registration, which are established according to the previous courses and are not included in the total price. The fees corresponding to mandatory exams carried out by the Aeronautical Authority are also excluded, as well as the costs of issuing the Commercial Pilot License (CPL(A)).

The School undertakes to formalize a contract with the student that guarantees the conditions before the start of the course.





Adventia
European College of Aeronautics

Integrated
Course

Training
Pioneers



Equipment

AIRCRAFT AND SIMULATORS

Adventia, one of the best European Schools, has an equipment perfectly adapted to the needs of quality instruction and made up of high-performance aeronautical material.

It has the most powerful **fleet** on the market, made up of different aircraft models, which adapt to each phase of the student's practical flight training.

It makes the most complete **simulator center** in Spain available to students. Different flight simulators and trainers where you can acquire practical knowledge of the maneuvers that are subsequently performed on the plane.

A key moment where the student practices and consolidates their knowledge safely and with the support of the instructor team.

THE MOST POWERFUL FLEET IN SPAIN

UNIQUE SIMULATOR CENTER IN EUROPE





AEROSPATIALE
TOBAGO
(TB10)



BEECHCRAFT
BONANZA
(F33A)



BEECHCRAFT
BARON
(B55)



FLIGHT TRAINEERS



SR-BOX
BONANZA



FRASCA
142

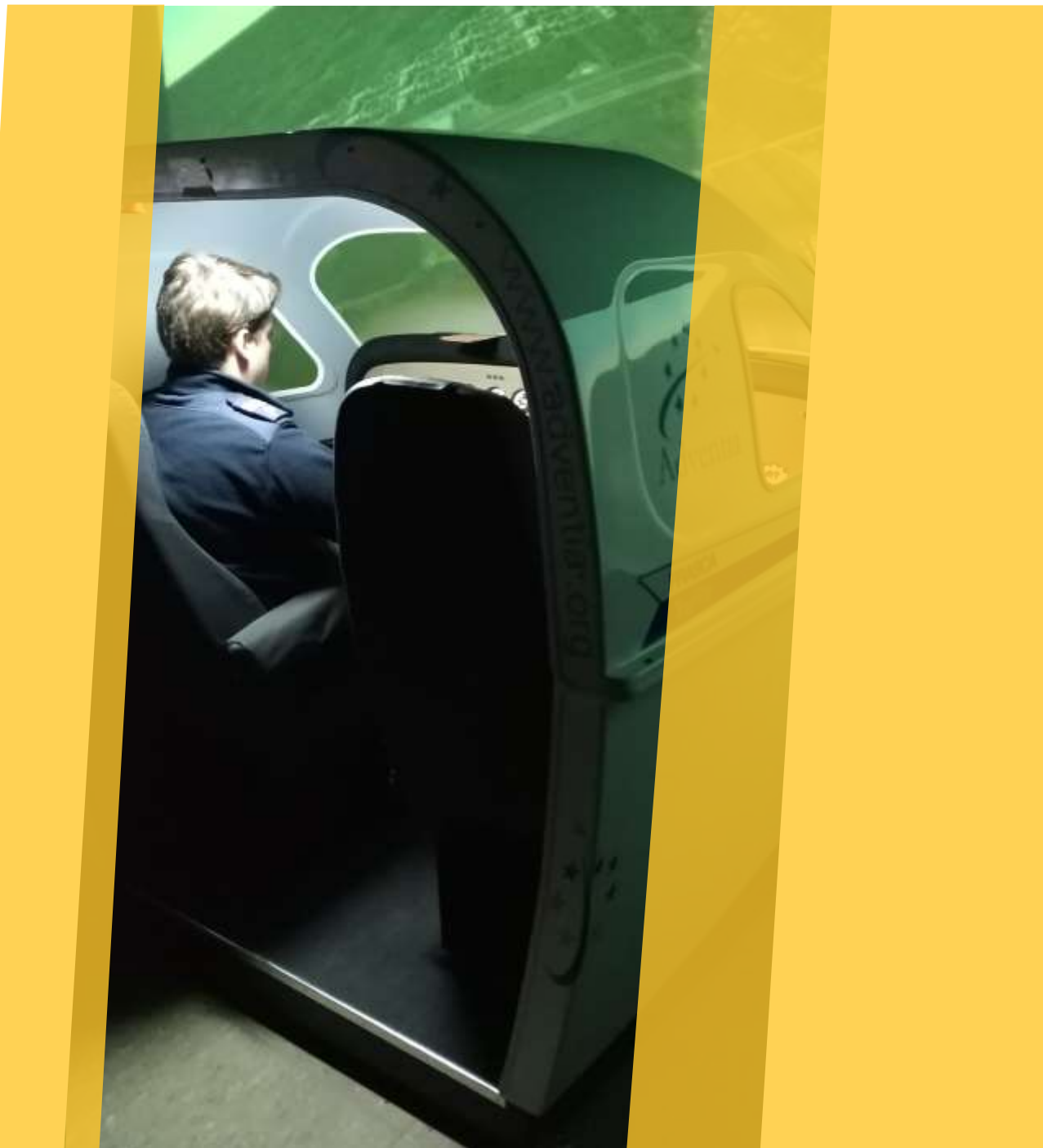


Cockpit
C-90

SIMULATOR AREA

FRASCA TRUFLITE FNPT II

The Frasca TruFlite simulator has two operating modes, both certified as FNPT II: twin-engine mode simulating BE55 Baron and single-engine mode simulating F33 Bonanza. It has a 170° visual system; controlled by 3 computers and 3 projectors. It consists of complete instrumentation for instrumental simulation, with the incorporation of a Garmin 430 GPS.



Adv1000 (FNPT II-PBN)

The Adv1000 (EN1000) simulator can be flown in four configurations. Simulates a single-engine or twin-engine piston aircraft, with either analog instrumentation or GARMIN 1000 display.

This device allows you to train instrument flight procedures for the airline transport pilot course, being able to create very complex and realistic scenarios thanks to its graphic and meteorological engine. The realistic terrain orography and detailed airports increase the level of immersion, making it an ideal tool for consolidating instrumental navigation.

Likewise, this simulator is certified to perform PBN approaches of any of the four types, in all possible configurations, allowing you to practice both LNAV-VNAV and LPV procedures, thanks to the GGTN 650 system. Garmin 1000 technology, in single and multi-engine training, will not only introduce the student to the presentation of glass cockpits, before making the jump to the A320, but will also include weather radar with terrain mapping, TAWS traffic alert system and flight path management with autopilot; in such a way that the transition between the different training phases is improved, practicing a greater repertoire of situations and introducing new systems.



A320MCC

FNPT II MCC JET

The new **A320-MCC simulator** (EN4000) can be flown in up to five configurations, single-engine or twin-engine piston, either with analog instrumentation or GARMIN 1000 display, or a twin-engine Airbus A320-type jet.

It allows you to take the cabin coordination and cooperation courses (**MCC**), necessary to access the first type rating in an airline.

It also has:

- TCAS II 7.1 traffic avoidance system
- shear warning
- weather radar with storm presentation, being able to create very complex and realistic scenarios.

The flight model is validated by test flights carried out on a real Airbus A320. The MCDU is double, based on the QRH CFM 56-5B 1.7a version, with all systems simulated.

The flights take place in an environment of realistic terrain and detailed airports, allowing all flight phases to be simulated, including taxiing, with a level of complexity identical to that of a real flight, which enables it to provide training programs under the standards of Air Company (**Airline Pilot Standards APS**).

It is certified to carry out **PBN approaches** of any of the four types, in all possible configurations, allowing both LNAV-VNAV and LPV procedures to be practiced, thanks to the GTN 650 system in the case of versions in which an A320 is not simulated. Garmin 1000 technology, in single and multi-engine training, will not only introduce the student to the presentation of glass cockpits, before making the jump to the A320, but will also include weather radar with terrain mapping, TAWS traffic alert system and flight path management with autopilot; in such a way that the transition between the different training phases is improved, practicing a greater repertoire of situations and introducing new systems.



CONTINUOUS TRAINING

The work environment and the constant variations in the market make us consider the need for our students to acquire new skills and methodologies, update knowledge and anticipate trends. For this reason, Adventia has a Continuing Training program that offers the opportunity to strengthen and expand your professional career with an offer of specific courses and workshops regarding your future as a Pilot.



STUDENTS CLUB

The Adventia Student Club is the promoter of extra-academic initiatives created for students during their training at the School. It adapts to the needs of the students to create an atmosphere of brotherhood in related activities, both on a personal level and on a professional and educational level.

The Adventia Student Club is responsible for organizing all activities for students throughout the academic year, being open to any other leisure activity proposed by them and that can be carried out by those responsible for the Club.

It also promotes the exchange of experiences between students outside the classroom.

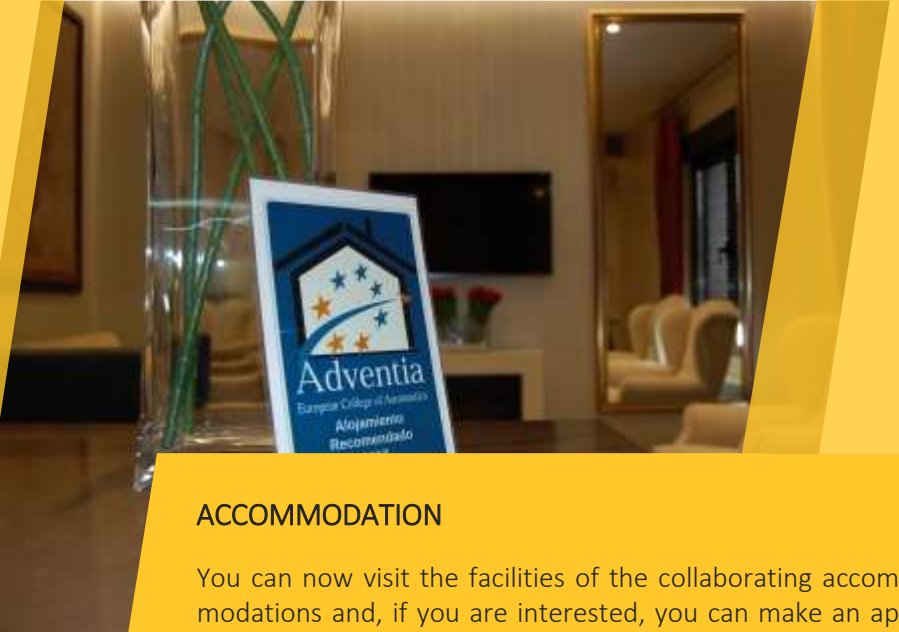
OTHER SERVICES



RESTAURANT

The Cafeteria is the meeting and leisure place of the Educational Community. It is open every school day from 10:00 a.m. until 4:30 p.m., offering cafeteria and restaurant services.

The school also has a rest area where you can drink coffee and eat a snack at any time of the day.



ACCOMMODATION

You can now visit the facilities of the collaborating accommodations and, if you are interested, you can make an appointment to visit them and obtain information so that you can formalize your registration.

TRANSPORT

Students can access this service by requesting a place from the transportation company that goes to the Matacán Airport. It can be hired for semesters or for individual trips. If you need this service, you can manage it through Student Service.





VNIVERSIDAD
D SALAMANCA

CAMPUS DE EXCELENCIA INTERNACIONAL



Adventia

European College of Aeronautics

Adventia, European College of Aeronautics has its origins in 1974, the year in which the first civil pilot school in Spain was created, the National Aeronautics School (ENA), based at the Matacán Air Base (Salamanca). Today the work undertaken by said National School continues, collecting and directly taking advantage of all its experience and with the same firm commitment to quality and excellence. In its many years of existence, under different structures, most of the pilots who today are part of the Spanish Airlines have been trained at Adventia.

Adventia, European College of Aeronautics is a school with a solid corporate structure, outstanding human and technical capital and a clear European vocation in a determined commitment to

quality teaching. Adventia is one of the first aviation schools in Europe that has the ISO 9001:2015 Quality certificate and is part of the Campus of the University of Salamanca, offering since the 2013-2014 academic year the Official Degree in Commercial Aviation Pilot and Air Operations .

Adventia has been recognized in 2012 as the best Aviation school in Europe - highlighting its privileged environment, its solid tradition and the excellent training quality - ahead of 400 other centers from 17 countries in the Report on Commercial Aviation Pilot Schools in Europe

About us





Quality



Adventia's priority objective is the highest quality in the training of Airline Transport Pilots and other aeronautical disciplines, creating an ideal teaching environment that promotes the acquisition and learning of theoretical-practical knowledge, supported by modern teaching materials, with the clear intention to achieve the level of expertise necessary to operate in commercial air transport with the maximum degree of efficiency and excellence.

From its Management, as well as from each and every one of the people who make up the human team, we work with a desire to improve and strive to achieve it.

The quality system is based on general objectives and principles that aim to achieve greater competence and effectiveness of all Adventia staff, promoting a team spirit and a motivating and collaborative climate.

The quality commitment of Adventia, European College of Aeronautics, is to obtain full satisfaction of the requirements demanded by our clients.



VNIVERSIDAD
D SALAMANCA

CAMPUS DE EXCELENCIA INTERNACIONAL



Quality Control





The best maintenance to fly with the maximum guarantees

Adventia, through the company SENASA, a company of recognized prestige in aircraft maintenance and avionics adaptations, maintains and controls the airworthiness of its fleet.

To this end, the maintenance center has two hangars of 5,700 m², and authorizations as a maintenance center, in accordance with part 145 of EC Regulation 2042/2003 of EASA, and maintenance of airworthiness management organization (CAMO) of in accordance with Part M of EASA Regulation EU 1321/2014.

In addition to complying with ISO 9001:2015 and ISO 14001:2015 standards in the field of airworthiness maintenance management, aircraft maintenance and operation, and component maintenance and repair.



Salamanca

City of knowledge



LOCALIZACIÓN



Adventia (USAL Affiliated Center)

Matacán Aeronautical Campus

Matacán Airport, Salamanca (Spain)

 [40.94169251071509](tel:+3494169251071509), [-5.498836336553965](tel:+345498836336553965)





MORE INFORMATION AT:

Student Attention Service. Admissions

