EAS BARCELONA
EUROPEAN AVIATION SCHOOL

AVIATION SCHOOL

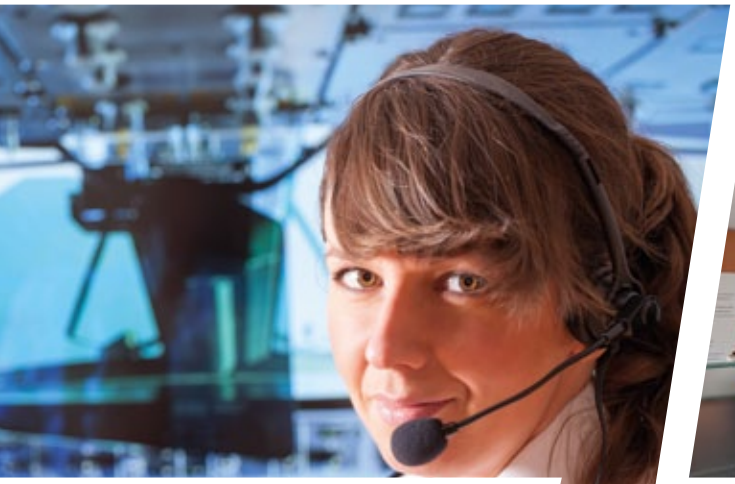
Brochure

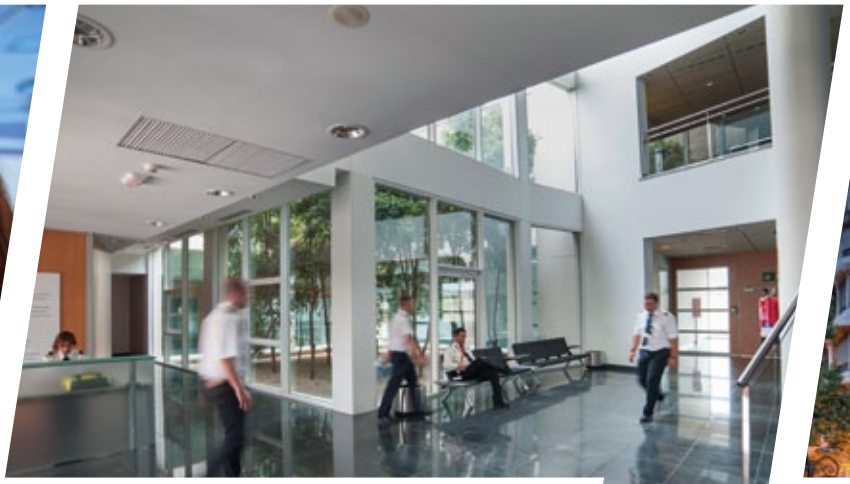
EAS BARCELONA
EUROPEAN AVIATION SCHOOL

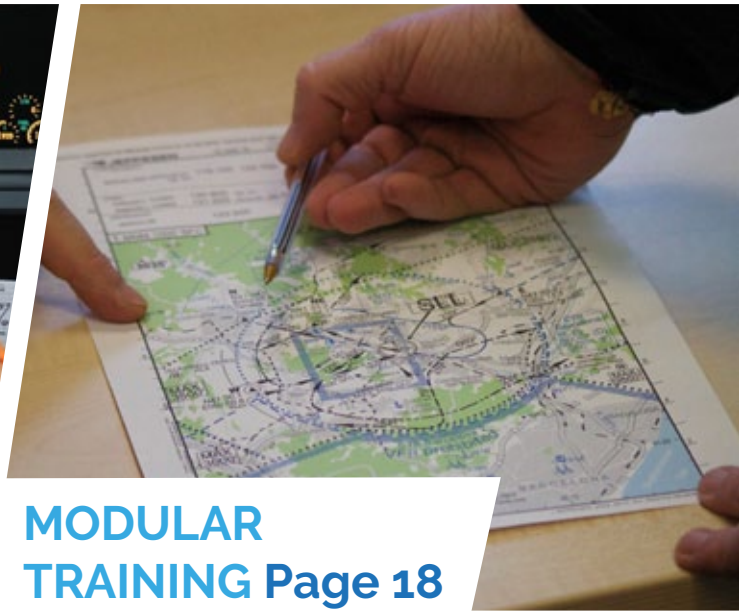
Rector Triadó, 94, Entl. 08014
Barcelona (Spain) | Tel. +34 93 250 20 20
www.easbcn.com | info@easbcn.com

EAS Barcelona is an ATO (Approved Training Organisation) approved by AESA (Agencia Estatal de Seguridad Aérea, or the Spanish Aviation Safety an Security Agency) and member agency of the EASA (European Aviation Safety Agency) for the training of both aviation pilots and cabin crew.

INDEX







WHO WE ARE

EAS Barcelona arose from the initiative of a highly-specialized and experienced team with the objective of offering aviation training at the highest level.

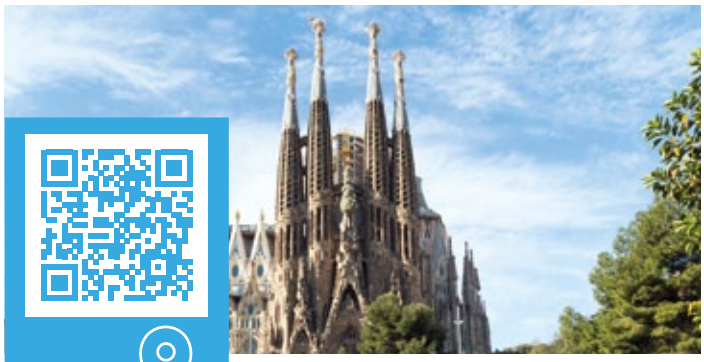
The management team of **EAS Barcelona** has more than twenty years of experience in the training and formation of pilots and cabin crew (flight attendants), having managed the largest aircraft training fleet in Europe. We also boast more than 150,000 flight instruction hours, and have proudly trained and licenced more than 1,000 pilots and 200 cabin crew members.

All of the personnel that make up **EAS Barcelona** are specialized and highly-experienced in the field of aviation training, specifically in its implementation and operation, and is highly cooperative, working together in order to positively and effectively complete all of its work.

Rector Triadó, 94, Mezzanine. 08014 Barcelona (Spain)
Tel. +34 93 250 20 20 | www.easbcn.com | info@easbcn.com

WHERE WE ARE

Barcelona



Rector Triadó street, 94
08014 Barcelona

The administrative headquarters and general mailing address of EAS Barcelona is located on **Rector Triadó** Street, next to Sants Station. All of the theoretical classes and flight simulation training are carried out at this location. Individual meetings between the student and the corresponding parties involved in the student's training in relation to their progress, verification of instructional efficiency, addressing/resolving any problems (if necessary) and periodical evaluations will also take place at this location.

Sabadell

Bellaterra road, s/n, 08205
Sabadell, Barcelona

Flight sessions are completed at **Sabadell Airport**, in which EAS Barcelona has its own office, flight tracker, flight preparation zone, flight dispatch, and private lounges for both students and instructors.

OUR MISSION AND VISION

EAS Barcelona aspires to be a training institution with wholly-satisfied students, whose students are able to obtain the best possible result in their training. EAS Barcelona intends to be a leading aviation training enterprise in Europe synonymous with quality training.

The word *quality* doesn't just sound nice, despite its misuse by countless publicity-starved individuals or organizations. Nor is quality just an expression used with the intention of praising oneself for work done in an attempt to move one step closer to excellence.

Maybe utter excellence doesn't exist, but there ought to be a certain of level of verifiers to mark the varying degrees of quality. Quality can be proven by satisfying results. In this manner, the aim of **EAS Barcelona** is that its students complete their training with the best possible results, accompanied by a wide range of skills: not just with their learned ability, but also with sound judgement, scientific knowledge, and occupational aptitude.

The **EAS Barcelona** team has achieved this for several years. All of their pilots and cabin crew that have progressed through their formal training and are flying today, are doing so with great success, in a multitude of national and international airlines.

To speak of quality is speaking, more concretely, of safety and security. One doesn't exist without the other. The matter of safety permeates every activity undertaken at **EAS Barcelona. To EAS Barcelona**, global safety requisites, which become more and more ambitious and stringent with time, and thus, more demanding, are not an inconvenient obstacle, nor a difficulty that must be overcome. Rather, they are an opportunity for

constant improvement. A basis for action, and, fundamentally, our overall purpose.

This characteristic of **EAS Barcelona** is the first unquestionable argument in recognition of quality and safety (at the highest level) as both inseparable and essential factors. In no way is it solely how we act (or how we want to act), but achieving one's objectives in this and all areas is a part of EAS Barcelona's very own DNA. It is only by extending the importance of quality and safety to everyone involved in **EAS Barcelona** at every level - be they instructors, organizers or directors – that these currently desired levels of quality and safety may be reached.

FACILITIES

The administrative headquarters and general mailing address of EAS Barcelona is located on Rector Triadó Street, next to Sants Station.

All of the theoretical classes and flight simulation training are carried out at this location. Individual meetings between the student and the corresponding parties involved in the student's training, in relation to their progress, verification of instructional efficiency, addressing and resolving problems (if necessary) and periodical evaluations will also take place at this location.

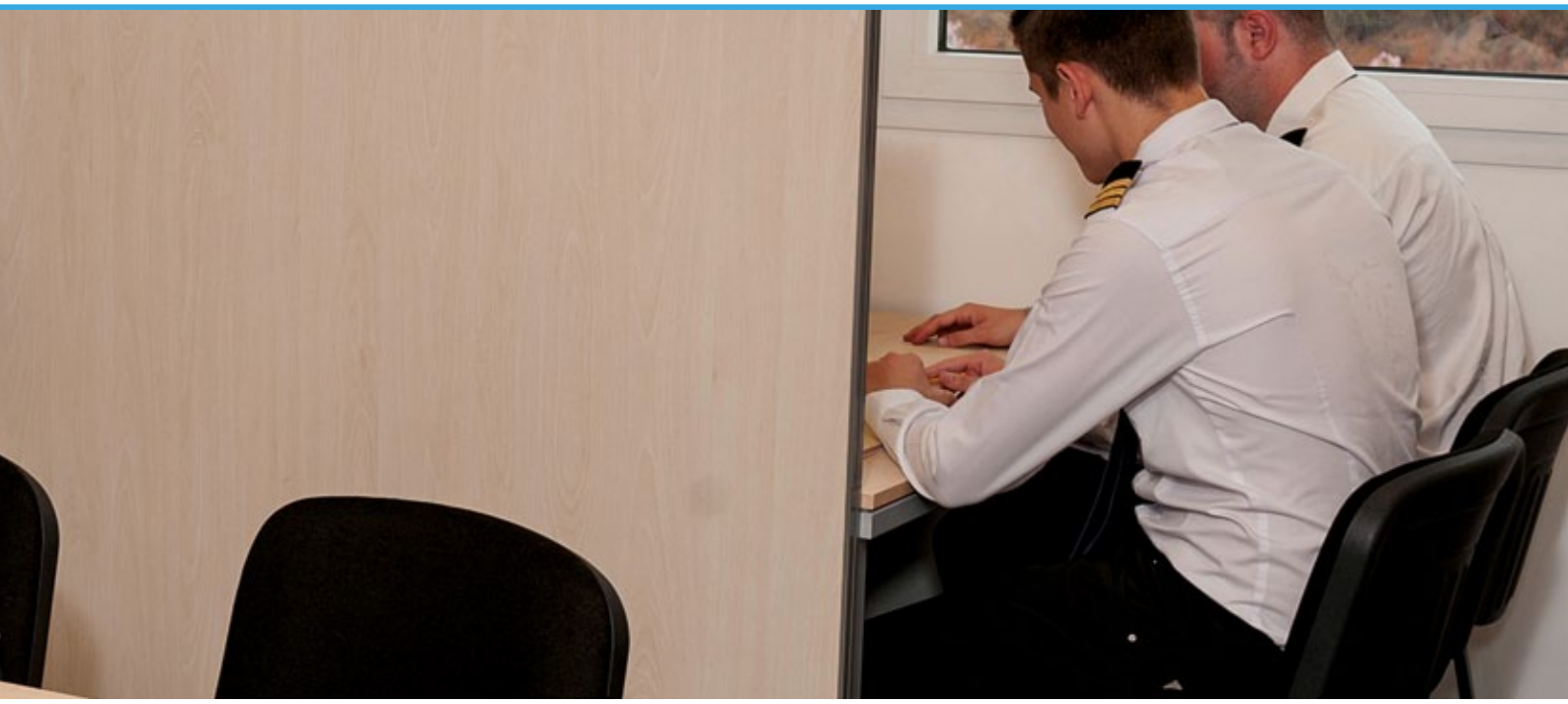
Flight sessions are completed at **Sabadell Airport**, in which EAS Barcelona has its own office and flight-tracker, flight preparation zone, and private lounges for both students and instructors.

EAS Barcelona meets the needs of all of its students in a variety of ways:

- Theoretical and flight simulation training phases in a **large city centre** (being Barcelona, Sants):

  The city's location and layout provides students with quick and easy daily access. On the contrary, other, more distant educational enterprises (ones that are NOT EAS Barcelona) force students to waste a lot of time commuting.

- Classrooms are equipped with the most **up-to-date technologies**, IT, and computer software, but also equipped for the use of more "traditional" systems. That is to say – the use of advanced technology is of utmost importance in the process of learning, but the exclusive use of said technology could produce deficiencies.
- **Radiotelegraphy (RT) Room:** Students can complete their flight simulations from individual cabins, in a shared airspace with other instructional aircraft fleets, all of which



faithfully represent actual aircraft. In another room, an instructor or controller manages the aviation space (and the flights) of aspiring pilot students in exactly the same way that real flights are controlled in real air space (anywhere on the globe).

- **Library:** Seeing as current information technology allows for the storing of thousands upon thousands of digitized books in tablet form, the library is a place of silence, providing students with the comfort and more than adequate space to read, write, sketch, imagine, and above all, put into practice all they have learned throughout the duration of the course.
- **Private Meeting Rooms:** It is absolutely fundamental that the student receives, in a regular fashion, and especially whenever desired, the orientation, assessment, and solution to any consultation or concern that may arise in regard to their theoretical training. Using our private meeting rooms, located in the same building as the classrooms, the aforementioned consultation or concern can be met and handled with immediate action.
- **Facilities for the flight phase** (room for briefings, preparation and analysis of findings, along with the flight dispatch) in the Sabadell Airport's service building: Students must be able to effectively arrange and organize all of the pre and post flight services; corresponding to both the flight school itself and those used by airport operators in air traffic control, instantly and in the best terms, for both quality and comfort. This is how the professional world works, and also how the best results are achieved - as operational as they are educational.

FLEET, AIRCRAFT AND SIMULATORS

All of the EAS Barcelona aircraft have been newly acquired, direct from the manufacturer, and are equipped with the most current control systems, engines and navigation systems.

Single-engine aircraft used are **Tecnam P2002JF**, while dual-engine aircraft are **Tecnam P2006T**

All aircraft remain in the hangar when not being flown, assuring the best possible state of conservation.

SoftekSim are the simulators in use.

EAS Barcelona has chosen the most highly-equipped fleet for the execution of their courses allowing for effective and complete training.

- **The cockpit technology of our aircraft is also equipped on current transportation aircraft:** the flight decks are made up of flight instruments and engine and navigation indicators with the same instrumentation systems on which they are prepared.


EASBARCELONA
EC-MNG

FLEET, AIRCRAFT AND SIMULATORS

- **Our aircraft:** All of the planes used for instruction and training by EAS Barcelona are acquired directly from the manufacturer. The importance of this is reflected in several ways: new aircraft are of higher quality, the result of the greatest knowledge in the field of aeronautical engineering. The planes, straight from the manufacturer, have been controlled only by responsible and competent operators before being acquired by EAS Barcelona, and are, therefore, aircraft with both the best possible maintenance and the best service history.
- **Simulators used in each phase of training::** Students of EAS Barcelona will use two types of flight simulators during the course. In the first phase, at the same time as theoretical classes and flight training are taking place, students will complete simulations that correspond exactly to the type of multi-engine aircraft that the student flies. In this manner, all of the simulated exercises fully correspond to real flight. In the last phase, at the end of the course, the **EAS Barcelona** student goes through MCC training (MCC meaning Multi Crew Coordination or Multi Crew Co-operation, additional training required to fly within a crew where the student learns procedures and operations to coordinate amongst a multi-pilot aircraft in an aircrew of at least two members), necessary for a commercial pilot licence, and used in all air travel on every airline's passenger aircraft. This MCC portion of the course uses an Airbus A-320 simulator, one of the most frequently used aircraft models in worldwide transport..

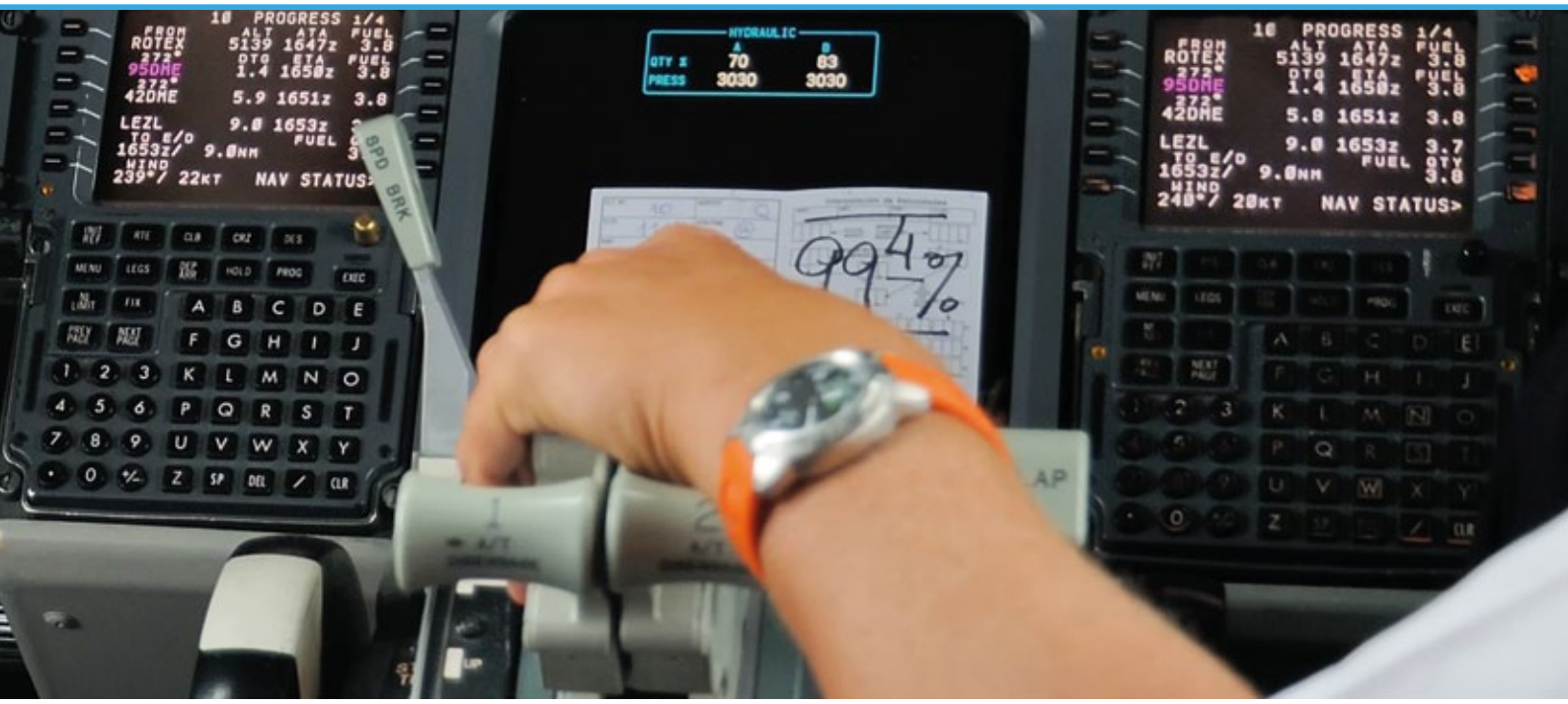

PUSH
1-2
HDG
PUSH
HDG SYNC
TOWER 118.975
LONGEST RUNWAY
05-23
8022x148
NRST FREQS
ARTCC
ROME
119.425
123.225
ATIS
LIEO 113.900
DEST APT
NO DESTINATION
AIRPORT
TIME
FLT: 01:06:11
AUTO
MAP
ALT
PA
SPKR
MKR MUTE
HI SENS
DME
NAV1
ADF
NAV2
AUX
MAN SQ
PLAY
PILOT
COPLT
DISPLAY BACKUP
CRS BARO
RANGE
PAN
MENU
FPL
PROC
CLR
ENT
FMS
TERRAIN
DCLTR
LH
FUEL

Professional Activity:

PILOTS (TECHNICAL CREW)

EAS Barcelona trains all professional levels of the crew of an airline's aircraft.

The cockpit crew of one of said aircraft is composed of a captain and a copilot (or first officer). In order to obtain one of these titles, one must meet ATO approval, by means of specific EAS Barcelona training programs through ATP (Airline Transport Pilot) courses.



ATP Course and Schedule

The **ATP (Airline Transport Pilot)** consists of three parts: the theoretical, flight simulator, and flight. Phases. These three phases of the course are not undertaken sequentially, one after the next, but simultaneously, well-coordinated and integrated for sound and effective learning. Only the aforementioned MCC (Multi Crew Coordination) training, where students are trained in the coordination between both pilots of passenger aircraft, will be conducted on its own at the end of the course.

Practice flights are completed with single-engine aircraft first, and later dual-engine aircraft, increasing the characteristics of flight, navigation and systems along the way until completing flight simulations of the A-320 in the final phase of the course.

Month	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	Hours
Ground school	ATPL theorical cours										ATPl exams			Ground MCC		950
SEP		VFR single engine flighs						Night VFR						Verif SEP		86
MEP									IFR & multi engine flighs					Flight exams		65
FNPT II		Basic FNPT		Basic FNPT				IFR & multi FNPT II flights								45
MCC															MCC FNPT II	20

SEP: *Single Engine Piston.*
MEP: *Multi Engine Piston.*
FNPT: *Flight and Navigation Procedures Trainer.*
MCC: *Multi Crew Cooperation.*
ATPL: *Air Transport Pilot.*
VFR: *Visual Flight Rules.*
IFR: *Instrumental Flight Rules.*

Note: The course represented in this schedule deals with full weeks of study without interruptions. The normal working calendar, given its statutory holidays, makes the approximate duration of the course 18 months.

Professional Activity:

MODULAR TRAINING

Commercial pilot training can also be done in a modular way in those cases when applicants do not have enough time to attend ATPL(A) integrated course.

Total duration of training will always depend on the necessary time to pass the theoretical exams and the time needed to do all the flight hours required. However, it is estimated that the total duration is 24 to 36 months.

TRAINING PROGRAM	PPL			TIME BULDING	VFRN		ATPL		MEP		IR-ME			CPL	
	Theory	Flight Training	AESA Exam		Theory	Flight Training	Theory	AESA Exam	Theory	Flight Training	Theory	Flight Training		Flight Training	
TRAINING HOURS	125	45 SEP	9 Exams	100 SEP	10	5 SEP	650	14 Exams	7	6 MEP	20	15 MEP	40 FNPT II	9 SEP	6 MEP
DURATION	**24-36** (the actual duration depends on student´s performance and ability to pass CAA exams on time)														

Rector Triadó, 94, Mezzanine. 08014 Barcelona (Spain)
Tel. +34 93 250 20 20 | www.easbcn.com | info@easbcn.com

Professional Activity:

COURSES FOR AIRLINES

EAS Barcelona also offers specific courses for airlines that cover crew training.

Cadet program

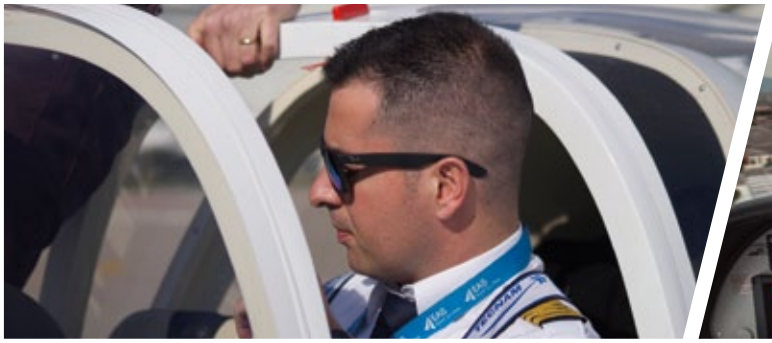
According to airlines requirements, ATPL(A) integrated courses are offered for student groups previously selected for Airlines. In these courses, students from any country come to EAS Barcelona to train as a future airline pilots.

Flight attendants

Cabin Crew means those professionals present in aircraft cabin dedicated particularly to passengers' security as well as the flight comfort and normality from passengers' perspective. They are professionals who are also called assistant, flight attendant or, generally, flight crew.

Training for other ATOs (Approved Training Organizations)

EAS Barcelona also collaborate with European ATOs that, due to meteorological conditions in its countries or flight hours demand, want to do part of its training in Spain. For that purpose, EAS Barcelona offers both flight operation logistics (operations room, briefing rooms and simulators) and accomplishment of different flight phases according to syllabus of the ATO itself.



AERONAUTICAL SECTOR

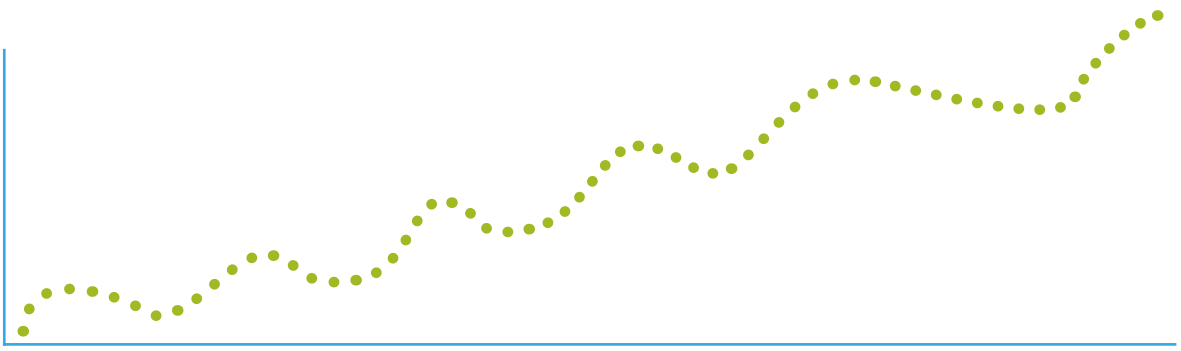
Sector Performance And Work Opportunities

The aeronautical sector is one in constant growth, thanks almost entirely to the ever-heightening need for mobility in today's society.

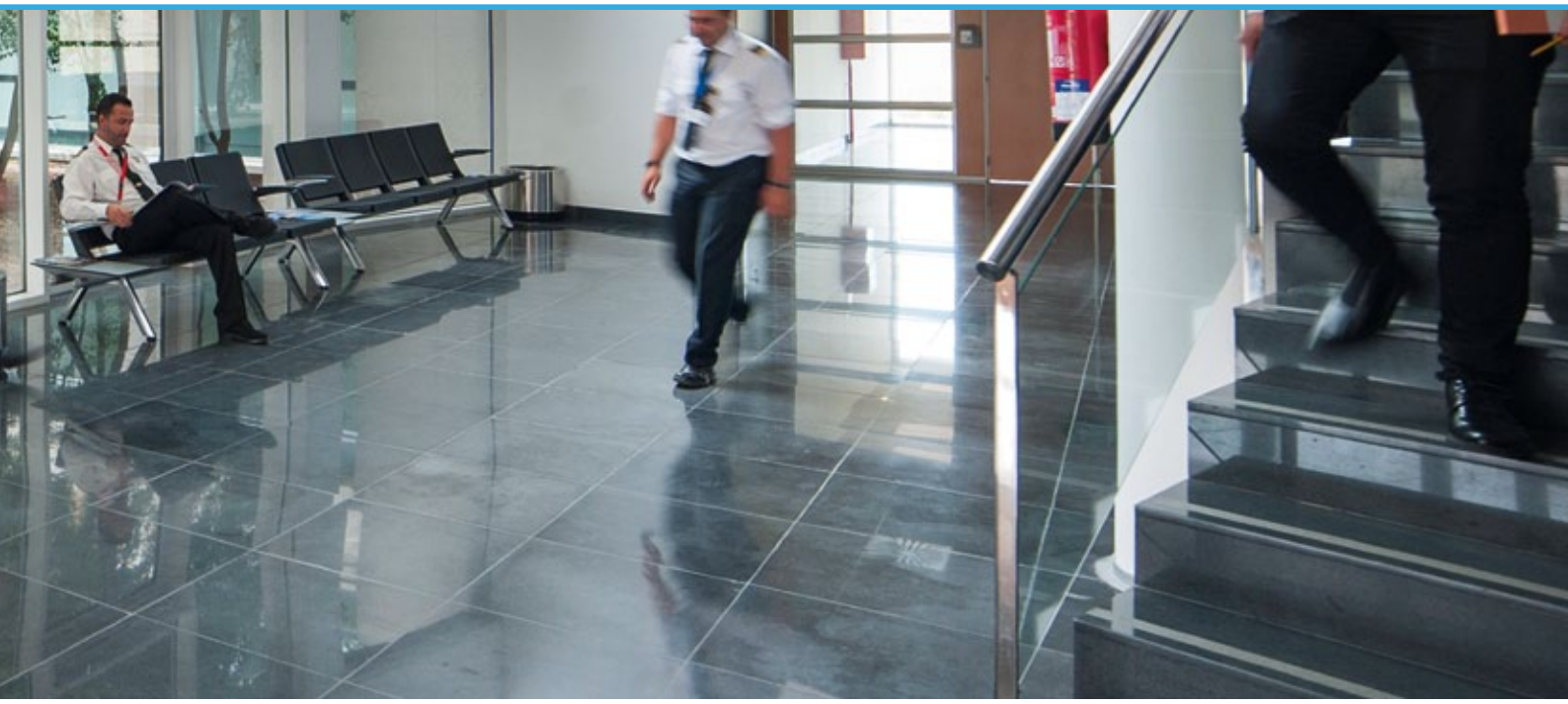
Therein lies a fundamental truth: growth demands professionals. It's true that there are times when greater numbers of cabin crew are hired, and naturally, times when the hiring wave is not as strong. This is the byproduct of the occasional fluctuation in varying economic cycles and their movements on a global scale. In spite of this, the average line of growth is steadily increasing. There is no doubting the increase in the number of international flights taking off and landing each and every day – and this can only be achieved if there are cabin crew disposed to execute said flights. They allow for an increase in aircraft fleets, hours flown, and also increase the number of passengers and goods transported.

Over the last few years, there have certainly been moments of doubt for licenced pilots waiting for their opportunity for work placement – this may even have included moments of despair. These very same pilots, however, after these moments of doubt and despair, saw and experienced the way in which the job placement they so longed for arrived. Others were hired a lot more quickly, perhaps. The graph perfectly explains this situation. When the line descends or levels out, one must wait. Fear not, though, for then it rises, meaning the moment has arrived - pilots and other cabin crew are in need!

Flight Numbers, and Thus, Need for Flight Crew

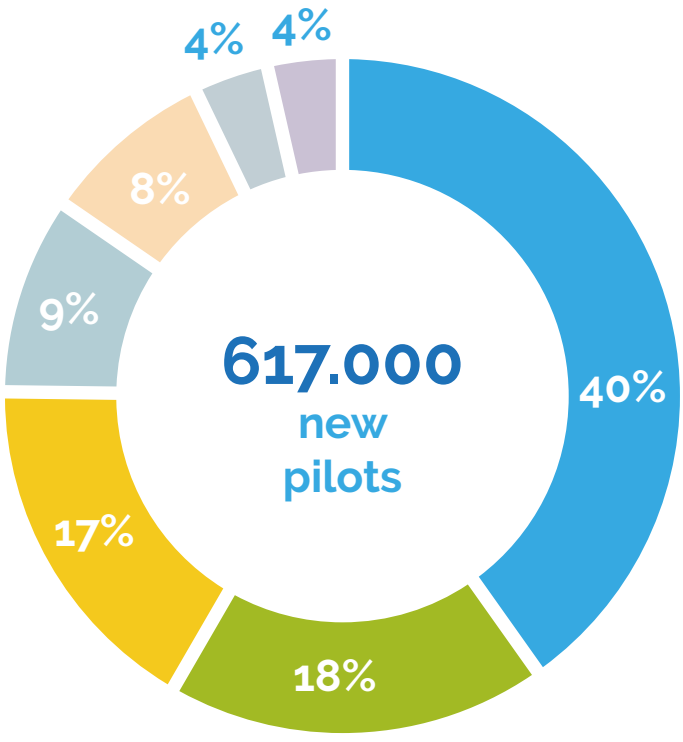


Years



Demand for New Pilots by Region

(2016-2035)



Asia Pacific	248.000	Latin America	51.000
Europe	112.000	Russia	22.000
North America	104.000	Africa	22.000
Middle East	58.000	**TOTAL:**	**617.000**

Source: Boeing in its annual report of 2016 given at the annual EAA AirVenture Oshkosh.

BARCELONA AND ITS SURROUNDINGS

Barcelona is an extremely attractive city, give n its unique personality, and is universally recognized for its multiculturalism...

...for its rich offerings of recreation and leisure activities, for its richness in both art and architecture; for its variety in urban design, from Gothic to Modernista; for its undeniable historical legacy; for its environmental perks, opening up to the sea and nestled in by mountains; and, among many other things, for its capacity to warmly embrace all that are fortunate enough to live, work, study, or pass through this grand metropolis.

To be able to train and study as a **pilot or flight attendant** in the city of Barcelona, then, is a great commodity for those that already live in the city, and offers a fantastic opportunity to students from other areas. For these students, their aeronautical training will be accompanied by a vastly interesting stay.

Barcelona's surroundings are equally as enticing and attractive. A multitude of physical activities and many other free time activities are available to all, from the sea to the mountains .... all of it a short distance from Barcelona. Not far from the city centre we find the **Costa Brava, the Pyrenees Mountains, Montserrat, the Ebro Delta**, the list goes on... an almost never-ending variety of natural spaces pleasing to all in one way or another.

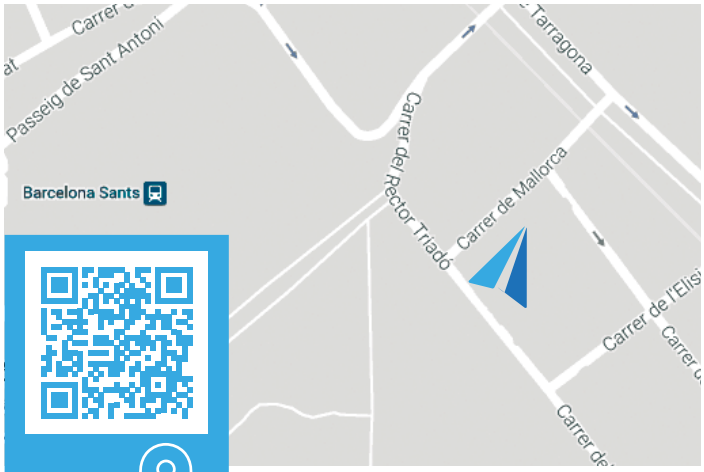
Rector Triadó, 94, Mezzanine. 08014 Barcelona (Spain)
Tel. +34 93 250 20 20 | www.easbcn.com | info@easbcn.com

ACCESS TO BARCELONA AND SABADELL

Access to the school is quick, comfortable and above all, easy. There are numerous means of public transportation that can be used to reach the **Plaça dels Països Catalans stop at Sants Station** (Estació de Sants). There are local commuter trains, medium and long-distance trains, buses, and extensive metro services.

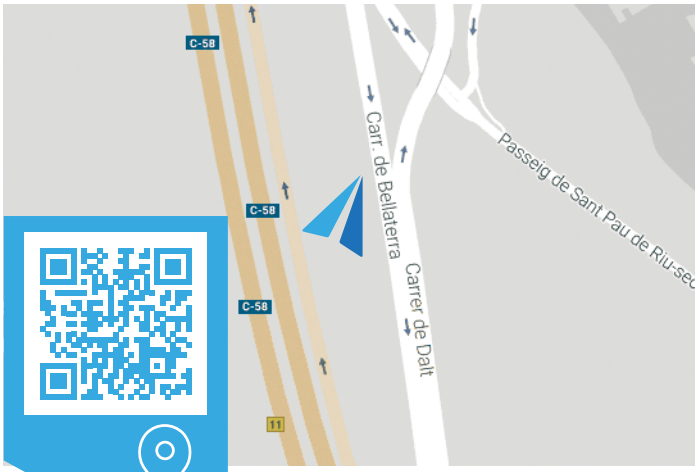
Access to **Sabadell Airport**, more specifically, to the EAS Barcelona offices and dispatch at the airport (in the airport's main services building) can be realized by car (from Barcelona on the **C-58** highway) or in train (FGC local commuter train Line **R4** from Sants Station or from other central train stations). Using public transportation, the theoretical class and simulator facilities as well as the flight dispatch of EAS Barcelona can be reached in approximately **35 minutes**.

Barcelona



Rector Triadó Street, 94
08014 Barcelona

Sabadell



Bellaterra road, s/n, 08205
Sabadell, Barcelona

EAS BARCELONA
EUROPEAN AVIATION SCHOOL

Rector Triadó, 94, Entl. 08014
Barcelona (Spain) | Tel. +34 93 250 20 20
www.easbcn.com | info@easbcn.com