PAFAERO

TRAINING SOLUTIONS

THE NEXT STEP IN
AVIATION TRAINING

We are dedicated to change the classic aviation learning methods, developing technologically advanced study aid software, designed to be used in the classroom or for self-learning students.

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Our Company

We are dedicated to change the classic aviation learning methods, developing study aid software, designed to be used in the classroom or for self-learning students. Our main goal is to create a better interaction between the students and the teachers, and to engage the students in a way that no video or PDF can.

> We believe that the classic aviation method learning system (from a PDF or PowerPoint presentations) is obsolete.
> In a world where competition is heavier, the best schools stand out by having the best learning tools.

+2000	+650	+700	+35	+30
Users Worldwide	**CBT Pages**	**SOP Checks**	**Airlines & ATO**	**Countries**
Used by Pilots and Aircraft Engineers all over the world.	More than 650 CBT pages between cockpit and aircraft's guides.	More than 700 checks to perform on the SOP guide.	We work with more than 35 airlines, ATOs and MROs worlwide.	We are placed in over 30 countries.

Our unique software

Our unique software helps pilots and engineers all over the world, with products that improve significantly student learning.

Our team

We have an engineering and designer team who develop the software and a selected team of experienced pilots and aircraft engineers who test it, to meet the high requirements of the aviation industry.

Our **Products**

Our products are used by several airlines, ATOs and MROs worldwide. Our customers range from airlines and flight schools to private enthusiasts.

- Airlines
- ATOs & MROs
- Pilots & Aircraft Engineers
- Entertainment

Compliance
Our products comply with authority requirements and industry standards.
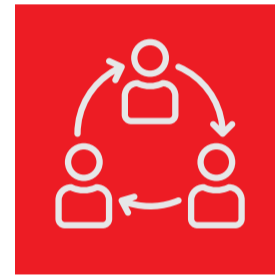
Cost effective
Offer the highest level of versatility at a very low operational cost per hour.

Safety
Our products contribute to flight safety by increasing simulator time without increasing cost.

Uptime
Modern technology assures logistics benefits right away with more flexibility in training schedules.
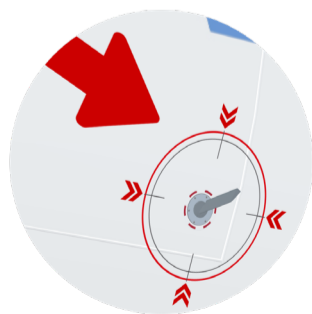
Using our products, Airlines, ATOs and MROs can avoid unnecessary immobilization of an actual aircraft, FFS or jet engine, which can be costly and difficult. Airlines, ATOs and MROs can thus enjoy large financial and logistics benefits right away with more flexibility in training schedules.

All pafaero's software can be customized upon request.

We currently have 5 unique training products:
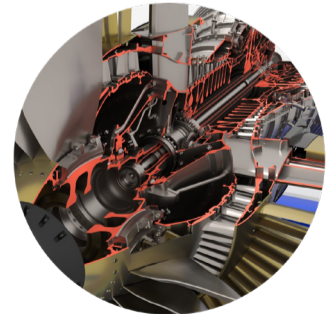
A320 SOP
Procedures Simulator

A320 Walk
Around Simulator

A320 Exterior
CBT

A320 Cockpit
CBT

CFM56 Family
CBT

Training Solutions

Pafaero offers the solution for a variety of sectors in aviation industry.

We offer 3 main solutions for Professional License:

It englobes the following products:

- A320 Procedures Simulator
- A320 Walk Around Simulator
- A320 Exterior CBT
- A320 Cockpit CBT

The A320 SGP - Full Pilot Integration

It englobes the following products:

- A320 Walk Around Simulator
- A320 Exterior CBT
- A320 Cockpit CBT

The A320 SGP - Aircraft Engineer Integration

The CFM56 Family SGP describes all CFM56 models:

- CFM56-3 (used in B737 Classic)
- CFM56-5A (used in A320)
- CFM56-5B (used in A320)
- CFM56-5C (used in A340)
- CFM56-7B (used in B737)

CFM56 Family SGP

Airbus A320 SGP
Full Pilot Integration

Features in a single software, the full flight procedures that pilots have to perform during a flight as well as the aircraft's CBT, describing the locations and functionalities of all the A320 exterior and cockpit controls and indicators.
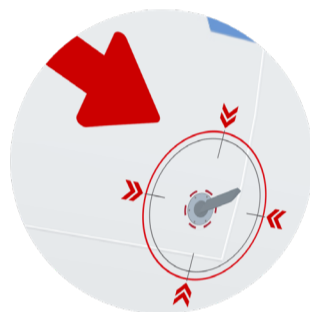
This new improved software is the best solution to study the FCOM at the same time that student pilots practice the airline's SOP.

It englobes the following products:

A320 SOP
Procedures Simulator

A320 Walk
Around Simulator

A320
Exterior CBT

A320
Cockpit CBT

In this simulator you can naturally interact with the cockpit in a tridimensional environment and perform the Standard Operations Procedures (SOP) in an easy and efficient way, showing all the stations of the official path with all the items to check.

This software avoids unnecessary immobilization of an actual aircraft cockpit or simulator, which can be costly and difficult. Airlines, ATOs and MROs can thus enjoy large financial and logistics benefits right away with more flexibility in training schedules.

Professional license

What makes the Airbus A320 SGP – Full Pilot Integration for Professional Use?

It licenses your software for commercial use (that is, any use of the software outside of your own personal use in your own personal home). This license is also required for generating revenue, either directly or indirectly, using the Airbus A320 SGP - Full Pilot Integration software.

All pafaero's software can be customized upon request.

Evaluation method

The cockpit SOP has an evaluation mode, where the students do not have any aid and have to know all the procedures like they were on an FFS session or real flight.

This way, students can study the CBT and SOP at home, at their own pace. At the end, a certificate will be emitted and the flight school will receive it automatically.

Before an FFS session, the instructor can request to the student to perform and complete successfully the pafaero cockpit SOP, to ensure that the student is prepared as best as possible.

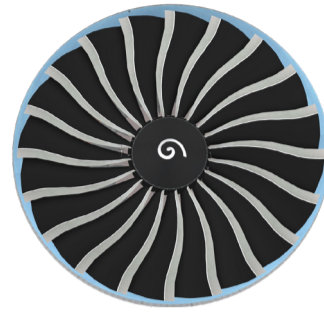The A320 SGP - Full Pilot Integration realistically simulates an A320 aircraft with **four engine types**:
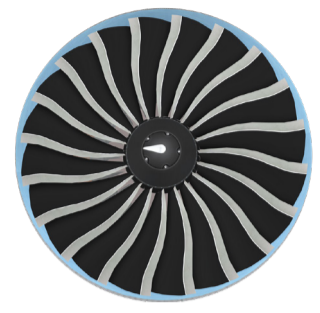
A320 CEO

CFM56-5A/5B

IAE V2500

A320 NEO

LEAP-1A

PW1100G

There are three modes:

Beginner: has checklist aids (red arrow and target), checklist image and voice aid. Ideal for beginners.

Medium: has checklist image and voice aid but does not have checklist aids (red arrow and target). Ideal for intermediate users, that do not know the checklist procedures but already have a good cockpit knowledge.

Exam: has no checklist aids (red arrow and target), no checklist image and no voice aid. Ideal for advanced users. When completed, a certificate will be emitted proving that the user is ready to perform it in a simulator or in real life.

Cockpit SOP: Pilot Flying executing the cockpit preparation.

Airbus A320 SGP
Aircraft Engineer Integration

Designed for aircraft engineers, this software complements all needs for a student taking the A320 TR. The Walk Around Simulator teaches the students how to perform the walk around in an interactive way.
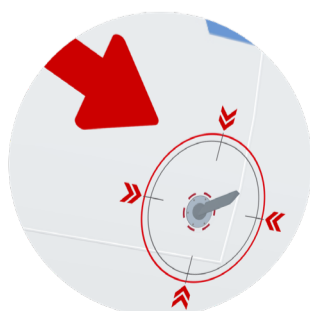
As the base of the walk around is to effectively know the exterior of the aircraft, the A320 SGP - Aircraft Engineer Integration includes the aircraft's CBT, summarily approaching all its exterior components, where the student can freely navigate around the aircraft and know all of its external properties by pressing on "curiosity buttons" (red buttons) spread all over the aircraft.

In conventional CBT, aircraft engineers study the external configuration of the aircraft, but this external training is not continuous: only some characteristics of the exterior of the aircraft are shown during the study of a specific system.

If students have any questions about a certain component of the aircraft's exterior, they can easily use the simulator and go to that specific location and press a curiosity button. By pressing it, a page will open where the function of that component is described, rather than having to search the various systems through all the aircraft manuals until the student finds the item he/she is looking for.

It gives the perfect training aid for aircraft engineers throughout the type rating. Students can study the cockpit and the external of the aircraft in a tridimensional way, self-paced at home or at the classroom. The Cockpit Guide will give the perfect familiarization with the cockpit, connecting each cockpit button and panel to the corresponding aircraft system.

The A320 SGP - Aircraft Engineer Integration englobes the following products:

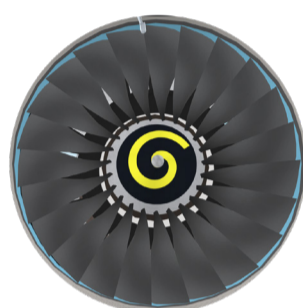| A320 Walk Around Simulator	A320 Exterior CBT	A320 Cockpit CBT

The A320 SGP - Aircraft Engineer Integration is a reference guide for any professional who operates or is about to start operating the A320 family, looking to familiarize with the locations and functionalities of all the A320 exterior and cockpit controls and indicators, as well as the walk around procedure.

The A320 SGP - Aircraft Engineer Integration realistically simulates an A320 aircraft with **four engine types**:
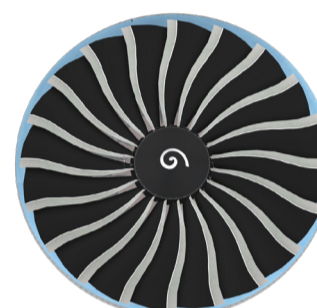
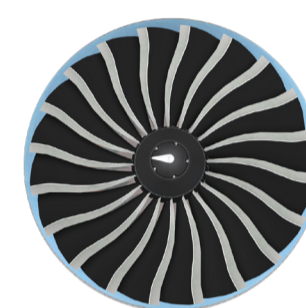| A320 CEO		A320 NEO	
CFM56-5A/5B	IAE V2500	LEAP-1A	PW1100G

01 Walk Around Simulator

The Walk Around Simulator is divided into two modes: training and exam modes.

The Training mode has user support aids (red arrow and target) that guide the student in an initial phase, to make it easier to perceive the location of the items that the checklist determines to be inspected.

The Exam has no user support aids and tests the student's external knowledge and the walk around performance.

02 Evaluation method

This simulator can be used:

- Initial or basic training - for users with little to no experience
- Continuous training - for experienced users (periodic assessments).

On the Walk Around Simulator, if the obtained result on the exam mode exceeds 75%, a certificate will be issued proving that the user has successfully completed the walk around and is qualified to perform it in a real environment situation.
A periodic assessment can be done in e-learning. The certificate can be used for an airline or MRO to ensure that all aircraft engineers that perform the walk around on the A320 family are fully qualified to do it.

CFM56 Family
Study Guide Pro

The CFM56 Study Guide Pro (SGP) is the first supper training software of the most successful commercial aircraft engine of all time - the CFM56.

Specially designed for teaching and self-studying purposes, the CFM56 Family SGP avoids an unnecessary immobilization of an actual jet engine, which can be costly and difficult. MROs, airlines and ATOs can thus enjoy large financial and logistics benefits right away with more flexibility in training schedules.

The CFM56 SGP is the first supper realistic training software of the most successful commercial aircraft engine of all time, the CFM56.
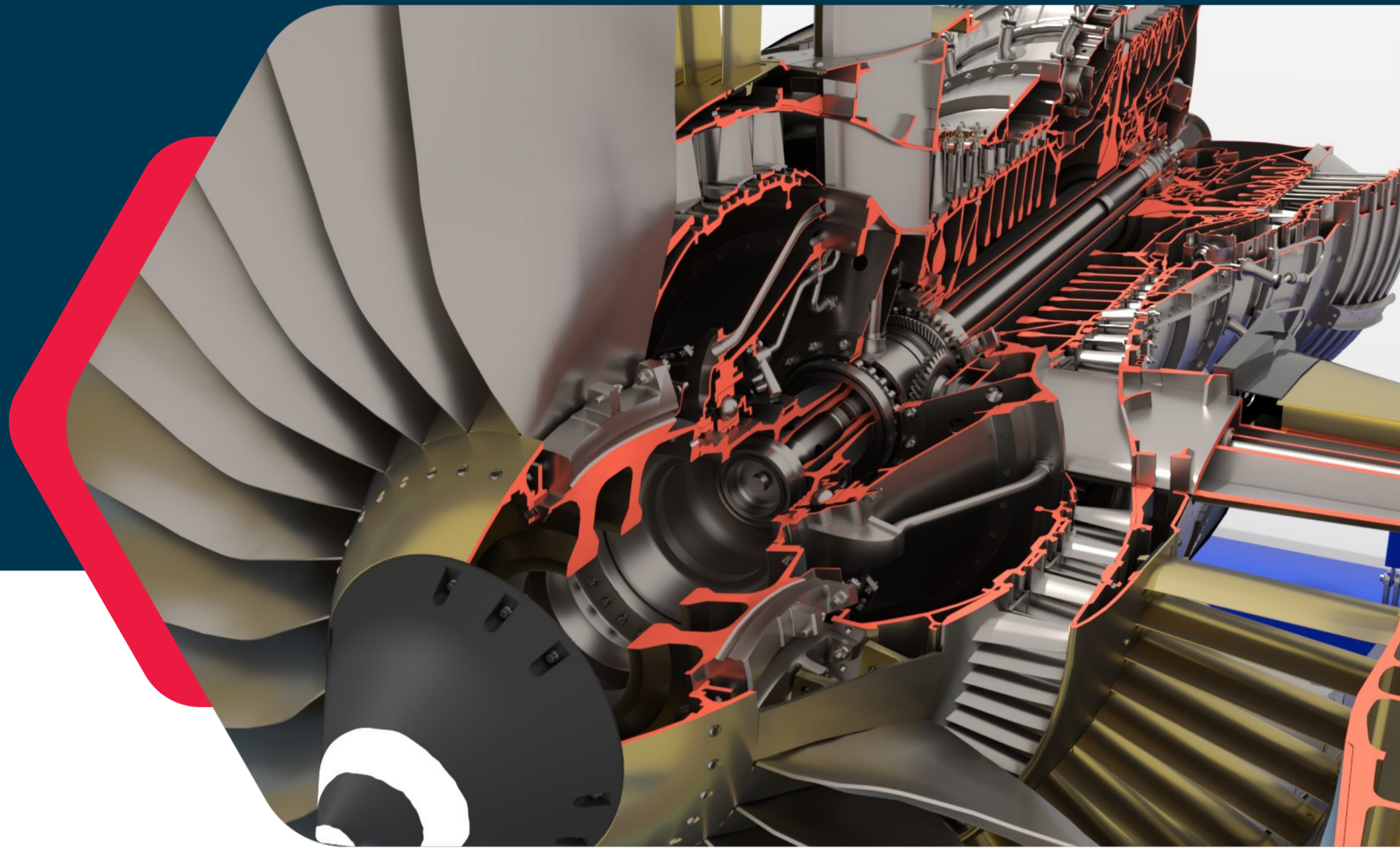
The CFM56 Family SGP describes all CFM56 Family models:

- CFM56-3 (used in B737 Classic)
- CFM56-5A (used in A320)
- CFM56-5B (used in A320)
- CFM56-5C (used in A340)
- CFM56-7B (used in B737)

The CFM56 Family SGP is a study aid software, designed to be used in classroom or for self-learning users. At the end of the course, the students will:

- Have a deep knowledge of the CFM56 family (hardware and software)
- Be able to describe all hardware parts and its functions
- Be able to identify all engine parts on the CFM56 blueprint.

Contains a CBT of the CFM56 jet engine with over 140 CBT pages, with detailed information of all engine's parts. There are "curiosity buttons" distributed around the engine next to the parts.

The CFM56 Family SGP can be used:

- **Initial or basic training** - for students with little to no experience that will operate the aircraft (junior first officers or aircraft engineers).

- **Classroom support -** for MROs and ATOs that teach the CFM56 family.

- **Engineering purposes -** the super realistic CFM56 3D enhances engineering work, as it can be used in real time during work.

UNIQUE

AVIATION TRAINING SOLUTIONS

Our main goal is to create a better inter-action between the students and the teachers and to engage the students in a way that no video or PDF can.

Get in touch now

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