

SENASA

SERVICES AND STUDIES FOR AIR NAVIGATION AND AERONAUTICAL SAFETY

**EXPERTS IN AVIATION SAFETY TRAINING
AND
CONSULTANCY**



TRAINAIR
PLUS



Training building



3 CBT rooms

SENASA is a dynamic company, with a long tradition in aeronautical training, consultancy and technical assistance. We have a global commitment to aviation safety and environmental protection, which enables us to enhance our presence in the different activities that make up the air transport and aerospace sectors in its entirety.

MAIN DATA

- Employees : 420
- Own Funds : 55 M Euros
- Turnover: 23 M Euros

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CERTIFICATIONS AND APPROVALS



Simulator Centre



Sport aviation

- European SAFA Training Organization
- European Approved ATC School (ATC initial , AFIS and Apron)
- EASA Qualified Entity in Air Navigation
- Dangerous Goods Training Organization
- JAR-FCL (FTO)
- JAR-STD (flight simulation certification experts)
- EASA PART 145

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CERTIFICATIONS AND APPROVALS(2)



Simulator Centre



Sport aviation

- Continuing Airworthiness Management Organization (CAMO +)
- Pilots and Gliding School
- Organization certified as Aerial Works company (flight inspection)
- Quality Management Systems UNE-EN ISO 9001: 2008
- Environmental Management Systems UNE-EN ISO 14001: 2004

INTERNATIONAL

TRAINING,

CONSULTANCY and

SUPPORT TO AVIATION AUTHORITIES

COURSES PROVIDED IN 2012-2013

TRAINING IN

Airworthiness

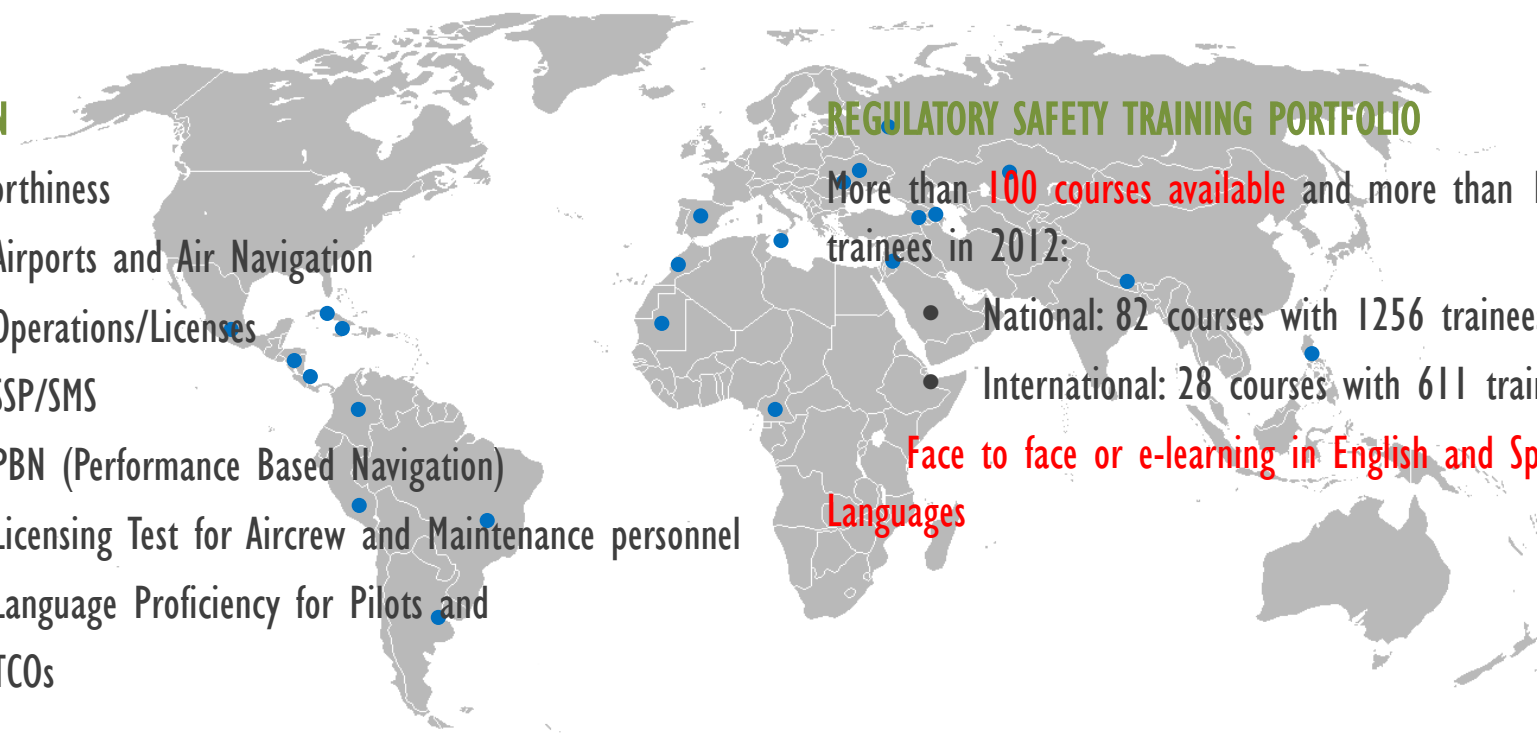
- Airports and Air Navigation
- Operations/Licenses
- SSP/SMS
- PBN (Performance Based Navigation)
- Licensing Test for Aircrew and Maintenance personnel
- Language Proficiency for Pilots and ATCOs

REGULATORY SAFETY TRAINING PORTFOLIO

More than **100 courses available** and more than 1800 trainees in 2012:

- National: 82 courses with 1256 trainees
- International: 28 courses with 611 trainees

Face to face or e-learning in English and Spanish Languages



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AIR NAVIGATION TRAINING



3 En route /
APP simulators



Three 360° tower
simulators

AB INITIO TRAINING (ICAO AND EUROCONTROL STANDARDS)

Air Traffic Controllers (TWR, en- Route and Approach ratings)

Aerodrome Flight Information Services Operators (AFIS)

Ramp Guidance initial and simulation training

TAILOR MADE TRAINING (key-on-hand)

Rating Maintenance Refreshment Courses

ATCO Units Adaptation Courses

Pre-OJT Through Flight Time Simulation

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AIR NAVIGATION TRAINING(2)

REPLICA TOWER, APPROACH AND EN ROUTE SIMULATORS

The package consists of:

- Simulations based on exact replicas of the airspace or airports and their operational procedures with real traffic samples
- Configurable time courses and performances

Applies to all ATM Training

3 En route /
APP simulators



Three 360° tower
simulators

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AIR NAVIGATION TRAINING (3)

REPLICA TOWER, APPROACH AND EN ROUTE SIMULATORS

Aimed at:

- Training Units, Transition training and Refresher training
- Training, Testing and validation of new operational procedures

Main Advantages:

- Savings in unit training processes, reduced time
- This training can be certified by the NSA authorities



3 En route /
APP simulators



Three 360° tower
simulators



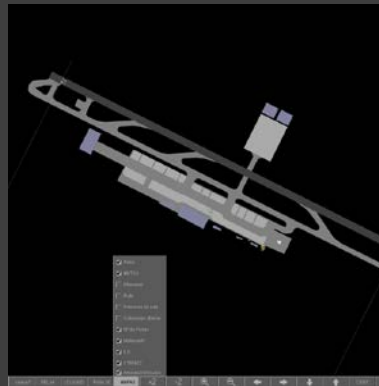
STELA LMS

E-LEARNING

Tailor made development of Learning Management Systems (LMS)

Development of Web Based Training:

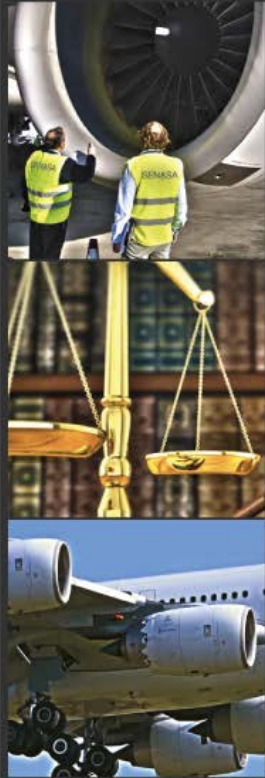
- Safety and Security
- Air Traffic Control for Initial Training
- Air Traffic Control for Unit Training



ALTIUS

ALTIUS

It is a useful and low cost pre-simulation tool for initial ATC training students (any rating) and is used as an intermediate step between the theoretical and the simulation phase. With this tool trainees can practice procedures, phraseology and/or other specific control tasks.



TASKS

CERTIFICATION / INSPECTION

LICENCING

ENFORCEMENT

ACCIDENT / INCIDENT

LEGAL SUPPORT

TRAINING/ QUALIFICATION

DEVELOPMENT OF PROCEDURES

DEVELOPMENT OF TECHNICAL REPORTS

EXAMS

AVIATION SAFETY CONSULTANCY

		SENASA

DGAC(CAA, Spain) and AESA(Spanish Agency for Aviation Safety)

Safety Oversight support: 15 M euros

EASA

- International Consultancy (CAAi UK+Egisavia +SENASA) Consortium: 6 M euros/5 year
- International Consultancy (CAAi UK+ENAC, France + SENASA) Consortium: 4 M euros/4 year

EUROPEAN COMMISSION

ITAKA I+D Framework Project (Initiative Sustainable BioKerosene for Aviation)

International consortium led by SENASA

Aprox 20 M euros/3 year



Simulation
scenario



ALTIUS CBT room

SENSA IS COMMITTED TO THE TRAINAIR PLUS PROJECT

OBJECTIVES

- Achieve TRAINAIR PLUS Full Membership in 2013
 - New STP related MDR (Mandatory Reporting System) and ECCAIRS
- Upgrading suitable, existing and tested training materials to ICAO –TRAINAIR PLUS standards under a competency based context
- Global sharing of training materials for safety improvement in an environment protection context

AERONAUTICAL GLOBAL TRAINING SOLUTIONS

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SERVICES AND STUDIES FOR AIR NAVIGATION AND AERONAUTICAL SAFETY

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TURKEY, ISTANBUL, 16 TO 20 JUNE 2013

Thank you very much on behalf of

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TURKEY, ISTANBUL, 16 TO 20 JUNE 2013