ATC FAMILIARIZATION COURSE

This course provides an overview of the provision of air navigation services, the operating environment and the workplace of air traffic controllers and the systems they use.

The methodology of the course is based on the combination of theoretical sessions and practical Air Traffic Control demonstrations.

COURSE OBJECTIVES

- Provide the basic knowledge about the Air Traffic Control Services provision.
- Provide a vision of the work environment, tasks and tools of an air traffic controller.
- Familiarize the attendants with the basic concepts associated to the service provision (work organization, coordination with other services, communications, etc.)

AUDIENCE

Staff of service suppliers companies (ANSP, Air Navigation Service Provider), agencies overseeing aviation safety (NSA, National Supervisory Authorities) and in general for all those related to air traffic service provision.

COURSE CONTENTS

Module 1. General Theory

The aircraft; Spaces and air dependences; Rules of the Air; Air traffic services; Coordination and transfer; Altimeter setting procedures; Separations; Radiotelephony; contingencies; Human factors.

Module 2. ADI / ADV + APP

Tower theory: Introduction to; CEANA Airport; ATIS; Start up; authorizations; Taxiing; Transfer of control and communications; Takeoff; Arrivals; APP / TWR Charter Agreement and other procedures.

Tower simulation.

Module 3. APP

Theory of Approach procedures: Introduction, classification of airspace; Air space; Types of Approach; Expected approach time; Transfer point of TWR / APP Control; Approach maneuvers; Flight progress strips; Phraseology.

Simulation of Approach procedures.

Module 4. ACS

Radar Route theory: Functions of the sector team (ETS); Air space; Radar Service; Operational transfer and communications; radar vectoring; limit authorization; Separation and transfer procedure; Operational flight levels; Speed control based on the level of flight; Speed control based on the technique of Mach; Management of radar strips; Flight progress strips.

Radar Route simulation.

Module 5. APS

Theory of Radar Approach: Functions of the sector team (ETS); Air space; STAR procedures; Transfer operational radar and flight levels; radar vectoring; Speed control; Operating Speed / Heading / Sink rate; wake turbulence; TWR transfers; SID procedures.

Simulation of Radar Approach.

REGULATORY BACKGROUND
Based on the requirements and standards set by EUROCONTROL and ICAO.

DURACIÓN
20 days.
The course's schedule and duration can be adapted to our client's needs.

TECHNICAL REQUIREMENTS
The training is provided in an in-classroom format.

LANGUAGE
English/Spanish.

PLACE
The theory can be delivered at SENASA's premises (Madrid) or at the client's facilities.
The simulation classes are delivered at SENASA's replica simulators (Tower, En-Route and Radar Approach).

PRICE
Ask price (best price guarantee).