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ATSEP Qualification Data Processing

The ATSEP Qualification Data Processing Training course is designed to impart the domain related knowledge and skills appropriate to the qualification stream in data processing in the CNS/ATM environment.

Introduction	SThe skyguide academy is certified as a training organization in accordance with the European Commission Regulations, and offers a wide range of ATM/ ANS training products. The QLF DPR Training course content is in line with the EUROCONTROL Specifications for the ATSEP Initial Training and is compliant with the European Commission Regulation 'EU CR 2017/373'. The course is strongly focusing on the operational environment.
Attendees	The QLF DPR Training course is designed for ATSEP employees, technicians and engineers from ANSPs, the technical industry, Civil Aviation Authorities and National Supervisory Agencies, working on operational and safety related data processing systems and equipment.
Pre-requisites	In order to successfully complete the course and pass the final exam, an adequate English level (KET and higher) and a technical background or education is required. The successful pass of the Basic course is eligible.

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Method	The course consists of classroom lessons using modern learning methods and tools, practical exercises and in-house and field visits to equipment, installations and systems used for the provision of Air Traffic Services.
Course Structure and Design	The course is designed in a modular form, which supports best the learning process and progress of the participants.
Week 1: Data Communication & Surveillance	Introduction to Networks, Network Protocols and National Networks. Use of Primary and Secondary Radar in ATS, Introduction to Mode S, MLAT Principles, ATCO HMI, Technology and Protocols.
Week 2: Data Processing	Functional Safety: Software Integrity and Security. DPR Systems: User Requirements, System Components. Process: Software Process, Hardware Platform, Software Testing, Data Essential Features, ATM-Data - D Structure.

Duration	The ATSEP Qualification Data Processing Training course has a duration of 15 working days. The course ends with a final examination covering all subjects out of the corresponding modules.
Your Benefits	– EASA certified Training Organization – Course according to European Regulations and EUROCONTROL Specification – Academy with long-lasting experience in ATSEP Training and extensive technical expertise – Practical skills, processes and tools for maximum implementation – State-of-the-art training infrastructure

Skyguide
Swiss Air Navigation Services Ltd
Flugsicherungsstrasse 1–5
8602 Wangen

sales@skyguide.ch

skyguide.ch