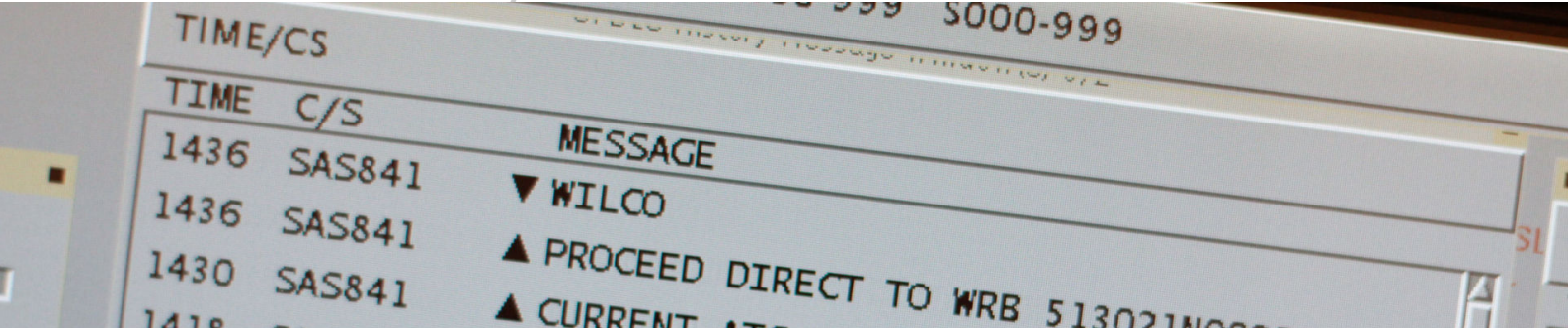


ATSEP QUALIFICATION, COM-DATA

Air Traffic Safety Electronics Personnel



Course aim

The course is designed to impart domain related knowledge and skills appropriate to the COM-Data qualification stream.

Course objectives

After completion of the course, participants have:

- Knowledge and understanding of the subjects described below (see Content in brief) in accordance with the EASA ANNEX XIII - Part-PERS requirements for service providers concerning personnel training and competence assessment Subpart A - Air Traffic Safety Electronic Personnel.
- Knowledge and understanding of the importance of teamwork.

Course overview

The duration of the course is five days. The competency-based training consists of theoretical lessons delivered by professional international instructors. The theory consists of individual topics covering various aspects of operating and maintaining COM-Data equipment.

Prerequisites

ATSEP Basic.

Compliance with regulations

The course is compliant with the EASA ANNEX XIII - Part-PERS requirements for service providers concerning personnel training and competence assessment Subpart A - Air Traffic Safety Electronic Personnel.

ATSEP QUALIFICATION, COM-DATA

Air Traffic Safety Electronics Personnel

Data (COM-DAT)

INTRODUCTION TO NETWORKS

Explain, describe, define and analyse types, networks, external network services and measuring tools.

PROTOCOLS

Explain, describe, define and analyse fundamental theory and general protocols.

NATIONAL NETWORKS

Explain, describe, define and analyse national networks.

EUROPEAN NETWORKS

Explain, describe, define and analyse network technologies.

GLOBAL NETWORKS

Explain, describe, define and analyse networks and standards, description, global architecture, air/ground sub-network, ground/ground sub-networks, networks on board of the aircraft and air/ground applications.

Transmission Path (COM-TRP)

LINES

Explain, describe, define and analyse lines theory, digital transmission and types of lines.

SPECIFIC LINKS

Explain, describe, define and analyse microwave link and satellite.

Recorders (COM-REC)

LEGAL RECORDERS

Explanation of international and national regulations and principles.

Functional Safety (COM-FST)

SAFETY ATTITUDE

State the ATSEP role in safety management routines.

FUNCTIONAL SAFETY

Describe the impact of functional failures in COM Systems.

Photo: Entry Point North, Jörn Andre Andersen