

ATSEP QUALIFICATION, COM-VOICE

Air Traffic Safety Electronics Personnel



Course aim

The course is designed to impart domain related knowledge and skills appropriate to the COM-Voice 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-Voice equipment.

Prerequisites

ATSEP Basic.

Compliance with regulations

The course is compliant with Commission Implementing Regulation (EU) 2017/373 Annex XIII, subpart A.

Content in brief

Voice (COM-VCE)

AIR/GROUND:

Explain, describe, define and analyse transmission/reception, radio antenna systems, voice switch, controller working position and radio interface.

GROUND/GROUND:

Explain, describe, define and analyse interfaces, protocols, switch, communication chain and controller working position.

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

Explain 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