Course aim
The course is designed for operational aeronautical meteorological observers. The aim of the course is to refresh and update the knowledge, skills and understanding related to observation and reporting of local meteorological conditions.

Course objectives
After completing the course, participants shall have updated and refreshed knowledge related to analysing and describing the existing local weather conditions as local routine report and/or meteorological terminal air report (METAR) in accordance with ICAO Annex 3 and national legislation.

Course overview
The course is mostly theoretical with some practical exercises related to encoding of local routine reports and METARS. The theoretical lessons cover meteorological phenomena and coding of local routine reports and METARS.

Prerequisites
The course is primary intended for operational meteorological observers.

Compliance with regulations
The World Meteorological Organisation (WMO) recommends that ATS personnel working with meteorological observation should continuously get refresher training. The course covers the syllabus framework for Aeronautical Meteorological Observation (AMO) defined in Supplement no.1, WMO No.258.

Content in brief
The course comprises theoretical lessons together with practical exercises and covers the following topics:
• Description of meteorological phenomena (different parameters observed, the impact of adverse weather etc.)
• Creating a meteorological message
• Encoding and transmitting meteorological reports: Metreport, SPECIAL, METAR and SPECI
• Update on international and national regulations for meteorological observation

The course is designed as a one day/seven lesson course, but a tailor-made course can be offered to meet individual client needs.

References

Entry Point North has successfully conducted tailor-made AMO refresher courses for Swedish, Danish and Norwegian air navigation service providers.