Change ID: 5.1-17

Reverse association of SafeAltitudeArea

Summary

It is proposed to reverse the navigability of the association between Procedure and SafeAltitudeArea feature.

Background

The SafeAltitureArea is a set of Minimum Sector Altitudes which completely describe an area centred on a significant point, usually contained within a sector of 46km (25NM) radius. It is associated with Procedures.

Rationale for the change

In AIXM 5.0, the association is navigable from SafeAltitudeArea towards Procedure . In reality, it is the Procedure that needs to know about its MSA or ESA, as the same area could be used for several procedures. It is therefore proposed to reverse the navigability of this association.

Change proposal details

Modify the association between Procedure and SafeAltitudeArea:

- reverse navigability to be from SafeAltitudeArea towards Procedure;
- change the association name into "isProtectedBy"
- add role for SafeAltitudeArea: "safeAltitude" (" *A series of minimum altitudes in the area where the procedure is executed*".