Change ID: 5.1-03

Modify association - AirportHeliport management

Summary

In order to clarify the meaning of the association "isManagedBy" between an AirportHeliport and an OrganisationAuthority , a new association class is proposed to be added, including a "role" attribute.

Background

The current AIXM 5.0 model has an association with the name "isManagedBy" from AirportHeliport to OrganisationAuthority .

Rationale for the change

The term "managed by" is imprecise. In reality, there are two main types of relations:

- "Airport operator" - the organisation that operates the airport;
- "Supervising authority" - the national authority that oversees the airport from a regulatory point of view. This could also be a military authority;

It is proposed to add an association class AirportHeliportResponsibility on the association, with an attribute (type) indicating the exact relation between the OrganisationAuthority and the AirportHeliport.

A similar construct already exists in the model between OrganisationAuthority and NavaidEquipment .

Change proposal details

- change the name of the association between AirportHeliport and OrganisationAuthority into " *isUnderResponsibilityOf*" and the role into " *responsibleOrganisation*";
- add an association class named "AirportHeliportResponsibleOrganisation";
    - attribute "role" (" *An indication of the responsibility that the Organisation or Authority has over the facility*"), CodeAuthorityRoleType
- Modify the existing list of value for CodeAuthorityRoleType by:
    - add a new value "SUPERVISE" (" *The OrganisationAuthority exercises regulatory role over the facility*")