

### 2.2.1.6 Feature Dataset

A feature dataset is like a folder used for organizing a collection of feature classes sharing a common coordinate system. They can be used to spatially and thematically integrate related features by creating an interconnected topological network or building terrain datasets.

FAA Advisory Circular 150/5300-18B defines many GIS data feature classes that may be useful for different airports. There are over 10 primary feature datasets such as Airfield, Airspace, Environmental, Security, Utilities, etc. including over 60 different feature classes within these groups. These “AC-18B Feature Classes” are data that must be maintained and submitted to the FAA AGIS website to maintain compliance with FAA GIS data submittal requirements.

Feature classes that are not AC-18B feature classes but are maintained primarily to serve daily operations and other business needs at SFO do not need to be submitted to the FAA.