

2.4 Coordinate System

In general, all data delivered to SFO should be developed in the California State Plane Coordinate System (US Feet) – NAD83 2011 Zone III using NAVD 88 for vertical measurements, NAD 83 for horizontal measurements, and US Survey Feet as the units of measurements.

At times, SFO GIS may request data to be developed in the SFO Local B coordinate system. The SFO-B coordinate system, both horizontally and vertically, is defined by Record of Survey #2925 (Vol. 43 of LLS Maps, Pages 44-45, San Mateo County Records). SFO-B establishes the horizontal axis (x-axis) as the centerline of Runway 10L-28R. Axes x and y, respectively, are parallel and perpendicular to the centerline of this runway. Vertical (z coordinates) coordinates shall be based on the North American Vertical Datum of 1988 (NAVD88). The origin of SFO-B is located 180 feet left of the threshold of Runway 10L on center.