

ABSTRACT

PORTABLE GROUND BASED AUGMENTATION SYSTEM

5

A method and apparatus of generating navigation information (220) for an aircraft (202). Satellite signals (212) are received (1400) at a group of reference receivers (308) at a group of locations (326). A level of accuracy (352) is identified (1404) for the group of reference receivers (308) based on satellite data (320) formed from the satellite signals (212). It is indicated (1406) when the group of locations (326) of the group of reference receivers (308) does not meet a desired level of accuracy (350). Messages (322) are generated (1408) using the navigation information (220) from the satellite data (320) when the group of reference receivers (308) has the desired level of accuracy (350).

Fig. 3