



Wide Area Augmentation System

By Lambert M. Surhone

Betascript Publishers Dez 2009, 2009. Taschenbuch. Condition: Neu. Neuware - Please note that the content of this book primarily consists of articles available from Wikipedia or other free sources online. The Wide Area Augmentation System (WAAS) is an air navigation aid developed by the Federal Aviation Administration to augment the Global Positioning System (GPS), with the goal of improving its accuracy, integrity, and availability. Essentially, WAAS is intended to enable aircraft to rely on GPS for all phases of flight, including precision approaches to any airport within its coverage area. WAAS uses a network of ground-based reference stations, in North America and Hawaii, to measure small variations in the GPS satellites' signals in the western hemisphere. Measurements from the reference stations are routed to master stations, which queue the received Deviation Correction (DC) and send the correction messages to geostationary WAAS satellites in a timely manner (every 5 seconds or better). 124 pp. Englisch.

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