



Federal Aviation Administration

Memorandum

Date: March 22, 2006

To: Manager, National Flight Procedures Office, AVN-100

From: *[Signature]*
Action Manager, Flight Procedure Standards Branch, AFS-420

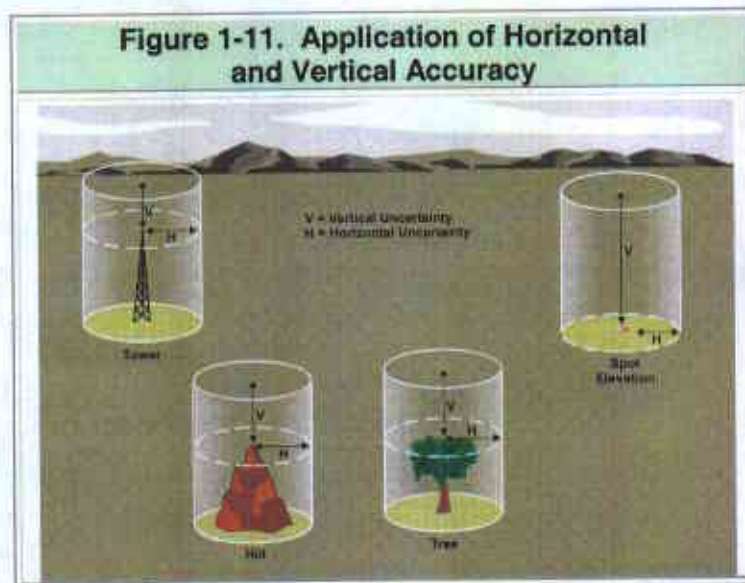
Prepared by: Jack Corman, (405) 954-0012

Subject: Application of Obstacle Accuracy Uncertainty, FAA Order 8260.52, United States Standard for Required Navigation Performance (RNP) Approach Procedures With Special Aircraft and Aircrew Authorization Required (SAAAR)

The first sentence of paragraph 1.15.2, Application of Vertical and Horizontal Accuracy Uncertainty, contains an extra word that confuses the intent of the paragraph. The word "code" should not appear in the sentence. The paragraph should read as follows:

1.15.2 Application of Vertical and Horizontal Accuracy Uncertainty.

Apply the obstruction vertical and horizontal accuracy values to all obstructions. From a 3-dimensional perspective, a point described by latitude, longitude, and elevation can be evaluated as a cylinder when applying both vertical and horizontal accuracy values (see figure 1-11).



In other words, the documented vertical error value is added to the obstacle height and the documented horizontal error value is added in all horizontal directions. The resulting cylinder represents the defined airspace that the obstacle could occupy. It could be anywhere in the cylinder; therefore, the entire cylinder is considered an obstacle.