



Federal Aviation Administration

Memorandum

Date: JUN 23 2011

To: Chas. Frederic Anderson, Acting Director, AeroNav Products, AJV-3

From: Leslie H. Smith, Manager, Flight Procedures and Procedures Division, AFS-400

Subject: Ground Based Augmentation System Landing System (GLS) Procedure Design Guidance.

The purpose of this memorandum is to clarify the procedure design criteria for construction of GLS instrument approach procedures in support of ongoing projects at George Bush International Airport (KIAH).

Design GLS approach procedures using Order 8260.54A, United States Standard for Area Navigation (RNAV), chapter 5 "LPV Final Approach Segment (FAS) Evaluation" for final segment and missed approach section 1 construction and evaluation. Use Order 8260.54A for design of RNAV routing to and from the FAS or the appropriate parts of Order 8260.3B, United States Standard for Terminal Instrument Procedures (TERPS), for conventional navigation to and from the FAS. Design the procedures to join the final approach course extended within 20 nautical miles of the airport.

This clarification will be included in the Order 8260.PBN. If you have any questions, please contact Mr. Rick Dunham, Manager, Flight Procedure Standards Branch, AFS-420, at (405) 954-4164.

cc:

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