

# NOTICE

## U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION

N 8200.119

National Policy

Effective Date:  
8/16/10

Cancellation Date:  
8/16/11

**SUBJ:** Distance Measuring Equipment (DME) DME/ DME Support Area Navigation (RNAV) (Order 8200.1C, Chapter 13)

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- 1. Purpose of This Notice.** The Position Estimation Error (PEE) and Total System Error (TSE) tolerances for DME/ DME Supported RNAV are deleted.
- 2. Audience.** The audience for this notice is the Air Traffic Technical Operations Eastern, Central, and Western Service Areas; Aviation System Standards Flight Inspection Operations Group offices and crewmembers; Air Force Flight Standards Agency (AFFSA); the 1<sup>st</sup> Aviation Standards Flight; the U.S. Army Aviation Center, Fort Rucker, Alabama; the Flight Standards Flight Technologies and Procedures Division; and users of FAA Order 8200.1, USSFIM.
- 3. Where Can I Find This Notice?** Go to the Directives Management System (DMS) website: [https://employees.faa.gov/tools\\_resources/orders\\_notices/](https://employees.faa.gov/tools_resources/orders_notices/) or the Aviations System Standards website: <http://www.avn.faa.gov/index.asp?xml=fioo/notices>
- 4. Background.** A post-flight software tool termed “RNAV-Pro” was initially developed by FAA Flight Standards Service (AFS-400) for flight procedure development and the analysis of DME/ DME navigation solution and DME/ DME/ IRU navigation solution to support flight inspection requirements. The operational and airworthiness guidance for utilizing DME/ DME for a navigation solution is specified in AC 90-100A, U.S. Terminal and En Route Area Navigation (RNAV) Operations. The RNAV-Pro software tool meets the analysis requirements to support the requirements in AC 90-100A. The RNAV-Pro software tool has been used exclusively by FAA Flight Inspection for the DME infrastructure coverage post-flight analysis. The RNAV-Pro software tool will continue to be used to analyze DME/ DME navigation infrastructure solutions, post-flight, supporting RNAV flight procedures.
- 5. Guidance.** Please make the following pen and ink change to FAA Order 8200.1C, Chapter 13, Section 3, Paragraph 13.34, Delete Parameter/ Tolerance **PEE/ < RNP Limit** and **TSE/ < RNP Limit**.

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Distribution: AJW-C/E/W/ 33; AFFSA; 1 ASF

Initiated By: AJW-331  
Air Traffic Technical Operations  
Aviation System Standards  
Flight Inspection Policy

The above guidance will be incorporated in the next change to FAA Order 8200.1C. For additional information, please contact Dan Burdette, Flight Inspection Policy, 405-954-6164.

A handwritten signature in black ink, appearing to read 'T. Accardi', with a stylized, cursive script.

Thomas C. Accardi  
Director of Aviation System Standards