



U.S. Department
of Transportation
**Federal Aviation
Administration**

Memorandum

Subject: **ACTION:** Standard for Decision Altitude (DA)
Rounding Convention

Date: JAN 26 2005

From: Manager, Flight Technologies and Procedures Division,
AFS-400

Reply to
Attn. of:

To: Program Director, Aviation System Standards, AVN-1

PURPOSE. This memorandum is issued to standardize the rounding convention for determining the published DA for 3-dimensional (3-D) approach procedures (ILS, MLS, PAR, LPV, and LNAV/VNAV).

DISCUSSION. Current policy requires the calculated DA value to be rounded to a 1-foot increment for ILS, MLS, and PAR; to a 10-foot increment for LPV; and to a 20-foot increment for LNAV/VNAV. For example, if the calculated DA value for all 3-D approaches at a given runway is 943.56 feet, the following DA values would be published:

ILS, MLS, PAR: 944
LPV: 950
LNAV/VNAV: 960

In some cases, the increase in DA-to-threshold distance resulting from rounding generates an increase in the minimum visibility requirement. A single rounding convention applied to the determination of all DA values will achieve more standardized visibility minimums for 3-D approach procedures.

POLICY. For all 3-D approach procedures, publish the DA value in 1-foot increments.

Please contact Donald Pate, AFS-420, at (405) 954-4164 with any questions concerning this policy.


John W. McGraw

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