



Federal Aviation Administration

Memorandum

Date: JUN 22 2010

To: Chas. Frederic Anderson, Manager, Aeronautical Navigation Services, AJW-37

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

Subject: Clarification on Missed Approach Climb Gradient Application

Federal Aviation Administration (FAA) Order 8260.52, United States Standard for Required Navigation Performance (RNP) Approach Procedures with Special Aircraft and Aircrew Authorization Required (SAAAR), enabled standard missed approach climb gradients, not to exceed 425 feet per nautical mile, for RNP SAAAR. FAA Order 8260.54A, United States Standard for Area Navigation (RNAV), modified the missed approach evaluation in order to enable the same missed approach climb gradients.

The Instrument Landing System/Microwave Landing System (ILS/MLS) missed approach evaluation, through section 1, is identical to that of a RNAV (GPS) or RNAV (RNP) missed approach. Therefore, ILS, MLS, RNAV (GPS) and RNAV (RNP) approach procedures may be designed with a missed approach climb gradient not to exceed 425 feet per nautical mile without waiver approval. A missed approach climb gradient for any other type approach procedure requires waiver approval by Flight Standards Service.

In Accordance With (IAW) FAA Order 8260.19, paragraph 856e(2), when a missed approach climb gradient is published, a line of minima will be published to support a standard 200 feet per nautical mile climb gradient (400 feet per nautical mile for Copter).

If you have any questions, please contact Mr. Danny Hamilton, Manager, Flight Procedures Implementations and Oversight Branch, AFS-460, at (405) 954-9359.