

PRECISION AREA NAVIGATION

By virtue of Section 52 of the Aviation Act (281/1995) and with regard to ICAO (International Civil Aviation Organization) Doc 8168 (*Procedures for Air Navigation Services - Aircraft Operations, Vol. II*), to the document *Guidance Material for the Design of Terminal Procedures for DME/DME and GNSS Area Navigation*, issued by the European Organisation for the Safety of Air Navigation (Eurocontrol), and to the document TLG 10 *Temporary Guidance Leaflet No. 10, Airworthiness and Operational Approval for Precision RNAV Operations in designated European Airspace*, issued by the Joint Aviation Authorities (JAA), the Civil Aviation Administration has decided as follows:

1 §

Objective

The objective of this decision is to enable air traffic to use route navigation systems efficiently and expediently, and at the same time to guarantee that at least the present safety level for air traffic is maintained.

2 §

Applicability

The provisions of this decision apply to air traffic within the flight information regions of Finland in control zones and terminal areas so designated in the Aeronautical Information Publication (AIP) of Finland. This decision does not apply to flights with state aircraft.

3 §

Definitions

For the purposes of this decision:

- 1) RNAV means area navigation.
- 2) *Precision area navigation (P-RNAV)* means navigation with equipment having a navigation precision of ± 1.85 km (± 1 NM) or better during 95 % of the flight time.
- 3) *ICAO Doc 8168* means the International Civil Aviation Organization document on planning of navigation methods, as valid at the date of issue of this decision. Information in Finnish, Swedish and English on that document may be obtained from the Air Navigation Services Department, Civil Aviation Administration, tel. (09) 82771.
- 4) *Eurocontrol document Guidance Material for the Design of Terminal Procedures for DME/DME and GNSS Area Navigation* means the document on planning criteria and RNAV methods, issued by the

European Organisation for the Safety of Air Navigation (Eurocontrol). Information in Finnish, Swedish and English on that document may be obtained from the Air Navigation Services Department, Civil Aviation Administration, tel. (09) 82771.

5) *THL 10* means the document on airworthiness of aircraft and operational approval for precision area navigation, issued by the Joint Aviation Authorities (JAA). Information in Finnish, Swedish and English on that document may be obtained from the Flight Safety Authority, Civil Aviation Administration, tel. (09) 82771.

4 §

Requirements regarding aircraft and their operators

Aircraft and their operators shall, for flight operations in accordance with RNAV methods issued in the Aeronautical Information Publication, be approved for precision area navigation (P-RNAV), unless the Civil Aviation Administration for special reasons has determined otherwise.

5 §

Entry into force

This decision shall enter into force on 28 November 2002. The Civil Aviation Administration shall, when necessary, issue more specific information and guidelines concerning the application of this decision in the Aeronautical Information Publication of Finland.

The Civil Aviation Administration, Vantaa, 9 July 2002.

Director General Mikko Talvitie