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AIC

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**REQUIREMENT FOR AREA NAVIGATION (RNAV)**  
**ON THE REVISED SOUTH CHINA SEA ROUTES STRUCTURE**

1. This Aeronautical Information Circular serves as Notice of Intent to implement RNAV routes in Bangkok FIR. Starting 1 November 2001 only aircraft equipped with RNAV system would be able to fly on the RNAV route in the revised South China Sea ATS routes structure which forms part of the Bangkok FIR. Aircraft that are not RNAV compliant will be cleared to fly only on non-RNAV routes.

2. RNAV is a method which permits aircraft operating on any desired flight path within the coverage the associated navigation aids, or within the limits of the capability of self-contained aids, or a combination of these aids.

3. RNAV equipment is considered to be that equipment which operates by automatically determining aircraft position from following sensors with the means to establish and follow a desired path;

- a. VOR/DME, DME/DME, GNSS or LORAN-C ;and
- b. INS or IRS

4. The training requirements of operators in respect of equipment and operating procedure for RNAV equipment including RNP performance should be adequately covered in the relevant operations and training manuals.

5. For further information on the aircraft and operation approval procedure, the following office may be contacted;

Department of Aviation  
Air Safety Division  
71 Ngarmdu-Plee, Tung Mahamek,  
Bangkok 10120 THAILAND  
Phone : 66-2-287-1968  
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