BRUNEI AIRSPACE WITHIN THE KOTA KINABALU FIR

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

1. In view of the structure of the Brunei Terminal Control Area, which is situated within the Kota Kinabalu FIR, AIC 07/2001 items 1 – 4 dated 01 August issued by Malaysia for Kota Kinablu FIR applies to Brunei Airspace. A copy is attached for ease of reference.

2. The Operation – Airworthiness Section of Department of Civil Aviation is responsible for issuing the aircraft approval to Brunei-registered with regards to the RNAV system and aircraft operations.

3. For further information on the aircraft and operations approval, please contact:

   Chief Operation Officer  
   Operation Section  
   Department of Civil Aviation  
   Ministry of Communications  
   Brunei International Airport BB 2513  
   Negara Brunei Darussalam  
   Phone : 673-2-330142  
   Fax : 673-2-345345

AWG HJ KASIM BIN HJ LATIP  
Director of Civil Aviation  
Department of Civil Aviation  
Negara Brunei Darussalam.
REQUIREMENT FOR AREA NAVIGATION (RNAV) ON THE
REVISED SOUTH CHINA SEA ROUTES

1. This Aeronautical Information Circular serves as Notice of Intent to implement a number of new RNAV routes in the Kuala Lumpur FIR and Kota Kinabalu FIR on 1 November 2001.

2. RNAV is a method which permits aircraft navigation along any desired flight path within the coverage of the associated navigation aids, or within the limits of the capability of self contained aids, or a combination of these methods. For the purpose of this AIC, RNAV equipment is considered to be that equipment which operates by automatically determining aircraft position from one, or a combination, of the following sensors with the means to establish and follow a desired path:
   
   a) VOR/DME
   b) DME/DME
   c) INS
   d) LORAN C
   e) GNSS

3. Commencing at 0300 UTC on 1 November 2001, only aircraft equipped with RNAV systems will be permitted to fight plan on the following RNAV routes within the Kuala Lumpur FIR and Kota Kinabalu FIR.

3.1 List of RNAV routes in Kuala Lumpur FIR

   a) L629
   b) L635
   c) L642
   d) N751
   e) M758
   f) M761
   g) M763
   h) M765
   i) M771
   j) N884
   k) N891
   l) N892
3.2 List of RNAV routes in Kota Kinabalu FIR

a) M754
b) M758
c) M759
d) M761
e) M768

3.3 Aircraft which are not RNAV compliant will be required to flight plan on non-RNAV routes. Details of the ATC/RNAV routes will be published in the follow-up AIP Supplement.

4. RNAV routes will be implemented in the Kuala Lumpur FIR and Kota Kinabalu FIR in accordance with ICAO Regional Agreements.

5. The Airworthiness Division DCA Malaysia is responsible for issuing the aircraft approval with regards to the RNAV system while the Flight Operations and Safety Division is responsible for issuing the aircraft operations approval.

6. The procedures for Airworthiness Approval is given in Airworthiness Notice No. 77 dated 1 March 2000.

7. For further information on the aircraft and operations approval, the following offices may be contacted:

a) Idros Abd. Rahman
   Airworthiness Division
   Phone: 03 - 88966101
   Fax: 03 - 88901504

b) Capt. Sukaimi Bin Yahya
   Flight Operation and Safety Division
   Phone: 03 - 88966299
   Fax: 03 - 88991541

c) Maniam Appadurai
   Air Traffic Services Division
   Phone: 03 - 7465233
   Fax: 03 - 7472997


DATO’ IR KOK SCO CHON
Director General
Department of Civil Aviation
Malaysia