

## GEN 2. TABLES AND CODES

### GEN 2.1 MEASURING SYSTEM, AIRCRAFT MARKING, HOLIDAYS

#### 1. UNITS OF MEASUREMENT

Aeronautical stations within KINABALU FIR for air and ground operations will use the table of units of measurement shown below in.

<i>For measurement of</i>	<i>Units used</i>
Distance used in navigation position reporting, etc.- Generally in excess of 2 to 3 nautical miles.	NAUTICAL MILES (NM) AND TENTHS
Relatively short distances such as those relating to Aerodrome ( e.g. runway lengths ) Aerodrome (e.g. runway lengths)	METERS (M)
Altitudes, elevations and heights	METERS (M) OR FEET (FT)
Horizontal speed, including wind speed.	KNOTS (KT)
Vertical speed	FEET PER MINUTE (FT / MIN)
Wind direction for landing and taking-off	DEGREES MAGNETIC (°M)
Wind direction except for landing and taking-off.	DEGREES TRUE (°T)
Visibility, including runway visual range.	KILOMETERS (KM) OR METRES (M)
Altimeter Setting	HECTOPASCALS (hPa)
Temperature	DEGREES CELSIUS (CENTIGRADE)(°C)
Weight	METRIC TONNES (T) OR KILOGRAMS (KG)
Time	HOURS AND MINUTES, THE DAY OF 24 HOURS BEGINNING AT MIDNIGHT UTC. (HHMM)

#### 2. TIME SYSTEM

- 2.1 Co-coordinated universal time (UTC) is used in air navigation services and in publications issued by the Aeronautical Information Service. Reporting of time is expressed to the nearest full minute, e.g. 12:40:35 is reported as 1241. Local time is 8 hours ahead of UTC. Time checks to aircraft are accurate to within 30 seconds.

#### 3. GEODETIC REFERENCE DATUM

##### 3.1 Name / designation of datum

All published geographical coordinates in the Kinabalu FIR indicating latitude and longitude are expressed in term of the World Geodetic System - 1984 (WGS-84) geodetic reference datum.

3.2 **AREA OF APPLICATION**

The area of application for the published geographical coordinates coincides with the area of responsibility of the Aeronautical Information Service, i.e. the entire territory of the Negara Brunei Darussalam as well as the airspace over the high sea encompassed by the Kinabalu Flight Information Region in accordance with the regional air navigation agreement.

4. **AIRCRAFT NATIONALITY AND REGISTRATION MARKS**

4.1 The nationality mark for aircraft registered in Negara Brunei Darussalam are the letter V and figure 8. The nationality mark is followed by a hyphen and a registration mark consisting of 3 letters, e.g. V8-UEB.

5. **PUBLIC HOLIDAYS.**

New Years day	1st January
1st day of Fasting Month *	#
Nuzul Al-Quran *	#
Chinese New Year	in accordance to Lunar Calendar
Hari Raya Aidilfitri *	#
Brunei National Day	23rd February
Hari Raya Aidiladha *	#
Muslim Calendar Hijrah *	#
RBAF anniversary	31st May
His Majesty's Birthday The Sultan of Brunei Darussalam.	15th July
Prophet Mohammed's Birthday *	#
Israk Mekraj *	#
Christmas Day	25th December

\* - Subject to alteration.

# - In accordance to Muslim's Calendar