GEN 2 TABLES AND CODES

GEN 2.1 MEASURING SYSTEM, AIRCRAFT MARKING, HOLIDAYS

2.1.1 UNITS OF MEASUREMENT

The table of units of measurement shown in paragraph 3.2 is used for the dissemination of information and in messages transmitted to aircraft.

2.1.2 TEMPORAL REFERENCE SYSTEM

Co-ordinated Universal Time (UTC) is used in the air traffic and communication services and in documents published for international distribution by the Aeronautical Information Service. Reporting of time is expressed to the nearest 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.

2.1.3 HORIZONTAL REFERENCE SYSTEM

2.1.3.1 Name/designation of system

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

2.1.3.2 Parameters of the Projection

Projection is expressed in terms of Conical Conformal Projection.

Measurement of	*Units*
Distance used in navigation, position report, etc. - generally in excess of 4000m	* Kilometres (km) or Nautical miles (NM)
Relatively short distances such as those relating to aerodromes (e.g. runway lengths)	Metres (m)
Altitudes, elevations and heights	Metres (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	Metres (m) or Kilometres (km)
Altimeter Setting	Hectopascals (hPa)
Temperature	Degrees Celsius (Centigrade) (°C)
Weight	Metric tonnes (t) or kilogrammes (kg)
Time	Hours and minutes, the day of 24 hours beginning at midnight UTC (hhmm)
* International nautical miles, for which conversion into metres is given by: 1 international NM = 1852 metres	

2.1.3.3 Ellipsoid

Ellipsoid is expressed in terms of the World Geodetic System – 1984 (WGS-84) ellipsoid.

2.1.3.4 Datum

The World Geodetic System – 1984 (WGS-84) is used.

2.1.3.5 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 Singapore as well as the airspace over the high seas encompassed by the Singapore Flight Information Region.

2.1.3.6 Use of an asterisk to identify published geographical coordinates

An asterisk (*) will be used to identify those published geographical coordinates which have been transformed into WGS-84 coordinates but whose accuracy of original field work does not meet the requirements in ICAO Annex 11, Chapter 2 and ICAO Annex 14, Volume I, Chapter 2. Specifications for determination and reporting of WGS-84 coordinates are given in ICAO Annex 11, Chapter 2 and ICAO Annex 14, Volume I, Chapter 2.

2.1.4 VERTICAL REFERENCE SYSTEM

2.1.4.1 Name/designation of system

The vertical reference system corresponds to mean sea level (MSL).

2.1.4.2 Geoid model

The geoid model used is the Earth Gravitational Model 1996 — (EGM-96).

2.1.5 AIRCRAFT NATIONALITY AND REGISTRATION MARKS

The nationality mark for aircraft registered in Singapore is the figure 9, followed by the letter V, i.e., 9V. The nationality mark is followed by a hyphen and a registration mark consisting of a three-letter group, e.g., 9V-BAA.

2.1.6 PUBLIC HOLIDAYS IN SINGAPORE

The following dates are notified as public holidays:

Name of Holiday	Date	Day
Christmas Day	25 December 2024	Wednesday
New Year's Day	01 January 2025	Wednesday
Chinese New Year	29 January 2025	Wednesday
	30 January 2025	Thursday
Hari Raya Puasa	31 March 2025	Monday
Good Friday	18 April 2025	Friday
Labour Day	01 May 2025	Thursday
Vesak Day	12 May 2025	Monday
Hari Raya Haji	07 June 2025	Saturday
National Day	09 August 2025	Saturday
Deepavali	20 October 2025	Monday
Christmas Day	25 December 2025	Thursday