

GEN 2. TABLES AND CODES**GEN 2.1 MEASURING SYSTEM, AIRCRAFT MARKINGS, and HOLIDAYS.****1. Unit of measurement**

The table of units of measurement shown below will be used by aeronautical station within Bhutan for air and ground operations.

<i>For measurement of</i>	<i>Unit used</i>
Distance used in navigation, position reporting, etc.- Generally in excess of 2 nautical miles.	Nautical Miles and tenths
Relatively short distance such as those relating to aerodromes (e.g. runway lengths)	Metres
Altitudes, elevations and heights	Feet
Horizontal speed including wind speed	Knots
Vertical Speed	Feet per minute
Wind direction for landing and taking takeoff	Degrees Magnetic
Wind direction except for landing and takeoff	Degrees True
Visibility including runway visual range	Kilometres or metres
Altimeter setting	Hactopascal
Temperature	Degrees Celsius
Weight	Metric tonnes /Kilograms/lbs
Time	Hours and minutes, beginning at midnight UTC

2. Temporal reference System***General***

Co-ordinated Universal Time (UTC) and Gregorian calendar are used by air navigation services and in publications issued by the Aeronautical Information Service. Reporting of time is expressed to the nearest minutes, e.g. 10:25:35 is reported as 1026.

The Local time in Bhutan is UTC plus 6 hours.

3. Horizontal reference system**3.1 *Name/designation of system***

All published geographical co-ordinates indicating latitude and longitude are expressed in World Geodetic System – 1984 (WGS-84) geodetic reference datum.

3.2 *Area of application*

The area of application for the published geographical co-ordinate coincides with the area of responsibility of the Aeronautical Information Service. i.e. the entire territory of Bhutanese airspace .

4. Vertical Reference system**4.1 *Name/designation of system***

The Vertical Reference system corresponds to mean sea level (MSL).

4.2 *Geoid model*

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

5. Aircraft nationality and registration marks

The nationality mark for aircraft registered in Bhutan is the letter A5. The nationality mark is followed by a hyphen and a registration mark consisting of 3 letters, e.g. A5- RGD

6. Public Holidays

<i>Name/ Occasion</i>	<i>Date/Month</i>
1. <i>Birth Anniversary of 5th King of Bhutan.</i>	<i>21st – 23rd Feb</i>
2. <i>Birth Anniversary of 3rd King of Bhutan</i>	<i>2nd May</i>
3. <i>Coronation day of 5th King of Bhutan</i>	<i>1st November</i>
4. <i>Birth Anniversary of 4th King of Bhutan</i>	<i>11 November</i>
5. <i>National Day of Bhutan</i>	<i>17 December</i>
7. <i>*Lord Buddha's Parinirvana</i>	-
8. <i>*Bhutanese Year (Losar)</i>	-
9. <i>*Birth Anniversary of Guru Rimpoche</i>	-
10. <i>*The 1st Sermon of Lord Buddha</i>	-
11. <i>*Death Anniversary of Zhabdrung (Zhabdrung Kunchoe)</i>	-
12. <i>*Blessed Rainy Day</i>	-
13. <i>*Winter Solstice (Nyinlog)</i>	-
14. <i>*Traditional Day of Offerings</i>	-
15. <i>*Descending Day of Lord Buddha for Heaven</i>	-
16. <i>*Dasain</i>	-
17. <i>* Local Annual Festivals (Tshechu)</i>	-

**Note:- The actual Date/Month are not fixed but observed as per the Bhutanese calendar which is announced at the beginning of the each year*