

## GEN 2. TABLES AND CODES

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

#### 1. Units of measurement

The table of units of measurement shown below will be used by aeronautical stations within KATHMANDU FIR for air and ground operations.

For measurement of	Units used
Distance used in navigation, position reporting, etc. – generally in excess of 2 nautical miles	Nautical miles and tenths
Relatively short distances such as those relating to aerodromes (e.g. runway lengths)	Meters
Altitudes, elevations and heights	Feet
Horizontal speed including wind speed	Knots
Vertical speed	Feet per minute
Wind direction for landing and taking off	Degrees magnetic
Wind direction except for landing and taking off	Degrees true
Visibility, including runway visual range	Kilometers or meters
Altimeter setting	Hectopascal
Temperature	Degree Celsius
Weight	Metric tones or kilograms
Time	Hours and minutes, beginning at midnight UTC

#### 2. Temporal reference system

##### 2.1. *General*

Co-ordinated Universal Time (UTC) and the 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 minute, e.g. 12:40:35 is reported as 1241. Local time is 5 hours and 45 minutes ahead of UTC. Time checks to aircraft are accurate to within 30 seconds.

### 3. **Horizontal reference system**

#### 3.1. *Name / designation of system*

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

#### 3.2. *Projection*

Projection is expressed in term as Universal Transverse Mercator (UTM).

#### 3.3. *Ellipsoid*

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

#### 3.4. *Datum*

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

#### 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 Nepal.

#### 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 co-ordinates, but whose accuracy of original field work does not meet the accuracy requirements in Annex 11, Chapter 2 and Annex 14, volumes I and II, chapter 2.

### 4. **Vertical reference system**

#### 4.1. *Name/designation of system*

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

### 5. **Aircraft nationality and registration Marks**

The nationality mark for aircraft registered in Nepal is the figure 9, followed by the letter N i.e. 9N. The national mark is followed by a hyphen and a registration mark consisting of 3 letters, e.g. 9N - ABA.

**6. Public holidays 2018/2019**

S.N	Name of the Holiday	Date	Remark
1	Buddha Jayanti	30Apr	
2	May Day	1 May	
3	Gai Jatra	27 Aug	Only for Kathmandu Valley
4	Teej Festival	12 Sept	Only for Woman
5	Constitution Day	19 Sept	
6	Indra Jatra	24 Sept	Only for Kathmandu Valley
7	Dashain Festival	16 Oct - 20 Oct	
8	Tihar Festival	7 Nov – 9 Nov	
9	Chhath Pooja	13 Nov	Only for concerned
10	Christmas Day	25 Dec	Only for concerned
11	Tamu Lasar	30 Dec	Only for concerned
12	Maghe Sankranti	15 Jan 2019	Only for concerned
13	Sonam Loshar	5 Feb	Only for concerned
14	Maha Shivaratri	4 Mar	
15	Galpo Loshar	7 Mar	Only for concerned
16	International Woman Day	8 Mar	
17	Fagu Poornima	20 Mar	Only for Hilly Region
18	Fagu Poornima	21 Mar	Only for Terai Region
19	Ghode Jatra	5 Apr	Only for Kathmandu

**Note.**

1. Every Saturday is Holiday.
2. Every year on 31<sup>st</sup> December is Holiday for CAAN Staffs due to CAAN Day.
3. Days of above listed holidays may vary every year and list of holidays applicable for each calendar year will be published as an AIP Amendment in April every year