

### 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.