# GEN 2 Tables and Codes

## GEN 2.1 Measuring system, aircraft markings, holidays

### 1 Units of measurement

The following table of units of measurement will be used by aeronautical stations within YEREVAN FIR for air and ground operations.

| For measurement of | Units used |
|---|---|
| Distance used in navigation, position reporting | Nautical miles |
| Relatively short distances such as those relating to aerodromes (e.g. runway lengths) | Meters |
| Altitudes, elevations and heights | Feet |
| Horizontal speed | Knots or Mach number |
| 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 | Hg, Hectopascal, millibar |
| Temperature | Degrees Celsius |
| Weight | Metric tonnes or Kilograms |
| Time | Hours and minutes, beginning at midnight UTC |

### 2 Temporal reference system

#### *General*

Coordinated Universal Time (UTC) is used by air navigation services and in publications issued by the Aeronautical Information Service.
Reporting of time is expressed by the nearest minute, e.g. 12:40:35 is reported 1241.
Local time in the Republic of Armenia is UTC plus 4 hours

### 3 Horizontal reference system

#### *3.1 Name/designation of datum*

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 of Universal Transverse Mercator (UTM).

#### *3.3 Ellipsoid*

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

#### *3.4 Datum*

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

#### *3.5 Area of application*

Area of application for the published geographical co-ordinates coincides with the area of responsibility of the Aeronautical Information Service, i.e. the entire territory of the Republic of Armenia as well as the airspace encompassed by the Yerevan Flight Information Region in accordance with the regional air navigation agreement.

#### *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

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*ICAO Annex 14*, Volumes I and II, Chapter 2. Specifications for determination and reporting of WGS-84 coordinates are given in *ICAO Annex 11*, Chapter 2 and in *ICAO Annex 14*, Volumes I and II, Chapter 2.

## 4 Vertical reference system

### *4.1 Name/destination 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 national mark for Civil Aircrafts of the Republic of Armenia consists of two Latin capital letters-EK. The Registration mark (number) can consist of within five Arabic numbers which is issued by the Civil Aviation Committee of the Republic of Armenia and is recorded after the national mark.

## 6 Public holidays and memorial days

| Name | Date/Day |
|---|---|
| New Year’s Day | 1-2 January |
| Christmas | January 6 |
| National Army Day | January 28 |
| International Women’s Day | March 8 |
| Genocide Memorial Day | April 24 |
| International Workers Solidarity Day | May 1 |
| Victory and Peace Day | May 9 |
| First Republic Day | May 28 |
| Constitution Day | July 5 |
| Independence Day | September 21 |
| New Year’s Eve | December 31 |


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