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

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