GEN 2. TABLES AND CODES

GEN 2.1 MEASURING SYSTEM, AIRCRAFT MARKINGS, HOLIDAYS

GEN 2.1.1 Units of Measurement

The table of units of measurement shown below will be used by aeronautical stations within the Windhoek 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 airports (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 off	Degrees Magnetic
Wind direction except for landing and taking off	Degrees True
Visibility including runway visual range	Kilometres or metres
Altimeter setting	Hectopascal
Temperature	Degrees Celsius
Weight	Metric tons or Kilograms
Time	Hours and minutes, beginning at midnight UTC

GEN 2.1.2 Temporal Reference System

General

Co-ordinated Universal Time (UTC) is 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. Time checks to aircraft are accurate to within 5 seconds.

GEN 2.1.3 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 Parameters of the Projection

NIL INFO

3.3 Ellipsoid

NIL INFO

3.4 Datum

NIL INFO

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 The Republic of Namibia encompasses by the FYWF FIR.

3.6 Use of an asterisk to identify published geographical coordinates

An asterisk (*) will be used to identify those published geographical coordinates which are not expressed in WGS-84 coordinates and whose accuracy of original field work does not meet the accuracy requirements in Annex 11, Chapter 2 and Annex 14, Volume I and II, Chapter 2.

Note: Guidance material on the aeronautical data quality requirements is contained in the World Geodetic System-1984 (WGS-84) manual, Doc 9674.

GEN 2.1.4 Vertical Reference System

4.1 Name/designation of system

Mean sea level (MSL) datum, must be used as the vertical reference system for air navigation.

4.2 Geoid model

The Earth Gravitational Model – 1996 (EGM-96), must be used by international air navigation as the global gravity model.

GEN 2.1.5 Aircraft Nationality and Registration Marks

The nationality mark for aircraft registered in Namibia is V5. The nationality mark is followed by a hyphen and a registration mark consisting of letters e.g. V5-ABC.

GEN 2.1.6 Public Holidays

Name	Date/Day
New Year's Day	01 January
Independence Day	21 March
International Workers Day	01 May
Cassinga Day	04 May
Africa Day	25 May
Genocide Remembrance Day	28 May
Heroes' Day	26 August
International Human Rights Day	10 December
Christmas Day	25 December
Family Day	26 December

Note: When a public holiday falls on a Sunday the following Monday shall also be a public holiday unless that Monday is a public holiday. Some administrative services may not be available and banks and other institutions may not be open on these days.

Good Friday, Easter Day, Easter Monday and Ascension Day are also recognised Public Holidays, but the dates are determined yearly.

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