GEN 2.1 MEASURING SYSTEM, AIRCRAFT MARKINGS, LEGAL HOLIDAYS

1 Units of measurement

The following table of units shall be used in all communication with ATS units within Lusaka FIR for all air and ground operations. Deviations from the table will only be accepted on request from aircraft temporarily unable to make use of the units specified.

Dimensions Required	**Unit**
Distance used in navigation	Nautical miles and tenths
Relatively short distances	Metres
Runways, Taxiways etc. Altitudes Elevations, Height i.e Vertical Distances.	Feet (1) metres (2)
Horizontal speed	Knots
Vertical speed	Feet per minute (1) Metres /second (2)
Wind speed	Knots
Wind direction for landing and Take-off	Degrees magnetic
Wind direction for all other purposes	Degrees true
Cloud altitude and height	Feet (1) Metres (2)
Visibility	Metres, kilometres
Altimeter setting	Hecto pascals
Temperature	Centigrade (Celsius)
Weight	Kilograms
Time	Hours, minutes and seconds, (the day of 24 hours beginning at midnight UTC)

2 Temporal Reference System

Coordinated Universal Time (UTC) is used in the air traffic, communication and meteorological services and in documents published by the Aeronautical Information Services.

3 Horizontal Reference System

3.1 Name/designation of datum

All published geographical co-ordinates indicating Latitude and Longitude are expressed in terms of the World Geodetic System 1984 (WGS-84).

3.2 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 Zambia (Lusaka Flight Information Region).

3.3 Use of an astrisk to identify published geographical coordinates

An asterisk (*) will be used to identify those published geographical coordinates which have been transformed into WGS-84 coordinates published through out the entire FIR from FL245 to unlimited.

4 Aircraft nationality and registration marks

The nationality mark of Zambian civil aircraft consists of the figure 9 and the letter J- 9J. The nationality mark is followed by a hyphen- and a registration mark consisting of three letters. Example 9J-DCA or CAA

5 Public holidays

Public Holidays

Name of holiday	***Day***
New Years Day	01 January
International Womens day	08 March
Youth Day	12 March
Good Friday	29 March
Holy Saturday	30 March
Easter Monday	01 April
Kenneth Kaunda Day	28 April

Name of holiday	***Day***
Labour Day	01 May
Africa Freedom Day	25 May
Heroes Day	01 July
Unity Day	02 July
Farmers Day	05 August
Day of National Prayer, Fasting and Reconciliation	18 October
Independence Day	24 October
Christmas Day	25 December

Note:1 Some administrative services may not be available and banks and other instituitions may not be open from Noon of 23rd October, 24th and 31st December.
Note:2 Easter Holidays may come on different dates depending on the synchronisation with Religious Calendar