

GEN 2. TABLES AND CODES

GEN 2.1 MEASURING SYSTEM, AIRCRAFT MARKINGS, HOLIDAYS

**1. Units of measurement**

The table of units of measurement shown below will be used by aeronautical stations within Israel FIR for air and ground operations.

**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 nearest minute e.g. 12:40:35 is reported as: 12:41.

In the AIP and associated publications, the expression "summer period" will indicate that part of the year in which "daylight saving time" is in force. The other part of the year will be named the "winter period". Daylight saving time in Israel is UTC plus 3 hours. The "winter period" in Israel is UTC plus 2 hours. The "summer period" will be introduced every year by NOTAM.

**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. Ellipsoid**

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

**3.3. Datum**

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

**3.4. Area of application**

The area of application for the published geographical coordinates coincides with the area of responsibility of the Aeronautical Information Service.

**3.5. 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, Volume 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).

**4.2 Geoid model**

The geoid model used is the Earth Gravitational Model 1996 – (EGM-96).

<i>For measurement of</i>	<i>Units used</i>
Distance (long - in excess of 4 000 m)	Nautical mile (NM) or Metre (m)
Distance (short – less than 4 000 m)	Metre (m)
Altitude, elevation and height	Feet (ft)
Horizontal speed including wind speed	Knot (kt) or MACH number (M)
Vertical speed	Feet per minute (ft/min)
Wind direction for landing and take-off	Degree magnetic
Wind direction, except for landing and take-off	Degree true
Visibility, including Runway Visual Range	Kilometre (km) or metre (m)
Altimeter setting	Hectopascal (hPa)
Temperature	Degrees Celsius
Gross Mass or Payload	Tonne or kilogram
Time	Hours, minutes, seconds beginning at midnight UTC unless local time is stated

**5. Aircraft nationality and registration marks**

hyphen and a registration mark consisting of 3 letters, e.g. 4X-AWH.

The nationality mark for aircraft registered in the State of Israel are the letters 4X. The nationality mark is followed by a

**6. Public Holidays & Memorial Days**

From 1.1.2012 to 31.12.2016 (Calendar source: [http://tzura.co.il//thesite/hebrew\\_calendar.asp](http://tzura.co.il//thesite/hebrew_calendar.asp))

<i>Name</i>	2016 <i>Date / Day</i>	2017 <i>Date / Day</i>	2018 <i>Date / Day</i>	2019 <i>Date / Day</i>	2020 <i>Date / Day</i>
Passover's eve	22.04 Friday	10.04 Monday	30.03 Friday	19.04 Friday	8.04 Wednesday
Passover	23.04 Saturday	11.04 Tuesday	31.03 Saturday	20.4 Saturday	9.04 Thursday
Passover's 7th Day	29.04 Friday	17.04 Monday	6.04 Friday	26.4 Friday	15.04 Wednesday
Holocaust Memorial Day	05.05 Thursday	24.4 Monday	12.04 Thursday	2.05 Thursday	21.04 Tuesday
Memorial Day's eve	10.05 Tuesday	30.4 Sunday	17.04 Tuesday	7.05 Tuesday	27.04 Monday
Memorial Day	11.05 Wednesday	1.5 Monday	18.04 Wednesday	8.05 Wednesday	28.04 Tuesday
Independence Day	12.05 Thursday	2.5 Tuesday	19.04 Thursday	9.05 Thursday	29.04 Wednesday
Shavouoth	12.06 Sunday	31.5 Wednesday	20.5 Sunday	9.06 Sunday	29.05 Friday
Jewish New Year's eve	02.10 Sunday	20.9 Wednesday	9.09 Sunday	29.09 Sunday	18.09 Friday
Jewish New Year's 1st Day	03.10 Monday	21.9 Thursday	10.09 Monday	30.09 Monday	19.09 Saturday
Jewish New Year's 2nd Day	04.10 Tuesday	22.9 Friday	11.9 Tuesday	1.10 Tuesday	20.09 Sunday
Yom Kippur's eve (Day of Atonement eve)	11.10 Tuesday	29.9 Friday	18.9 Tuesday	8.10 Tuesday	27.09 Sunday
Yom Kippur (Day of Atonement)	12.10 Wednesday	30.9 Saturday	19.9 Wednesday	9.10 Wednesday	28.09 Monday
Sukkot's eve	16.10 Sunday	4.1 Wednesday	23.9 Sunday	13.10 Sunday	2.10 Friday
Sukkot	17.10 Monday	5.10 Thursday	24.9 monday	14.10 monday	3.10 Saturday
Sukkot's 8th Day	24.10 Monday	12.10 Thursday	1.10 monday	21.10 monday	10.10 Saturday

- (1) During Memorial Day's eve: Tel-Aviv/Ben-Gurion Airport, as well as the western part of the TMA (from LLBG to the coastline) are closed to all flights (civil and military), between 20:00-21:00 local time.  
Tel-Aviv/Sde Dov Airport & CTR are closed to all flights (civil and military) between 19:50-21:30 local time.
- (2) During Memorial Day, between 11:00-12:00 local time, the aerodromes of Tel-Aviv/Ben Gurion, Tel-Aviv/Sde Dov, Herzlia, Haifa, Rosh-Pina and Eilat, and the western part of the TMA (from LLBG to the coastline) will be closed to all traffic (civil and military).
- (3) During the sounding of siren, denoting the Holocaust Memorial Day at 10:00 local time, the Memorial Day eve at 20:00 local time, and the Memorial Day at 11:00 local time, no flight shall take off or land within five minutes before and after the sounding of the siren.
- (4) On Day of Atonement, all services are brought to a complete standstill, including all air traffic in Tel-Aviv FIR.
- (5) During Jewish Holidays & Saturdays, administrative services, banks and other institutions are not available. On holiday's eve and Fridays, banks are not open, but some services may be partly available.