

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 1.1.2019 to 31.12.2023 (Calendar source: http://tzura.co.il//thesite/hebrew_calendar.asp)

<i>Name</i>	2020 <i>Date / Day</i>	2021 <i>Date / Day</i>	2022 <i>Date / Day</i>	2023 <i>Date / Day</i>	2024 <i>Date / Day</i>
Passover's eve (5)	8.04 Wednesday	27.03 Saturday	15.04 Friday	5.04 Wednesday	22.04 Monday
Passover	9.04 Thursday	28.03 Sunday	16.04 Saturday	6.04 Thursday	23.04 Tuesday
Passover's 7th Day (5)	15.04 Wednesday	3.04 Saturday	22.04 Friday	12.04 Wednesday	29.04 Monday
Holocaust Memorial Day (3)	21.04 Tuesday	8.04 Thursday	28.04 Thursday	18.04 Tuesday	06.05 Monday
Memorial Day's eve (1) (3)	27.04 Monday	13.04 Tuesday	3.05 Tuesday	24.04 Monday	12.05 Sunday
Memorial Day (2)	28.04 Tuesday	14.04 Wednesday	4.04 Wednesday	25.04 Tuesday	13.05 Monday
Independence Day (5)	29.04 Wednesday	15.04 Thursday	5.05 Thursday	26.04 Wednesday	14.05 Tuesday
Shavuot (5)	29.05 Friday	17.05 Monday	5.06 Sunday	26.05 Friday	12.06 Wednesday
Jewish New Year's eve (5)	18.09 Friday	6.09 Monday	25.09 Sunday	15.09 Friday	02.10 Wednesday
Jewish New Year's 1st Day (5)	19.09 Saturday	7.09 Tuesday	26.09 Monday	16.09 Saturday	03.10 Thursday
Jewish New Year's 2nd Day (5)	20.09 Sunday	8.09 Wednesday	27.09 Tuesday	17.09 Sunday	04.10 Friday
Yom Kippur's eve (4) (5) (Day of Atonement eve)	27.09 Sunday	15.09 Wednesday	4.10 Tuesday	24.09 Sunday	11.10 Friday
Yom Kippur (4) (5) (Day of Atonement)	28.09 Monday	16.09 Thursday	5.10 Wednesday	25.09 Monday	12.10 Saturday
Sukkot's eve (5)	2.10 Friday	20.09 Monday	9.10 Sunday	29.09 Friday	16.10 Wednesday
Sukkot	3.10 Saturday	21.09 Tuesday	10.10 Monday	30.09 Saturday	17.10 Thursday
Sukkot's 8th Day (5)	11.10 Saturday	29.09 Tuesday	18.10 Monday	7.10 Friday	24.10 Thursday

- (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.
- (2) During Memorial Day, between 11:00-12:00 local time, the aerodromes of Tel-Aviv/Ben Gurion, Haifa, and Eilat/Ilan and Asaf Ramon, 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.