

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 1.1.2018 to 31.12.2022 (Calendar source: http://tzura.co.il//thesite/hebrew_calendar.asp)

| Name | 2018 Date / Day | 2019 Date / Day | 2020 Date / Day | 2021 Date / Day | 2022 Date / Day |
|--|--------------------|--------------------|--------------------|--------------------|--------------------|
| Passover's eve (5) | 30.03 Friday | 19.04 Friday | 8.04 Wednesday | 27.03 Saturday | 15.04 Friday |
| Passover | 31.03 Saturday | 20.4 Saturday | 9.04 Thursday | 28.03 Sunday | 16.04 Saturday |
| Passover's 7th Day (5) | 6.04 Friday | 26.4 Friday | 15.04 Wednesday | 3.04 Saturday | 22.04 Friday |
| Holocaust Memorial Day (3) | 12.04 Thursday | 2.05 Thursday | 21.04 Tuesday | 8.04 Thursday | 28.04 Thursday |
| Memorial Day's eve (1) (3) | 17.04 Tuesday | 7.05 Tuesday | 27.04 Monday | 13.04 Tuesday | 3.05 Tuesday |
| Memorial Day (2) | 18.04 Wednesday | 8.05 Wednesday | 28.04 Tuesday | 14.04 Wednesday | 4.04 Wednesday |
| Independence Day | 19.04 Thursday | 9.05 Thursday | 29.04 Wednesday | 15.04 Thursday | 5.05 Thursday |
| Shavuot (5) | 20.5 Sunday | 9.06 Sunday | 29.05 Friday | 17.05 Monday | 5.06 Sunday |
| Jewish New Year's eve (5) | 9.09 Sunday | 29.09 Sunday | 18.09 Friday | 6.09 Monday | 25.09 Sunday |
| Jewish New Year's 1st Day (5) | 10.09 Monday | 30.09 Monday | 19.09 Saturday | 7.09 Tuesday | 26.09 Monday |
| Jewish New Year's 2nd Day (5) | 11.9 Tuesday | 1.10 Tuesday | 20.09 Sunday | 8.09 Wednesday | 27.09 Tuesday |
| Yom Kippur's eve (4) (5) (Day of Atonement eve) | 18.9 Tuesday | 8.10 Tuesday | 27.09 Sunday | 15.09 Wednesday | 4.10 Tuesday |
| Yom Kippur (4) (5) (Day of Atonement) | 19.9 Wednesday | 9.10 Wednesday | 28.09 Monday | 16.09 Thursday | 5.10 Wednesday |
| Sukkot's eve (5) | 23.9 Sunday | 13.10 Sunday | 2.10 Friday | 20.09 Monday | 9.10 Sunday |
| Sukkot | 24.9 Monday | 14.10 Monday | 3.10 Saturday | 21.09 Tuesday | 10.10 Monday |
| Sukkot's 8th Day (5) | 1.10 Monday | 21.10 Monday | 10.10 Saturday | 28.09 Tuesday | 17.10 Monday |

- (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.