

GEN 3.2 AERONAUTICAL CHARTS

1. Responsible services

The Civil Aviation Authority of the state of Israel (CAAI), provides a wide range of aeronautical charts for use by all types of civil aviation. Charts, suitable for preflight planning and briefing, are available for reference at the CAAI eAIP: *Israel eAIP*; and also at aerodrome AIS units, (AIS addresses can be found in GEN 3.1). The charts are produced in accordance with the provisions contained in Annex 4 — Aeronautical Charts. Differences to these provisions are detailed in subsection GEN 1.7.

2. Maintenance of charts

2.1. The aeronautical charts included in the AIP are kept up to date by amendments to the AIP. Information concerning the planning for or issuance of new maps and charts is notified, when applicable, by Aeronautical Information Circular.

2.2. If incorrect information detected on published charts is of operational significance, it is corrected by NOTAM.

3. Purchase arrangements

The charts as listed under 5. of this subsection may be obtained either from:

Israel Online eAIP at, (Free of charge):

http://en.caa.gov.il/index.php?option=com_content&view=article&id=404&Itemid=268

Or from:

Gideon Dan Cartography Design Studio
Sapir Center, Building 3
Givat Shaul I.Z
Jerusalem 95464
Israel
TEL: 972 2 6520464
WEB: WWW.STUDIO-DAN.BIZ

4. Aeronautical chart series available

4.1. The following series of aeronautical charts are produced or will be produced in the future:

- a) Aerodrome/Heliport Chart — ICAO;
- d) Aerodrome Ground Movement Chart — ICAO;
- c) Aircraft Parking/Docking Chart — ICAO;
- d) Aerodrome Obstacle Chart — ICAO — Type A (for each runway);
- e) En-route Chart — ICAO;
- f) Area Chart — ICAO;
- g) Standard Departure Chart — Instrument (SID) — ICAO;
- h) Standard Arrival Chart — Instrument (STAR) — ICAO;
- i) Instrument Approach Chart — ICAO (for each runway and procedure type);

- j) Visual Approach Chart — ICAO.

The charts currently available are listed under 5. of this subsection.

4.2. General description of each series:

- a) *Aerodrome/Heliport Chart* — ICAO. This chart contains detailed aerodrome/heliport data to provide flight crews with information that will facilitate the ground movement of aircraft:

— from the aircraft stand to the runway; and

— from the runway to the aircraft stand;

and helicopter movement:

from the helicopter stand to the touchdown and lift-off area and to the final approach and takeoff area;

— from the final approach and take-off area to the touchdown and lift-off area and to the helicopter stand;

— along helicopter ground and air taxiways; and

— along air transit routes.

It also provides essential operational information at the aerodrome/heliport.

- b) *Aerodrome Ground Movement Chart*- ICAO. This chart is produced for those aerodromes where, due to congestion of information, details necessary for the ground movement of aircraft along the taxiways to and from the aircraft stands and for the parking/docking of aircraft cannot be shown with sufficient clarity on the Aerodrome/Heliport Chart — ICAO.
- c) *Aircraft Parking/Docking Chart* — ICAO. This chart is produced for those aerodromes where, due to the complexity of the terminal facilities, the information to facilitate the ground movement of aircraft between the taxiways and the aircraft stands and the parking/docking of aircraft cannot be shown with sufficient clarity on the Aerodrome/Heliport Chart — ICAO or on the Aerodrome Ground Movement Chart — ICAO.
- d) *Aerodrome Obstacle Chart* — ICAO — Type A (*operating limitations*). This chart contains detailed information on obstacles in the take-off flight path areas of aerodromes.
It is shown in
plan and profile view. This obstacle information, in combination with an Obstacle Chart — ICAO — Type C, provides the data necessary to enable an operator to

comply with the operating limitations of Annex 6, Parts I and II, Chapter 5.

- e) *Precision Approach Terrain Chart — ICAO.* This chart provides detailed terrain profile information within a defined portion of the final approach so as to enable aircraft operating agencies to assess the effect of the terrain on decision height determination by the use of radio altimeters. This chart is produced for all precision approach Cat II and III runways.
- f) *En-route Chart — ICAO.* This chart is produced for the entire Israel FIR, The aeronautical data include all aerodromes, prohibited, restricted and danger areas and the air traffic services system in detail. The chart provides the flight crew with information that will facilitate navigation along ATS routes in compliance with air traffic services procedures.
- g) *Area Chart — ICAO.* This chart is produced when the air traffic services routes or position reporting requirements are complex and cannot be shown on an En-route Chart — ICAO.

It shows, in more detail, those aerodromes that affect terminal routings, prohibited, restricted and danger areas and the air traffic services system. This chart provides the flight crew with information that will facilitate the following phases of instrument flight:

- the transition between the en-route phase and the approach to an aerodrome;
- the transition between the take-Off/missed approach and the en-route phase of flight; and
- flights through areas of complex ATS routes or airspace structure.

- h) *ATC Surveillance Minimum Altitude Chart — ICAO.* This chart is supplementary to the Area Chart and provides information which will enable flight crews to monitor and cross-check altitudes assigned while under radar control.
- i) *Standard Departure Chart -- Instrument (SID) — ICAO.* This chart is produced whenever a standard departure route — instrument has been established and cannot be shown with sufficient clarity on the Area Chart — ICAO.
The aeronautical data shown include the aerodrome of departure, aerodrome(s) which affect the designated standard departure route — instrument, prohibited, restricted and danger areas and the air traffic services system. This chart provides the flight crew with information that will enable them to comply with the designated standard departure route — instrument from the take-off phase to the en-route phase.
- j) *Standard Departure Route -- Visual.* This chart is produced whenever a standard departure route — Visual has been established. A standard departure

route is aimed for controlled VFR flights which terminate at a significant point. The aeronautical data shown include the aerodrome of departure, aerodrome(s) which affect the designated standard departure, prohibited, restricted and danger areas and the air traffic services system. This chart provides the flight crew with information that will enable them to comply with the designated route, from the take-off phase to the en-route phase.

- k) *Standard Arrival Chart — Instrument (STAR) — ICAO.* This chart is produced whenever a standard arrival route — instrument has been established and cannot be shown with sufficient clarity on the Area Chart — ICAO.
The aeronautical data shown include the aerodrome of landing, aerodrome(s) which affect the designated standard arrival route — instrument, prohibited, restricted and danger areas and the air traffic services system. This chart provides the flight crew with information that will enable them to comply with the designated standard arrival route — instrument from the en-route phase to the approach phase.
- l) *Instrument Approach Chart — ICAO.* This chart is produced for all aerodromes used by civil aviation where instrument approach procedures have been established. A separate Instrument Approach Chart — ICAO has been provided for each approach procedure.
The aeronautical data shown include information on aerodromes, prohibited, restricted and danger areas, radio communication facilities and navigation aids, minimum sector altitude, procedure track portrayed in plan and profile view, aerodrome operating minima, etc.
This chart provides the flight crew with information that will enable them to perform an approved instrument approach procedure to the runway of intended landing including the missed approach procedure and where applicable, associated holding patterns.
- m) *Visual Approach Chart — ICAO.* This chart is produced for aerodromes used by civil aviation where:
 - only limited navigation facilities are available; or
 - radio communication facilities are not available; or
 - no adequate aeronautical charts of the aerodrome and its surroundings at 1:500,000 or greater scale are available; or
 - visual approach procedures have been established.

The aeronautical data shown include information on aerodromes, obstacles, designated airspace, visual approach information, radio navigation aids and communication facilities, as appropriate.

5. List of aeronautical charts available

Those chart series marked by an asterisk (*) form part of the AIP

Those chart series marked by (**) the scale is approximated

Title of series	Scale	Name and/or number	Price (NIS)	Date
En-route Chart — ICAO*	1:400,000**	ENR 6-1	60.00	Ref. GEN 0.4
Standard Departure Chart — Instrument (SID) — ICAO* or Standard Departure Route – Visual*	1:100,000**	<p>Eilat</p> <p>LLET (SID) SAMAR 1A, 1B LLET (SID) EITAN 1A LLET (VIS) HADAR Y RWY 21 LLET (VIS) HADAR Z RWY 21</p> <p>Ovda</p> <p>LLOV (SID) NURIT 1A,1B,2C,2D RWY 03L,03R,21L,21R LLOV (SID) NURIT 1E,1F, RWY 21L,21R</p> <p>Ben-Gurion</p> <p>LLBG (SID) RWY 08 PURLA 1B LLBG (SID) RWY 12 PURLA 2C LLBG (SID) RWY 26,30 PURLA 2E, 2F,2F Special LLBG (SID) RWY 08,26 YUVAL 1B, 1E LLBG (SID) RWY 08, 26 MERVA 1G, 1H LLBG (SID) RWY 26,30 LORIM 1E, 1F 1F Special LLBG (SID) RWY 26 TOMAL 3E, SALAM 3E, ESTER 1E, BIRIM 1E LLBG (SID) RWY 08 TOMAL 3B, SALAM 3B, ESTER 1B, BIRIM 1B LLBG (SID) RWY 12 TOMAL 3C, SALAM 3C, ESTER 1C, BIRIM 1C LLBG (SID) RWY 30 TOMAL 3F, SALAM 3F, ESTER 1F, BIRIM 1F LLBG (SID) RWY 30 NAT 3F, 3F Special LLBG (SID) RWY 12 NAT 3C LLBG (SID) RWY 26 SOLIN 3E LLBG (SID) RWY 12 SOLIN 3C LLBG (SID) RWY 03,08,12,21 NAT 1A,1B,1D, PURLA 2G</p> <p>Sde-Dov</p> <p>LLSD (VIS) YOSEF 2A,2B LLSD (VIS) SOLIN 2A,2B</p>	<p>60.00</p> <p>Part of the IAip and NOT sold separately</p>	<p>Ref. GEN 0.4</p> <p>Ref. GEN 0.4</p> <p>Ref. GEN 0.4</p> <p>Ref. GEN 0.4</p> <p>Ref. GEN 0.4</p> <p>Ref. GEN 0.4</p> <p>Ref. GEN 0.4</p> <p>Ref. GEN 0.4</p> <p>Ref. GEN 0.4</p> <p>Ref. GEN 0.4</p> <p>Ref. GEN 0.4</p> <p>Ref. GEN 0.4</p> <p>Ref. GEN 0.4</p> <p>Ref. GEN 0.4</p> <p>Ref. GEN 0.4</p> <p>Ref. GEN 0.4</p> <p>Ref. GEN 0.4</p> <p>Ref. GEN 0.4</p> <p>Ref. GEN 0.4</p> <p>Ref. GEN 0.4</p> <p>Ref. GEN 0.4</p> <p>Ref. GEN 0.4</p> <p>Ref. GEN 0.4</p> <p>Ref. GEN 0.4</p> <p>Ref. GEN 0.4</p> <p>Ref. GEN 0.4</p> <p>Ref. GEN 0.4</p> <p>Ref. GEN 0.4</p> <p>Ref. GEN 0.4</p>

		<p>LLSD (VIS) KANER 2A,2B</p> <p>LLSD (VIS) TOMAL 1A,1B, SALAM 1A,1B, BIRIM 1A,1B, PURLA 1A,1B</p> <p>Eilat/Ilan & Assaf Ramon</p> <p>LLER (RNAV SID) RWY 01 NURIT 1G</p> <p>LLER (RNAV SID) RWY 01 NURIT 1F</p> <p>LLER (RNAV SID) RWY 01 NURIT 1H</p> <p>LLER (RNAV SID) RWY 01 NURIT 1I</p> <p>LLER (RNAV SID) RWY 19 NURIT 1K</p> <p>LLER (RNAV SID) RWY 19 NURIT 1M</p> <p>LLER (RNAV SID) RWY 19 NURIT 1J</p> <p>LLER (SID) RWY 19 NURIT 1M</p> <p>LLER (SID) RWY 19 NURIT 1N</p>	<p>Part of the IAip and NOT sold separately</p>	<p>Ref. GEN 0.4</p> <p>Ref. GEN 0.4</p> <p>Ref. GEN 0.4</p> <p>REF. GEN 0.4</p> <p>REF. GEN 0.4</p> <p>REF. GEN 0.4</p> <p>REF. GEN 0.4</p> <p>REF. GEN 0.4</p> <p>REF. GEN 0.4</p> <p>REF. GEN 0.4</p> <p>REF. GEN 0.4</p>
<p>Standard Arrival Chart — Instrument (STAR) — ICAO*</p>	<p>1:150,000**</p>	<p>Haifa</p> <p>LLHA (STAR) RWY 16,34 GALIM 1A 1B</p> <p>Ben-Gurion</p> <p>LLBG (RNAV STAR) RWY 08 SOLIN 3A, 3B</p> <p>LLBG (RNAV STAR) RWY 12,26,30 LIMKO 3, GODED 2</p> <p>LLBG (RNAV STAR) RWY 21 DIVLA 2A, 2B, VATAT 2A,2B</p> <p>LLBG (STAR) ILS RWY 21 TALMI A, SALAM A</p> <p>LLBG (RNAV STAR) RWY 21 TALMI B, SALAM B</p> <p>LLBG (RNAV STAR) RWY 26 DIVLA 2C, DIVLA 2D</p> <p>LLBG (RNAV STAR) RWY 30 SIVAK A, SALAM C</p> <p>Sde-Dov</p> <p>LLSD (STAR) TOMAL 1</p> <p>Eilat/Ilan & Assaf Ramon</p> <p>LLER (STAR) RNAV RWY 01 NURIT 1A 1B</p> <p>LLBG (STAR) RNAV RWY 01 NURIT 1C 1D</p>	<p>Part of the IAip and NOT sold separately</p>	<p>Ref. GEN 0.4</p> <p>Ref. GEN 0.4</p> <p>Ref. GEN 0.4</p> <p>Ref. GEN 0.4</p> <p>Ref. GEN 0.4</p> <p>Ref. GEN 0.4</p> <p>Ref. GEN 0.4</p> <p>Ref. GEN 0.4</p> <p>Ref. GEN 0.4</p> <p>Ref. GEN 0.4</p> <p>Ref. GEN 0.4</p> <p>Ref. GEN 0.4</p> <p>Ref. GEN 0.4</p>

<p>Instrument Approach Chart — (IAC) - ICAO*</p>	<p>1:250,000**</p>	<p>Ovda LLOV VOR Z RWY 21R LLOV ILS RWY 21R</p> <p>Ben-Gurion LLBG ILS CAT I RWY 12 LLBG ILS RWY 08 LLBG LDA RWY 30 LLBG ILS RWY 21 LLBG RNP RWY 26 LLBG RNP RWY 21 LLBG RNP X RWY 30 LLBG ILS X RWY 26 LLBG RNP Y RWY 30 LLBG RNP RWY 12</p> <p>Sde-Dov LLSD VOR RWY 03/21 (CLOUD BREAK) LLSD VOR DME RWY 21</p> <p>Eilat/Ilan & Assaf Ramon LLER RNP RWY 01 LLER RNP Z RWY 01 LLER RNP RWY 19 LLER ILS Y RWY 01 LLER ILS Z RWY 01 LLER ILS RWY 19</p>	<p>Part of the IAip and NOT sold separately</p>	<p>Ref. GEN 0.4 Ref. GEN 0.4 Ref. GEN 0.4 Ref. GEN 0.4 Ref. GEN 0.4 Ref. GEN 0.4 Ref. GEN 0.4 Ref. GEN 0.4 Ref. GEN 0.4 Ref. GEN 0.4 Ref. GEN 0.4 Ref. GEN 0.4 Ref. GEN 0.4 Ref. GEN 0.4 Ref. GEN 0.4 Ref. GEN 0.4 Ref. GEN 0.4 Ref. GEN 0.4 Ref. GEN 0.4</p>
<p>Visual Approach Chart — ICAO* (VAC)</p>	<p>1:250,000**</p>	<p>Eilat LLET KITOR Y VISUAL RWY 21 LLET RODED VISUAL RWY 03 LLET DAKAR VISUAL RWY 03 LLET NESICHA VISUAL RWY 03 LLET KITOR VISUAL RWY 21 LLET VISUAL CIRCUIT CHART</p> <p>Haifa LLHA Visual Circuit Chart</p> <p>Ovda LLOV Visual Circuit Chart LLOV MARGO Visual RWY 03L LLOV ROMIE Visual RWY 03R</p>	<p>Part of the IAip and NOT sold separately</p>	<p>Ref. GEN 0.4 Ref. GEN 0.4 Ref. GEN 0.4 Ref. GEN 0.4 Ref. GEN 0.4 Ref. GEN 0.4 Ref. GEN 0.4 Ref. GEN 0.4 Ref. GEN 0.4 Ref. GEN 0.4 Ref. GEN 0.4</p>

		<p>Ben-Gurion</p> <p>LLBG NAMIM APCH RWY 21 LLBG SOSOT APCH RWY 30 LLBG Visual APCH chart</p> <p>Sde-Dov</p> <p>LLSD Visual circuit chart</p> <p>Nevatim AFB/NEGEV</p> <p>LLNV Visual APCH Chart</p>	Part of the IAip and NOT sold separately	<p>Ref. GEN 0.4</p> <p>Ref. GEN 0.4</p> <p>Ref. GEN 0.4</p> <p>Ref. GEN 0.4</p> <p>Ref. GEN 0.4</p>
Aerodrome/Heliport Chart — ICAO* (AC)	1:10,000**	<p>Eilat</p> <p>LLET AERODROME CHART</p> <p>Haifa</p> <p>LLHA AERODROME CHART</p> <p>Ovda</p> <p>LLOV AERODROME CHART</p> <p>Ben-Gurion</p> <p>LLBG AERODROME CHART</p> <p>Sde-Dov</p> <p>LLSD AERODROME CHART</p> <p>Eilat/Ilan & Assaf Ramon</p> <p>LLER AERODROME CHART</p> <p>Nevatim AFB/NEGEV</p> <p>LLNV AERODROME CHART</p>	Part of the IAip and NOT sold separately	<p>Ref. GEN 0.4</p> <p>Ref. GEN 0.4</p> <p>Ref. GEN 0.4</p> <p>Ref. GEN 0.4</p> <p>Ref. GEN 0.4</p> <p>Ref. GEN 0.4</p> <p>Ref. GEN 0.4</p> <p>Ref. GEN 0.4</p> <p>Ref. GEN 0.4</p>
Aerodrome Ground Movement Chart — ICAO* (GMC)	1:20,000**	<p>Ben-Gurion</p> <p>LLBG ground movement chart</p>	NOT sold separately	Ref. GEN 0.4
Aircraft Parking/Docking Chart — ICAO* (APDC)	1:5,000**	<p>Eilat</p> <p>LLET PARKING AND HOLDING POSITIONS CHART</p> <p>Haifa</p> <p>LLHA Aircraft Parking Chart LLHA Aircraft Parking Chart Apron G LLHA Aircraft Parking Chart Apron N</p> <p>Ovda</p> <p>LLOV Aircraft Parking Chart</p> <p>Ben-Gurion</p> <p>LLBG Aircraft parking/docking chart terminal 1 LLBG Aircraft parking/docking chart Apron V LLBG Aircraft parking chart - Terminal 3</p>	Part of the IAip and NOT sold separately	<p>Ref. GEN 0.4</p> <p>Ref. GEN 0.4</p> <p>Ref. GEN 0.4</p> <p>Ref. GEN 0.4</p> <p>Ref. GEN 0.4</p> <p>Ref. GEN 0.4</p> <p>Ref. GEN 0.4</p> <p>Ref. GEN 0.4</p>

		LLBG Aircraft parking chart - Terminal 3 – Apron A Sde-Dov LLSD Aircraft Parking Chart Aprons A & N LLSD Aircraft Parking Chart Apron S LLSD Aircraft Parking Chart Apron T LLSD Aircraft Parking Chart Apron Y Eilat/Ilan & Assaf Ramon LLER Aircraft Parking Chart Apron U LLER Aircraft Parking Chart Apron R, S, T	Part of the IAip and NOT sold separately	Ref. GEN 0.4 Ref. GEN 0.4 Ref. GEN 0.4 Ref. GEN 0.4 Ref. GEN 0.4 Ref. GEN 0.4 Ref. GEN 0.4
Aerodrome Obstacle Chart — Type A — ICAO* (for each runway);	1:10,000**	Eilat LLET AERODROME OBSTACLE CHART – TYPE A RWY 03/21 Haifa LLHA AERODROME OBSTACLE CHART – TYPE A RWY 16/34 Ovda LLOV AERODROME OBSTACLE CHART – TYPE A RWY 03L/21R LLOV AERODROME OBSTACLE CHART – TYPE A RWY 03R/21L Ben-Gurion LLBG AERODROME OBSTACLE CHART – TYPE A RWY 03/21 LLBG AERODROME OBSTACLE CHART – TYPE A RWY 08/26 LLBG AERODROME OBSTACLE CHART – TYPE A RWY 12/30 Sde-Dov LLSD AERODROME OBSTACLE CHART – TYPE A RWY 03/21	Part of the IAip and NOT sold separately	Ref. GEN 0.4 Ref. GEN 0.4 Ref. GEN 0.4 Ref. GEN 0.4 Ref. GEN 0.4 Ref. GEN 0.4 Ref. GEN 0.4 Ref. GEN 0.4

6. Index to the World Aeronautical Chart (WAC) - ICAO 1:1 000 000

The state of Israel is currently NOT publishing WAC chart and chart index. Please refer to GEN 1.7 - Difference from ICAO Standards, Recommended Practices and Procedures.

7. Topographical charts

To supplement the aeronautical charts, a wide range of topographical charts is available from:

Survey of Israel

Lincoln 1 St, Po. Box 14171

Tel Aviv 6522000.

TEL: ++972-3-6231969

Telefax: ++972-3-6231958

Telex: NIL

Email Address: aviayet@mapi.gov.il

AFS: NIL