TEL-AVIV/BEN-GURION

LLBG AD 2.1 Aerodrome Location Indicator And Name

LLBG - TEL-AVIV/BEN-GURION

LLBG AD 2.2 Aerodrome Geographical And Administrative Data

1	**ARP coordinates and site at AD**	320034N 0345308E 316°/1 400 M from THR 30
2	**Direction and distance from (city)**	115°, 19 km from Tel-Aviv city center
3	**Elevation/Reference temperature**	134 ft/31.9°C (August)
4	**Geoid undulation at AD ELEV PSN**	19 M
5	**MAG VAR/Annual Change**	5°E (2019)/0.08° increasing
6	**AD Administration, address, telephone, telefax, telex, e-mail address, AFS, website address**	Israel Airports Authority (IAA) Post: Ben-Gurion Airport P.O.Box 7, Ben-Gurion International Airport 7015001 Phone: 972-3-9752000/1/2 Phone: 972-3-9756215/6/7 (AIS) Fax: 972-3-9752010 Email: ais@iaa.gov.il AFS: LLADZPZX
7	**Types of traffic permitted (IFR/VFR)**	IFR/CVFR
8	**Remarks**	See LLBG AD 2.22 FLIGHT PROCEDURES, para 10

LLBG AD 2.3 Operational Hours

1	**AD Administration**	H24
2	**Customs and immigration**	H24
3	**Health and sanitation**	H24
4	**AIS Briefing Office**	H24
5	**ATS Reporting Office (ARO)**	H24
6	**MET Briefing Office**	H24
7	**ATS**	H24
8	**Fuelling**	H24
9	**Handling**	H24
10	**Security**	H24
11	**De-icing**	Nil
12	**Remarks**	See LLBG AD 2.22 FLIGHT PROCEDURES, para 10

LLBG AD 2.4 Handling Services And Facilities

1	**Cargo-handling facilities**	Trucks 2.5-3.5 tonnes. Up to 5 tonnes handling possible
2	**Fuel/oil types**	Jet A-1 & 100LL, oil, all types normally available.
3	**Fuelling facilities/capacity**	Fueling Dept: Tel: 972-3-9751354, 972-3-9774046, Mobile: 972-57-7263440, Fax: 972-3-9751392 Jet A-1 available through hydrants for all parking stands on aprons 'N', 'J' & 'L' and all parking stands on terminal 3 aprons. Refueling on parking stand J3 through Left wing only. Refueling through bowsers as required.
4	**De-icing facilities**	Nil
5	**Hangar space for visiting aircraft**	Available by prior coordination with:
6	**Repair facilities for visiting aircraft**	1. IAA/Bedek Division Tel: 972-3-9353822 Fax: 972-3-9357222 2. EL-AL Israel Airlines LTD. Tel: 972-3-9714006, Fax: 972-3-9714009 Telex: 381052 H TKGK IL
7	**Remarks**	Nil

LLBG AD 2.5 Passenger Facilities

1	**Hotels**	In Tel-Aviv city.
2	**Restaurants**	At AD and in Tel-Aviv city.
3	**Transportation**	Buses, taxis, train and car rental from the AD.
4	**Medical facilities**	First aid & ambulance at AD, hospitals in the vicinity of AD.
5	**Bank and Post Office**	At AD open within AD HR.
6	**Tourist Office**	At AD and in Tel-Aviv city.
7	**Remarks**	NIL

LLBG AD 2.6 Rescue And Fire Fighting Services

1	**AD category for fire fighting**	Within AD HR: CAT 9
2	**Rescue equipment**	Yes, ambulances
3	**Capability for removal of disabled aircraft**	IAA & ELAL Israel airline have common regulation for aircraft recovery. Hydraulic jacks available with MTOM up to 20 000 KG. For aircraft with a higher MTOM, IATA pool arrangement is available. Contacts numbers: El Al aircraft Maintenance Division: +972-3-9714590, Ben-Gurion Airport Operations Center: +972-3-9756242, IAA Head ground operation manager: +972-50-9752243.
4	**Remarks**	Outside AD HR, fire fighting and ambulances to be requested if the situation needs.

LLBG AD 2.7 Seasonal Availability - Clearing

NIL

LLBG AD 2.8 Aprons, Taxiways And Check Locations/Positions Data

1	**Designation, surface and strength of aprons**	EH: Surface: CONC/ASPH, strength: 77/R/C/X/T H: Surface: CONC/ASPH, Strength: 75/R/B/W/T J: Surface: CONC/ASPH, Strength: 77/F/C/X/U, 77/R/C/X/U L: Surface: CONC/ASPH, strength: 77/F/C/X/U, 77/R/C/X/U N: Surface: CONC/ASPH, Strength: 99/F/C/W/T, 110/R/B/W/T Q: Surface: CONC/ASPH, Strength: 34/F/C/X/U V: Surface: CONC/ASPH, Strength: 95/F/C/X/T WH: Surface: CONC/ASPH, Strength: 77/R/C/X/T X: Surface: CONC/ASPH, Strength: 75/R/B/W/T
		Terminal 3 - Concourse B Left: Surface: CONC, Strength: 66/R/C/X/T B Head: Surface: CONC, Strength:76/R/C/X/T B Right: Surface: CONC, Strength: 67/R/C/X/T C Left: Surface: CONC, Strength: 67/R/C/X/T C Head: Surface: CONC, Strength: 76/R/C/X/T C Right: Surface: CONC, Strength:68/R/C/X/T D Left: Surface: CONC, Strength: 54/R/C/X/T D Head: Surface: CONC, Strength: 72/R/C/X/T D Right: Surface: CONC, Strength: 67/R/C/X/T E Left: Surface: CONC, Strength: 65/R/B/W/T E Head: Surface: CONC, Strength: 98/R/B/W/T E Right: Surface: CONC, Strength: 65/R/B/W/T
2	Designation, width, surface and strength of taxiways	Width: 23-45 M Surface: ASPH
		Strength: K, M, Y, L, E, R, N: 90/F/C/W/T N – between L and K: 81/F/C/Y/T L – between K and Apron L: 74/R/C/X/T F: 75/F/C/X/T Z: 89/F/C/X/T W1-W4, S, E1-E5, T1-T4: 90/F/C/W/T
3	**ACL location and elevation**	Location: at apron Elevation: See the appropriate Aircraft Parking Chart
4	**VOR checkpoints**	VOR: see the aerodrome chart
5	**INS checkpoints**	INS: see the aircraft parking charts
6	**Remarks**	NIL

LLBG AD 2.9 Surface Movement Guidance And Control System And Markings

1	**Use of aircraft stand ID signs, TWY guide lines and visual docking/parking guidance system of aircraft stands**	Taxiing guidance signs at all intersections with TWY and RWY and at all holding positions. Guide lines at apron. Nose-in guidance at aircraft stands.
2	**RWY and TWY markings and LGT**	RWY: Designation, THR, TDZ centre line, edge runway end as appropriate, marked and lighted
		TWY: Centre line, holding positions at all TWY/RWY intersections, marked and lighted.
3	**Stop bars**	TWY L, 90 M North and 75 M South of THR CL RWY 30.
		Stop Bar 08-26: On TWYs - S, K, W4, W3, W2, W1, E, E1
		Stop Bar 12-30: On TWYs – K, W4 , R , E, F, L
		Stop Bar 03-21: On TWYs – E1, E2, N , K , M , E4, E5, T1, T2, T3, T4.
4	**Remarks**	See also LLBG AD 2.20 for taxiing to and from stands.

LLBG AD 2.10 Aerodrome Obstacles

In Area 2b, Area 2c and Area 2d
Obstacle data for Area 2b, 2c and 2d is available by contacting the Civil Aviation Authority of Israel: Post: Ministry of Transportation Civil Aviation Authority Infrastructure Div. Mr. Nadav Keiddar P.O.B 1101 Golan House, Golan st., Airport City 7019900, Israel. Phone: +972-3-9774569 Fax: +972-3-9774599 Email: aip@mot.gov.il The following information can be provided: 1. Obstacle identification. 2. Type of Obstacle. 3. Latitude; 4. Longitude; 5. Elevation (nearest foot); 6. Height above ground level (AGL) (nearest foot); 7. Status of obstacles lighting and painting. **Obstacle Data effective: 04-NOV-2021**

In Area 2a and Area 3
The information is not provided

LLBG AD 2.11 Meteorological Information Provided

1	**Associated MET office**	Israel Meteorological Service Bet Dagan (LLBD)
2	**Hours of service** **MET office outside hours**	H24 -
3	**Office responsible for TAF preparation** **Periods of validity**	Israel Meteorological Service, Bet Dagan (LLBD) 24 HR (Long TAF)
4	**Type of landing forecast** **Interval of issuance**	Trend 2 HR
5	**Briefing/consultation provided**	Telephone and/or a video conference briefing with the Meteorological Watch Office at Israel Meteorological Service, Bet Dagan, can be established in the aerodrome meteorological station
6	**Flight documentation** **Language(s) used**	Charts, OPMET information, SIGMET, Aerodrome Warnings and low level forecasts for TEL-AVIV FIR available in ICAO abbreviated plain language text or in English
7	**Charts and other information available for briefing or consulting**	Low level and upper wind and temperature chart for standard isobaric surface. Significant weather charts (low level, medium and high level)
8	**Supplementary equipment available for providing information**	Meteorological information terminal available at the AD meteorological station containing: weather radar, weather satellite image display and animation, Upper Air temperature & wind profiles derived from Israeli radiosonds and AMDAR reports , SIGWX and T+W charts and updated OPMET information
9	**ATS units provided with information**	Ben-Gurion TWR Ben-Gurion APP

10	**Additional information (limitation of service, etc.)**	See AD chart transmission meters location

LLBG AD 2.12 Runway Physical Characteristics

Designations RWY NR	TRUE BRG	Dimensions of RWY (m)	Strength (PCN) and surface of RWY and SWY	THR coordinates RWY end coordinates THR geoid undulation	THR elevation and highest elevation of TDZ of precision APP RWY	Slope of RWY-SWY
1	**2**	**3**	**4**	**5**	**6**	**7**
03	028.98º	2 772 X 60	90/F/C/W/T Asphalt	THR 315946.38N 0345309.89E; RWY END 320105.25N 0345400.81E; GUND 19.0 m	THR 134.31 ft TDZ - 134.38 ft	-0.73%520 m; 0%90 m; +0.27%960 m; 0%50 m; -0.1%350 m; 0%30 m; +0.18%770 m
21	208.98º	2 772 X 60	90/F/C/W/T Asphalt	THR 320105.25N 0345400.81E; RWY END 315946.38N 0345309.89E; GUND 19.0 m	THR 134.02 ft TDZ - 133.98 ft	-0.18%770 m; 0%30 m; +0.1%350 m; 0%50 m; -0.27%960 m; 0%90 m; +0.73%520 m
08	080.00º	4 062 X 45	90/F/C/X/T Asphalt	THR 320046.29N 0345139.14E; RWY END 320106.82N 0345353.47E; GUND 19.0 m	THR 96.78 ft TDZ - 108.62 ft	-0.35%/-0.45% (462 m) (3 600 m)
26	260.00º	4 062 X 45	90/F/C/X/T Asphalt	THR 320103.83N 0345333.88E; RWY END 320043.97N 0345124.02E; GUND 19.0 m	THR 124.31 ft TDZ - 124.31 ft	+0.45%/+0.35% (3 600 m) (462 m)
12	121.40º	3 112 X 45	90/F/C/W/T Asphalt	THR 320051.14N 0345200.56E; RWY END 315958.21N 0345342.31E; GUND 19.0 m	THR 102.36 ft TDZ - 111.54 ft	+0.25%/+0.3% (2 581 m) (531 m)
30	301.40º	3 112 X 45	90/F/C/W/T Asphalt	THR 315959.88N 0345339.12E; RWY END 320051.14N 0345200.56E GUND 19.0 m	THR 129.85 ft TDZ - 129.85 ft	-0.3%/-0.25% (531 m) (2 581 m)

SWY dimensions (m)	CWY dimensions (m)	Strip dimensions (m)	Dimensions of RESA (m)	Location And Description Of Arresting System	OFZ	Remarks
8	9	10	11	12	13	14
Nil	150 X 150	2 892 X 300	RESA RWY 03 – 232 X 120	Nil	Available	Nil
Nil	150 X 150	2 892 X 300	RESA RWY 21 – 218 X 120	Nil	Available	Nil
400 X 90	520 X 150	4 182 X 300	RESA RWY 08 – 255 X 90	Nil	Available	RESA + SWY + CWY are part of the RWY
Nil	150 X 150	4 182 X 300	RESA RWY 26 – 240 X 90	Nil	Available	Nil
60 X 90	150 X 150	3 292 X 300	RESA RWY 12 – 101 X 90	Nil	Available	Nil
Nil	150 X 150	3 292 X 300	RESA RWY 30 – 240 X 90	Nil	Available	Nil

LLBG AD 2.13 Declared Distances

RWY Designator	TORA (m)	TODA (m)	ASDA (m)	LDA (m)	Remarks
1	2	3	4	5	6
03	2 772	2 922	2 772	2 772	Nil
21	2 772	2 922	2 772	2 772	Nil
21 – E2/T2	-	-	-	1 084	Distance from THR 21 to TXY E2/T2
21 – N	-	-	-	1 750	Distance from THR 21 to TXY N
21 – E3/T3	-	-	-	2 014	Distance from THR 21 to TXY E3/T3
21 – K	-	-	-	2 228	Distance from THR 21 to TXY K
21 – M	-	-	-	2 308	Distance from THR 21 to TXY M
21 – E4	-	-	-	2 360	Distance from THR 21 to TXY E4
08	3 600	4 120	4 000	3 580	TORA 08 for Noise Abatement Departure Procedure. RESA is part of the RWY
26	4 062	4 212	4 062	3 462	Nil
26 – W4	-	-	-	1 960	Distance from THR 26 to TXY W4
26 – K	-	-	-	2 584	Distance from THR 26 to TXY K
12	3 112	3 262	3 172	3 112	Nil
12 – Y	-	-	-	1 933	Distance from THR 12 to TXY Y
12 – F	-	-	-	2 720	Distance from THR 12 to TXY F
12 – L	-	-	-	3 100	Distance from THR 12 to TXY L
30	3 112	3 262	3 112	3 032	Nil
30 – R	-	-	-	1 553	Distance from THR 30 to TXY R
30 – Z	-	-	-	2 264	Distance from THR 30 to TXY Z

RWY Designator	TORA (m)	TODA (m)	ASDA (m)	LDA (m)	Remarks
1	2	3	4	5	6
30 – W4	-	-	-	2 614	Distance from THR 30 to TXY W4

1. DECLARED REMAINING DISTANCES

RWY – RWY/TWY Intersection	RWY designator	TORA (m)	TODA (m)	ASDA (m)	Remarks
1	2	3	4	5	6
08 – 12	08	2 566	3 086	2 966	For purpose of Noise Restrictions by ATC
08 – K	08	2 736	3 256	3 136	For purpose of Noise Restrictions by ATC
26 – E	26	3 985	4 135	3 985	Nil
26 – W1	26	3 424	3 574	3 424	Nil
26 – W2	26	3 322	3 472	3 322	Nil
12 – Z	12	2 340	2 490	2 400	Nil
12 – W4	12	2 686	2 836	2 746	Nil
30 - E	30	2 370	2 520	2 370	Nil
30 – F	30	2 642	2 792	2 642	Nil
30 – Y	30	2 077	2 227	2 077	Nil

LLBG AD 2.14 Approach And Runway Lighting

RWY Designator	APCH LGT type LEN INTST	THR LGT colour, WBAR	PAPI (MEHT)	TDZ, LGT LEN	RWY Centre Line LGT Length, spacing, colour, INTST	RWY edge LGT LEN, spacing colour INTST	RWY End LGT colour	SWY LGT LEN (M) colour	Remarks
1	2	3	4	5	6	7	8	9	10
03	Nil	Nil	Nil	Nil	RCL - CAT II (Threshold-End) LGTD 2 772m; 1 872m - white; FM 1 872m to 2 472m - Alternate red/ white; FM 2 472m to 2 772m - red; Distance between lights - 30m; Interlined circuit; Light intensity - High	REL (Threshold-End) LGTD 2 772m; 2 172m - white; FM 2 172m to 2 772m - yellow; Distance between lights - 60m; Interlined circuit; Light intensity - High	Type - CAT II Figure 5.3.11.2 Color - RED; Distance between lights - 6m; Interlined circuit	Nil	Nil

RWY Designator	APCH LGT type LEN INTST	THR LGT colour, WBAR	PAPI (MEHT)	TDZ, LGT LEN	RWY Centre Line LGT Length, spacing, colour, INTST	RWY edge LGT LEN, spacing colour INTST	RWY End LGT colour	SWY LGT LEN (M) colour	Remarks
1	2	3	4	5	6	7	8	9	10
21	APCH LGT Type - CAT II Barrette LGT- 900m; Color - center line barrette - white; Color - Side row barrette - red; Crossbar's 146m & 290m from THR; distance between barrette - approximately 30m (approved installation tolerance of up to 2 m); RAIL (SFL - 900m from THR to 300m from THR); REIL Interlined circuit; Light intensity - High	THR+ WBAR Type - CAT-2 Figure 5.3.10.8 Color- green; Distance between light-1.5m Interlined circuit	PAPI Right& left 3° MEHT- 20.64m Interlined circuit	TDZ CAT-2 LGT- 900m Color – white; Interlined circuit	RCL - CAT II (Threshold-End) LGTD 2 772m; 1 872m - White; FM 1 872m to 2 472m - Alternate red/ white; FM 2 472m to 2 772m - red; Distance between lights - 30m; Interlined circuit; Light intensity - High	REL (Threshold-End) LGTD 2 772m; 2 172m - White; FM 2 172m to 2 772 - Yellow; Distance between lights - 60m; Interlined circuit; Light intensity - High	Type - CAT II Figure 5.3.11.2 Color- RED; Distance between lights - 5.5m; Interlined circuit	Nil	Nil
08	APCH LGT Type - SALS Barrette LGT- 420m; Color - center line barrette - white; Crossbar 300m from THR; distance between barrette - approximately 60m; REIL OMNI; Light intensity - High	Green	PAPI Left 3° MEHT- 20.32m	Nil	LGTD 4 062 m (Threshold-End); 3 162m - White; FM 3 162m to 3 762m - Alternate RED/ WHITE; FM 3 762m - RED; Distance between lights - 30m; Light intensity - High	REL (Threshold-End) LGTD 4 062 m; FM 08 to THR (403m) - RED; FM THR to 3 550m - WHITE; FM 3 550m - YELLOW; Distance between lights - 50m; Light intensity - High	Red	Nil	Nil
26	APCH LGT Type - CAT II Barrette LGT- 905m; Color - center line barrette - white; Color - Side row barrette - red; Crossbar's 150m & 300m from THR; distance between barrette - approximately 30m (approved installation tolerance of up to 2 m); REIL OMNI; Light intensity - High	Green	PAPI Right & Left/3° MEHT19.92 m	900 M	LGTD 4 062 m (Threshold-End); 3 162m - White; FM 3 162m to 3 762m - Alternate RED/ WHITE; FM 3 762m - RED; Distance between lights - 30m; Light intensity - High	REL (Threshold-End) LGTD 4 062 m; FM 26 to THR (600m) - RED; FM THR to 3 462m - WHITE; FM 3 462m – YELLOW; Distance between lights - 50m; Light intensity - High	Red	Nil	Nil

RWY Designator	APCH LGT type LEN INTST	THR LGT colour, WBAR	PAPI (MEHT)	TDZ, LGT LEN	RWY Centre Line LGT Length, spacing, colour, INTST	RWY edge LGT LEN, spacing colour INTST	RWY End LGT colour	SWY LGT LEN (M) colour	Remarks
1	2	3	4	5	6	7	8	9	10
12	APCH LGT Type - CAT I Barrette LGT- 916m; Colour - centre line barrette - white; Crossbar 306m from THR; distance between barrette - approximately 30m (approved installation tolerance of up to 6 m); Light intensity - High	Green	PAPI Right & Left/ 3.0° MEHT- 19.81m	Nil	LGTD 3 112 m; (Threshold-End) 2 220m - White; FM 2 220m to 2 820m - Alternate RED/ WHITE; FM 2 820m - RED; Distance between lights - 30m; Light intensity - High	REL (Threshold-End) LGTD 3 112m; FM 12 To 2 520m - WHITE; FM 2 520m - YELLOW; Distance between lights - 50m; Light intensity - High	Red	Nil	Nil
30	APCH LGT Type - CAT I Barrette LGT- 720m; Colour - centre line barrette - white; Crossbar 300m from THR distance between barrette - approximately 30m; REIL OMNI; Light intensity - High	Green	PAPI Right/3.2° MEHT- 20.36m	Nil	LGTD 3 112 m (Threshold-End); 2 220m - White; FM 2 220m to 2 820m - Alternate RED/ WHITE; FM 2 820m - RED; Distance between lights - 30m; Light intensity - High	REL (Threshold-End) LGTD 3 112 M; FM 12 To 2 520m - WHITE; FM 2 520m - YELLOW; Distance between lights - 50m; Light intensity - High	Red	Nil	CAT I LGT with only 720 m of barrettes

LLBG AD 2.15 Other Lighting, Secondary Power Supply

1	**ABN/IBN location, characteristics and hours of operation**	ABN: At tower building, FLG green/white in IMC and at night
2	**LDI location and LGT**	LDI: Nil
	Anemometer location and LGT	Anemometer: see AD chart
3	**TWY edge and centre line lighting**	Edge: All TWY Centre line: TWY K, L, N, S, R& W (green) intersections of RWYs 08/ 12 & 21/26 (in turns only) and TWY L
4	**Secondary power supply/switch-over time**	Secondary power supply to all lighting at AD. Switch-over time: 1 SEC.
5	**Remarks**	Nil

LLBG AD 2.16 Helicopter Landing Area

Not available.

LLBG AD 2.17 ATS Airspace

1	**Designation and lateral limits**	Ben-Gurion CTR 320622N 344626E – 320600N 345051E – 320618N 345332E – 320453N 350008E – 315510N 345912E – 314953N 350147E – 315459N 345257E – 315601N 344201E
2	**Vertical limits**	SFC to 2 000 FT MSL
3	**Airspace classification**	Ben-Gurion TMA (See ENR 2.1-1)
4	**ATS unit call sign Language(s)**	(See ENR 2.1-1)
5	**Transition altitude**	See ENR 1.4
6	**Remarks**	Ben-Gurion Tower/Approach/ TMA English (See GEN. 3.4-2)

LLBG AD 2.18 ATS Communication Facilities

Service designation	Call sign	Frequency	Hours of operation	Remarks
1	2	3	4	5
APP	Ben-Gurion Approach / Departure	120.500	H24	Primary freq. Departure freq.
	Ben-Gurion Arrival	131.100	By ATC	
TWR	Ben-Gurion Tower/Tower Departure	134.600	H24	Primary freq.
	Ben-Gurion Tower Arrival	132.100	When landing RWY 21	
TMA	Ben-Gurion TMA	119.500	H24	Primary freq.
ATIS (INF)	Ben-Gurion Arrival Information	132.500	H24	ATIS info available: Digital ATIS available via ACARS by dialling 972-3- 7755074
	Ben-Gurion Departure Information	132.800	H24	ATIS info available: Digital ATIS available via ACARS by dialling 972-3-7526243
GND EAST	Ben-Gurion Ground (East)	121.950	H24	East of RWY 21
GND WEST	Ben-Gurion Ground (West)	121.750	H24	West of RWY 21
CPT	Ben-Gurion Clearance	As published by ATIS (121.550)	H24	DCL available
VOLMET		126.800		VOLMET info available by dialing 972-3-9730699
EMERGENCY		121.500	H24	
SECONDARY	Ben-Gurion	119.350		As published by ATIS
STAND-BY Frequencies - By ATC only	Ben-Gurion	118.750 119.350 119.550 122.300 133.600 121.975		Stand-by Frequencies

LLBG AD 2.19 Radio Navigation And Landing Aids

Type of aid, MAG VAR CAT of ILS/MLS (For VOR/ILS/ MLS, give declination)	ID	Frequency	Hours of operation	Location of transmitting antenna coordinates	Elevation of DME transmitting antenna	Remarks
1	2	3	4	5	6	7
LOC 21 ILS CAT I (5°E/2019)	BN	109.700 MHz	H24	315938.47N 0345304.79E	131 FT	
GP/DME 21 (5°E/2019)	Dots/ Dashes	333.200 MHz	H24	320058.78N 0345351.37E	126 FT	CH 34 X
DVOR/DME (5°E/2019)	BGN	113.500 MHz	H24	320047.2N 0345231.3E	100 FT	CH 82 X
LOC 12 ILS CAT I (5°E/2019)	BG	110.300 MHz	H24	315954.86N 0345348.76E	132 FT	
GP/DME 12 (5°E/2019)	Dots/ Dashes	335.000 MHz	H24	320042.51N 0345208.37E	141 FT	CH 40 X
LOC 26 ILS CAT I (5°E/2019)	BA	108.700 MHz	H24	320042.1N 0345111.7E		
GP/DME 26 (5°E/2019)	Dots/ Dashes	330.500 MHz	H24	320105.1N 0345321.1E	162 FT	CH 24 X
LOC 08 ILS CAT I (5°E/2019)	BC	110.900 MHz	H24	320108.6N 0345405.2E	134 FT	
GP/DME 08 (5°E/2019)	Dots/ Dashes	330.800 MHz	H24	320044.7N 0345151.1E	131 FT	CH 46 X
LOC 30 ILS CAT I (5°E/2019)	BD	111.900 MHz	H24	320056.39N 0345150.41E	100 FT	
GP/DME 30 (5°E/2019)	Dots/ Dashes	331.100 MHz	H24	320008.4N 0345331.5E	171 FT	CH 56 X

LLBG AD 2.20 Local Traffic Regulations

1. Airport Slot and Parking coordination

1.1 All traffic ARR/DEP must have a fully coordinated slot. Applications must be applied for 48 HRS in advance (MON-THU) and 72 HRS in advance on FRI-SUN, to e-Mail: tlvacxh@iaa.gov.il

1.2 For contingency operations which require regulating arriving traffic flows and capacities, all carriers operating CARGO flights arriving at Tel-Aviv/Ben-Gurion airport, shall file their FPL with the following remark in field 18 - RMK/ TERMINALARR CARGO.

1.3 General aviation wishing to stay beyond 36 hours should submit request to the Ben-Gurion Airport Operations Centre.

1.4 Parking beyond 72 HRS. for aircraft whose home base is not LLBG is prohibited. the above excludes state aircraft, hospital flights and flights approved by airport administration.

2. Aircraft Guidance and Procedures for Ground Operations

2.1 **General**:

2.1.1 Aircraft shall cross active runway on TWR frequency.

2.1.2 Do not cross runway without specific authorization.

2.1.3 Marshaller assistance may be requested.

2.2 **Transponder Operation:**

Aircraft shall operate transponder on ALT/XPDR mode with the assigned MODE A code and MODE S aircraft identification using flight plan call sign:

a. Departing aircraft: When ready for push-back or taxi clearance, whichever earliest.

b. Arriving aircraft: Continuously until the aircraft has reached its final parking position.

2.3 **APU Operation:**

Pilots shall turn off APU when on-block and connected to GPU/FPU. APU shall be started no earlier than 15 minutes prior to EOBT.

2.4 **Arriving aircraft:**

2.4.1 In order to expedite traffic, unless otherwise advised by ATC, pilots are requested to vacate runways without delay as follows:

a. RWY 26 via Exit Taxiway W4.

b. RWY 08 via Rapid Exit Taxiway W3.

c. RWY 30 via Rapid Exit Taxiway Z onto K.

d. RWY 12 via Rapid Exit Taxiway Y onto M.

e. RWY 21:

- To terminal 3 and aprons X and H via Rapid Exit Taxiway E3 onto M.
- To aprons J, L, N and V via Rapid Exit Taxiway T3 onto K.

f. If unable, pilots shall notify ATC.

2.4.2 Parking position for arriving aircraft will be allocated by the control tower.

2.4.3 Guidance for parking stands of concourses B, C, D, E of Terminal 3 and apron H - by Advanced Visual Docking Guidance System (AVDGS). Guidance for other parking stands - by “Follow Me” vehicle and by the marshaller on the stand.

2.4.4 In order to enable the AVDGS systems early identification of aircraft and avoid misidentification, aircraft taxing into the stand shall do so accurately on the C/L before during and after final turn into the stand. Taxi and landing lights should be turned off when not required due to possible AVDGS blinding.

2.4.5 In case of AVDGS malfunctioning, aircraft shall stop immediately and notify the tower. In such cases, aircraft shall be towed into the stands, unless otherwise instructed by the tower.

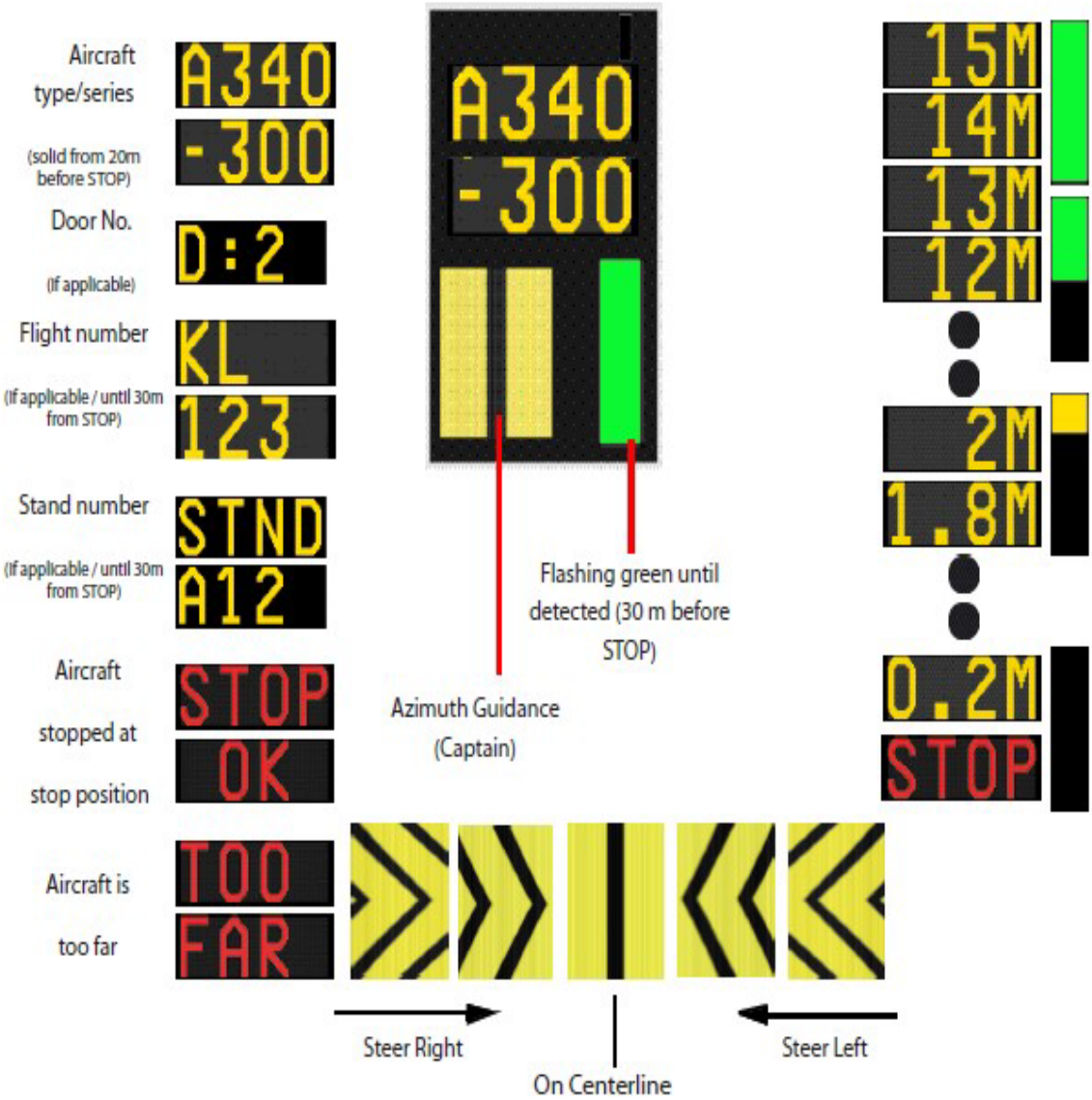
2.4.6 Whenever C-6 or D-6 are occupied, aircraft assigned parking stands C-5 or D-5 (respectively) shall be towed into stands.

2.4.7 AVDGS displays as follows:

FMT APIS (Aircraft Parking and Information System).
Azimuth and stop guidance are provided on a display unit mounted in the extention of the center line.

Intercept the center line and follow the azimuth guidance display.

Check that correct aircraft type/series is shown on the APIS display unit.



CAUTION

ABORT DOCKING IF THE DISPLAY SHOWS ANY OF THE FOLLOWING INFORMATION

STOP

WRONG AIRCRAFT TYPE/SERIES

IF THE AZIMUTH GUIDANCE IS DEACTIVATED

2.5 **Departing aircraft:**

2.5.1 'Clearance prior to taxi' (CPT) is provided continuously via datalink (DCL) or by voice (Frequency published by ATIS).

2.5.2 Pilots shall contact CPT 15 minutes before start-up. Voice MSG - shall specify the following: ACFT call sign and type, stand number and ATIS letter.

2.5.3 DCL – Successful clearance must be accepted within 5 MIN. after receipt or a "Revert to voice" MSG will be received.

2.5.4 In order to adhere to SLOT times, aircraft will be cleared to pushback and taxi, not later than 10 minutes prior to calculated take off time (CTOT)

2.5.5 Push-back: From all parking positions: the crew shall request and obtain, from GND control, specific ATC 'push-back' approval. Aircraft receiving 'push-back' approval is expected to vacate the gate/stand within 2 minutes of the push-back approval.

2.5.6 Start-up procedure:

a. From all aprons, except V1&V2, pilots are requested to start engines during push-back. Concourse B, C, D and E of terminal 3: Engine start-up while aircraft is connected to the gate id prohibited.

b. From aprons V1&V2: Engine start-up on the parking stand is prohibited. Start up only at the assigned start-up position.

c. Cross bleed start-up approved only at the release point.

2.5.7 Intersections Departures: Aircraft may depart from runway intersections, by tower approval. Ref. Remaining distances as specified in table LLBG AD 2.13A.

2.5.8 Line-Up: Pilots cleared to line-up shall be ready for immediate take-off; if unable, notify ATC in advance.

2.6 **Towing procedures:**

2.6.1 Aircraft being towed shall establish and maintain two-way VHF radio communication with ground control (see LLBG AD 2.18).

a. From aprons J, L, N, V and Bedek with GND EAST.

b. From terminal 3 and aprons H, X with GND WEST.

c. When GND EAST and GND WEST are combined, with GND WEST.

d. Towing using other means of communication as approved by airport regulation.

3. Taxiing - limitations

Taxilane H restricted to maximum wingspan of 36 meters.

4. School and training flights - technical test flights - use of runways

4.1 Training flights must only be preformed after prior coordination/permission from Ben-Gurion Air Traffic Control.

4.2 A request for a training slot should be submitted directly to the Ben-Gurion ATC manager not later than Thursday, for flights on the following week. Request shall be submitted by the pilot or his/her designated representative:

Email: bgtrain@iaa.gov.il

Phone: 03-9758675

4.3 In addition to paragraph 4.2, pilots shall contact the ATC supervisor prior to the flight.

4.4 The ATC supervisor will approve or deny the training flight on real time traffic.

4.5 The following restrictions apply:

4.5.1 Training flights are permitted daily between 07:00-23:00 LT, except on Friday night/Holiday eve until 22:00 LT.

4.5.2 Only instrument training will be approved. VFR circuit, as part of the instrument training, is permitted.

4.5.3 Training flights will be approved subject to higher priority operations i.e commercial flights.

4.5.4 Training flights by Ultra-light aircraft & propeller driven parachutes are not permitted.

4.6 AIS office/"Briefing" will approve a training flight-plan only after confirming that the flight is authorized by the ATC manager/ATC supervisor.

4.7 Authorization of a training flight is not an authorization for a parking position which has to be coordinated separately with Ben-Gurion Airport Operations Centre.

5. Removal of disabled aircraft from runways

5.1 Aircraft involved in an accident shall be removed from the accident site only after obtaining permission of the chief investigator of aircraft accidents/incidents, or from the head of the investigation committee.

5.2 It is the duty of the owner or operator of a disabled aircraft in the runway to have it removed as soon as possible. If the owner or operator does not remove a disabled aircraft from the runway as quickly as possible, the aircraft will be removed by the aerodrome authority at the owner's or operator's expense.

6. Airport Limitations (All times are local times)

6.1 Due to traffic congestion, operation of general aviation, test and helicopter flights are not permitted at the airport during the following periods (except traffic approved by airport administration):

- Summer: Sunday-Friday: 05:00-08:00, 14:00-18:00 & 00:01-01:40.
- Winter: Sunday-Friday: 05:30-08:00, & 00:01-01:40.

6.2 Due to operational limitations landing of 4 engines aircraft is prohibited during the following periods (except traffic approved by airport administration):

- Winter: Sunday-Friday 12:00-20:00;
- Summer: Sunday-Friday 08:00-20:00.

6.3 YOM KIPPUR - Day of Atonement (See GEN 2.1) - Airport closed as follows:

- YOM KIPPUR's eve: Last ARR./DEP. At 14:00,
- YOM KIPPUR: First ARR. 22:30. First DEP. 23:30.

6.4 Airport closed for landings, daily 0100-0200.
Flights arriving from Nicosia FIR shall not cross KONFO before 01:40.

Note - Seasons are according to IATA definitions.

LLBG AD 2.21 NOISE ABATEMENT PROCEDURES

Every operator of ACFT arriving and departing LLBG shall ensure at all times that aircraft is operated in a manner calculated to cause the least disturbance practicable in areas surrounding the airport. The published procedures may at any time be departed from to the extent necessary for avoiding immediate danger or for complying with ATC instructions.

1. Departures

Jet aircraft irrespective of weight, shall commence the following Noise Abatement Climb (NADP-1).

This procedure involves a power or thrust reduction at or above the prescribed minimum altitude and the delay

of flap/slat retraction until the prescribed maximum altitude is attained. At the prescribed maximum altitude, the aircraft is accelerated and the flaps/slats are retracted on schedule while maintaining a positive rate of climb, to complete the transition to normal en-route climb speed. The initial climbing speed to the noise abatement initiation point is not less than V2 plus 10 kt:

- Take-off thrust to power reduction height (not lower than 950ft QNH) –
- Take-off thrust and Take-off flaps, climb at V2 + 10 kt (or as limited by body angle)
- At power reduction height (not lower than 950ft QNH) –
- Reduce thrust to not less than climb power
- Power reduction height to 3150ft (QNH) –
- Climb at V2 + 10 kt (or as limited by body angle)
- At 3150 (QNH) or at 3000ft (QNH), if restricted by ATC - Normal acceleration and en-route climb configuration.

2. Night Flight Restrictions

2.1 No restrictions imposed on:

2.1.1 Aircraft rendering medical assistance.

2.1.2 Fire-fighting aircraft.

2.1.3 Cloud seeding flights.

2.1.4 Other exceptional circumstances by prior permission from the CAAI.

2.2 Runway 30 is not available for take-off between 23:00-06:00 LT, unless approved for operational reasons, by IAA Headquarters.

2.3 Other runways: aircraft shall not take-off between 01:40-05:30 LT during winter and 01:40-05:00 LT during summer, (Seasons are according to IATA definitions).

2.4 Despite Para. 2.3, take-off between 01:40-02:00 LT shall be approved, only in exceptional circumstances, by airport manager.

2.5 Take-off between 05:30-06:00 LT during winter season, and 05:00-06:00 LT during summer season, shall be approved in one of the following conditions:

2.5.1 The noise level for all departing aircraft will not exceed a “Reduced Noise Level” as recorded by the Noise monitoring terminals (NMT).

2.5.2 “Reduced Noise Level”, for this matter, is a noise level that will not exceed the maximum noise level, in dB(A), MINUS 3 dB(A), approved for departures of aircraft with maximum take-off mass of LESS than 300 tones. (Refer to the table “Noise monitoring terminals (NMT)” in this paragraph).

2.5.3 Flights, scheduled to depart before the night take-off restriction, and were delayed, may be approved by the airport manager, without the restriction in sub-para. 2.5.1.

3. Noise monitoring system

A noise monitoring system is operating at Tel-Aviv/Ben-Gurion airport. In conjunction with the system, the following procedures have been designed to avoid excessive aircraft noise in the area adjacent to the airport, and the areas overflown during take-off and landing.

The Standard Instrument Departure routes as shown on the Tel-Aviv/Ben-Gurion SID procedures charts have been designed so as to minimize the noise levels over the densely populated areas in the airport’s vicinity.

4. Arrivals

CDA – On receipt of descent clearance, descent at the rate best suited to a continuous descent so as to join the

GS (or final segment) at the appropriate height for the distance without recourse to level flight.

The descent shall be arranged so as to maintain En-route configuration for as long as possible considering safety and ATC requirements. Speed reduction and extension of landing gear and high lift devices are to be planned in such a way, that landing configuration is established and correct approach speed is reached shortly prior to or at 4 miles final.

5. Reverse thrust

Reverse thrust, other than idle thrust, shall not be used between 23:00-06:00 LT, except for safety reasons.

6. Maintenance Run-ups

Run-ups for maintenance purposes are not permitted between 23:00-05:00 LT.

7. Noise monitoring terminals (NMT)

The following NMT are operating as part of the Noise Monitoring System:

NMT No.	Location (coordinates)	Location (geographical)	Max. noise levels in db (A)	
			For departures of a/c with maximum take-off mass of 300 tones or above	All other departures
1	Withdrawn	-	-	-
2	320146N 0345101E	OR-YEHUDA	93	91
3	320032N 0344945E	MISHMAR-HA'SHIV'AH	93	91
4	320001N 0344947E	BEYT-DAGAN	93	91
5	320022N 0344753E	KIRYAT-SHARET	88	85
6	315920N 0344725E	RISHON-LETZION	88	85
7	315953N 0344617E	KIRYAT BEN-GURION	88	85
8	315952N 0344426E	NEVE-HOF	88	85
9	320044N 0344742E	ESHKOL	88	85
10	320008N 0345123E	ZAFARIA	93	91
11	320015N 0344513E	BAT-YAM	88	85
12	315815N 0344932E	TNUOT	88	85

LLBG AD 2.22 FLIGHT PROCEDURES

1. Preferential runway system

1.1 **Arrivals:**

1.1.1 Runway 12 is the preferred runway assigned for landing aircraft, provided the tailwind component does not exceed 10 kt when runway is dry or 5 kt when runway is wet.

1.1.2 RWY 30 or RWY 21 will be preferred when high volume of traffic is expected.

1.2 **Departures:**

1.2.1 RWY 26 is the preferred runway assigned for departing aircraft, provided the tailwind component does not exceed 5 kt.

1.2.2 RWY 26 may be assigned with tailwind component greater than 5 kt subject to pilot request. Priority will be given to aircraft's utilizing the runway configuration in use.

2. Preferential Departure Routes

2.1 Departure westbound:

SUVAS

2.2 Departure north westbound:

- DAFNA - available from SUN 05:15 (04:15) until FRI 10:30 (09:30).
- MERVA - available from FRI 10:30 (09:15) until SUN 05:15 (04:15) and holiday eve. from 10:30 (09:30) until day after holiday 05:15 (04:15).
- Times based on EOBT.

2.3 Departure to Amman FIR:

SALAM

2.4 Departure Southbound:

TOMAL J10

2.5 SID's NAT, ORLEV, PIDET and RIPUD - assigned by ATC only.

3. Radar procedures

3.1 Initial call to Approach/Departure control:

Pilots shall report the following:

a. Departing aircraft: current altitude.

b. Arriving aircraft: current altitude and ATIS letter received.

3.2 Radar vectors will be issued on accordance with the SMAC (surveillance Minimum Altitude Chart).

3.3 Visual approach - in case of missed approach, pilots shall follow ATC instructions.

3.4 The inbound, transit and outbound routes shown on the charts may be varied at the discretion of ATC.

4. Communication Failure

4.1 **General Procedures:**

4.1.1 Set the transponder to Code 7600;

4.1.2 Keep Transmitting ("Blind Transmission") on tower/approach Frequency - or on 121.5 MHz;

4.1.3 If Able, Contact tower by Telephone (+972-3-9758110/666) and inform tower about your intentions;

4.2 **Communication Failure - IFR Flights:**

4.2.1 Arriving aircraft - STAR or approach clearance already received:

a. Proceed and complete the approach accordingly;

b. Land after receiving green light from the tower;

c. In case of red light received from the tower, or flashing runway edge lights, perform a missed approach procedure.

d. Unless a specific "Communication Failure" procedure is prescribed on the chart, perform the missed approach procedure, then proceed to the IAF at the IAF altitude and perform the same approach again.

4.2.2 Arriving aircraft - STAR or approach clearance not received:

a. Join the appropriate STAR:

- From KONFO: “AMMOS 1C”.
- From AMMIT: “AMMIT 1C”.
- From SALAM: “SALAM 2C”.

b. Perform ILS approach for RWY 26.

c. Land after receiving green light from the tower.

d. On case of red light received from the tower or flashing runway edge lights, perform a missed approach procedure.

e. Unless a specific “Communication Failure” procedure is prescribed on the chart, perform the missed approach procedure, then proceed to the IAF at the IAF altitude and perform the same approach again.

4.2.3 Departing aircraft - if not returning to land:

Proceed to “ORLEV” then turn to “DIVLA” at 5 000 ft, join STAR “AMMOS 1C” and perform ILS approach for RWY 26.

4.2.4 Departing aircraft - if not returning to land:

Follow the SID with **all applicable restrictions** and thereafter adjust level and speed in accordance with the filed flight plan.

Note - Traffic departing via “SALAM” or “TOMAL” maintain 7 000 ft/9 000 ft to “SALAM” or “TOMAL”.

4.3 Communication Failure - CVFR flights:

4.3.1 Fly over the tower and determine the runway in use, observing the traffic pattern and/or the wind direction indicator (“windsock”).

4.3.2 Join downwind leg (according to para. 5.3) at 2 000 ft, considering the traffic in the vicinity of the aerodrome.

4.3.3 Lang after receiving green light from the tower or flashing runway edge lights, go-around and join downwind leg.

5. Procedures for CVFR flights

5.1 CVFR flights are conducted according to controlled visual routes chart (see Domestic AIP, chapter A-07 & chapter B-03).

5.2 Circuit altitude:

- Category A and B – 1 200 feet,
- Category C and D – 2 000 feet.

5.3 Traffic pattern (unless instructed otherwise by ATC):

- Runways: 30, 26 and 21 – left hand pattern.
- Runways: 12 and 08 – right hand pattern.

6. Procedure for IFR flights to and from Amman FIR

6.1 Departure procedures:

As soon as practicable, but not later than 10 NM west of SALAM, the pilot shall contact Amman TACC on the second radio set.

6.2 Arrival procedures:

6.2.1 As soon as practicable, but not later than 10NM east of SALAM, two-way radio communication shall be established with Tel-Aviv ID on frequency: PRI 124.30 MHz, SRY 135.025 MHz for preliminary identification.

6.2.2 Flight departing from Amman shall not be permitted to enter Tel-Aviv FIR in the event of communication failure.

6.2.3 The aircraft shall maintain the assigned altitude by “Amman Control” 5 NM east of SALAM, before entering Tel-Aviv FIR.

6.2.4 The pilot shall contact Ben-Gurion not later than SALAM.

7. Low Visibility Procedure (LVP)

7.1 LVP will be implemented by TWR, and transmitted by ATIS, when RVR is below 800 meters (or visibility below 1200 meters).

7.2 Preferential Runway Configuration: RWY 21 will be used for arrivals and RWY 26 for departures.

7.3 During emergency in Low Visibility Conditions, RWY 26 will be the preferred runway for arrival.

7.4 Taxiway in the aprin area are not equipped with centre line lights. The taxiways guide lines may not be visible due to low visibility.

7.5 “Follow-me” service may be provided to aircraft upon pilot request or by ATC. However, this service will not be provided when visibility is less than 100 metres.

7.6 Due to greater separation applied in LVP, expect delays in the approach and departure.

7.7 Departing traffic shall report airborne.

8. Take off Minima for IFR Departures – ALL RUNWAYS

	HIRL, CL & RVR (minimum 2 transmission meters req.)	RCLM (DAY only) or CL & RWY END lights or HIRL
A, B, C, D	350 m	400 m

LLBG AD 2.23ADDITIONAL INFORMATION

Bird concentration in the vicinity of the airport
See AD 2 LLBG BIRD-1 AND BIRD-2

LLBG AD 2.24Charts Related To An Aerodrome

Chart Name	Page
Aerodrome Chart - ICAO	AD 2 LLBG ADC
Aircraft Parking Docking Chart - ICAO - Terminals 1	AD 2 LLBG APDCT1-4
Aircraft Parking Docking Chart - ICAO - Apron V	AD 2 LLBG APDCV-5
Aircraft Parking Chart - ICAO - Terminal 3	AD 2 LLBG APDCT3-1
Aircraft Parking Chart - ICAO - Terminal 3 - Apron H, X	AD 2 LLBG APDCHX-6
Aircraft Parking Chart - ICAO - Apron N	AD 2 LLBG APDCN-3
Aerodrome Obstacle chart - Type A - ICAO - RWY 03/21	AD 2 LLBG AOC-03-21
Aerodrome Obstacle chart - Type A - ICAO - RWY 08/26	AD 2 LLBG AOC-08-26
Aerodrome Obstacle chart - Type A -ICAO - RWY 12/30	AD 2 LLBG AOC-12-30
Precision Approach Terrain Chart - ICAO - RWY 12	AD 2 LLBG PATC-12

Chart Name	Page
Standard Departure Chart - instrument (SID) - ICAO - RWY 12, 26, 30 PIDET 2C, 1E, 1F, RIPUD 1E, 1F	AD 2 LLBG SID-12-26-30-1
Standard Departure Chart - instrument (SID) - ICAO - RWY 12, 26, 30 ORLEV 1C, 1E, 1F	AD 2 LLBG SID-12-26-30-2
Standard Departure Chart - instrument (SID) - ICAO - RWY 08 MERVA 2B, SUVAS 1B, SALAM 4B, TOMAL 4B, DAFNA1B	AD 2 LLBG SID-08-1
Standard Departure Chart - instrument (SID) - ICAO - RWY 08 IVONA 1B, RAPIV 1B	AD 2 LLBG SID-08-2
Standard Departure Chart - instrument (SID) - ICAO - RWY 12 MERVA 3C, SUVAS 2C, SALAM 5C, TOMAL 5C, DAFNA 2C	AD 2 LLBG SID-12-1
Standard Departure Chart - instrument (SID) - ICAO - RWY 26 MERVA 2E, SUVAS 1E, SALAM 4E, TOMAL 4E, DAFNA1E	AD 2 LLBG SID-26-1
Standard Departure Chart - instrument (SID) - ICAO - RWY 30 MERVA 2F, SUVAS 1F, SALAM 4F, TOMAL 4F, DAFNA1F	AD 2 LLBG SID-30-1
Standard Departure Chart - instrument (SID) - ICAO - RWY 03, 08, 12, 21 NAT 1A, 1B, 1D, SUVAS 1G	AD 2 LLBG SID-03-08-12-21
Standard arrival chart instrument (STAR) - ICAO - RWY 08 PURLA1	AD 2 LLBG STAR-08-1
Standard arrival chart instrument (STAR) - ICAO - RWY 12, 30 NINET1, GODED2	AD 2 LLBG STAR-12-30-1
Standard arrival chart instrument (STAR) - ICAO - RWY 12 AMMIT 1B, SALAM 2B	AD 2 LLBG STAR-12-1
Standard arrival chart instrument (STAR) - ICAO - RWY 21 AMMOS 1A, 1B, AMMIT 1A, SALAM 2A	AD 2 LLBG STAR-21-1
Standard arrival chart instrument (STAR) - ICAO - RWY 26 AMMOS 1C, 1D, AMMIT 1C, SALAM 2C	AD 2 LLBG STAR-26-1
Standard arrival chart instrument (STAR) - ICAO - RWY 30 AMMOS 1E, 1F, AMMIT 1E, SALAM 3E	AD 2 LLBG STAR-30-1
Instrument Approach Chart - ICAO - ILS RWY 08	AD 2 LLBG IAC-08ILS-2
Instrument Approach Chart - ICAO - ILS RWY 12	AD 2 LLBG IAC-12ILS-3
RNAV Transition to RWY 21, 26	AD 2 LLBG TRANS-21-26
Instrument Approach Chart - ICAO - ILS RWY 21	AD 2 LLBG IAC-21ILS-1
Instrument Approach Chart - ICAO - ILS RWY 26	AD 2 LLBG IAC-26ILS-1
Instrument Approach Chart - ICAO - ILS RWY 30	AD 2 LLBG IAC-30ILS-1
Instrument Approach Chart - ICAO - LOC RWY 21	AD 2 LLBG IAC-12LOC-1
Instrument Approach Chart - ICAO - RNP RWY 08	AD 2 LLBG IAC-08RNP-1
Instrument Approach Chart - ICAO - RNP RWY 12	AD 2 LLBG IAC-12RNP-2
Instrument Approach Chart - ICAO - RNP X RWY 21	AD 2 LLBG IAC-21RNPX-3
Instrument Approach Chart - ICAO - RNP Y RWY 21	AD 2 LLBG IAC-21RNPY-2
Instrument Approach Chart - ICAO - RNP RWY 26	AD 2 LLBG IAC-26RNP-2
Instrument Approach Chart - ICAO - RNP W RWY 30	AD 2 LLBG IAC-30RNPW-4
Instrument Approach Chart - ICAO - RNP X RWY 30	AD 2 LLBG IAC-30RNPX-3
Instrument Approach Chart - RNP Y RWY 30 (AR)	AD 2 LLBG IAC-30RNPY-5
Visual Approach Chart	AD 2 LLBG VAC
Visual Approach Chart - NAMIM APCH RWY 21	AD 2 LLBG VAC-21NAMIM-1
Visual Approach Chart - GAVRI APCH RWY 30	AD 2 LLBG VAC-30GAVRI-2-1
Visual Approach Chart - ROMIE APCH RWY 30	AD 2 LLBG VAC-30ROMIE-3
ATC Surveillance Minimum Altitude Chart - ICAO	AD 2 LLBG ATC-SMAC
Bird concentrations and movements	AD 2 LLBG BIRD-1
Bird concentrations and movements - (all year)	AD 2 LLBG BIRD-2

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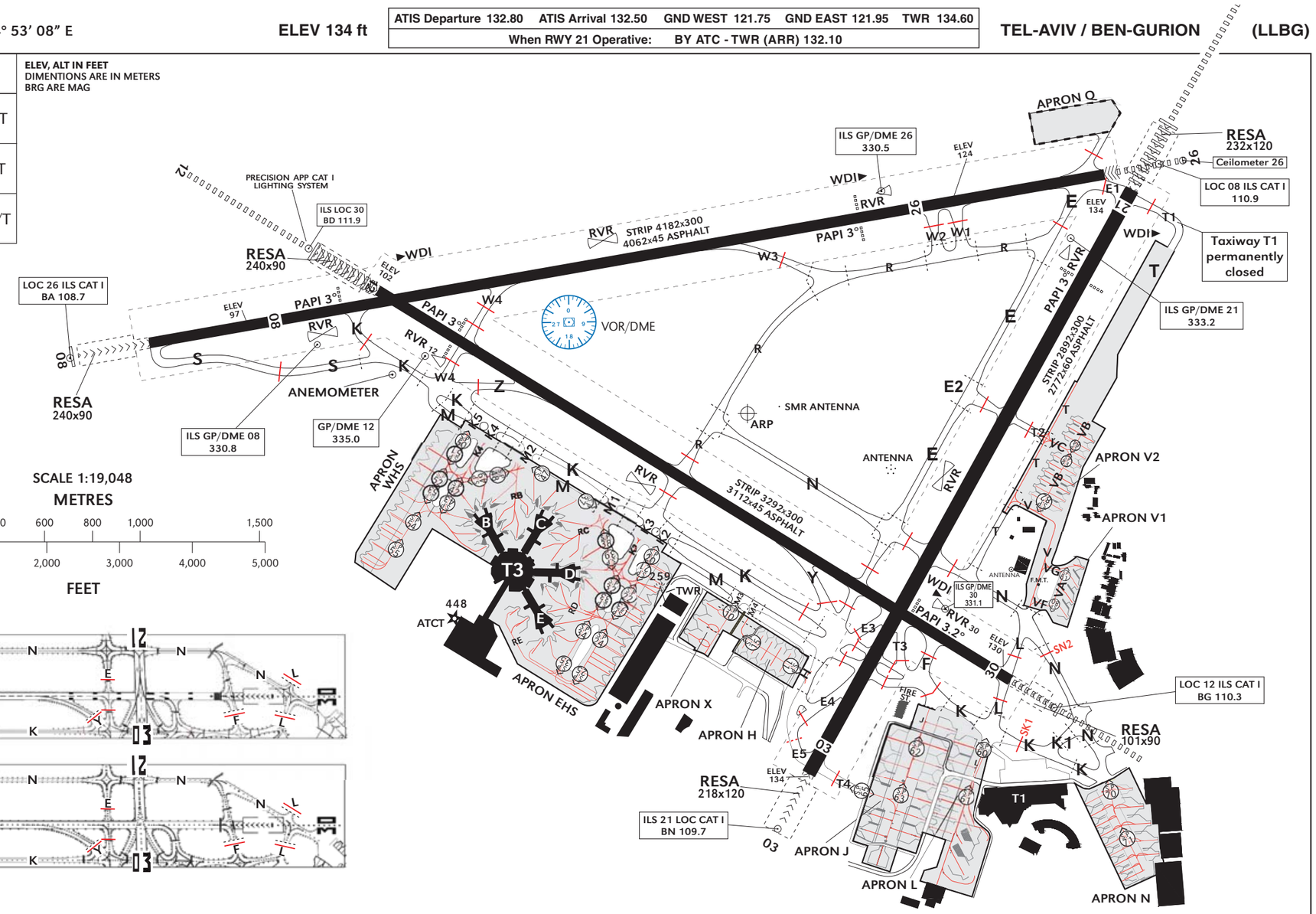
AERODROME CHART - ICAO 32° 00′ 34″ N 034° 53′ 08″ E **ELEV 134 ft**

ATIS Departure 132.80	ATIS Arrival 132.50	GND WEST 121.75	GND EAST 121.95	TWR 134.60
When RWY 21 Operative:	BY ATC - TWR (ARR) 132.10			

TEL-AVIV / BEN-GURION (LLBG)

RWY	THR		BEARING STRENGTH
03	31° 59′ 46.38″ N	034° 53′ 09.89″ E	PCN 90/F/C/W/T
21	32° 01′ 05.25″ N	034° 54′ 00.81″ E	
08	32° 00′ 46.29″ N	034 51′ 39.14″ E	PCN 90/F/C/X/T
26	32° 01′ 03.83″ N	034 53′ 33.88″ E	
12	32° 00′ 51.14″ N	034° 52′ 00.56″ E	PCN 90/F/C/W/T
30	31° 59′ 59.88″ N	034° 53′ 39.12″ E	

ELEV, ALT IN FEET
DIMENTIONS ARE IN METERS
BRG ARE MAG

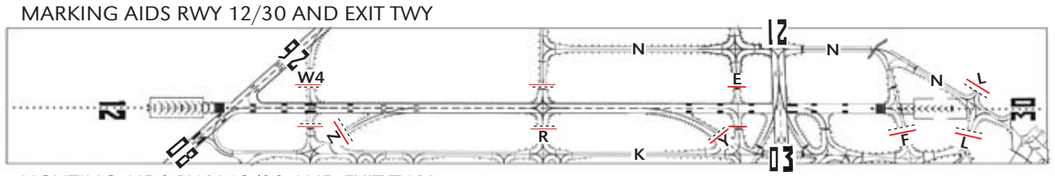


N
VAR 5°E 2019
ANNUAL RATE OF CHANGE 5' E

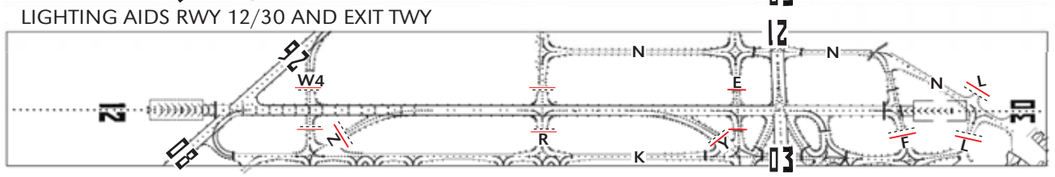
LEGEND	
TAXIWAY	M
STARTING POINT	S-P 47
GATE LEAD IN TAXILANE	RC
AIRCRAFT STAND	C-6
APRON NAME	WHS
INTERMEDIATE HOLDING POSITION	- - - - - - - -
HOLDING POSITION	SN2
TAXILANE AND DIRECTION	→
APRON BOUNDARY	

SCALE 1:19,048
METRES
0 200 400 600 800 1,000 1,500
0 1,000 2,000 3,000 4,000 5,000
FEET

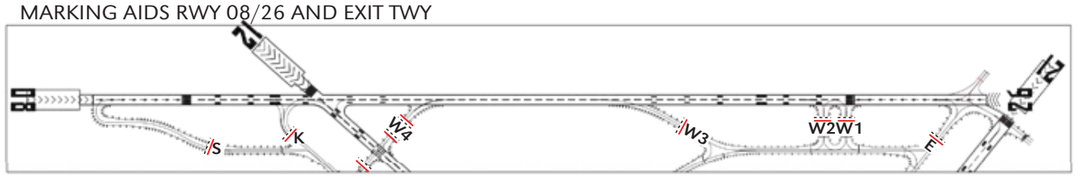
MARKING AIDS RWY 12/30 AND EXIT TWY



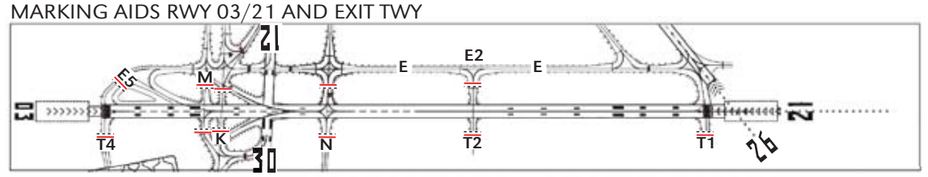
LIGHTING AIDS RWY 12/30 AND EXIT TWY



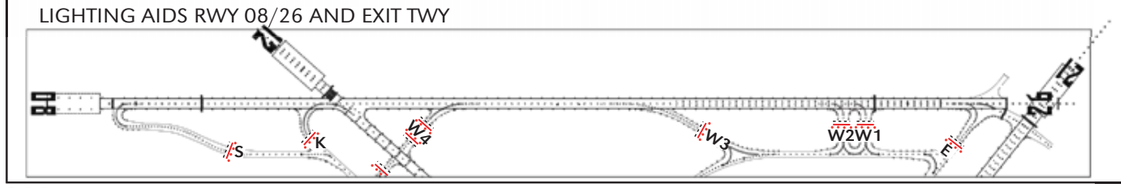
MARKING AIDS RWY 08/26 AND EXIT TWY



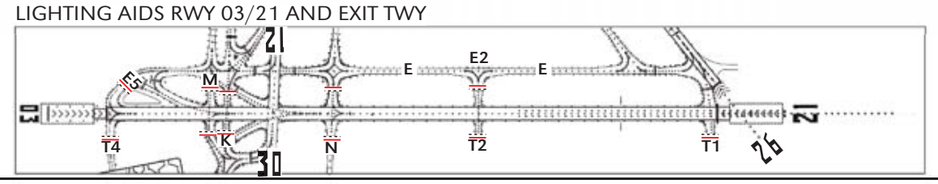
MARKING AIDS RWY 03/21 AND EXIT TWY



LIGHTING AIDS RWY 08/26 AND EXIT TWY



LIGHTING AIDS RWY 03/21 AND EXIT TWY



CHANGES: Frequencies, Taxiway T1

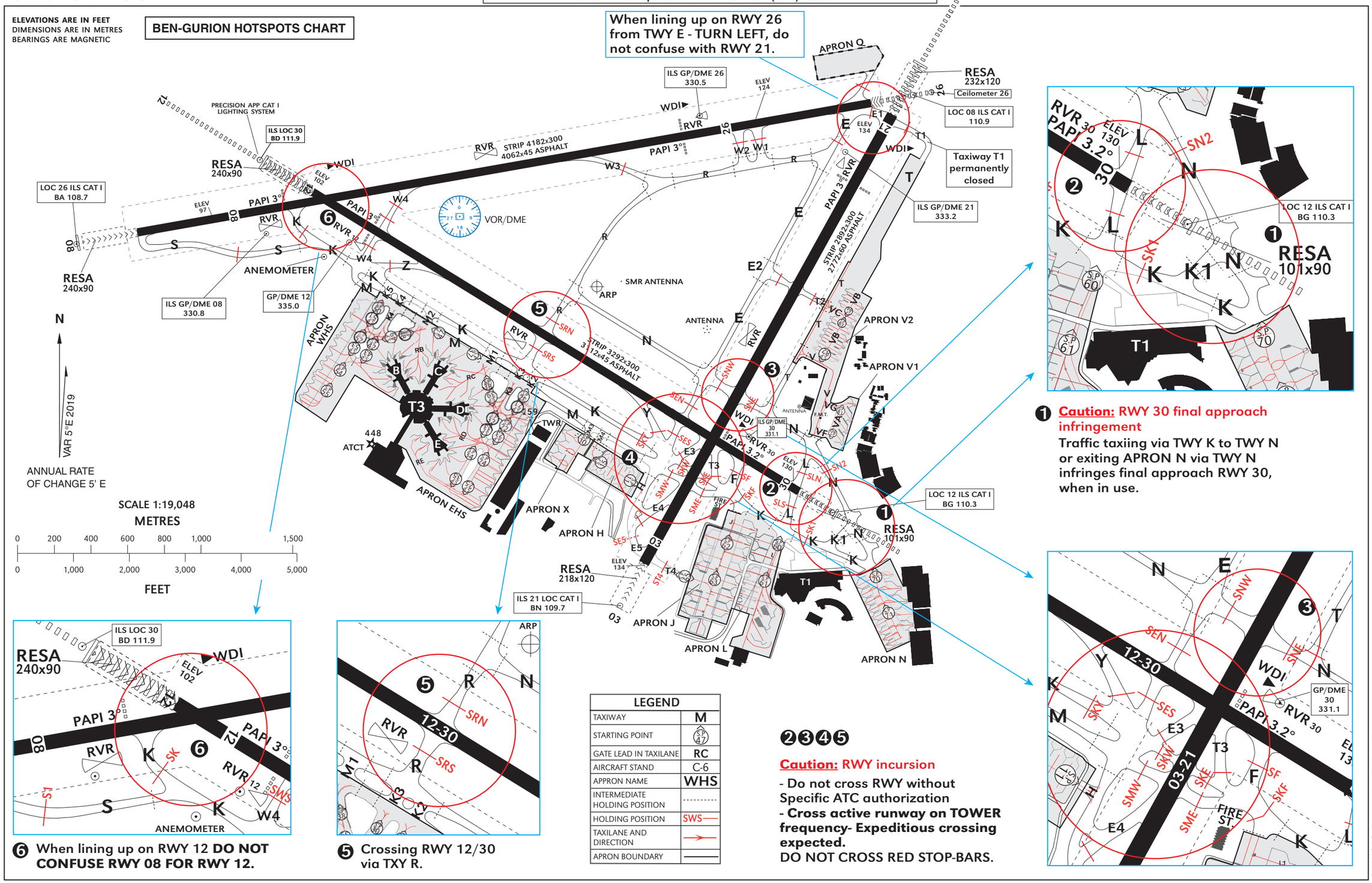
AERODROME GROUND MOVEMENT CHART - ICAO | 32° 00′ 34″ N 034° 53′ 08″ E | **ELEV 134 ft**

ATIS Departure 132.80	ATIS Arrival 132.50	GND WEST 121.75	GND EAST 121.95	TWR 134.60
When RWY 21 Operative:	BY ATC - TWR (ARR) 132.10			

TEL-AVIV / BEN-GURION (LLBG)

ELEVATIONS ARE IN FEET
DIMENSIONS ARE IN METRES
BEARINGS ARE MAGNETIC

BEN-GURION HOTSPOTS CHART



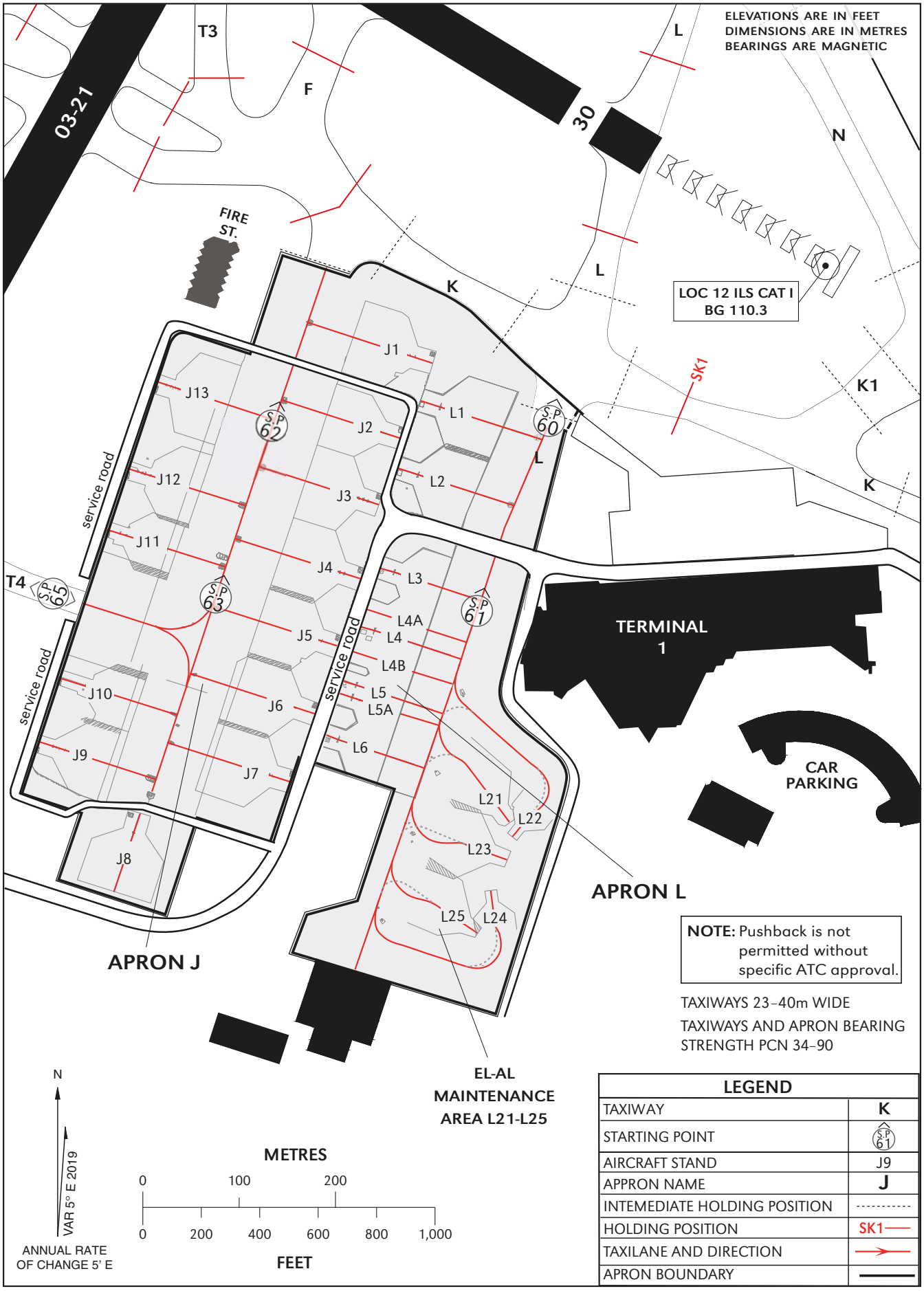
CHANGES: Frequencies, Taxiway T1

AIRCRAFT PARKING/ DOCKING CHART TERMINAL 1 – ICAO

APRON ELEV
131 ft

ATIS Depature	132.80
GND EAST	121.95
GND WEST	121.75
TWR	134.60

TEL-AVIV / BEN-GURION (LLBG)



CHANGES: Frequencies, New Apron Stands.

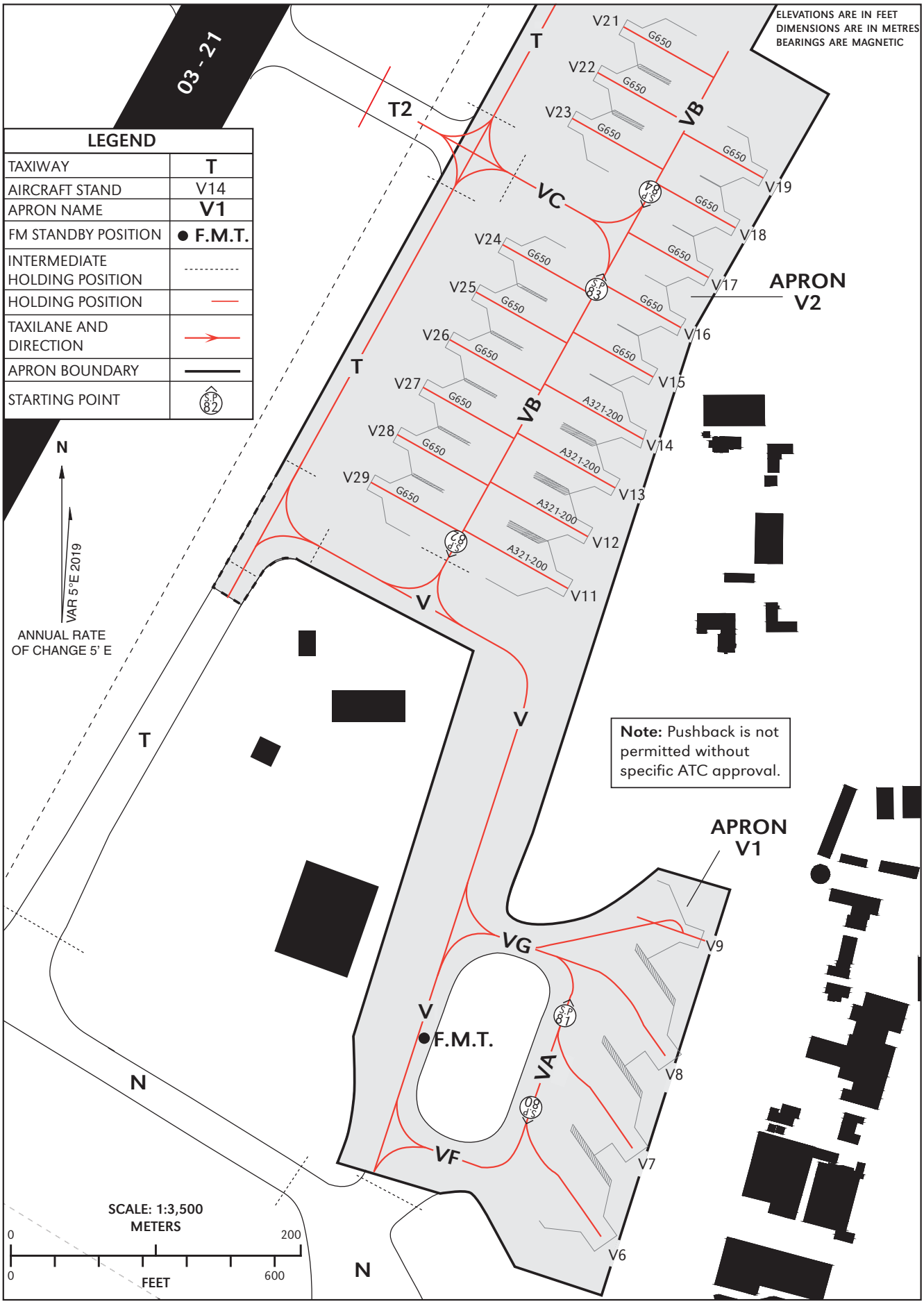
INS Coordinates for Aircraft Stands (GND East)			
Stand No.	Coordinates	Stand No.	Coordinates
J1	31° 59′ 51.63″ N 034° 53′ 32.27″ E	L1	31° 59′ 49.93″ N 034° 53′ 33.27″ E
J2	31° 59′ 49.11″ N 034° 53′ 30.71″ E	L2	31° 59′ 47.61″ N 034° 53′ 32.39″ E
J3	31° 59′ 46.69″ N 034° 53′ 30.39″ E	L3	31° 59′ 44.27″ N 034° 53′ 31.45″ E
J4	31° 59′ 44.22″ N 034° 53′ 29.46″ E	L4	31° 59′ 42.26″ N 034° 53′ 30.67″ E
J5	31° 59′ 41.91″ N 034° 53′ 28.57″ E	L4A	31° 59′ 42.85″ N 034° 53′ 30.89″ E
J6	31° 59′ 39.67″ N 034° 53′ 27.40″ E	L4B	31° 59′ 41.41″ N 034° 53′ 30.34″ E
J7	31° 59′ 37.33″ N 034° 53′ 26.51″ E	L5	31° 59′ 40.41″ N 034° 53′ 29.96″ E
J8	31° 59′ 35.35″ N 034° 53′ 21.12″ E	L5A	31° 59′ 39.98″ N 034° 53′ 29.80″ E
J9	31° 59′ 38.28″ N 034° 53′ 17.90″ E	L6	31° 59′ 38.56″ N 034° 53′ 29.25″ E
J10	31° 59′ 40.38″ N 034° 53′ 19.21″ E	L21	31° 59′ 36.36″ N 034° 53′ 36.06″ E
J11	31° 59′ 45.57″ N 034° 53′ 20.56″ E	L22	31° 59′ 35.77″ N 034° 53′ 36.68″ E
J12	31° 59′ 47.62″ N 034° 53′ 21.53″ E	L23	31° 59′ 34.89″ N 034° 53′ 35.72″ E
J13	31° 59′ 50.64″ N 034° 53′ 22.38″ E	L24	31° 59′ 33.33″ N 034° 53′ 35.63″ E
		L25	31° 59′ 32.35″ N 034° 53′ 34.63″ E

AIRCRAFT PARKING/ DOCKING CHART APRON V – ICAO

APRON ELEV
131 ft

ATIS Depature	132.80
GND EAST	121.95
GND WEST	121.75
TWR	134.60

TEL-AVIV / BEN-GURION (LLBG)



CHANGES: Frequencies

INS Coordinates for Aircraft Stands (APRON V)			
Stand No.	Coordinates	Stand No.	Coordinates
V6	32° 00' 05.98" N 034° 53' 48.63" E	V22	32° 00' 33.12" N 034° 53' 50.77" E
V7	32° 00' 07.97" N 034° 53' 49.38" E	V23	32° 00' 32.09" N 034° 53' 50.10" E
V8	32° 00' 10.05" N 034° 53' 50.194" E	V24	32° 00' 29.24" N 034° 53' 48.27" E
V9	32° 00' 21.78" N 034° 53' 50.71" E	V25	32° 00' 28.17" N 034° 53' 47.58" E
V11	32° 00' 12.76" N 034° 53' 49.50" E	V26	32° 00' 27.10" N 034° 53' 46.89" E
V12	32° 00' 22.95" N 034° 53' 50.03" E	V27	32° 00' 26.03" N 034° 53' 46.20" E
V13	32° 00' 24.05" N 034° 53' 50.74" E	V28	32° 00' 24.96" N 034° 53' 45.51" E
V14	32° 00' 25.15" N 034° 53' 51.45" E	V29	32° 00' 23.89" N 034° 53' 44.82" E
V15	32° 00' 26.50" N 034° 53' 51.82" E		
V16	32° 00' 27.62" N 034° 53' 52.55" E		
V17	32° 00' 28.74" N 034° 53' 53.27" E		
V18	32° 00' 29.86" N 034° 53' 53.99" E		
V19	32° 00' 30.98" N 034° 53' 54.71" E		
V21	32° 00' 34.16" N 034° 53' 51.44" E		

Notes:

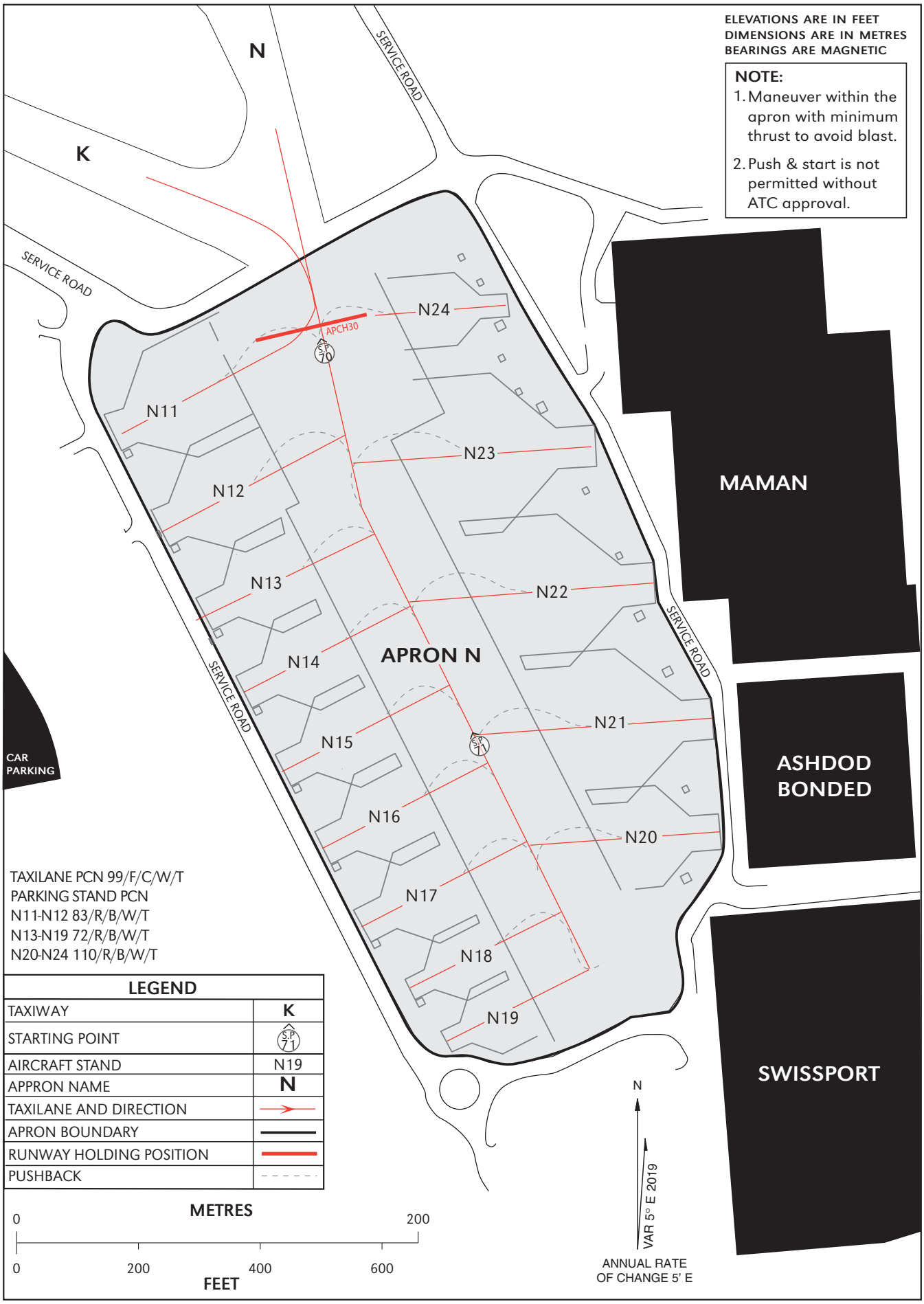
Aircraft entry to positions V6 through V9 by follow-me instructions only. Exit by push-back to start up position 80/81 on apron V and taxi out.
Maximum wingspan stands V6 through V8 - 41.07 meters.
Maximum wingspan stand V9 - 35.80 meters.

AIRCRAFT PARKING/ DOCKING CHART TERMINAL 1 - APRON N – ICAO

APRON ELEV
131 ft

ATIS Depature	132.80
GND EAST	121.95
GND WEST	121.75
TWR	134.60

TEL-AVIV / BEN-GURION (LLBG)



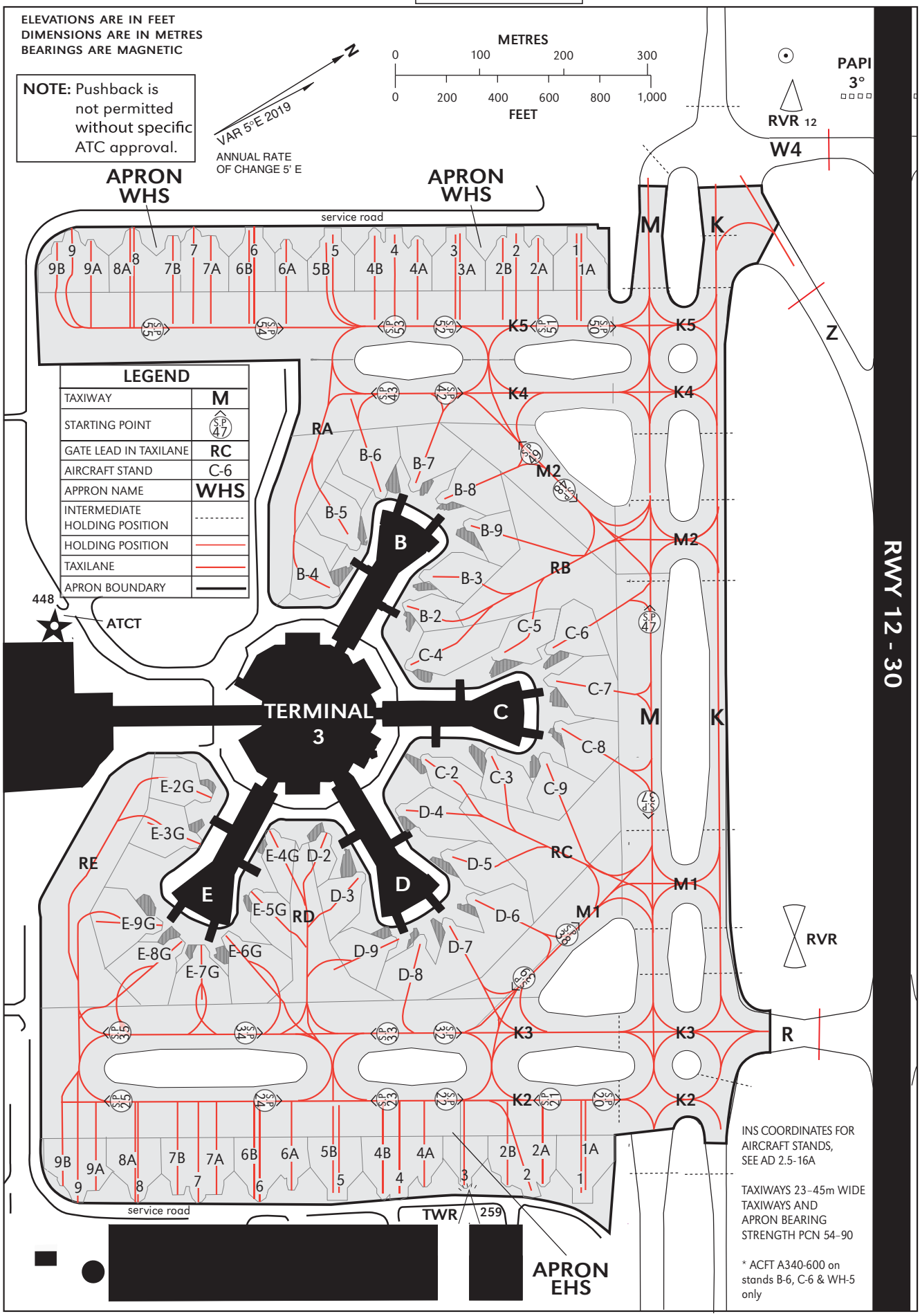
INS Coordinates for Aircraft Stands (APRON N)					
Stand No.	Coordinates	Stand No.	Coordinates	Stand No.	Coordinates
N11	31° 59' 42.11" N 034° 53' 53.63" E	N16	31° 59' 35.12" N 034° 53' 57.84" E	N21	31° 59' 37.08" N 034° 54' 04.55" E
N12	31° 59' 40.51" N 034° 53' 54.57" E	N17	31° 59' 33.80" N 034° 53' 58.63" E	N22	31° 59' 39.36" N 034° 54' 03.39" E
N13	31° 59' 39.08" N 034° 53' 55.49" E	N18	31° 59' 32.66" N 034° 53' 59.42" E	N23	31° 59' 41.70" N 034° 54' 02.29" E
N14	31° 59' 37.76" N 034° 53' 56.28" E	N19	31° 59' 31.76" N 034° 54' 00.13" E	N24	31° 59' 44.07" N 034° 54' 00.33" E
N15	31° 59' 36.44" N 034° 53' 57.06" E	N20	31° 59' 35.17" N 034° 54' 04.77" E		

AIRCRAFT PARKING/ DOCKING CHART – ICAO TERMINAL 3

APRON ELEV
112 ft

ATIS Depature	132.80
GND EAST	121.95
GND WEST	121.75
TWR	134.60

TEL-AVIV / BEN-GURION (LLBG)



INS Coordinates for Aircraft Stands (GND West)

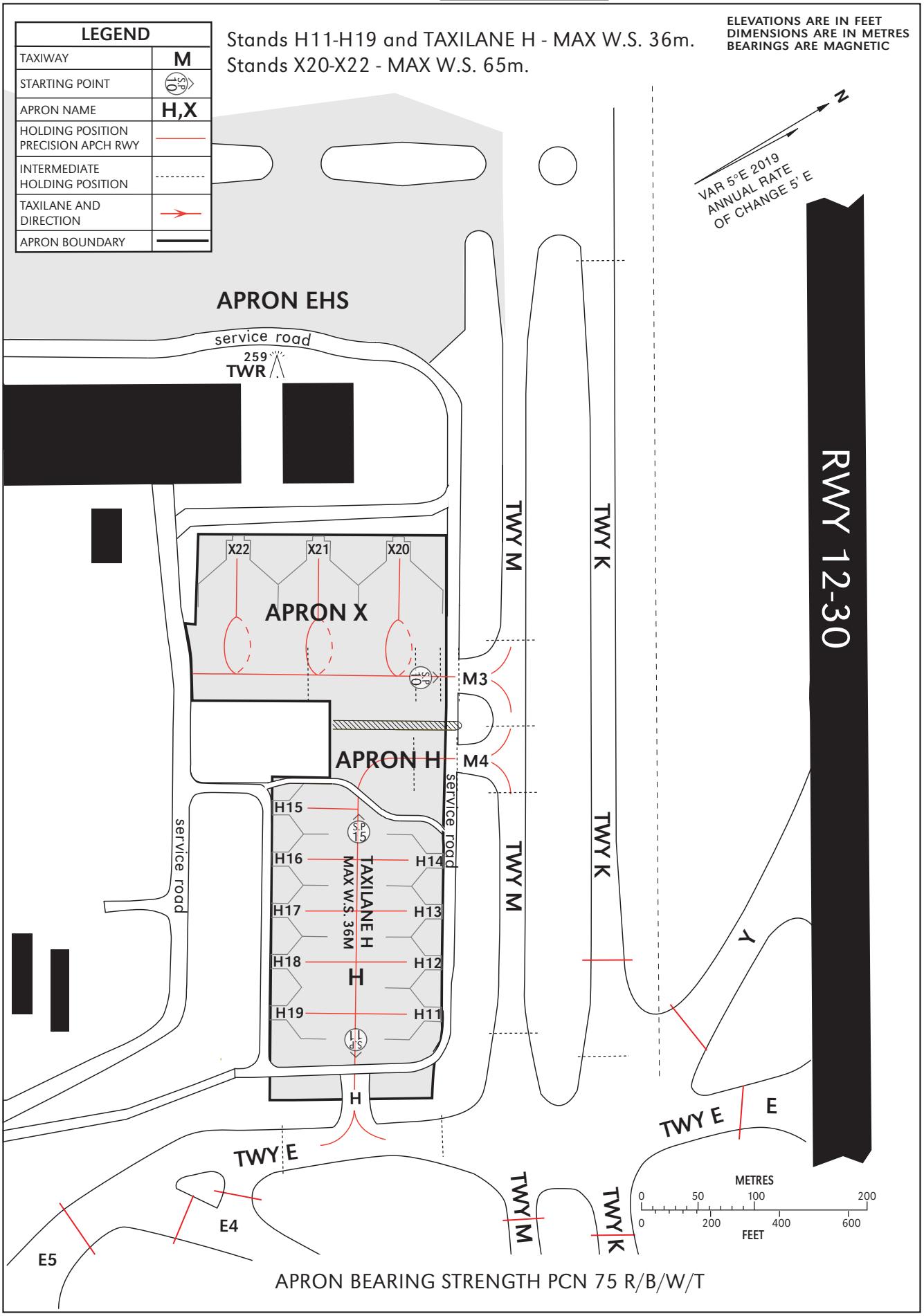
Stand No.	Coordinates	Stand No.	Coordinates
B2	32° 00' 18.67" N 034° 52' 20.51" E	E7G	32° 00' 04.70" N 034° 52' 29.11" E
B3	32° 00' 20.07" N 034° 52' 19.93" E	E8G	32° 00' 03.86" N 034° 52' 28.15" E
B4	32° 00' 16.47" N 034° 52' 18.04" E	E9G	32° 00' 03.62" N 034° 52' 26.66" E
B5	32° 00' 18.16" N 034° 52' 16.45" E	EH1	32° 00' 12.51" N 034° 52' 47.20" E
B6*	32° 00' 20.11" N 034° 52' 15.37" E	EH1A	32° 00' 12.70" N 034° 52' 47.29" E
B7	32° 00' 21.48" N 034° 52' 15.88" E	EH2	32° 00' 10.79" N 034° 52' 45.97" E
B8	32° 00' 22.25" N 034° 52' 17.22" E	EH2A	32° 00' 11.39" N 034° 52' 46.07" E
B9	32° 00' 22.43" N 034° 52' 18.94" E	EH2B	32° 00' 10.22" N 034° 52' 45.22" E
C2	32° 00' 16.14" N 034° 52' 26.90" E	EH3	32° 00' 08.81" N 034° 52' 44.16" E
C3	32° 00' 18.36" N 034° 52' 28.34" E	EH4	32° 00' 06.49" N 034° 52' 42.89" E
C4	32° 00' 17.60" N 034° 52' 22.88" E	EH4A	32° 00' 07.47" N 034° 52' 43.23" E
C5	32° 00' 20.75" N 034° 52' 24.57" E	EH4B	32° 00' 05.96" N 034° 52' 42.49" E
C6*	32° 00' 22.63" N 034° 52' 25.60" E	EH5	32° 00' 04.48" N 034° 52' 41.46" E
C7	32° 00' 22.00" N 034° 52' 26.92" E	EH5B	32° 00' 04.32" N 034° 52' 41.31" E
C8	32° 00' 21.27" N 034° 52' 28.99" E	EH6	32° 00' 01.85" N 034° 52' 39.55" E
C9	32° 00' 20.04" N 034° 52' 29.86" E	EH6A	32° 00' 03.07" N 034° 52' 40.04" E
D2	32° 00' 11.09" N 034° 52' 27.47" E	EH6B	32° 00' 01.84" N 034° 52' 39.15" E
D3	32° 00' 11.49" N 034° 52' 29.90" E	EH7	31° 59' 59.85" N 034° 52' 38.11" E
D4	32° 00' 14.40" N 034° 52' 29.90" E	EH7A	32° 00' 00.58" N 034° 52' 38.25" E
D5	32° 00' 15.00" N 034° 52' 31.29" E	EH7B	31° 59' 59.32" N 034° 52' 37.34" E
D6	32° 00' 14.92" N 034° 52' 33.57" E	EH8	31° 59' 57.84" N 034° 52' 36.68" E
D7	32° 00' 13.49" N 034° 52' 33.92" E	EH8A	31° 59' 57.90" N 034° 52' 36.39" E
D8	32° 00' 12.15" N 034° 52' 33.92" E	EH9	31° 59' 55.83" N 034° 52' 35.24" E
D9	32° 00' 11.16" N 034° 52' 33.13" E	EH9A	31° 59' 56.60" N 034° 52' 35.41" E
E2G	32° 00' 08.02" N 034° 52' 22.84" E	EH9B	31° 59' 55.60" N 034° 52' 34.40" E
E3G	32° 00' 06.63" N 034° 52' 24.22" E	WH1	32° 00' 31.72" N 034° 52' 10.24" E
E4G	32° 00' 09.47" N 034° 52' 26.31" E	WH1A	32° 00' 31.88" N 034° 52' 10.37" E
E5G	32° 00' 07.73" N 034° 52' 28.15" E	WH2	32° 00' 29.72" N 034° 52' 08.80" E
E6G	32° 00' 06.00" N 034° 52' 29.43" E	WH2A	32° 00' 30.38" N 034° 52' 09.50" E

AIRCRAFT PARKING CHART
TERMINAL 3 – APRON H – APRON X

APRON ELEV
120 ft

ATIS Depature	132.80
GND EAST	121.95
GND WEST	121.75
TWR	134.60

TEL-AVIV / BEN-GURION (LLBG)



APRON BEARING STRENGTH PCN 75 R/B/W/T

CHANGES: Frequencies

INS Coordinates for Aircraft Stands (APRON H, APRON X)

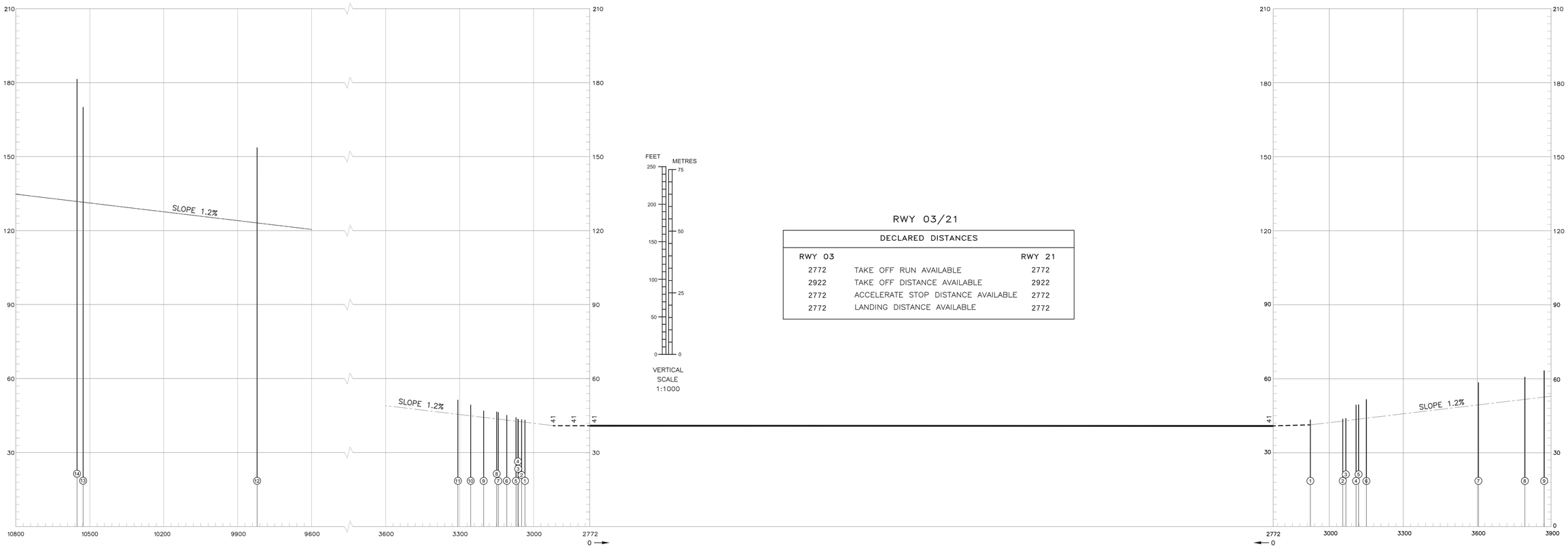
Stand No.	Coordinates	A/C type	Stand No.	Coordinates	A/C type
H11	32° 00' 02.65" N 034° 53' 07.21" E		H19	31° 59' 59.01" N 034° 53' 04.61" E	
H12	32° 00' 03.42" N 034° 53' 05.71" E		X20	32° 00' 08.70" N 034° 52' 53.26" E	
H13	32° 00' 04.20" N 034° 53' 04.21" E		X21	32° 00' 06.69" N 034° 52' 51.82" E	
H14	32° 00' 04.97" N 034° 53' 02.71" E		X22	32° 00' 04.68" N 034° 52' 50.39" E	
H15	32° 00' 02.12" N 034° 52' 58.63" E				
H16	32° 00' 01.34" N 034° 53' 00.12" E				
H17	32° 00' 00.57" N 034° 53' 01.62" E				
H18	31° 59' 59.79" N 034° 53' 03.12" E				

DIMENSIONS AND
ELEVATIONS IN METRES

AERODROME OBSTACLE CHART TYPE A

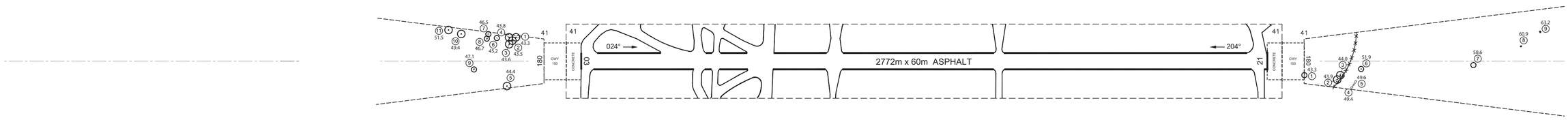
TEL-AVIV / BEN-GURION
RWY 03/21

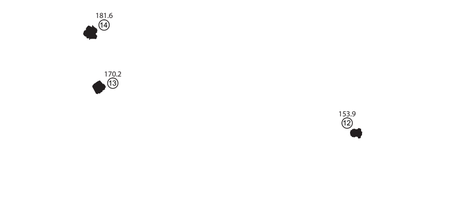
MAGNETIC VARIATION 5º (2019)



RWY 03/21

DECLARED DISTANCES		
RWY 03		RWY 21
2772	TAKE OFF RUN AVAILABLE	2772
2922	TAKE OFF DISTANCE AVAILABLE	2922
2772	ACCELERATE STOP DISTANCE AVAILABLE	2772
2772	LANDING DISTANCE AVAILABLE	2772





LEGEND	
IDENTIFICATION NUMBER	1
POLE, TOWER, SPIRE, ANTENNA, ETC.	
SMALL ELEMENT	
BUILDING, CRANE OR LARGE STRUCTURE	
TREE	
VEGETATION	
HIGH VOLTAGE LINE	
TERRAIN CONTOUR	
TERRAIN PENETRATIOG OBSTACLE PLANE	
FENCE	

HORIZONTAL SCALE 1:10000

METRES

300 200 100 0 500

1000 500 0 1000 2000

FEET

DATE OF SURVEY: NOV 2019

AMENDMENT RECORD		
No.	DATE	ENTERED BY

CHANGES: Update to obstacles

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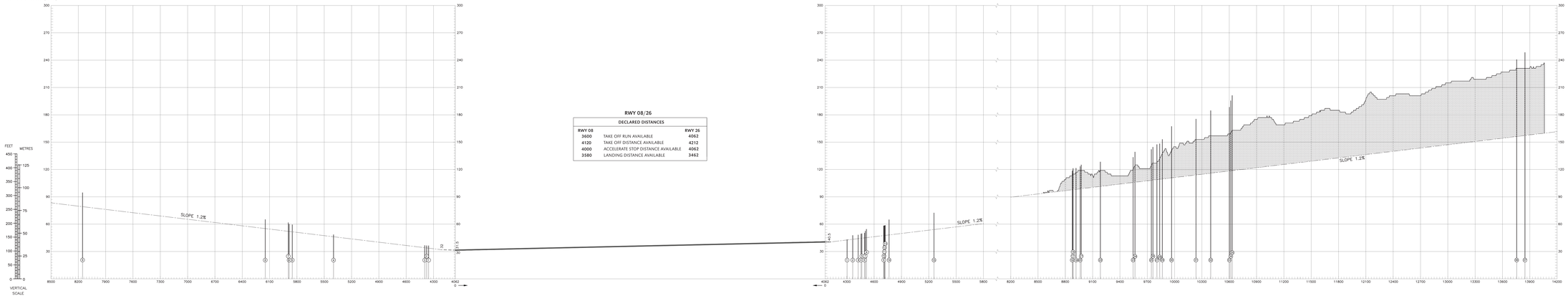
DIMENSIONS AND
ELEVATIONS IN METRES

AERODROME OBSTACLE CHART TYPE A

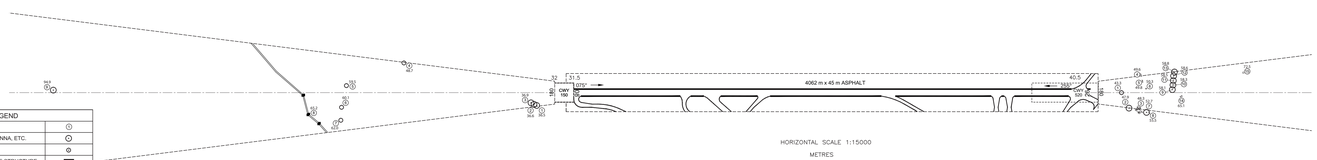
TEL-AVIV / BEN-GURION
RWY 08 / 26

MAGNETIC VARIATION 5° (2019)



RWY 08/26

DECLARED DISTANCES		
RWY 08		RWY 26
3600	TAKE OFF RUN AVAILABLE	4062
4120	TAKE OFF DISTANCE AVAILABLE	4212
4000	ACCELERATE STOP DISTANCE AVAILABLE	4062
3580	LANDING DISTANCE AVAILABLE	3462



LEGEND	
IDENTIFICATION NUMBER	
POLE, TOWER, SPIRE, ANTENNA, ETC.	
SMALL ELEMENT	
BUILDING, CRANE OR LARGE STRUCTURE	
TREE	
VEGETATION	
HIGH VOLTAGE LINE	
TERRAIN CONTOUR	
TERRAIN PENETRATIOG OBSTACLE PLANE	

AMENDMENT RECORD		
No.	DATE	ENTERED BY

DATE OF SURVEY: NOV 2019

CHANGES: Update to obstacles

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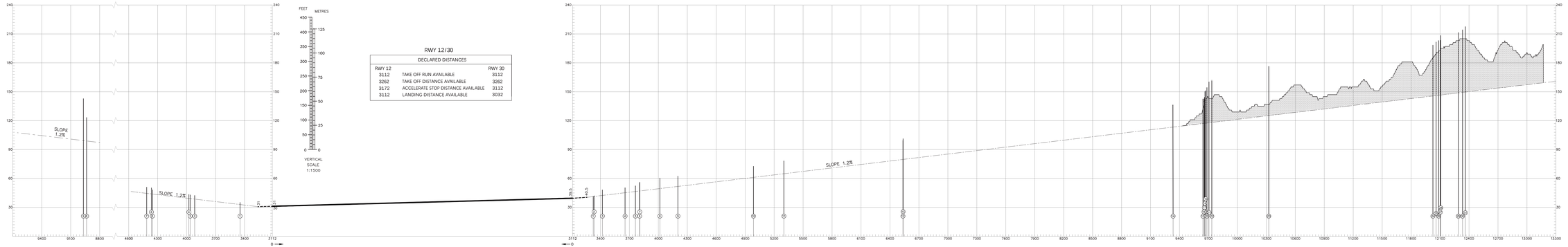
DIMENSIONS AND
ELEVATIONS IN METRES

AERODROME OBSTACLE CHART TYPE A

TEL-AVIV / BEN-GURION
RWY 12 / 30

MAGNETIC VARIATION 5º (2019)



RWY 12/30

DECLARED DISTANCES		
RWY 12		RWY 30
3112	TAKE OFF RUN AVAILABLE	3112
3262	TAKE OFF DISTANCE AVAILABLE	3262
3172	ACCELERATE STOP DISTANCE AVAILABLE	3112
3112	LANDING DISTANCE AVAILABLE	3032

LEGEND	
IDENTIFICATION NUMBER	
POLE, TOWER, SPIRE, ANTENNA, ETC.	
SMALL ELEMENT	
BUILDING, CRANE OR LARGE STRUCTURE	
TREE	
VEGETATION	
HIGH VOLTAGE LINE	
TERRAIN CONTOUR	
TERRAIN PENETRATIOG OBSTACLE PLANE	

AMENDMENT RECORD		
No.	DATE	ENTERED BY

DATE OF SURVEY: NOV 2019

CHANGES: Update no indicatives

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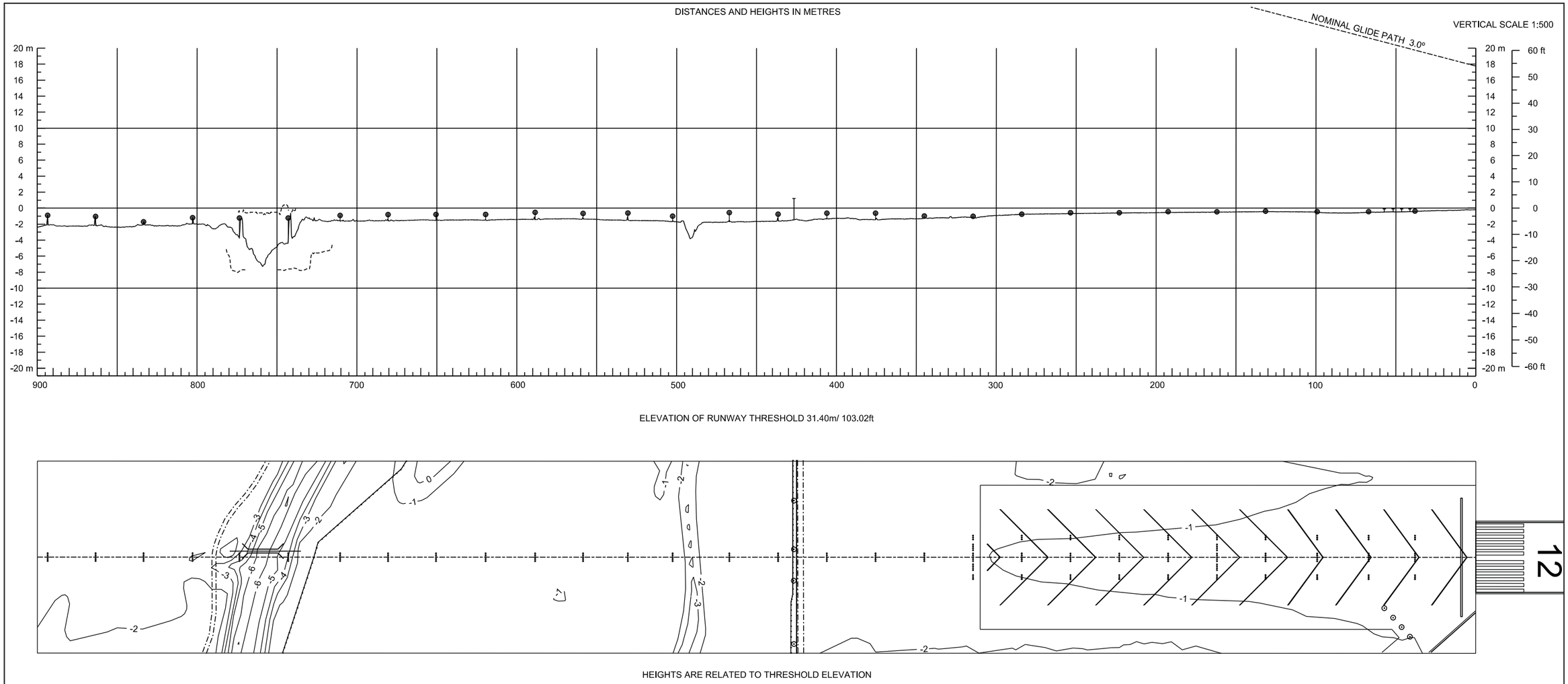
PRECISION APPROACH TERRAIN CHART - ICAO

TEL-AVIV / BEN-GURION (LLBG)
RWY 12



REV:	DATE:	DESCRIPTION:	ISSUED BY:	REQUESTED BY:

HORIZONTAL SCALE: 1 : 2500

0 40 80 120 m.

0 100 200 300 400 500 ft.

LEGEND		
Countours	-2	
Profile of extended RWY centre line		
Differences by ±3m (10ft) in height from the centre line profile		
Approach lighting	PLAN VIEW	PROFILE VIEW
Obstacle (Pole, tower, antenna, chimney)	PLAN VIEW	PROFILE VIEW
Highway or road		
Bridge		
Fence		

CHANGES: New chart

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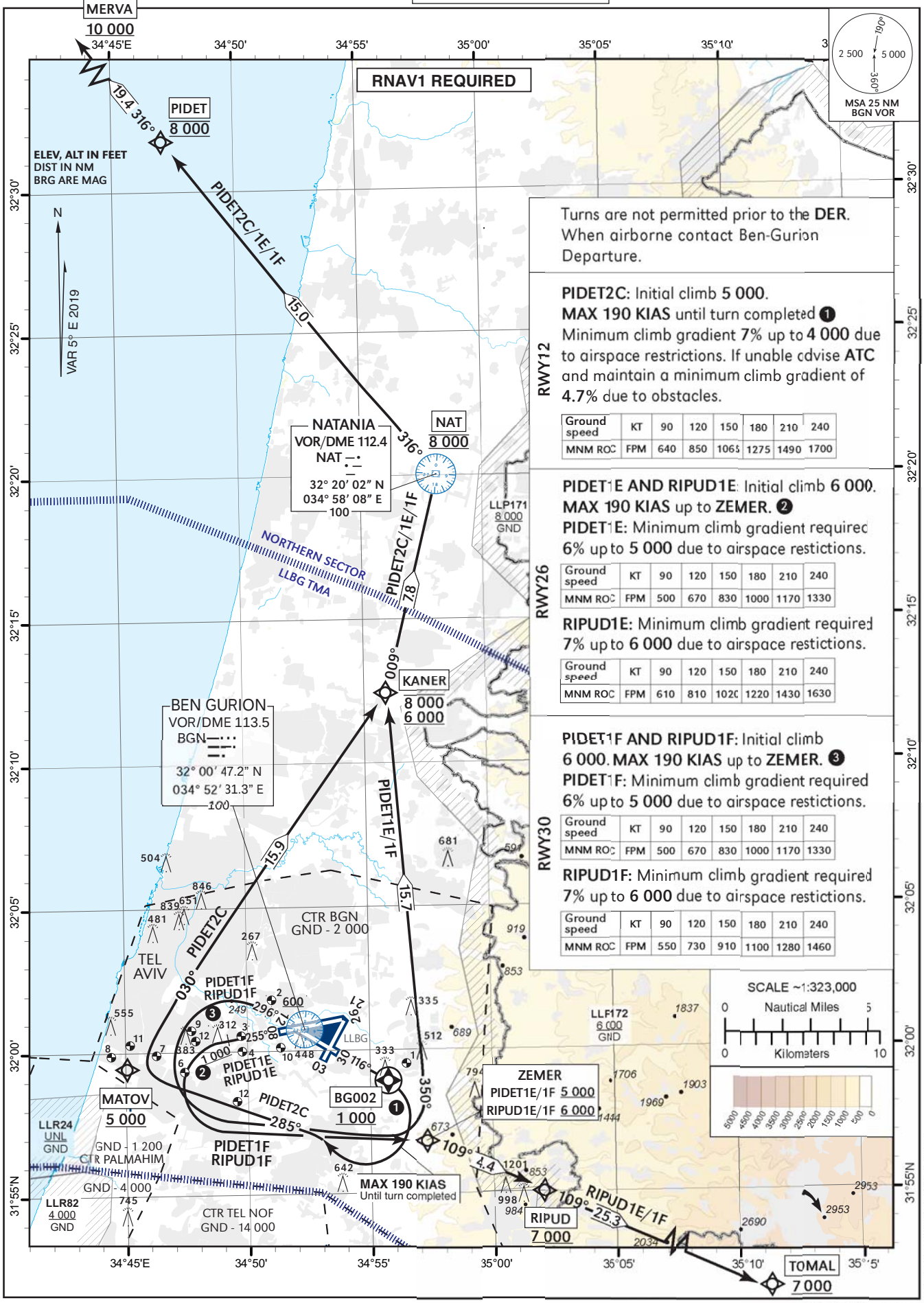
STANDARD DEPARTURE CHART - INSTRUMENT (SID) - ICAO

TRANSITION ALT 18 000

ATIS DEPARTURE	132.80
TWR	134.60
DEP	120.50
ACC	121.40

TEL-AVIV / BEN-GURION (LLBG)
RWYs 12, 26, 30
PIDET 2C/1E/1F, RIPUD 1E/1F



CHANGES: PIDET2C routing

PIDET 2C SID RWY 12

Navigation Specification	Path Descriptor (Recommended)	Waypoint Identifier	Latitude Longitude	Fly-Over	Course/Track M° (T°)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (Kts)	Remarks
RNAV1	CF	BG002	31° 58' 55.56"N 034° 55' 42.64" E	Y	116 (121.4)	2.0		+1 000	-190	
RNAV1	CF	MATOV	31° 59' 26.0"N 034° 45' 06.0" E		285 (290.2)		R	+5 000	-190	
RNAV1	TF	KANER	32° 12' 28.0"N 034° 55' 55.0" E		030 (035.2)	15.9	R	-8 000 +6 000	-250	
RNAV1	TF	NAT	32° 20' 02.0"N 034° 58' 08.0" E		009 (014.0)	7.8	L	@8 000	-250	
RNAV1	TF	PIDET	32° 31' 46.0"N 034° 47' 03.0" E		316 (321.4)	15.0	L	@8 000	-250	
RNAV1	TF	MERVA	32° 46' 54.0"N 034° 32' 38.0" E		316 (321.2)	19.4		+10 000		

PIDET 1E SID RWY 26

Navigation Specification	Path Descriptor (Recommended)	Waypoint Identifier	Latitude Longitude	Fly-Over	Course/Track M° (T°)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (Kts)	Remarks
RNAV1	CA				255 (259.8)			+1 000	-190	
RNAV1	DF	ZEMER	31° 56' 48.6"N 034° 57' 22.2" E				L	+5 000	-190	
RNAV1	TF	KANER	32° 12' 28.0"N 034° 55' 55.0" E		350 (355.5)	15.7	L	-8 000 +6 000	-250	
RNAV1	TF	NAT	32° 20' 02.0"N 034° 58' 08.0" E		009 (014.0)	7.8	R	@8 000	-250	
RNAV1	TF	PIDET	32° 31' 46.0"N 034° 47' 03.0" E		316 (321.4)	15.0	L	@8 000	-250	
RNAV1	TF	MERVA	32° 46' 54.0"N 034° 32' 38.0" E		316 (321.2)	19.4		+10 000		

PIDET 1F SID RWY 30

Navigation Specification	Path Descriptor (Recommended)	Waypoint Identifier	Latitude Longitude	Fly-Over	Course/Track M° (T°)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (Kts)	Remarks
RNAV1	CA				296 (301.4)			+600	-190	
RNAV1	DF	ZEMER	31° 56' 48.6"N 034° 57' 22.2" E				L	+5 000	-190	
RNAV1	TF	KANER	32° 12' 28.0"N 034° 55' 55.0" E		350 (355.5)	15.7	L	-8 000 +6 000	-250	
RNAV1	TF	NAT	32° 20' 02.0"N 034° 58' 08.0" E		009 (014.0)	7.8	R	@8 000	-250	
RNAV1	TF	PIDET	32° 31' 46.0"N 034° 47' 03.0" E		316 (321.4)	15.0	L	@8 000	-250	
RNAV1	TF	MERVA	32° 46' 54.0"N 034° 32' 38.0" E		316 (321.2)	19.4		+10 000		

RIPUD 1E SID RWY 26

Navigation Specification	Path Descriptor (Recommended)	Waypoint Identifier	Latitude Longitude	Fly-Over	Course/Track M° (T°)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (Kts)	Remarks
RNAV1	CA				255 (259.8)			+1 000	-190	
RNAV1	DF	ZEMER	31° 56' 48.6"N 034° 57' 22.2" E				L	+6 000	-190	
RNAV1	TF	RIPUD	31° 54' 59.5"N 035° 02' 05.0" E		109 (114.3)	4.4	R	+7 000	-250	
RNAV1	TF	TOMAL	31° 44' 29.0"N 035° 29' 06.0" E		109 (114.4)	25.3		+7 000	-250	

RIPUD 1F SID RWY 30

Navigation Specification	Path Descriptor (Recommended)	Waypoint Identifier	Latitude Longitude	Fly-Over	Course/Track M° (T°)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (Kts)	Remarks
RNAV1	CA				296 (301.4)			+600	-190	
RNAV1	DF	ZEMER	31° 56' 48.6"N 034° 57' 22.2" E				L	+6 000	-190	
RNAV1	TF	RIPUD	31° 54' 59.5"N 035° 02' 05.0" E		109 (114.3)	4.4	R	+7 000	-250	
RNAV1	TF	TOMAL	31° 44' 29.0"N 035° 29' 06.0" E		109 (114.4)	25.3		+7 000	-250	

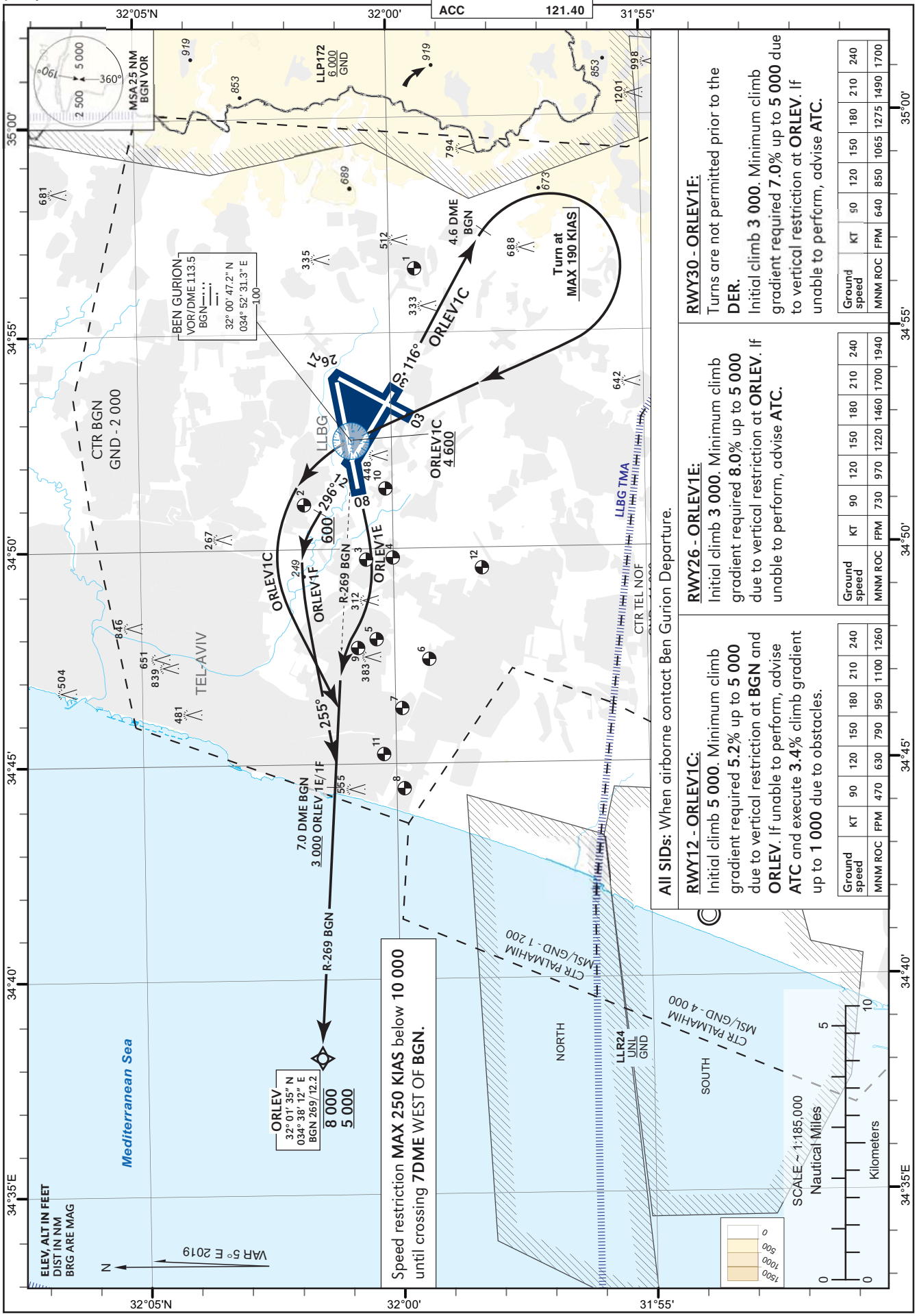
STANDARD INSTRUMENT DEPARTURE CHART (SID) - ICAO

TRANSITION ALT 18 000

ATIS departure	132.80
TWR	134.60
DEP	120.50
TMA	119.50
ACC	121.40

TEL-AVIV / BEN-GURION (LLBG)

RWYs 12, 26, 30
ORLEV1C, 1E,1F



All SIDs: When airborne contact Ben Gurion Departure.

RWY12 - ORLEV1C:
Initial climb **5 000**. Minimum climb gradient required **5.2%** up to **5 000** due to vertical restriction at **BGN** and **ORLEV**. If unable to perform, advise **ATC** and execute **3.4%** climb gradient up to **1 000** due to obstacles.

Ground speed	KT	90	120	150	180	210	240
MNM ROC	FPM	470	630	790	950	1100	1260

RWY26 - ORLEV1E:
Initial climb **3 000**. Minimum climb gradient required **8.0%** up to **5 000** due to vertical restriction at **ORLEV**. If unable to perform, advise **ATC**.

Ground speed	KT	90	120	150	180	210	240
MNM ROC	FPM	730	970	1220	1460	1700	1940

RWY30 - ORLEV1F:
Turns are not permitted prior to the **DER**.
Initial climb **3 000**. Minimum climb gradient required **7.0%** up to **5 000** due to vertical restriction at **ORLEV**. If unable to perform, advise **ATC**.

Ground speed	KT	90	120	150	180	210	240
MNM ROC	FPM	640	850	1065	1275	1490	1700

CHANGES: New note for all sid's added.

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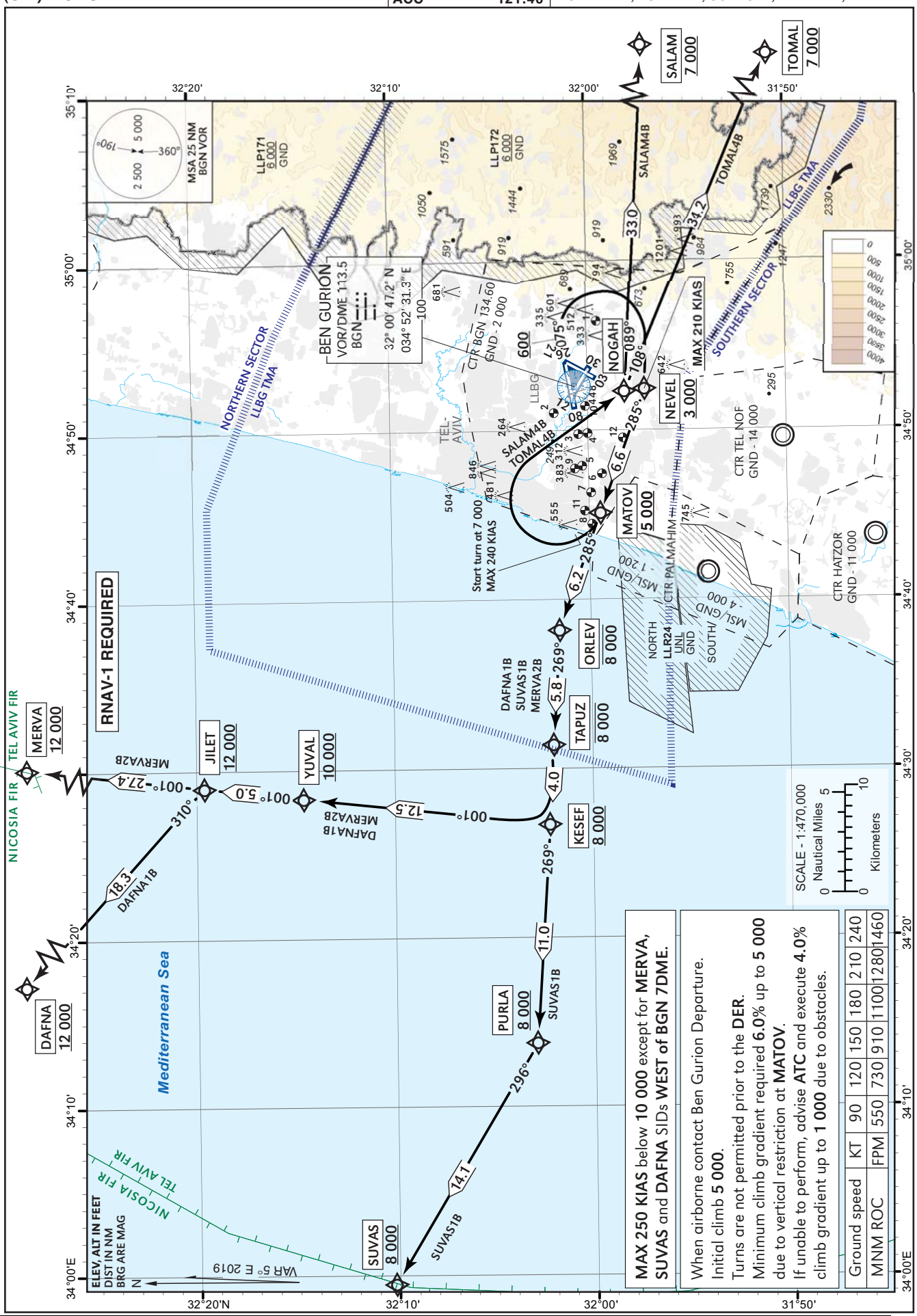
STANDARD INSTRUMENT DEPARTURE CHART (SID) - ICAO

TRANSITION ALTITUDE 18 000

ATIS departue	132.80
TWR	134.60
DEP	120.50
ACC	121.40

TEL-AVIV / BEN-GURION (LLBG)
RWY 08
SALAM4B, TOMAL4B, SUVAS1B, DAFNA1B, MERVA2B



CHANGES: Altitude at WPT JILET and WPT MERVA changed, SID GITLA1B removed, SID DAFNA1B added, MSA ALT.

SALAM4B RWY 08

Navigation Specification	Path Descriptor (Recommended)	Waypoint Identifier	Latitude Longitude	Fly-Over	Course/Track M° (T°)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (Kts)	Remarks
RNAV1	CA				075 (079.8)			+600	-210	
RNAV1	DF	NEVEL	31° 57' 08.1"N 034° 52' 25.5" E				R	+3 000	-210	
RNAV1	TF	MATOV	31° 59' 26.0"N 034° 45' 06.0" E		285 (290.2)	6.6		+5 000	-240	
RNAV1	CA				285 (290.1)			@7 000	-240	
RNAV1	DF	NOGAH	31° 58' 08.0"N 034° 52' 19.0" E				R	-8 000 +7 000	-240	
RNAV1	TF	SALAM	31° 56' 00.0"N 035° 31' 00.0" E		089 (093.5)	33.0		+7 000		

TOMAL 4B RWY 08

Navigation Specification	Path Descriptor (Recommended)	Waypoint Identifier	Latitude Longitude	Fly-Over	Course/Track M° (T°)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (Kts)	Remarks
RNAV1	CA				075 (079.8)			+600	-210	
RNAV1	DF	NEVEL	31° 57' 08.1"N 034° 52' 25.5" E				R	+3 000	-210	
RNAV1	TF	MATOV	31° 59' 26.0"N 034° 45' 06.0" E		285 (290.2)	6.6		+5 000	-240	
RNAV1	CA				285 (290.1)			@7 000	-240	
RNAV1	DF	NOGAH	31° 58' 08.0"N 034° 52' 19.0" E				R	-8 000 +7 000	-240	
RNAV1	TF	TOMAL	31° 44' 29.0"N 035° 29' 06.0" E		108 (113.3)	34.2		+7 000		

SUVAS1B RWY 08

Navigation Specification	Path Descriptor (Recommended)	Waypoint Identifier	Latitude Longitude	Fly-Over	Course/Track M° (T°)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (Kts)	Remarks
RNAV1	CA				075 (079.8)			+600	-210	
RNAV1	DF	NEVEL	31° 57' 08.1"N 034° 52' 25.5" E				R	+3 000	-210	
RNAV1	TF	MATOV	31° 59' 26.0"N 034° 45' 06.0" E		285 (290.2)	6.6		+5 000	-250	
RNAV1	TF	ORLEV	32° 01' 35.0"N 034° 38' 12.0" E		285 (290.1)	6.2		-8 000	-250	
RNAV1	TF	TAPUZ	32° 01' 57.0"N 034° 31' 24.0" E		269 (273.7)	5.8	L	-8 000		
RNAV1	TF	KESEF	32° 02' 11.9"N 034° 26' 41.7" E		269 (273.6)	4.0		+8 000		
RNAV1	TF	PURLA	32° 02' 56.0"N 034° 13' 47.0" E		269 (273.8)	11.0		+8 000		
RNAV1	TF	SUVAS	32° 10' 10.0"N 033° 59' 33.0" E		296 (300.9)	14.1	R	+8 000		

DAFNA1B RWY 08

Navigation Specification	Path Descriptor (Recommended)	Waypoint Identifier	Latitude Longitude	Fly-Over	Course/Track M° (T°)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (Kts)	Remarks
RNAV1	CA				075 (079.8)			+600	-210	
RNAV1	DF	NEVEL	31° 57' 08.1"N 034° 52' 25.5" E				R	+3 000	-210	
RNAV1	TF	MATOV	31° 59' 26.0"N 034° 45' 06.0" E		285 (290.2)	6.6		+5 000	-250	
RNAV1	TF	ORLEV	32° 01' 35.0"N 034° 38' 12.0" E		285 (290.1)	6.2		-8 000	-250	
RNAV1	TF	TAPUZ	32° 01' 57.0"N 034° 31' 24.0" E		269 (273.7)	5.8	L	-8 000		
RNAV1	TF	KESEF	32° 02' 11.9"N 034° 26' 41.7" E		269 (273.6)	4.0		+8 000		
RNAV1	TF	YUVAL	32° 14' 36.8"N 034° 28' 20.0" E		001 (006.4)	12.5	R	+10 000		
RNAV1	TF	JILET	32° 19' 35.5"N 034° 28' 59.6" E		001 (006.4)	5.0		+12 000		
RNAV1	TF	DAFNA	32° 32' 36"N 034° 13' 48" E		310 (315.3)	18.3	L	+12 000		

MERVA2B RWY 08

Navigation Specification	Path Descriptor (Recommended)	Waypoint Identifier	Latitude Longitude	Fly-Over	Course/Track M° (T°)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (Kts)	Remarks
RNAV1	CA				075 (079.8)			+600	-210	
RNAV1	DF	NEVEL	31° 57' 08.1"N 034° 52' 25.5" E				R	+3 000	-210	
RNAV1	TF	MATOV	31° 59' 26.0"N 034° 45' 06.0" E		285 (290.2)	6.6		+5 000	-250	
RNAV1	TF	ORLEV	32° 01' 35.0"N 034° 38' 12.0" E		285 (290.1)	6.2		-8 000	-250	
RNAV1	TF	TAPUZ	32° 01' 57.0"N 034° 31' 24.0" E		269 (273.7)	5.8	L	-8 000		
RNAV1	TF	KESEF	32° 02' 11.9"N 034° 26' 41.7" E		269 (273.6)	4.0		+8 000		
RNAV1	TF	YUVAL	32° 14' 36.8"N 034° 28' 20.0" E		001 (006.4)	12.5	R	+10 000		
RNAV1	TF	JILET	32° 19' 35.5"N 034° 28' 59.6" E		001 (006.4)	5.0		+12 000		
RNAV1	TF	MERVA	32° 46' 54.0"N 034° 32' 38.0" E		001 (006.4)	27.4		+12 000		

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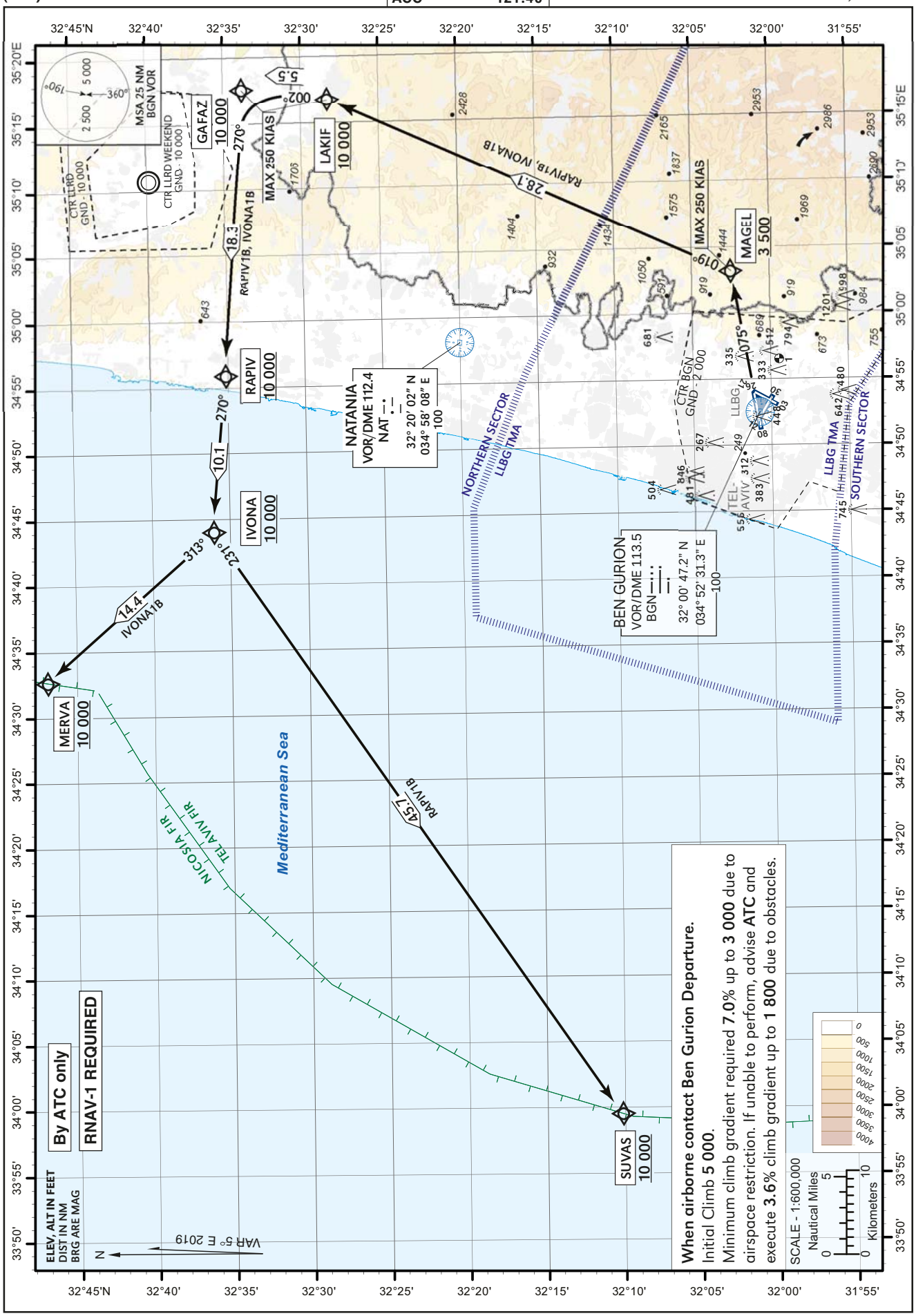
STANDARD INSTRUMENT DEPARTURE CHART (SID) - ICAO

TRANSITION ALTITUDE 18 000

ATIS departue	132.80
TWR	134.60
DEP	120.50
ACC	121.40

TEL-AVIV / BEN-GURION (LLBG)
RWY 08
IVONA1B, RAPIV1B



CHANGES: New Chart

RAPIV1B SID RWY 08

Navigation specification	Path Descriptor (Recommended)	Waypoint Identifier	Latitude Longitude	Flyover	Course/ Track M° (T°)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (Kts)	Remarks
RNAV1	CA				075 (079.8)			+600	-250	
RNAV1	CF	MAGEL	32° 02' 32" N 035° 03' 12" E		075 (079.8)			+3 500	-250	
RNAV1	CF	LAKIF	32°28' 17.2" N 035° 16' 45.2" E		019 (024.0)	28.1	L	+10 000	-250	
RNAV1	TF	GAFAZ	32° 33' 44" N 035° 17' 32" E		002 (006.9)	5.5	L	+10 000	-250	
RNAV1	TF	RAPIV	32° 35' 12" N 034° 55' 54" E		270 (274.7)	18.3	L	+10 000		
RNAV1	TF	IVONA	32° 36' 04.3" N 034° 44' 00.0" E		270 (275.0)	10.1		+10 000		
RNAV1	TF	SUVAS	32° 10' 10" N 033° 59' 33" E		231 (235.7)	45.7	L	+10 000		

IVONA1B SID RWY 08

Navigation specification	Path Descriptor (Recommended)	Waypoint Identifier	Latitude Longitude	Flyover	Course/ Track M° (T°)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (Kts)	Remarks
RNAV1	CA				075 (079.8)			+600	-250	
RNAV1	CF	MAGEL	32° 02' 32" N 035° 03' 12" E		075 (079.8)			+3 500	-250	
RNAV1	CF	LAKIF	32°28' 17.2" N 035° 16' 45.2" E		019 (024.0)	28.1	L	+10 000	-250	
RNAV1	TF	GAFAZ	32° 33' 44" N 035° 17' 32" E		002 (006.9)	5.5	L	+10 000	-250	
RNAV1	TF	RAPIV	32° 35' 12" N 034° 55' 54" E		270 (274.7)	18.3	L	+10 000		
RNAV1	TF	IVONA	32° 36' 04.3" N 034° 44' 00.0" E		270 (275.0)	10.1		+10 000		
RNAV1	TF	MERVA	32° 46' 54" N 034° 32' 38" E		313 (318.5)	14.4	R	+10 000		

STANDARD DEPARTURE CHART - INSTRUMENT (SID) - ICAO

TRANSITION ALT 18 000

ATIS Departue	132.80
TWR	134.60
DEP	120.50
ACC	121.40

TEL-AVIV / BEN-GURION (LLBG)

RWY 12

SALAM5C, TOMAL5C, SUVAS2C, DAFNA2C, MERVA3C

CHANGES: Routing, chart designators.

SALAM5C RWY 12

Navigation Specification	Path Descriptor (Recommended)	Waypoint Identifier	Latitude Longitude	Fly-Over	Course/Track M° (T°)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (Kts)	Remarks
RNAV1	CF	BG002	31° 58' 55.56"N 034° 55' 42.64" E	Y	116 (121.4)	2.0		+1 000	-190	
RNAV1	CF	MATOV	31° 59' 26.0"N 034° 45' 06.0" E		285 (290.2)		R	+5 000	-190	
RNAV1	CA				285 (290.1)			@7 000	-240	
RNAV1	DF	NOGAH	31° 58' 08.0"N 034° 52' 19.0" E				R	-8 000 +7 000	-240	
RNAV1	TF	SALAM	31° 56' 00.0"N 035° 31' 00.0" E		089 (093.5)	33.0		+7 000		

TOMAL5C RWY 12

Navigation Specification	Path Descriptor (Recommended)	Waypoint Identifier	Latitude Longitude	Fly-Over	Course/Track M° (T°)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (Kts)	Remarks
RNAV1	CF	BG002	31° 58' 55.56"N 034° 55' 42.64" E	Y	116 (121.4)	2.0		+1 000	-190	
RNAV1	CF	MATOV	31° 59' 26.0"N 034° 45' 06.0" E		285 (290.2)		R	+5 000	-190	
RNAV1	CA				285 (290.1)			@7 000	-240	
RNAV1	DF	NOGAH	31° 58' 08.0"N 034° 52' 19.0" E				R	-8 000 +7 000	-240	
RNAV1	TF	TOMAL	31° 44' 29.0"N 035° 29' 06.0" E		108 (113.3)	34.2		+7 000		

SUVAS2C RWY 12

Navigation Specification	Path Descriptor (Recommended)	Waypoint Identifier	Latitude Longitude	Fly-Over	Course/Track M° (T°)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (Kts)	Remarks
RNAV1	CF	BG002	31° 58' 55.56"N 034° 55' 42.64" E	Y	116 (121.4)	2.0		+1 000	-190	
RNAV1	CF	MATOV	31° 59' 26.0"N 034° 45' 06.0" E		285 (290.2)		R	+5 000	-190	
RNAV1	TF	ORLEV	32° 01' 35.0"N 034° 38' 12.0" E		285 (290.1)	6.2		-8 000	-250	
RNAV1	TF	TAPUZ	32° 01' 57.0"N 034° 31' 24.0" E		269 (273.7)	5.8	L	-8 000		
RNAV1	TF	KESEF	32° 02' 11.9"N 034° 26' 41.7" E		269 (273.6)	4.0		+8 000		
RNAV1	TF	PURLA	32° 02' 56.0"N 034° 13' 47.0" E		269 (273.9)	11.0		+8 000		
RNAV1	TF	SUVAS	32° 10' 10.0"N 033° 59' 33.0" E		296 (300.9)	14.1	R	+8 000		

DAFNA2C RWY 12

Navigation Specification	Path Descriptor (Recommended)	Waypoint Identifier	Latitude Longitude	Fly-Over	Course/Track M° (T°)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (Kts)	Remarks
RNAV1	CF	BG002	31° 58' 55.56"N 034° 55' 42.64" E	Y	116 (121.4)	2.0		+1 000	-190	
RNAV1	CF	MATOV	31° 59' 26.0"N 034° 45' 06.0" E		285 (290.2)		R	+5 000	-190	
RNAV1	TF	ORLEV	32° 01' 35.0"N 034° 38' 12.0" E		285 (290.1)	6.2		-8 000	-250	
RNAV1	TF	TAPUZ	32° 01' 57.0"N 034° 31' 24.0" E		269 (273.7)	5.8	L	-8 000		
RNAV1	TF	KESEF	32° 02' 11.9"N 034° 26' 41.7" E		269 (273.6)	4.0		+8 000		
RNAV1	TF	YUVAL	32° 14' 36.8"N 034° 28' 20.0" E		001 (006.4)	12.5	R	+10 000		
RNAV1	TF	JILET	32° 19' 35.5"N 034° 28' 59.6" E		001 (006.4)	5.0		+12 000		
RNAV1	TF	DAFNA	32° 32' 36"N 034° 13' 48" E		310 (315.3)	18.3	L	+12 000		

MERVA3C RWY 12

Navigation Specification	Path Descriptor (Recommended)	Waypoint Identifier	Latitude Longitude	Fly-Over	Course/Track M° (T°)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (Kts)	Remarks
RNAV1	CF	BG002	31° 58' 55.56"N 034° 55' 42.64" E	Y	116 (121.4)	2.0		+1 000	-190	
RNAV1	CF	MATOV	31° 59' 26.0"N 034° 45' 06.0" E		285 (290.2)		R	+5 000	-190	
RNAV1	TF	ORLEV	32° 01' 35.0"N 034° 38' 12.0" E		285 (290.1)	6.2		-8 000	-250	
RNAV1	TF	TAPUZ	32° 01' 57.0"N 034° 31' 24.0" E		269 (273.7)	5.8	L	-8 000		
RNAV1	TF	KESEF	32° 02' 11.9"N 034° 26' 41.7" E		269 (273.6)	4.0		+8 000		
RNAV1	TF	YUVAL	32° 14' 36.8"N 034° 28' 20.0" E		001 (006.4)	12.5	R	+10 000		
RNAV1	TF	JILET	32° 19' 35.5"N 034° 28' 59.6" E		001 (006.4)	5.0		+12 000		
RNAV1	TF	MERVA	32° 46' 54.0"N 034° 32' 38.0" E		001 (006.4)	27.4		+12 000		

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STANDARD DEPARTURE CHART - INSTRUMENT (SID) - ICAO

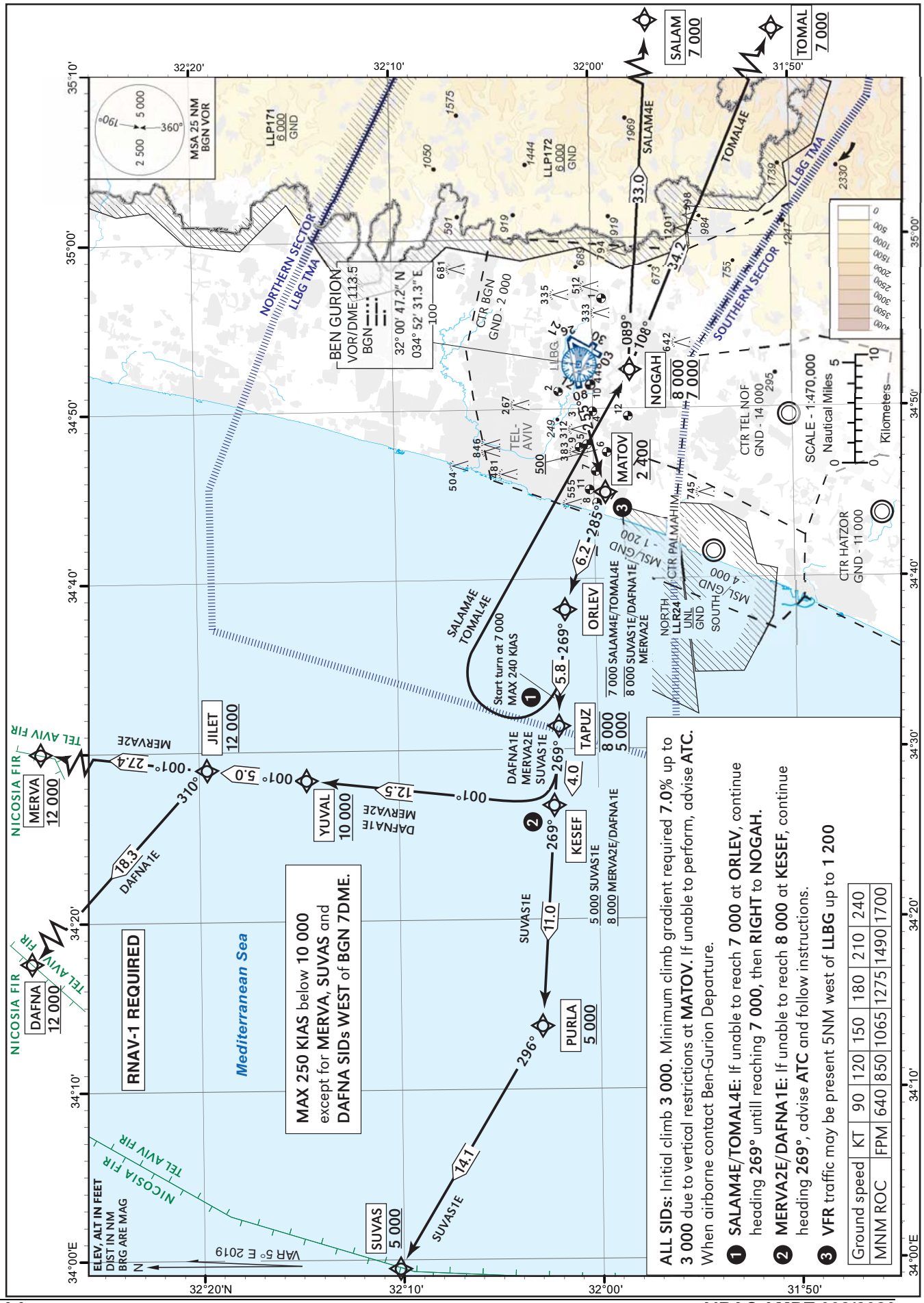
TRANSITION ALT 18 000

ATIS departue	132.80
TWR	134.60
DEP	120.50
ACC	121.40

TEL-AVIV / BEN-GURION (LLBG)

RWY 26

SALAM4E, TOMAL4E, SUVAS1E, DAFNA1E, MERVA2E



ALL SIDs: Initial climb **3 000**. Minimum climb gradient required **7.0%** up to **3 000** due to vertical restrictions at **MATOV**. If unable to perform, advise **ATC**. When airborne contact Ben-Gurion Departure.

1. **SALAM4E/TOMAL4E:** If unable to reach **7 000** at **ORLEV**, continue heading **269°** untill reaching **7 000**, then **RIGHT** to **NOGAH**.
2. **MERVA2E/DAFNA1E:** If unable to reach **8 000** at **KESEF**, continue heading **269°**, advise **ATC** and follow instructions.
3. **VFR** traffic may be present 5NM west of **LLBG** up to **1 200**

Ground speed	KT	90	120	150	180	210	240
MNM ROC	FPM	640	850	1065	1275	1490	1700

CHANGES: Altitude at WPT JILET and WPT MERVA changed, SID GITLA1E removed, SID DAFNA1E added.

SALAM4E RWY 26

Navigation Specification	Path Descriptor (Recommended)	Waypoint Identifier	Latitude Longitude	Fly-Over	Course/Track M° (T°)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (Kts)	Remarks
RNAV1	CA				255 (259.8)			+500	-240	
RNAV1	DF	MATOV	31° 59' 26.0"N 034° 45' 06.0" E					+2 400	-240	
RNAV1	TF	ORLEV	32° 01' 35.0"N 034° 38' 12.0" E		285 (290.1)	6.2	R	-7 000	-240	
RNAV1	CA				269 (273.7)			@7 000	-240	
RNAV1	DF	NOGAH	31° 58' 08.0"N 034° 52' 19.0" E				R	-8 000 +7 000	-240	
RNAV1	TF	SALAM	31° 56' 00.0"N 035° 31' 00.0" E		089 (093.5)	33.0		+7 000		

TOMAL4E RWY 26

Navigation Specification	Path Descriptor (Recommended)	Waypoint Identifier	Latitude Longitude	Fly-Over	Course/Track M° (T°)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (Kts)	Remarks
RNAV1	CA				255 (259.8)			+500	-240	
RNAV1	DF	MATOV	31° 59' 26.0"N 034° 45' 06.0" E					+2 400	-240	
RNAV1	TF	ORLEV	32° 01' 35.0"N 034° 38' 12.0" E		285 (290.1)	6.2	R	-7 000	-240	
RNAV1	CA				269 (273.7)			@7 000	-240	
RNAV1	DF	NOGAH	31° 58' 08.0"N 034° 52' 19.0" E				R	-8 000 +7 000	-240	
RNAV1	TF	TOMAL	31° 44' 29.0"N 035° 29' 06.0" E		108 (113.3)	34.2		+7 000		

SUVAS1E RWY 26

Navigation Specification	Path Descriptor (Recommended)	Waypoint Identifier	Latitude Longitude	Fly-Over	Course/Track M° (T°)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (Kts)	Remarks
RNAV1	CA				255 (259.8)			+500	-250	
RNAV1	DF	MATOV	31° 59' 26.0"N 034° 45' 06.0" E					+2 400	-250	
RNAV1	TF	ORLEV	32° 01' 35.0"N 034° 38' 12.0" E		285 (290.1)	6.2	R	-8 000	-250	
RNAV1	TF	TAPUZ	32° 01' 57.0"N 034° 31' 24.0" E		269 (273.7)	5.8	L	-8 000 +5 000		
RNAV1	TF	KESEF	32° 02' 11.9"N 034° 26' 41.7" E		269 (273.6)	4.0		+5 000		
RNAV1	TF	PURLA	32° 02' 56.0"N 034° 13' 47.0" E		269 (273.8)	11.0		+5 000		
RNAV1	TF	SUVAS	32° 10' 10.0"N 033° 59' 33.0" E		296 (300.9)	14.1	R	+5 000		

DAFNA1E SID RWY 26

Navigation Specification	Path Descriptor (Recommended)	Waypoint Identifier	Latitude Longitude	Fly-Over	Course/Track M° (T°)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (Kts)	Remarks
RNAV1	CA				255 (259.8)			+500	-250	
RNAV1	DF	MATOV	31° 59' 26.0"N 034° 45' 06.0" E					+2 400	-250	
RNAV1	TF	ORLEV	32° 01' 35.0"N 034° 38' 12.0" E		285 (290.1)	6.2	R	-8 000	-250	
RNAV1	TF	TAPUZ	32° 01' 57.0"N 034° 31' 24.0" E		269 (273.7)	5.8	L	-8 000 +5 000		
RNAV1	TF	KESEF	32° 02' 11.9"N 034° 26' 41.7" E		269 (273.6)	4.0		+8 000		
RNAV1	TF	YUVAL	32° 14' 36.8"N 034° 28' 20.0" E		001 (006.4)	12.5	R	+10 000		
RNAV1	TF	JILET	32° 19' 35.5"N 034° 28' 59.6" E		001 (006.4)	5.0		+12 000		
RNAV1	TF	DAFNA	32° 32' 36"N 034° 13' 48" E		310 (315.3)	18.3	L	+12 000		

MERVA2E RWY 26

Navigation Specification	Path Descriptor (Recommended)	Waypoint Identifier	Latitude Longitude	Fly-Over	Course/Track M° (T°)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (Kts)	Remarks
RNAV1	CA				255 (259.8)			+500	-250	
RNAV1	DF	MATOV	31° 59' 26.0"N 034° 45' 06.0" E					+2 400	-250	
RNAV1	TF	ORLEV	32° 01' 35.0"N 034° 38' 12.0" E		285 (290.1)	6.2	R	-8 000	-250	
RNAV1	TF	TAPUZ	32° 01' 57.0"N 034° 31' 24.0" E		269 (273.7)	5.8	L	-8 000 +5 000		
RNAV1	TF	KESEF	32° 02' 11.9"N 034° 26' 41.7" E		269 (273.6)	4.0		+8 000		
RNAV1	TF	YUVAL	32° 14' 36.8"N 034° 28' 20.0" E		001 (006.4)	12.5	R	+10 000		
RNAV1	TF	JILET	32° 19' 35.5"N 034° 28' 59.6" E		001 (006.4)	5.0		+12 000		
RNAV1	TF	MERVA	32° 46' 54.0"N 034° 32' 38.0" E		001 (006.4)	27.4		+12 000		

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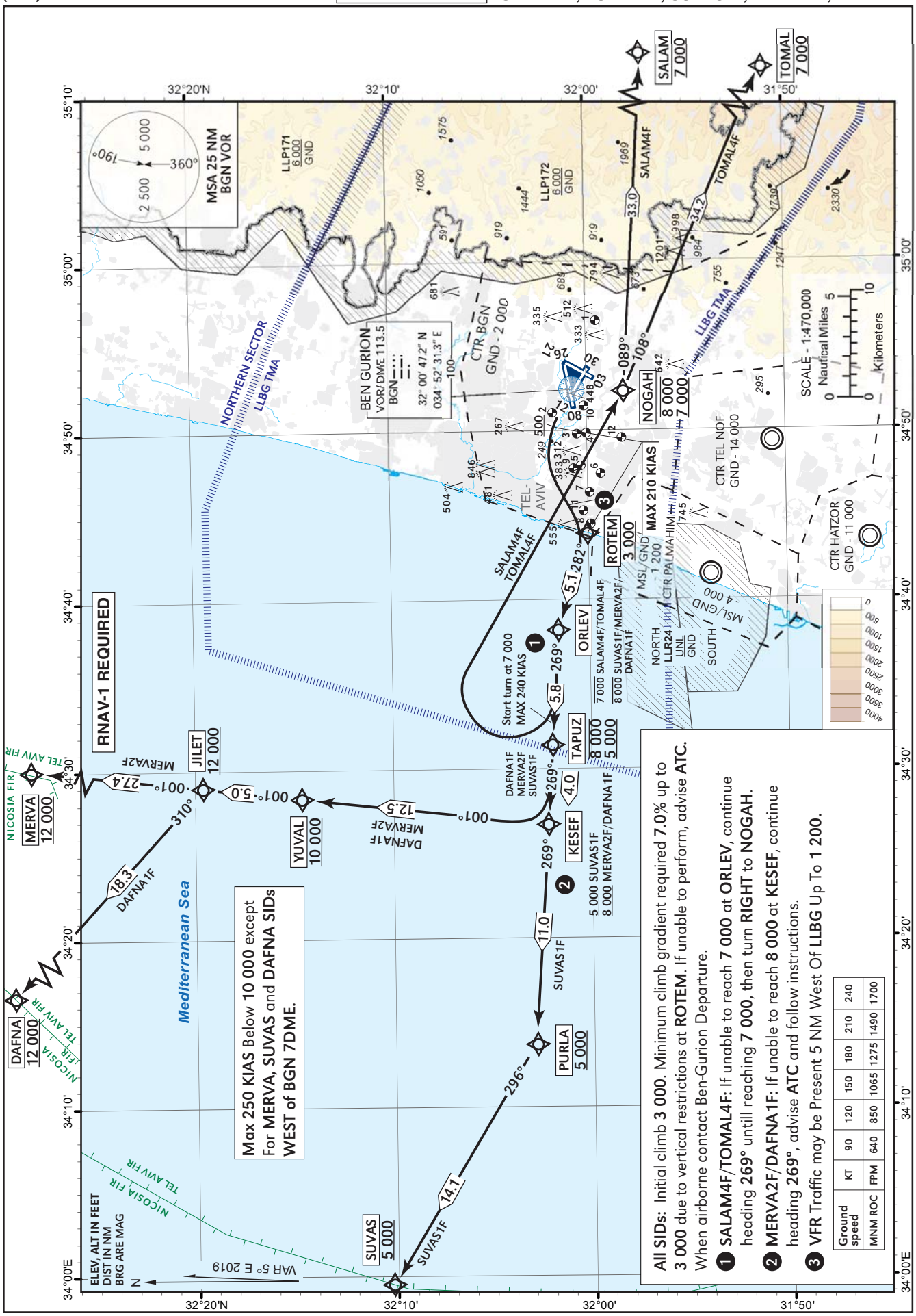
STANDARD DEPARTURE CHART - INSTRUMENT (SID) - ICAO

TRANSITION ALT 18 000

ATIS departue	132.80
TWR	134.60
DEP	120.50
ACC	121.40

TEL-AVIV / BEN-GURION (LLBG)
RWY 30
SALAM4F, TOMAL4F, SUVAS1F, DAFNA1F, MERVA2F



CHANGES: Altitude at WPT JILET and WPT MERVA changed, SID GITLA1F removed, SID DAFNA1F added.

SALAM4F RWY 30

Navigation Specification	Path Descriptor (Recommended)	Waypoint Identifier	Latitude Longitude	Fly-Over	Course/Track M° (T°)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (Kts)	Remarks
RNAV1	CA				296 (301.4)			+500	-210	
RNAV1	DF	ROTEM	32° 00' 03.0"N 034° 43' 55.0" E				L	+3 000	-210	
RNAV1	TF	ORLEV	32° 01' 35.0"N 034° 38' 12.0" E		282 (287.5)	5.1	R	-7 000	-240	
RNAV1	CA				269 (273.7)			@7 000	-240	
RNAV1	DF	NOGAH	31° 58' 08.0"N 034° 52' 19.0" E				R	-8 000 +7 000	-240	
RNAV1	TF	SALAM	31° 56' 00.0"N 035° 31' 00.0" E		089 (093.5)	33.0		+7 000		

TOMAL4F RWY 30

Navigation Specification	Path Descriptor (Recommended)	Waypoint Identifier	Latitude Longitude	Fly-Over	Course/Track M° (T°)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (Kts)	Remarks
RNAV1	CA				296 (301.4)			+500	-210	
RNAV1	DF	ROTEM	32° 00' 03.0"N 034° 43' 55.0" E				L	+3 000	-210	
RNAV1	TF	ORLEV	32° 01' 35.0"N 034° 38' 12.0" E		282 (287.5)	5.1	R	-7 000	-240	
RNAV1	CA				269 (273.7)			@7 000	-240	
RNAV1	DF	NOGAH	31° 58' 08.0"N 034° 52' 19.0" E				R	-8 000 +7 000	-240	
RNAV1	TF	TOMAL	31° 44' 29.0"N 035° 29' 06.0" E		108 (113.3)	34.2		+7 000		

SUVAS1F RWY 30

Navigation Specification	Path Descriptor (Recommended)	Waypoint Identifier	Latitude Longitude	Fly-Over	Course/Track M° (T°)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (Kts)	Remarks
RNAV1	CA				296 (301.4)			+500	-210	
RNAV1	DF	ROTEM	32° 00' 03.0"N 034° 43' 55.0" E				L	+3 000	-210	
RNAV1	TF	ORLEV	32° 01' 35.0"N 034° 38' 12.0" E		282 (287.5)	5.1	R	-8 000	-250	
RNAV1	TF	TAPUZ	32° 01' 57.0"N 034° 31' 24.0" E		269 (274.7)	5.8	L	-8 000 +5 000		
RNAV1	TF	KESEF	32° 02' 11.9"N 034° 26' 41.7" E		269 (273.6)	4.0		+5 000		
RNAV1	TF	PURLA	32° 02' 56.0"N 034° 13' 47.0" E		269 (273.9)	11.0		+5 000		
RNAV1	TF	SUVAS	32° 10' 10.0"N 033° 59' 33.0" E		296 (300.9)	14.1	R	+5 000		

DAFNA1F RWY 30

Navigation Specification	Path Descriptor (Recommended)	Waypoint Identifier	Latitude Longitude	Fly-Over	Course/Track M° (T°)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (Kts)	Remarks
RNAV1	CA				296 (301.4)			+500	-210	
RNAV1	DF	ROTEM	32° 00' 03.0"N 034° 43' 55.0" E				L	+3 000	-210	
RNAV1	TF	ORLEV	32° 01' 35.0"N 034° 38' 12.0" E		282 (287.5)	5.1	R	-8 000	-250	
RNAV1	TF	TAPUZ	32° 01' 57.0"N 034° 31' 24.0" E		269 (274.7)	5.8	L	-8 000 +5 000		
RNAV1	TF	KESEF	32° 02' 11.9"N 034° 26' 41.7" E		269 (273.7)	4.0		+8 000		
RNAV1	TF	YUVAL	32° 14' 36.8"N 034° 28' 20.0" E		001 (006.4)	12.5	R	+10 000		
RNAV1	TF	JILET	32° 19' 35.5"N 034° 28' 59.6" E		001 (006.4)	5.0		+12 000		
RNAV1	TF	DAFNA	32° 32' 36"N 034° 13' 48" E		310 (315.3)	18.3	L	+12 000		

MERVA2F RWY 30

Navigation Specification	Path Descriptor (Recommended)	Waypoint Identifier	Latitude Longitude	Fly-Over	Course/Track M° (T°)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (Kts)	Remarks
RNAV1	CA				296 (301.4)			+500	-210	
RNAV1	DF	ROTEM	32° 00' 03.0"N 034° 43' 55.0" E				L	+3 000	-210	
RNAV1	TF	ORLEV	32° 01' 35.0"N 034° 38' 12.0" E		282 (287.5)	5.1	R	-8 000	-250	
RNAV1	TF	TAPUZ	32° 01' 57.0"N 034° 31' 24.0" E		269 (273.7)	5.8	L	-8 000 +5 000		
RNAV1	TF	KESEF	32° 02' 11.9"N 034° 26' 41.7" E		269 (273.7)	4.0		+8 000		
RNAV1	TF	YUVAL	32° 14' 36.8"N 034° 28' 20.0" E		001 (006.4)	12.5	R	+10 000		
RNAV1	TF	JILET	32° 19' 35.5"N 034° 28' 59.6" E		001 (006.4)	5.0		+12 000		
RNAV1	TF	MERVA	32° 46' 54.0"N 034° 32' 38.0" E		001 (006.4)	27.4		+12 000		

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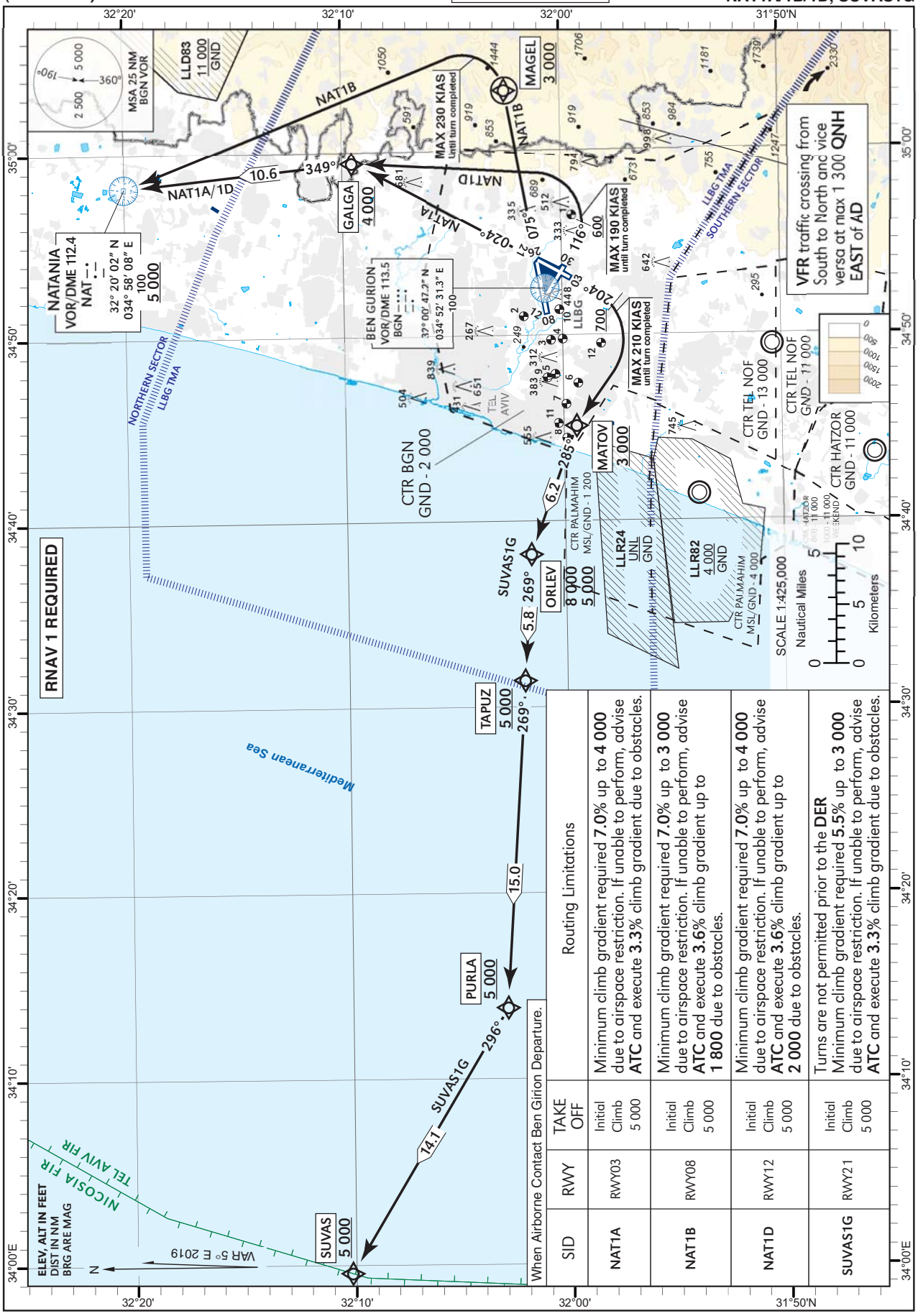
STANDARD INSTRUMENT DEPARTURE CHART (RNAV SID) - ICAO

TRANSITION ALT 18 000

AD ELEV **134 ft**

ATIS DEP.	132.80
TWR	134.60
DEP	120.50
ACC	121.40

TEL-AVIV / BEN-GURION (LLBG)
RWYs 03, 08, 12, 21
NAT1A/1B/1D, SUVAS1G



When Airborne Contact Ben Girion Departure.

SID	RWY	TAKE OFF	Routing Limitations
NAT1A	RWY03	Initial Climb 5 000	Minimum climb gradient required **7.0%** up to **4 000** due to airspace restriction. If unable to perform, advise **ATC** and execute **3.3%** climb gradient due to obstacles.
NAT1B	RWY08	Initial Climb 5 000	Minimum climb gradient required **7.0%** up to **3 000** due to airspace restriction. If unable to perform, advise **ATC** and execute **3.6%** climb gradient up to **1 800** due to obstacles.
NAT1D	RWY12	Initial Climb 5 000	Minimum climb gradient required **7.0%** up to **4 000** due to airspace restriction. If unable to perform, advise **ATC** and execute **3.6%** climb gradient up to **2 000** due to obstacles.
SUVAS1G	RWY21	Initial Climb 5 000	Turns are not permitted prior to the **DER** Minimum climb gradient required **5.5%** up to **3 000** due to airspace restriction. If unable to perform, advise **ATC** and execute **3.3%** climb gradient due to obstacles.

CHANGES: Speed limitation at WPT GALGA added at codded view.

SUVAS1G SID RWY 21

Navigation specification	Path Descriptor (Recommended)	Waypoint Identifier	Latitude Longitude	Flyover	Course/ Track M° (T°)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (Kts)	Remarks
RNAV1	CA				204 (208.8)			+700	–210	
RNAV1	DF	MATOV	31° 59' 26.0" N 034° 45' 06.0" E				R	+3 000	–210	
RNAV1	TF	ORLEV	32° 01' 35.0" N 034° 38' 12.0" E		285 (290.1)	6.2	L	–8 000 +5 000		
RNAV1	TF	TAPUZ	32° 01' 57.0" N 034° 31' 24.0" E		269 (273.7)	5.8		+5 000		
RNAV1	TF	PURLA	32° 02' 56.0" N 034° 13' 47.0" E		269 (273.9)	15.0		+5 000		
RNAV1	TF	SUVAS	32° 10' 10.0" N 033° 59' 33.0" E		296 (300.9)	14.1	R	+5 000		

NAT1D SID RWY 12

Navigation specification	Path Descriptor (Recommended)	Waypoint Identifier	Latitude Longitude	Flyover	Course/ Track M° (T°)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (Kts)	Remarks
RNAV1	CA				116 (121.4)			+600	–190	
RNAV1	DF	GALGA	32° 09' 25.1" N 034° 59' 24.1" E				L	+4 000	–190	
RNAV1	TF	NAT	32° 20' 02.0" N 034° 58' 08.0" E		349 (354.2)	10.6		+5 000		

NAT1B SID RWY 08

Navigation specification	Path Descriptor (Recommended)	Waypoint Identifier	Latitude Longitude	Flyover	Course/ Track M° (T°)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (Kts)	Remarks
RNAV1	CF	MAGEL	32° 02' 32.0" N 035° 03' 12.0" E	Y	075 (079.8)			+3 000	–230	
RNAV1	DF	NAT	32° 20' 02.0" N 034° 58' 08.0" E				L	+5 000	–230	

NAT1A SID RWY 03

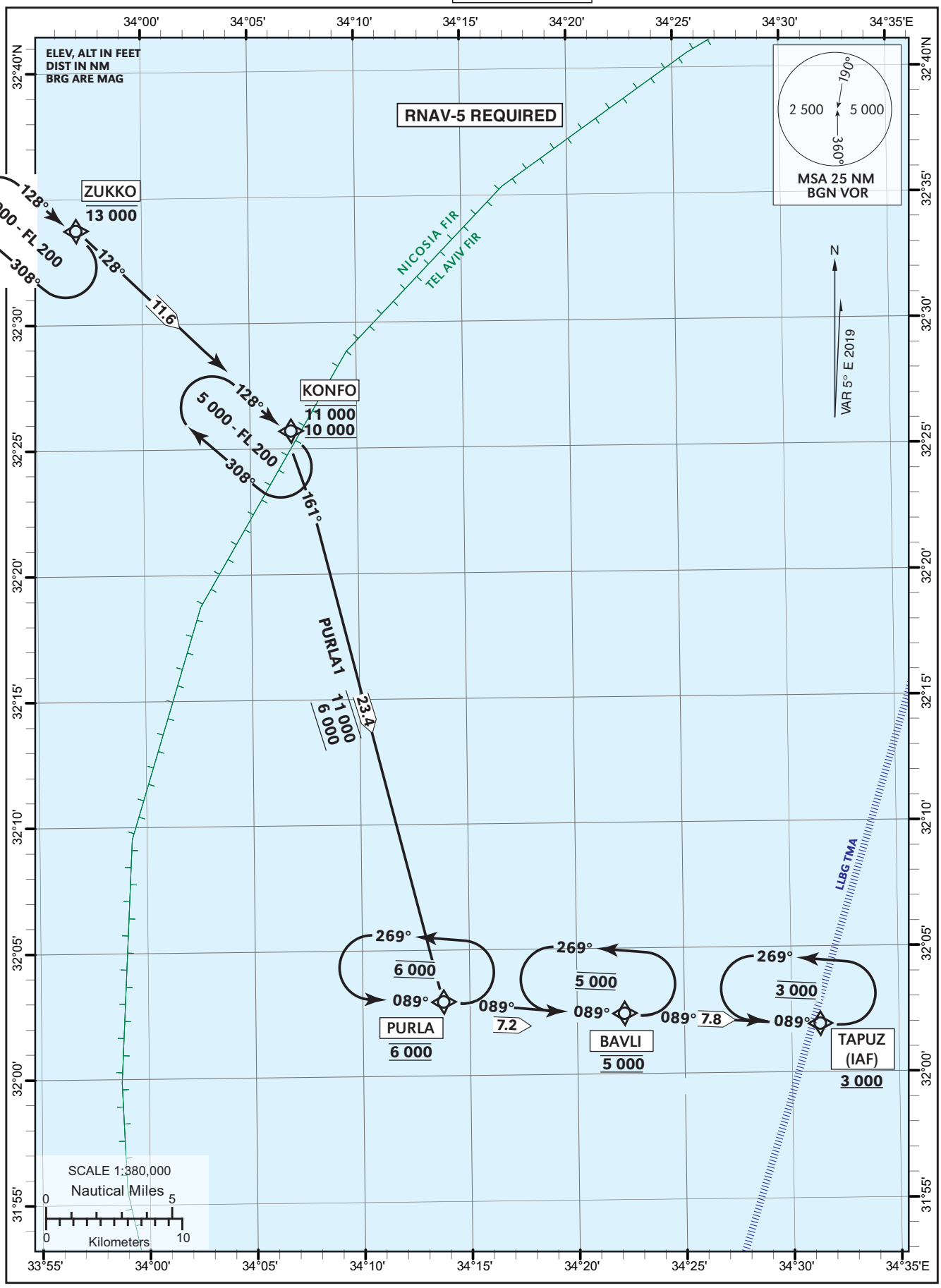
Navigation specification	Path Descriptor (Recommended)	Waypoint Identifier	Latitude Longitude	Flyover	Course/ Track M° (T°)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (Kts)	Remarks
RNAV1	CF	GALGA	32° 09' 25.1" N 034° 59' 24.1" E		024 (028.8)			+4 000		
RNAV1	TF	NAT	32° 20' 02.0" N 034° 58' 08.0" E		349 (354.2)	10.6	L	+5 000		

STANDARD ARRIVAL CHART- INSTRUMENT (RNAV STAR) - ICAO

TRANSITION LVL 200

ATIS Arrival	132.50
ACC	121.40
APP	120.50
TWR	134.60

TEL-AVIV / BEN-GURION (LLBG)
RWY 08
PURLA1



CHANGES: Routing change, new WPT KONFO, ZUKKO added. WPT SOLIN removed, BRG and MSA change.

PURLA1 STAR RWY 08

Navigation Specification	Path Descriptor (Recommended)	Waypoint Identifier	Latitude Longitude	Fly-Over	Course/Track M° (T°)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (Kts)	Remarks
RNAV5	IF	ZUKKO	32° 33' 42"N 033° 56' 57" E					-13 000		
RNAV5	TF	KONFO	32° 25' 42"N 034° 06' 56" E		128 (133.4)	11.6		-11 000 +10 000		
RNAV5	TF	PURLA	32° 02' 56"N 034° 13' 47" E		161 (165.6)	23.4	R	@6 000		
RNAV5	TF	BAVLI	32° 02' 29"N 034° 22' 13" E		089 (094)	7.2	L	@5 000		
RNAV5	TF	TAPUZ	32° 01' 57.0"N 034° 31' 24.0" E		089 (094)	7.8		+3 000		IAF

Holding Identification

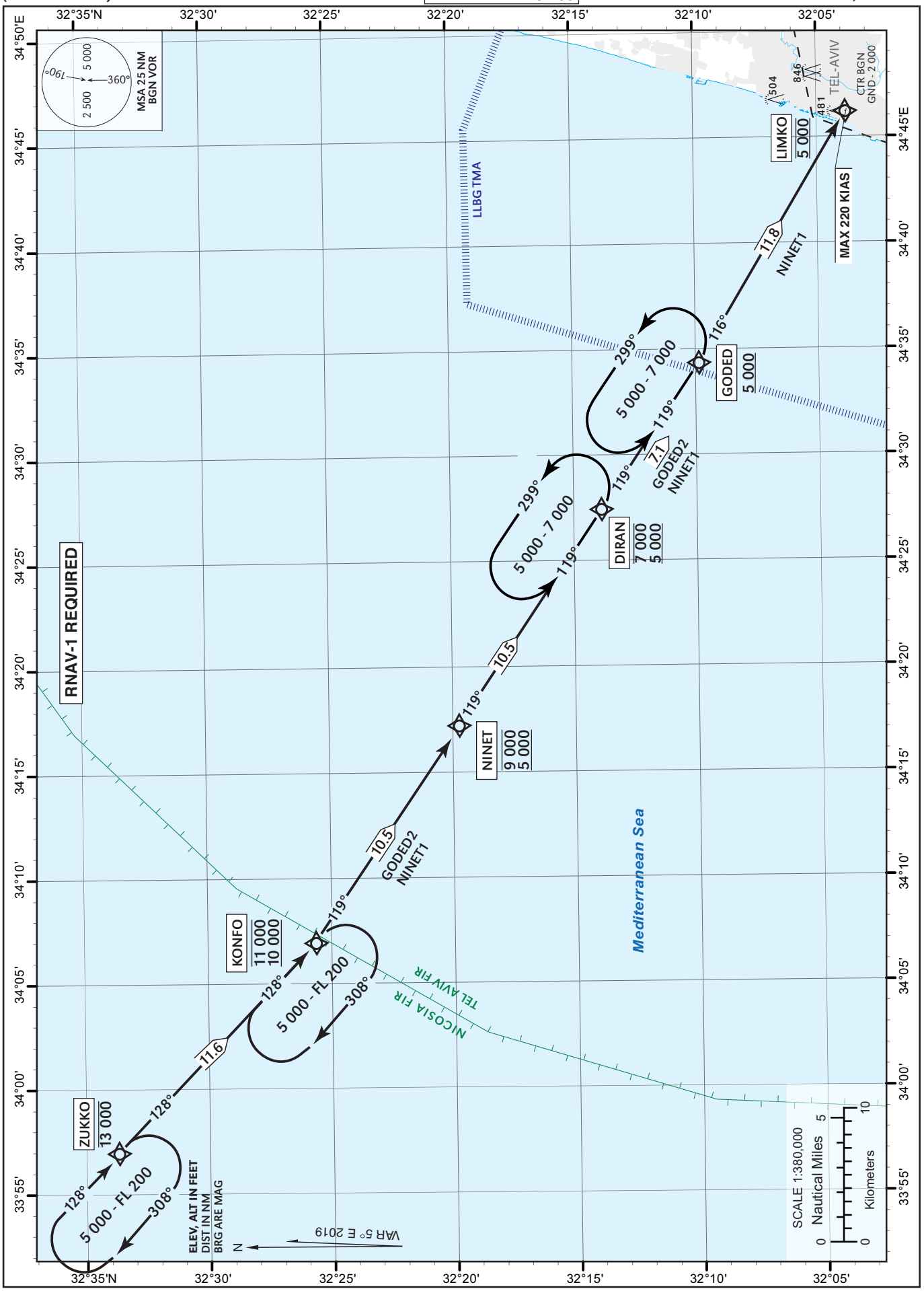
Holding Fix	Latitude Longitude	Inbound Course/Track M° (T°)	MAX IAS (Kts)	Altitude (ft)	Outbound Time / Distance	Turn Direction
ZUKKO	32° 33' 42"N 033° 56' 57" E	128 (133.4)		-FL 200 +5 000	1 Min	R
KONFO	32° 25' 42"N 034° 06' 56" E	128 (133.4)		-FL 200 +5 000	1 Min	R
PURLA	32° 02' 56"N 034° 13' 47" E	089 (093.5)		@6 000	1 Min	L
BAVLI	32° 02' 29"N 034° 22' 13" E	089 (093.5)		@5 000	1 Min	L
TAPUZ	32° 01' 57.0"N 034° 31' 24.0" E	089 (093.5)		@3 000	1 Min	L

STANDARD ARRIVAL CHART - INSTRUMENT (RNAV STAR) - ICAO

TRANSITION LVL 200

ATIS Arrival	132.50
ACC	121.40
APP	120.50
TWR	134.60

TEL-AVIV / BEN-GURION (LLBG)
RWYs 12, 30
GODED2, NINET1



CHANGES: Routing change, new WPT KONFO, ZUKKO, NINET added. WPT SOLIN removed, WPT RIMON change to WPT DIRAN.

GODED2 STAR RWY 12

Navigation Specification	Path Descriptor (Recommended)	Waypoint Identifier	Latitude Longitude	Fly-Over	Course/Track M° (T°)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (Kts)	Remarks
RNAV1	IF	ZUKKO	32° 33' 42"N 033° 56' 57" E					-13 000		
RNAV1	TF	KONFO	32° 25' 42"N 034° 06' 56" E		128 (133.4)	11.6		-11 000 +10 000		
RNAV1	TF	NINET	32° 19′ 49″N 034° 17′ 13″ E		119 (124.0)	10.5	L	-9 000 +5 000		
RNAV1	TF	DIRAN	32° 13′ 55″N 034° 27′ 27″ E		119 (124.0)	10.5		-7 000 +5 000		
RNAV1	TF	GODED	32° 09′ 54.0″N 034° 34′ 22.0″ E		119 (124.3)	7.1		+5 000		IAF

NINET1 STAR RWY 30

Navigation Specification	Path Descriptor (Recommended)	Waypoint Identifier	Latitude Longitude	Fly-Over	Course/Track M° (T°)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (Kts)	Remarks
RNAV1	IF	ZUKKO	32° 33' 42"N 033° 56' 57" E					-13 000		
RNAV1	TF	KONFO	32° 25' 42"N 034° 06' 56" E		128 (133.4)	11.6		-11 000 +10 000		
RNAV1	TF	NINET	32° 19′ 49″N 034° 17′ 13″ E		119 (124.0)	10.5	L	-9 000 +5 000		
RNAV1	TF	DIRAN	32° 13′ 55″N 034° 27′ 27″ E		119 (124.0)	10.5		-7 000 +5 000		
RNAV1	TF	GODED	32° 09′ 54″N 034° 34′ 22″ E		119 (124.3)	7.1		+5 000		
RNAV1	TF	LIMKO	32° 03′ 48.0″N 034° 46′ 18.0″ E		116 (121.0)	11.8		@5 000	-220	IAF

Holding Identification

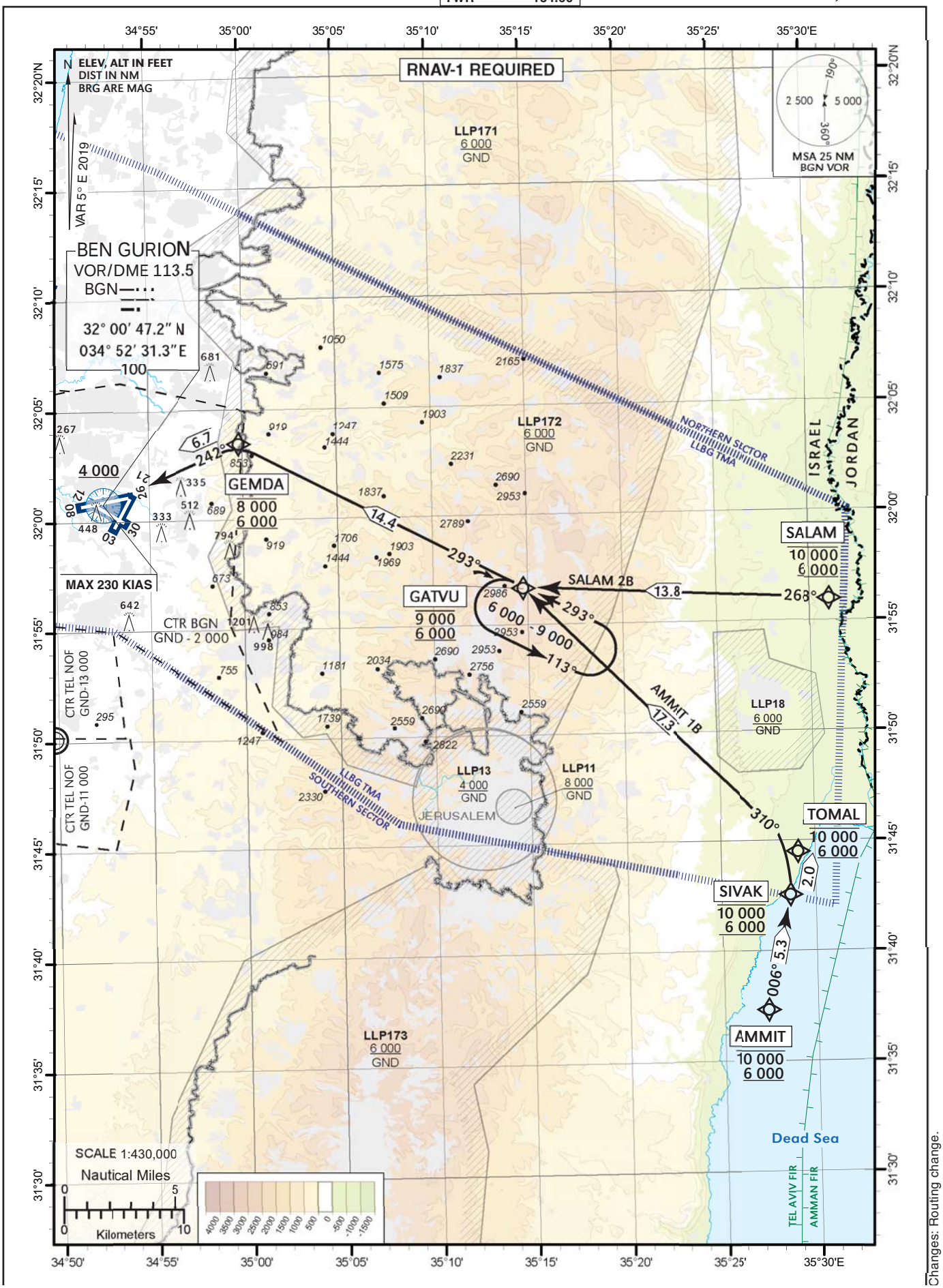
Holding Fix	Latitude Longitude	Inbound Course/Track M° (T°)	MAX IAS (Kts)	Altitude (ft)	Outbound Time / Distance	Turn Direction
ZUKKO	32° 33' 42"N 033° 56' 57" E	128 (133.4)		-FL 200 +5 000	1 Min	R
KONFO	32° 25' 42"N 034° 06' 56" E	128 (133.4)		-FL 200 +5 000	1 Min	R
DIRAN	32° 13′ 55″N 034° 27′ 27″ E	119 (124.3)	250	-7 000 +5 000	1 Min	L
GODED	32° 09′ 54″N 034° 34′ 22″ E	119 (124.3)	250	-7 000 +5 000	1 Min	L

STANDARD ARRIVAL CHART - INSTRUMENT (STAR) - ICAO

TRANSITION LVL 200

ATIS Arrival	132.50
ACC	120.90
TMA	119.50
ARR	120.50
TWR	134.60

TEL-AVIV / BEN-GURION (LLBG)
RWY 12
AMMIT1B, SALAM2B



Changes: Routing change.

AMMIT1B STAR RWY 12

Navigation Specification	Path Descriptor (Recommended)	Waypoint Identifier	Latitude Longitude	Fly-Over	Course/Track M° (T°)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (Kts)	Remarks
RNAV1	IF	AMMIT	31° 37' 20"N 035° 27' 23" E					-10 000 +6 000		
RNAV1	TF	SIVAK	31° 42' 32"N 035° 28' 37" E		006 (011.4)	5.3		-10 000 +6 000		
RNAV1	TF	TOMAL	31° 44' 29"N 035° 29' 06" E		007 (012.0)	2.0		-10 000 +6 000		
RNAV1	TF	GATVU	31° 56' 42"N 035° 14' 45" E		310 (315.0)	17.3	L	-9 000 +6 000		
RNAV1	TF	GEMDA	32° 03' 26"N 034° 59' 48" E		293 (297.9)	14.4		-8 000 +6 000		
RNAV1	TF	BGN	32° 00' 47"N 034° 52' 31" E		242 (246.9)	6.7	L	+4 000	-230	

SALAM2B STAR RWY 12

Navigation Specification	Path Descriptor (Recommended)	Waypoint Identifier	Latitude Longitude	Fly-Over	Course/Track M° (T°)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (Kts)	Remarks
RNAV1	IF	SALAM	31° 56' 00"N 035° 31' 00" E					-10 000 +6 000		
RNAV1	TF	GATVU	31° 56' 42"N 035° 14' 45" E		268 (272.9)	13.8		-9 000 +6 000		
RNAV1	TF	GEMDA	32° 03' 26"N 034° 59' 48" E		293 (297.9)	14.4	R	-8 000 +6 000		
RNAV1	TF	BGN	32° 00' 47"N 034° 52' 31" E		242 (246.9)	6.7	L	+4 000	-230	

Holding Identification

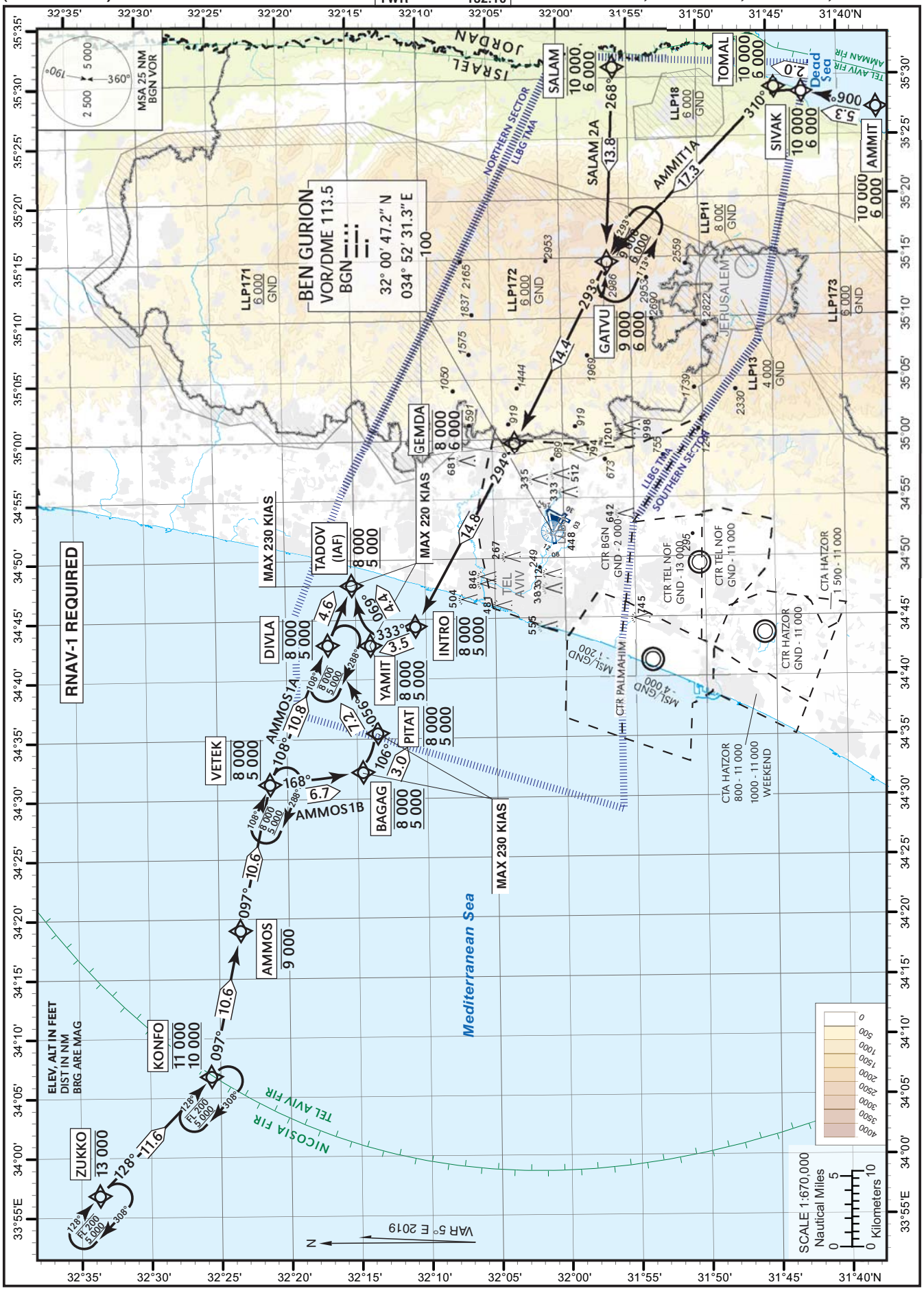
Holding Fix	Latitude Longitude	Inbound Course/Track M° (T°)	MAX IAS (Kts)	Altitude (ft)	Outbound Time / Distance	Turn Direction
GATVU	31° 56' 42"N 035° 14' 45" E	293 (298.3)	-250	-9 000 +6 000	1 Min	L

STANDARD ARRIVAL CHART - INSTRUMENT (RNAV STAR) - ICAO

TRANSITION LVL 200

ATIS Arrival	132.50
ACC	120.90
TMA	119.50
ARR	131.10
TWR	132.10

TEL-AVIV / BEN-GURION (LLBG)
RWY 21
AMMOS1A, AMMOS1B, AMMIT1A, SALAM2A



CHANGES: Routing change.

AMMOS1A STAR RWY 21

Navigation Specification	Path Descriptor (Recommended)	Waypoint Identifier	Latitude Longitude	Fly-Over	Course/Track M° (T°)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (Kts)	Remarks
RNAV1	IF	ZUKKO	32° 33' 42"N 033° 56' 57" E					-13 000		
RNAV1	TF	KONFO	32° 25' 42"N 034° 06' 56" E		128 (133.4)	11.6		-11 000 +10 000		
RNAV1	TF	AMMOS	32° 23' 30"N 034° 19' 11" E		097 (102.0)	10.6	L	-9 000		
RNAV1	TF	VETEK	32° 21' 17"N 034° 31' 24" E		097 (102.0)	10.6		-8 000 +5 000		
RNAV1	TF	DIVLA	32° 17' 03"N 034° 43' 04" E		108 (113.1)	10.8	R	-8 000 +5 000		
RNAV1	TF	TADOV	32° 15' 15.0"N 034° 48' 00.0" E		108 (113.2)	4.6		-8 000 +5 000	-230	IAF

AMMOS1B STAR RWY 21

Navigation Specification	Path Descriptor (Recommended)	Waypoint Identifier	Latitude Longitude	Fly-Over	Course/Track M° (T°)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (Kts)	Remarks
RNAV1	IF	ZUKKO	32° 33' 42"N 033° 56' 57" E					-13 000		
RNAV1	TF	KONFO	32° 25' 42"N 034° 06' 56" E		128 (133.4)	11.6		-11 000 +10 000		
RNAV1	TF	AMMOS	32° 23' 30"N 034° 19' 11" E		097 (102.0)	10.6	L	-9 000		
RNAV1	TF	VETEK	32° 21' 17"N 034° 31' 24" E		097 (102.0)	10.6		-8 000 +5 000		
RNAV1	TF	BAGAG	32° 14' 38"N 034° 32' 23" E		168 (172.8)	6.7	R	-8 000 +5 000	-230	
RNAV1	TF	PITAT	32° 13' 33"N 034° 35' 38" E		106 (111.4)	3.0	L	-8 000 +5 000	-230	
RNAV1	TF	DIVLA	32° 17' 03"N 034° 43' 04" E		056 (061.0)	7.2	L	-8 000 +5 000		
RNAV1	TF	TADOV	32° 15' 15.0"N 034° 48' 00.0" E		108 (113.2)	4.6	R	-8 000 +5 000	-230	IAF

AMMIT1A STAR RWY 21

Navigation Specification	Path Descriptor (Recommended)	Waypoint Identifier	Latitude Longitude	Fly-Over	Course/Track M° (T°)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (Kts)	Remarks
RNAV1	IF	AMMIT	31° 37' 20"N 035° 27' 23" E					-10 000 +6 000		
RNAV1	TF	SIVAK	31° 42' 32"N 035° 28' 37" E		006 (011.4)	5.3		-10 000 +6 000		
RNAV1	TF	TOMAL	31° 44' 29"N 035° 29' 06" E		007 (012.0)	2.0		-10 000 +6 000		
RNAV1	TF	GATVU	31° 56' 42"N 035° 14' 45" E		310 (315.0)	17.3	L	-9 000 +6 000		
RNAV1	TF	GEMDA	32° 03' 26"N 034° 59' 48" E		293 (297.9)	14.4		-8 000 +6 000		
RNAV1	TF	INTRO	32° 10' 43"N 034° 44' 33" E		294 (299.4)	14.8		-8 000 +5 000		
RNAV1	TF	YAMIT	32° 14' 00"N 034° 43' 00" E		333 (338.1)	3.5	R	-8 000 +5 000	-220	
RNAV1	TF	TADOV	32° 15' 15.0"N 034° 48' 00.0" E		069 (073.6)	4.4	R	-8 000 +5 000	-220	IAF

SALAM2A STAR RWY 21

Navigation Specification	Path Descriptor (Recommended)	Waypoint Identifier	Latitude Longitude	Fly-Over	Course/Track M° (T°)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (Kts)	Remarks
RNAV1	IF	SALAM	31° 56' 00"N 035° 31' 00" E					-10 000 +6 000		
RNAV1	TF	GATVU	31° 56' 42"N 035° 14' 45" E		268 (272.9)	13.8		-9 000 +6 000		
RNAV1	TF	GEMDA	32° 03' 26"N 034° 59' 48" E		293 (297.9)	14.4	R	-8 000 +6 000		
RNAV1	TF	INTRO	32° 10' 43"N 034° 44' 33" E		294 (299.4)	14.8		-8 000 +5 000		
RNAV1	TF	YAMIT	32° 14' 00"N 034° 43' 00" E		333 (338.1)	3.5	R	-8 000 +5 000	-220	
RNAV1	TF	TADOV	32° 15' 15.0"N 034° 48' 00.0" E		069 (073.6)	4.4	R	-8 000 +5 000	-220	IAF

Holding Identification

Holding Fix	Latitude Longitude	Inbound Course/Track M° (T°)	MAX IAS (Kts)	Altitude (ft)	Outbound Time / Distance	Turn Direction
ZUKKO	32° 33' 42"N 033° 56' 57" E	128 (133.4)		-FL 200 +5 000	1 Min	R
KONFO	32° 25' 42"N 034° 06' 56" E	128 (133.4)		-FL 200 +5 000	1 Min	R
VETEK	32° 21’ 17”N 034° 31’ 24” E	108 (113.0)		-8 000 +5 000	1 Min	R
DIVLA	32° 17’ 03”N 034° 43’ 04” E	108 (113.0)		-8 000 +5 000	1 Min	R
GATVU	31° 56' 42"N 035° 14' 45" E	293 (298.3)	-250	-9 000 +6 000	1 Min	L

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STANDARD ARRIVAL CHART - INSTRUMENT (RNAV STAR) - ICAO

TRANSITION LVL 200

ATIS Arrival	132.50
ACC	120.90
TMA	119.50
ARR	131.10
TWR	134.60

TEL-AVIV / BEN-GURION (LLBG)
RWY 26
AMMOS1C, AMMOS1D, AMMIT1C, SALAM2C

CHANGES: Routing change.

AMMOS1C STAR RWY 26

Navigation Specification	Path Descriptor (Recommended)	Waypoint Identifier	Latitude Longitude	Fly-Over	Course/Track M° (T°)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (Kts)	Remarks
RNAV1	IF	ZUKKO	32° 33' 42"N 033° 56' 57" E					-13 000		
RNAV1	TF	KONFO	32° 25' 42"N 034° 06' 56" E		128 (133.4)	11.6		-11 000 +10 000		
RNAV1	TF	AMMOS	32° 23′ 30″N 034° 19′ 11″ E		097 (102.0)	10.6	L	-9 000		
RNAV1	TF	VETEK	32° 21′ 17″N 034° 31′ 24″ E		097 (102.0)	10.6		-8 000 +5 000		
RNAV1	TF	DIVLA	32° 17′ 03″N 034° 43′ 04″ E		108 (113.1)	10.8	R	-8 000 +5 000		
RNAV1	TF	TADOV	32° 15′ 15″N 034° 48′ 00″ E		108 (113.2)	4.6		-8 000 +5 000	-230	
RNAV1	TF	HADAS	32° 12′ 13″N 034° 59′ 40″ E		102 (107.0)	10.3	L	+5 000	-230	
RNAV1	TF	RABIN	32° 07′ 32.2″N 035° 07′ 20.9″ E		121 (125.6)	8.0	R	+3 800	-210	IAF

AMMOS1D STAR RWY 26

Navigation Specification	Path Descriptor (Recommended)	Waypoint Identifier	Latitude Longitude	Fly-Over	Course/Track M° (T°)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (Kts)	Remarks
RNAV1	IF	ZUKKO	32° 33' 42"N 033° 56' 57" E					-13 000		
RNAV1	TF	KONFO	32° 25' 42"N 034° 06' 56" E		128 (133.4)	11.6		-11 000 +10 000		
RNAV1	TF	AMMOS	32° 23′ 30″N 034° 19′ 11″ E		097 (102.0)	10.6	L	-9 000		
RNAV1	TF	VETEK	32° 21′ 17″N 034° 31′ 24″ E		097 (102.0)	10.6		-8 000 +5 000		
RNAV1	TF	BAGAG	32° 14′ 38″N 034° 32′ 23″ E		168 (172.8)	6.7	R	-8 000 +5 000	-230	
RNAV1	TF	PITAT	32° 13′ 33″N 034° 35′ 38″ E		106 (111.4)	3.0	L	-8 000 +5 000	-230	
RNAV1	TF	DIVLA	32° 17′ 03″N 034° 43′ 04″ E		056 (061.0)	7.2	L	-8 000 +5 000		
RNAV1	TF	TADOV	32° 15′ 15″N 034° 48′ 00″ E		108 (113.2)	4.6	R	-8 000 +5 000	-230	
RNAV1	TF	HADAS	32° 12′ 13″N 034° 59′ 40″ E		102 (107.0)	10.3	L	+5 000	-230	
RNAV1	TF	RABIN	32° 07′ 32.2″N 035° 07′ 20.9″ E		121 (125.6)	8.0	R	+3 800	-210	IAF

AMMIT1C STAR RWY 26

Navigation Specification	Path Descriptor (Recommended)	Waypoint Identifier	Latitude Longitude	Fly-Over	Course/Track M° (T°)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (Kts)	Remarks
RNAV1	IF	AMMIT	31° 37' 20"N 035° 27' 23" E					-10 000 +6 000		
RNAV1	TF	SIVAK	31° 42' 32"N 035° 28' 37" E		006 (011.4)	5.3		-10 000 +6 000		
RNAV1	TF	TOMAL	31° 44' 29"N 035° 29' 06" E		007 (012.0)	2.0		-10 000 +6 000		
RNAV1	TF	GATVU	31° 56' 42"N 035° 14' 45" E		310 (315.0)	17.3	L	-9 000 +6 000		
RNAV1	TF	GEMDA	32° 03' 26"N 034° 59' 48" E		293 (297.9)	14.4		-8 000 +6 000		
RNAV1	TF	GALGA	32° 09' 25"N 034° 59' 24" E		352 (356.7)	6.0	R	+5 000	-220	
RNAV1	TF	RABIN	32° 07’ 32.2”N 035° 07’ 20.9” E		101 (105.5)	7.0	R	+3 800	-210	IAF

SALAM2C STAR RWY 26

Navigation Specification	Path Descriptor (Recommended)	Waypoint Identifier	Latitude Longitude	Fly-Over	Course/Track M° (T°)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (Kts)	Remarks
RNAV1	IF	SALAM	31° 56' 00"N 035° 31' 00" E					-10 000 +6 000		
RNAV1	TF	GATVU	31° 56' 42"N 035° 14' 45" E		268 (272.9)	13.8		-9 000 +6 000		
RNAV1	TF	GEMDA	32° 03' 26"N 034° 59' 48" E		293 (297.9)	14.4	R	-8 000 +6 000		
RNAV1	TF	GALGA	32° 09' 25"N 034° 59' 24" E		352 (356.7)	6.0	R	+5 000	-220	
RNAV1	TF	RABIN	32° 07’ 32.2”N 035° 07’ 20.9” E		101 (105.5)	7.0	R	+3 800	-210	IAF

Holding Identification

Holding Fix	Latitude Longitude	Inbound Course/Track M° (T°)	MAX IAS (Kts)	Altitude (ft)	Outbound Time / Distance	Turn Direction
ZUKKO	32° 33' 42"N 033° 56' 57" E	128 (133.4)		-FL 200 +5 000	1 Min	R
KONFO	32° 25' 42"N 034° 06' 56" E	128 (133.4)		-FL 200 +5 000	1 Min	R
VETEK	32° 21’ 17”N 034° 31’ 24” E	108 (113.0)		-8 000 +5 000	1 Min	R
DIVLA	32° 17’ 03”N 034° 43’ 04” E	108 (113.0)		-8 000 +5 000	1 Min	R
GATVU	31° 56' 42"N 035° 14' 45" E	293 (298.3)	-250	-9 000 +6 000	1 Min	L

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STANDARD ARRIVAL CHART - INSTRUMENT (RNAV STAR) - ICAO

TRANSITION LVL 200

ATIS Arrival	132.50
ACC	120.90
TMA	119.50
ARR	131.10
TWR	134.60

TEL-AVIV / BEN-GURION (LLBG)
RWY 30
AMMOS1E, AMMOS1F, AMMIT1E, SALAM3E

CHANGES: Routing change.

AMMOS1E STAR RWY 30

Navigation Specification	Path Descriptor (Recommended)	Waypoint Identifier	Latitude Longitude	Fly-Over	Course/Track M° (T°)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (Kts)	Remarks
RNAV1	IF	ZUKKO	32° 33' 42"N 033° 56' 57" E					-13 000		
RNAV1	TF	KONFO	32° 25' 42"N 034° 06' 56" E		128 (133.4)	11.6		-11 000 +10 000		
RNAV1	TF	AMMOS	32° 23' 30"N 034° 19' 11" E		097 (102.0)	10.6	L	-9 000		
RNAV1	TF	VETEK	32° 21' 17"N 034° 31' 24" E		097 (102.0)	10.6		-8 000 +6 000		
RNAV1	TF	DIVLA	32° 17' 03"N 034° 43' 04" E		108 (113.1)	10.8	R	-8 000 +6 000		
RNAV1	TF	TADOV	32° 15' 15"N 034° 48' 00" E		108 (113.2)	4.6		-8 000 +6 000		
RNAV1	TF	HADAS	32° 12' 13.0"N 034° 59' 40.0" E		102 (107.0)	10.3	L	+6 000	-230	IAF

AMMOS1F STAR RWY 30

Navigation Specification	Path Descriptor (Recommended)	Waypoint Identifier	Latitude Longitude	Fly-Over	Course/Track M° (T°)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (Kts)	Remarks
RNAV1	IF	ZUKKO	32° 33' 42"N 033° 56' 57" E					-13 000		
RNAV1	TF	KONFO	32° 25' 42"N 034° 06' 56" E		128 (133.4)	11.6		-11 000 +10 000		
RNAV1	TF	AMMOS	32° 23' 30"N 034° 19' 11" E		097 (102.0)	10.6	L	-9 000		
RNAV1	TF	VETEK	32° 21' 17"N 034° 31' 24" E		097 (102.0)	10.6		-8 000 +6 000		
RNAV1	TF	BAGAG	32° 14' 38"N 034° 32' 23" E		168 (172.8)	6.7	R	-8 000 +6 000	-230	
RNAV1	TF	PITAT	32° 13' 33"N 034° 35' 38" E		106 (111.4)	3.0	L	-8 000 +6 000	-230	
RNAV1	TF	DIVLA	32° 17' 03"N 034° 43' 04" E		056 (061.0)	7.2	L	-8 000 +6 000		
RNAV1	TF	TADOV	32° 15' 15"N 034° 48' 00" E		108 (113.2)	4.6	R	-8 000 +6 000		
RNAV1	TF	HADAS	32° 12' 13.0"N 034° 59' 40.0" E		102 (107.0)	10.3	L	+6 000	-230	IAF

AMMIT1E STAR RWY 30

Navigation Specification	Path Descriptor (Recommended)	Waypoint Identifier	Latitude Longitude	Fly-Over	Course/Track M° (T°)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (Kts)	Remarks
RNAV1	IF	AMMIT	31° 37' 20"N 035° 27' 23" E					-10 000 +7 000		
RNAV1	TF	SIVAK	31° 42' 32"N 035° 28' 37" E		006 (011.4)	5.3		-10 000 +7 000		
RNAV1	TF	TOMAL	31° 44' 29"N 035° 29' 06" E		007 (012.0)	2.0		-10 000 +7 000		
RNAV1	TF	GATVU	31°56' 42"N 035° 14' 45" E		310 (315.0)	17.3	L	-9 000 +7 000		
RNAV1	TF	GEMDA	32° 03' 26"N 034° 59' 48" E		293 (297.9)	14.4		-8 000 +7 000		
RNAV1	TF	MESIL	32° 06' 38"N 034°54' 05" E		298 (303.3)	5.8		+7 000	-230	
RNAV1	TF	BETYO	32° 13' 24"N 034°55' 08" E		002 (007.5)	6.8	R	+6 000	-230	
RNAV1	TF	HADAS	32° 12' 13.0"N 034° 59' 40.0" E		102 (107.0)	4	R	+6 000	-230	IAF

SALAM3E STAR RWY 30

Navigation Specification	Path Descriptor (Recommended)	Waypoint Identifier	Latitude Longitude	Fly-Over	Course/Track M° (T°)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (Kts)	Remarks
RNAV1	IF	SALAM	31° 56' 00"N 035° 31' 00" E					-10 000 +7 000		
RNAV1	TF	GATVU	31°56' 42"N 035° 14' 45" E		268 (272.9)	13.8		-9 000 +7 000		
RNAV1	TF	GEMDA	32° 03' 26"N 034° 59' 48" E		293 (297.9)	14.4	R	-8 000 +7 000		
RNAV1	TF	MESIL	32° 06' 38"N 034°54' 05" E		298 (303.3)	5.8		+7 000	-230	
RNAV1	TF	BETYO	32° 13' 24"N 034°55' 08" E		002 (007.5)	6.8	R	+6 000	-230	
RNAV1	TF	HADAS	32° 12' 13.0"N 034° 59' 40.0" E		102 (107.0)	4	R	+6 000	-230	IAF

Holding Identification

Holding Fix	Latitude Longitude	Inbound Course/Track M° (T°)	MAX IAS (Kts)	Altitude (ft)	Outbound Time / Distance	Turn Direction
ZUKKO	32° 33' 42"N 033° 56' 57" E	128 (133.4)		-FL 200 +5 000	1 Min	R
KONFO	32° 25' 42"N 034° 06' 56" E	128 (133.4)		-FL 200 +5 000	1 Min	R
VETEK	32° 21’ 17”N 034° 31’ 24” E	108 (113.0)		-8 000 +6 000	1 Min	R
DIVLA	32° 17’ 03”N 034° 43’ 04” E	108 (113.0)		-8 000 +6 000	1 Min	R
GATVU	31° 56' 42"N 035° 14' 45" E	293 (298.3)	-250	-9 000 +7 000	1 Min	L

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CHART - RNAV TRANSITION INSTRUMENT

TRANSITION LVL 200

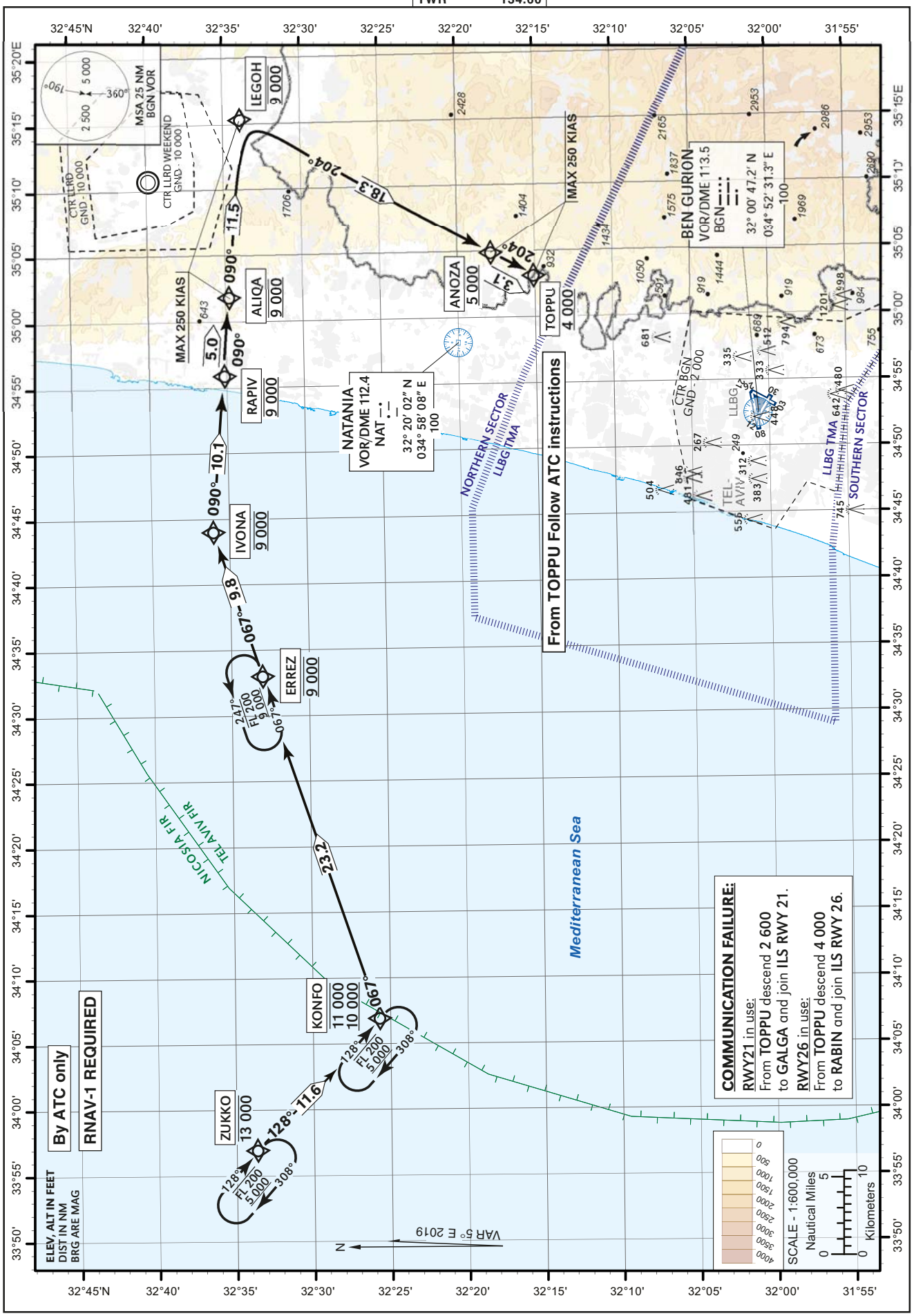
AD ELEV **134 ft**

ATIS Arrival	132.50
ACC	121.40
APP	120.50
ARR	131.10
TWR	134.60

TEL-AVIV / BEN-GURION (LLBG)

RWYs 21, 26

ERREZ1A



ERREZ1A TRANSITION TO RWY 21/26

Navigation specification	Path Descriptor (Recommended)	Waypoint Identifier	Latitude Longitude	Flyover	Course/ Track M° (T°)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (Kts)	Remarks
RNAV1	IF	ZUKKO	32° 33' 42" N 033° 56' 57" E					-13 000		
RNAV1	TF	KONFO	32° 25' 42" N 034° 06' 56" E		128 (133.4)	11.6		-11 000 +10 000		
RNAV1	TF	ERREZ	32°33' 01.1" N 034° 32' 59.9" E		067 (071.5)	23.2	L	@9 000		
RNAV1	TF	IVONA	32° 36' 04.3" N 034° 44' 00.0" E		067 (071.8)	9.8		@9 000		
RNAV1	TF	RAPIV	32° 35' 12" N 034° 55' 54" E		090 (094.9)	10.1	R	@9 000		
RNAV1	TF	ALIQA	32° 34' 49.8" N 035° 01' 48.1" E		090 (094.9)	5.0		@9 000	-250	
RNAV1	TF	LEGOH	32° 33' 53.1" N 035° 15' 20.5" E		090 (094.9)	11.5		@9 000	-250	
RNAV1	TF	ANOZA	32° 17' 50.95" N 035° 04' 52.30" E		204 (209.0)	18.3	R	+5 000	-250	
RNAV1	TF	TOPPU	32° 15' 07.8" N 035° 03' 06.5" E		204 (209.0)	3.1		+4 000	-250	

HOLDING IDENTIFICATION

Holding Fix	Latitude Longitude	Inbound Course/Track M° (T°)"	MAX IAS (Kts)	Altitude (ft)	Outbound Time / Distance	Turn Direction
ZUKKO	32° 33' 42" N 033° 56' 57" E	128 (133.4)		-FL 200 +5 000	1 MIN	R
KONFO	32° 25' 42" N 034° 06' 56" E	128 (133.4)		-FL 200 +5 000	1 MIN	R
ERREZ	32°33' 01.1" N 034° 32' 59.9" E	067 (071.5)		-FL 200 +9 000	1 MIN	L

INSTRUMENT APPROACH CHART - ICAO

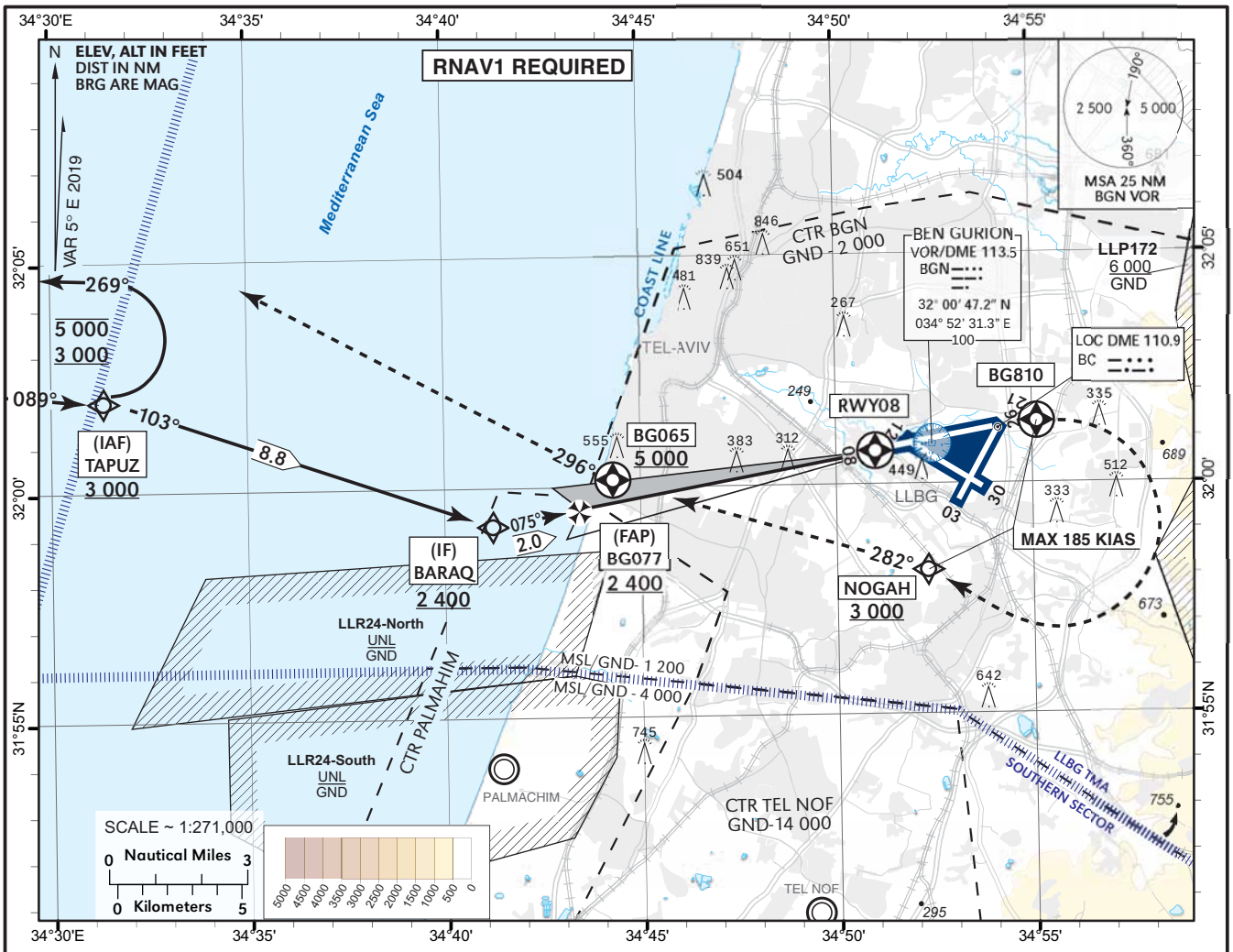
AD ELEV **134 ft**
HEIGHTS RELATED TO
RWY 08 - ELEV **97 ft**

TRANSITION ALT 18 000

ATIS Arrival	132.50
APP	120.50
TWR	134.60

TEL-AVIV / BEN-GURION (LLBG)

ILS RWY 08

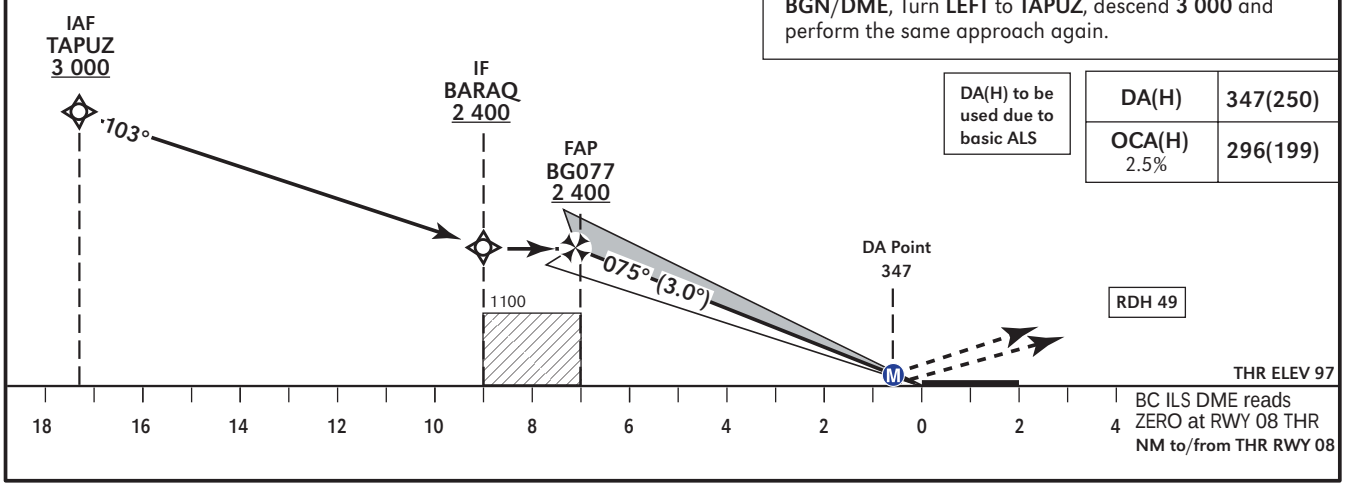


BC ILS DME	5.0	4.0	3.0	2.0
ALT (HAT)	1 760 (1 660)	1 440 (1 340)	1 110 (1 010)	790 (690)

MISSED APPROACH:
Initial climb **5 000**. Fly To **BG810** on course **075°**. Turn **RIGHT** to **NOGAH** at or above **3 000** (MAX 185 KIAS), then on course **282°** to **BG065** at or above **5 000**. Continue on track **296°** and expect **ATC** radar vectors.

CAT A & B requires a 5.1% climb gradient up to **5 000** due to airspace restrictions. If unable, advise **ATC**.
CAT C & D requires a 4.5% climb gradient up to **5 000** due to airspace restrictions. If unable, advise **ATC**.

COMMUNICATION FAILURE:
Execute above mentioned missed approach. Once established on track **296°**, continue until **20.0D BGN/DME**, Turn **LEFT** to **TAPUZ**, descend **3 000** and perform the same approach again.



DA(H) to be used due to basic ALS

DA(H)	347(250)
OCA(H) 2.5%	296(199)

CHANGES: MAG VAR, MSA altitude, ILS code morse add, WPT SAVIT changed to BARAQ.

RWY 08 ILS CAT I

Navigation Specification	Path Descriptor (Recommended)	Waypoint Identifier	Latitude Longitude	Fly-Over	Course/Track M° (T°)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (Kts)	Remarks
RNAV1	IF	TAPUZ	32° 01' 57"N 034° 31' 24" E					+3 000		IAF
RNAV1	TF	BARAQ	31° 59' 10"N 034° 41' 14" E		103 (108.3)	8.8		+2 400		IF
	TF	BG077	31° 59' 32.2"N 034° 43' 36.8" E		075 (079.8)	2.0	L	+2 400		FAP
	TF	RWY08	32° 00' 46.30"N 034° 51' 39.10" E	Y	075 (079.8)	7.0		+146		MAPt (LNAV)

RWY 08 Intermediate and Final Approach

FIX	Latitude Longitude	True Azimuth (reference)	DME distance
IF	31° 59' 10"N 034° 41' 14" E	080 (LOC 08)	9.00 DME BC* 9.73 DME BGN
FAP	31° 59' 32.2"N 034° 43' 36.8" E	080 (LOC 08)	7.00 DME BC* 7.73 DME BGN
			* 0 at THR

GP angle (Slope)	3.0° (5.24%)

STANDARD MISSED APPROACH

Navigation Specification	Path Descriptor (Recommended)	Waypoint Identifier	Latitude Longitude	Fly-Over	Course/Track M° (T°)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (Kts)	Remarks
RNAV1	CF	BG810	32° 01' 18"N 034° 55' 07" E	Y	075 (079.8)				-185	
RNAV1	DF	NOGAH	31° 58' 08"N 034° 52' 19" E				R	+3 000	-185	
RNAV1	CF	BG065	32° 00' 10"N 034° 44' 19" E	Y	282 (286.6)			+5 000		
RNAV1	FM	BG065	32° 00' 10"N 034° 44' 19" E	Y	296 (301.0)					

HOLDING IDENTIFICATION

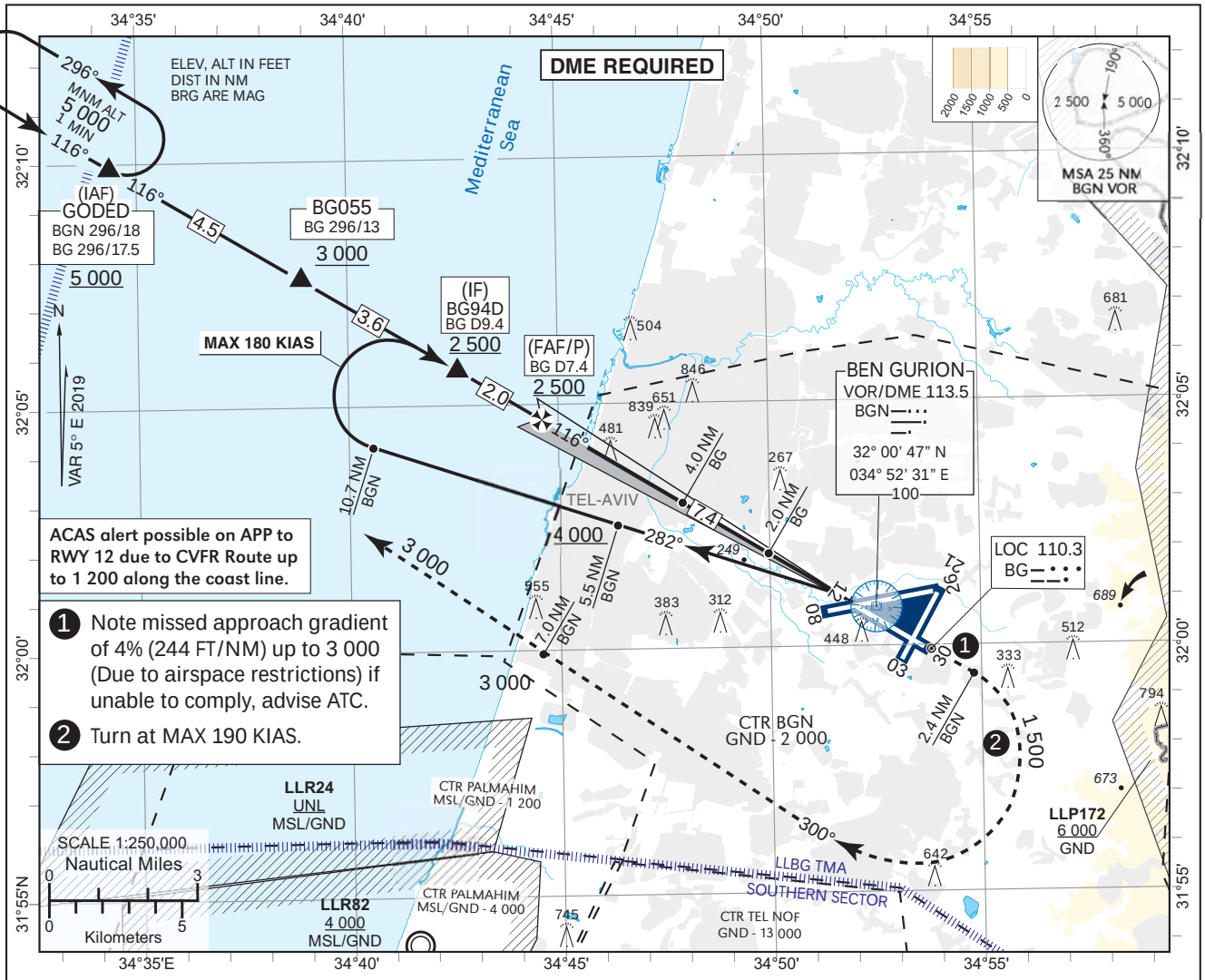
Holding Fix	Latitude Longitude	Inbound Course/Track M° (T°)	MAX IAS (Kts)	Altitude (ft)	Outbound Time / Distance	Turn Direction
TAPUZ	32° 01' 57"N 034° 31' 24" E	089 (094.3)		-5 000 +3 000	1 Min	L

INSTRUMENT APPROACH CHART - ICAO

AD ELEV **134 ft**
HEIGHTS RELATED TO THR RWY 12 - ELEV **103 ft**

APP	120.50
TWR	134.60

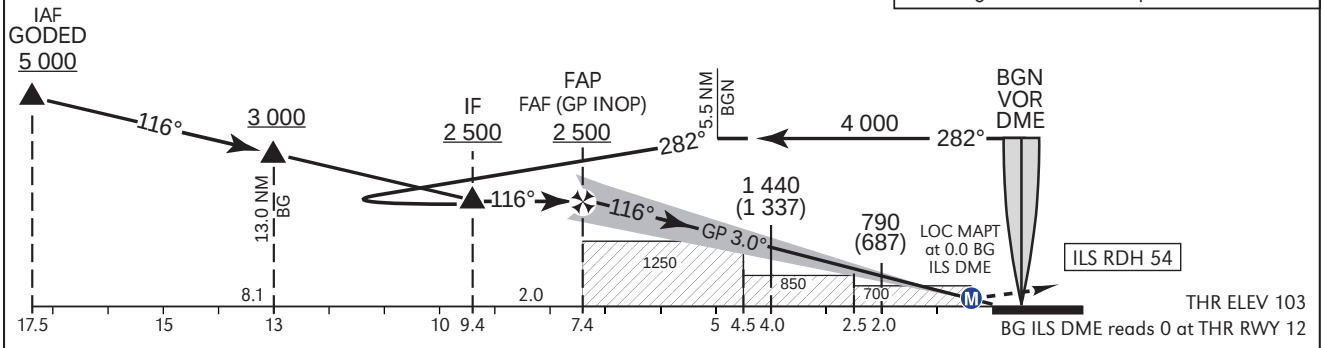
TEL-AVIV / BEN-GURION (LLBG)
ILS RWY 12
CAT I



BG ILS DME	6 DME	4 DME	2 DME
ALTITUDE	2 090	1 440	790

MISSED APPROACH:
Initial climb 3 000, Climb straight ahead, when passing 1 500 but not before BGN D2.4 outbound, turn RIGHT heading 300° climbing to 3 000 and expect radar vectors.

TRANSITION ALT 18 000



OCA (H)			A	B	C	D	Circling
Straight-in	CAT I	MAP 2.5%	300(197)	312(209)	320(217)	331(228)	NA
		MAP 4.5%	249(146)	257(154)	269(166)	280(177)	
	GP INOP		700 (597)				

GS	kt	90	110	130	150	170	190
ROD (5.2%)	ft/min	478	584	690	796	902	1 008

CHANGES: OCA(H) update.

LLBG ILS/LOC ONLY RWY 12

Significant Point	Latitude Longitude	True Azimut (Reference)	DME distance	Speed
GODED (IAF)	32° 09' 54"N 034° 34' 22" E	301.4° (LOC 12)	17.5 DME BG* 17.9 DME BGN	
BG055	32° 07' 34"N 034° 38' 58" E	301.4° (LOC 12)	12.9 DME BG* 13.4 DME BGN	
BG94D (IF)	32° 05' 44"N 034° 42' 36" E	301.4° (LOC 12)	9.4 DME BG* 9.8 DME BGN	
FAF/FAP	32° 04' 42.0"N 034° 44' 36.0" E	301.4° (LOC 12)	7.4 DME BG* 7.8 DME BGN	
MAPt (GP INOP)	32° 00' 52"N 034° 51' 59" E		0.4 DME BGN	

* 0 at THR

Precision Final Approach – Descent angle (Slope)	3.0° (5.24%)
Non Precision Final Approach – Slope (Descent angle)	5.24% (3.0°)

HOLDING IDENTIFICATION

Holding Fix	Latitude Longitude	Inbound Course/Track M° (T°)	MAX IAS (Kts)	Altitude (ft)	Outbound Time / Distance	Turn Direction
GODED	32° 09' 54"N 034° 34' 22" E	116 (121.0)	230	+5 000	1 Min	L

INSTRUMENT APPROACH CHART - ICAO

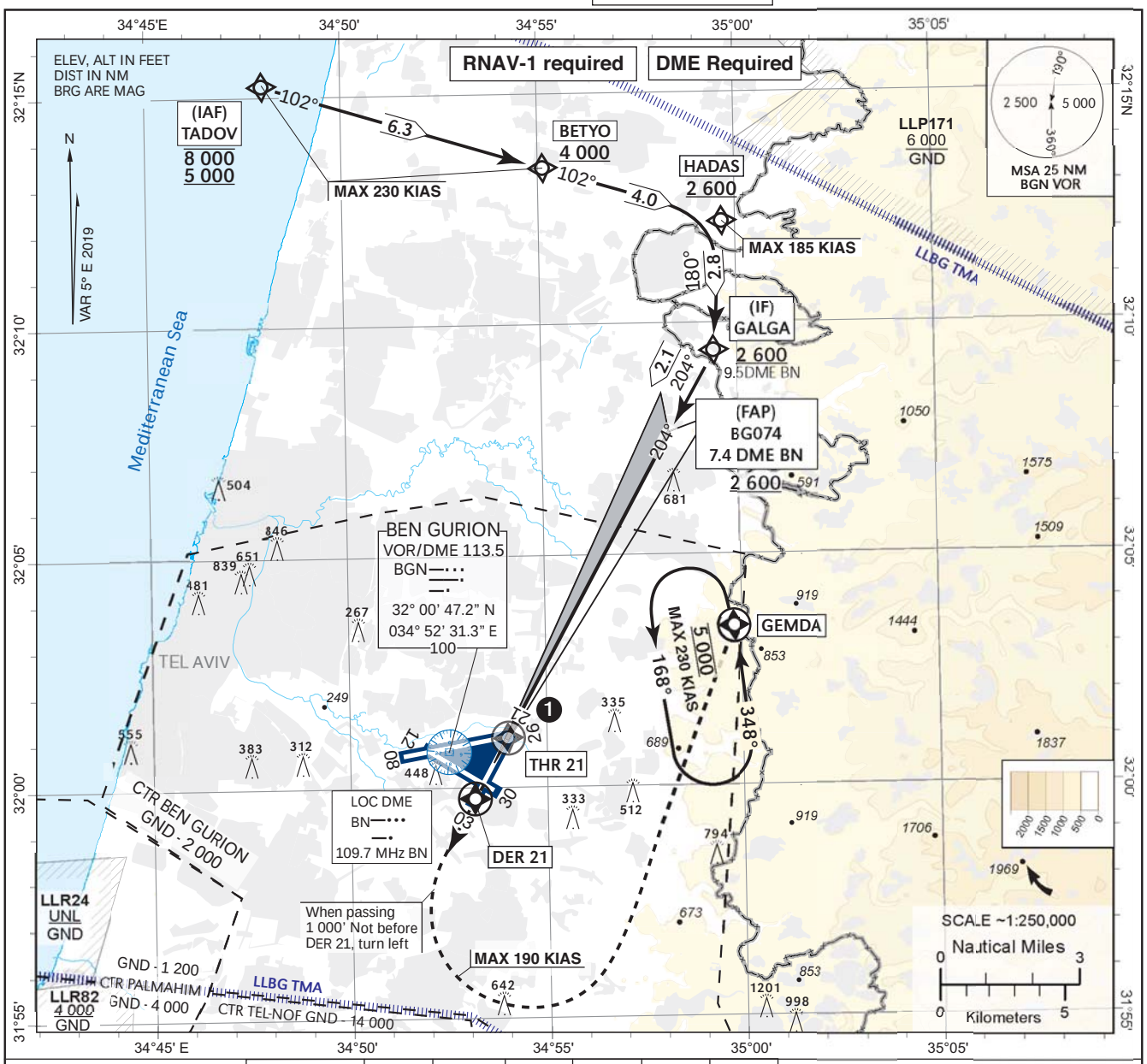
TRANSITION ALTITUDE 18 000

AERODROME ELEV **134 ft**
HEIGHTS RELATED TO THR ELEV **134 ft**

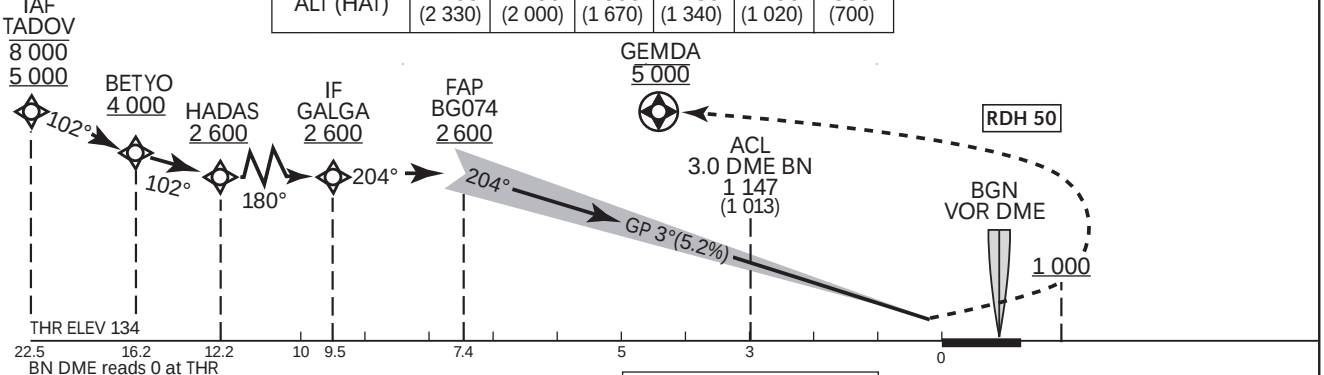
ATIS Arrival	132.50
ARR	131.10
TWR	132.10

TEL-AVIV / BEN-GURION (LLBG)

ILS RWY 21



BN ILS DME	7	6	5	4	3	2
ALT (HAT)	2 460 (2 330)	2 130 (2 000)	1 800 (1 670)	1 480 (1 340)	1 150 (1 020)	830 (700)



1 Auto landing prohibited

OCA/(H)			A	B	C	D
STA	ILS CAT I	4.5% up to 5,000	291 (157)	303 (169)	311 (177)	322 (188)
		2.5% up to 5,000	503 (369)	515 (381)	523 (389)	534 (400)
CIRCLING			N/A			

MISSED APPROACH:
Initial climb **5 000**. Climb straight to **DER 21**. Upon reaching **1 000** turn **LEFT** (MAX 190 KIAS) to **GEMDA 5 000** and **HOLD**.
Missed approach requires a **4.5%** (**270/NM**) climb gradient due to airspace restrictions.
If unable to comply utilize **2.5% OCA/H** and advise **ATC**.

CHANGES: ALT @BETYO, RNAV 1 note

ILS RWY 21

Navigation Specification	Path Descriptor (Recommended)	Waypoint Identifier	Latitude Longitude	Fly-Over	Course/Track M° (T°)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (Kts)	Remarks
RNAV1	IF	TADOV	32° 15' 15"N 034° 48' 00" E					-8 000 +5 000	-230	IAF
RNAV1	TF	BETYO	32° 13' 24"N 034° 55' 08" E		102 (106.9)	6.3		+4 000	-230	
RNAV1	TF	HADAS	32° 12' 13"N 034° 59' 40" E		102 (107.0)	4.0		+2 600	-185	
RNAV1	TF	GALGA	32° 09' 25"N 034° 59' 24" E		180 (184.6)	2.8		+2 600		IF
RNAV1	TF	BG074	32° 07' 36.81"N 034° 58' 13.95" E		204 (208.9)	2.1		+2 600		FAP
RNAV1	CF	THR21	32° 01' 05.25"N 034° 54' 00.81" E	Y	204 (208.9)	7.4		+183		

RWY21 Intermediate and Final Approach

FIX	Latitude Longitude	True Azimuth (reference)	DME distance
IF	31° 09' 25"N 034° 59' 24" E	028.9 (LOC 21)	9.5 DME BN* 10.4 DME BGN
FAP	32° 07' 36.81"N 034° 58' 13.95" E	028.9 (LOC 21)	7.4 DME BN* 8.4 DME BGN
THR21	32° 01' 05.25"N 034° 54' 00.81" E	028.9 (LOC 21)	
			* 0 at THR

STANDARD MISSED APPROACH

Navigation Specification	Path Descriptor (Recommended)	Waypoint Identifier	Latitude Longitude	Fly-Over	Course/Track M° (T°)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (Kts)	Remarks
RNAV1	CF	DER21	31° 59' 46.38"N 034° 53' 09.89" E	Y	204 (208.9)					
RNAV1	CA				204 (208.9)			+1 000		
RNAV1	DF	GEMDA	32° 03' 26"N 034° 59' 48" E	Y			L	@5000	-190	

HOLDING IDENTIFICATION

Holding Fix	Latitude Longitude	Inbound Course/Track M° (T°)	MAX IAS (Kts)	Altitude (ft)	Outbound Time / Distance	Turn Direction
GEMDA	32° 03' 26"N 034° 59' 48" E	348 (353)	230	@5 000	1 min	L

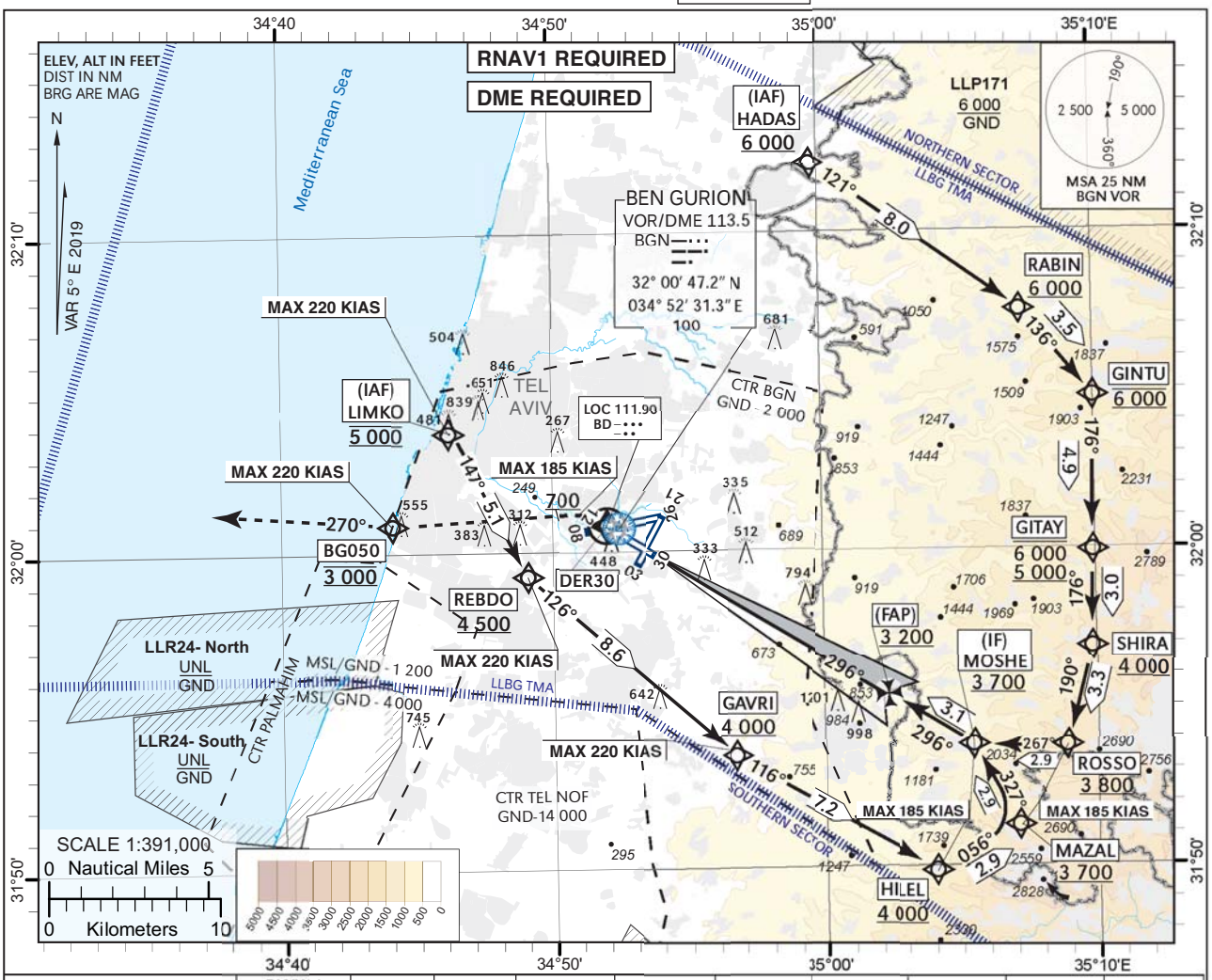
INSTRUMENT APPROACH CHART - ICAO

AERODROME ELEV **134 ft**
HEIGHTS RELATED TO
THR RWY 30 - ELEV **130 ft**

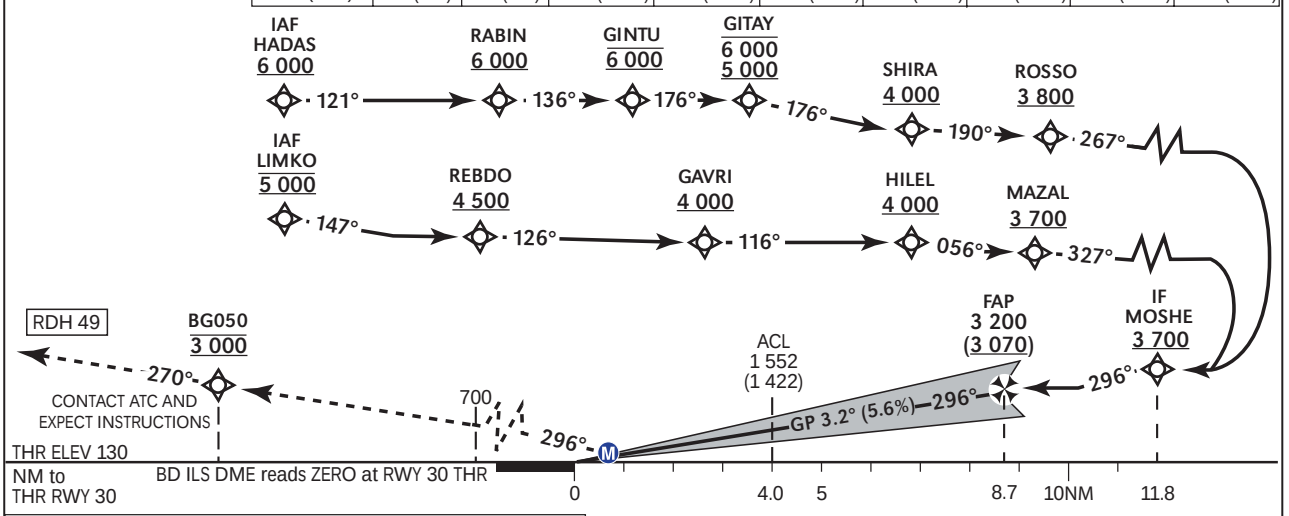
TA 18 000

ATIS	132.50
ARR	131.10
APP	120.50
TWR	134.60

TEL-AVIV / BEN-GURION (LLBG)
ILS RWY 30



RWY30 BD ILS DME	1	2	3	4	5	6	7	8	8.7
ALT (HGT)	520 (390)	870 (740)	1 210 (1 080)	1 560 (1 430)	1 900 (1 770)	2 250 (2 120)	2 610 (2 480)	2 960 (2 830)	3 200 (3 080)



MISSED APPROACH:

Initial climb **3 000**. Climb on course **296°** (MAX 185 KIAS), at or above **700**, Not before **DER 30**. turn **LEFT** direct to **BG050** (MAX 220 KIAS) at **3 000** Continue on track **270°**, climb to **5 000**, contact **ATC** and expect instructions.
BG050 at **3 000** requires a **5.9%** minimum climb gradient due to airspace restrictions, if unable inform **ATC**.

OCA (OCH)		A	B	C	D
STA	CAT I	271(141)	283(153)	291(161)	302(172)
CIRCLING		N/A			

GS	kt	80	100	120	140	160	180
ROD: 5.6%	ft/min	453	566	679	793	906	1 019

CHANGES: ARR Freq. added, Coding at WPT BG050 changed, MISSED APPROACH description changed.

RWY 30 ILS CAT I From LIMKO

Navigation Specification	Path Descriptor (Recommended)	Waypoint Identifier	Latitude Longitude	Fly-Over	Course/Track M° (T°)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (Kts)	Remarks
RNAV1	IF	LIMKO	32° 03' 48" N 34° 46' 18" E					@5 000	-220	IAF
RNAV1	TF	REBDO	31° 59' 17" N 34° 49' 04" E		147 (152.4)	5.1		+4 500	-220	
RNAV1	TF	GAVRI	31° 53' 35" N 34° 56' 44" E		126 (131.1)	8.6	L	+4 000	-220	
RNAV1	TF	HILEL	31° 49' 53" N 35° 04' 02" E		116 (120.7)	7.2		+4 000	-185	
RNAV1	TF	MAZAL	31° 51' 17" N 35° 07' 04" E		056 (061.5)	2.9	L	+3 700	-185	
RNAV1	TF	MOSHE	31° 53' 51" N 35° 05' 27" E		327 (331.6)	2.9	L	+3 700	-185	IF

RWY 30 ILS CAT I From HADAS

Navigation Specification	Path Descriptor (Recommended)	Waypoint Identifier	Latitude Longitude	Fly-Over	Course/Track M° (T°)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (Kts)	Remarks
RNAV1	IF	HADAS	32° 12' 13" N 34° 59' 40" E					+6 000		IAF
RNAV1	TF	RABIN	32° 07' 32" N 35° 07' 21" E		121 (125.6)	8.0		+6 000		
RNAV1	TF	GINTU	32° 04' 48" N 35° 09' 58" E		136 (140.7)	3.5	R	@6 000		
RNAV1	TF	GITAY	31° 59' 55" N 35° 09' 53" E		176 (180.8)	4.9	R	- 6000 +5000		
RNAV1	TF	SHIRA	31° 56' 55"N 35° 09' 50" E		176 (180.8)	3.0		+4 000		
RNAV1	TF	ROSSO	31° 53' 46" N 35° 08' 51" E		190 (195.0)	3.3		+3 800	-185	
RNAV1	TF	MOSHE	31° 53' 51" N 35° 05' 27" E		267 (271.8)	2.9	R	+3 700	-185	IF

RWY 30 Intermediate and Final Approach

FIX	Latitude Longitude	True Azimuth (reference)	DME distance
IF	31° 53' 51" N 35° 05' 27" E	121.35 (LOC 30)	11.76 DME BD* 12.99 DME BGN
FAP	31° 55' 27" N 35° 02' 23" E	121.35 (LOC 30)	8.70 DME BD* 9.93 DME BGN
			* 0 at THR

GP angle (Slope)	3.20° (5.59%)

Standard missed approach

Navigation Specification	Path Descriptor (Recommended)	Waypoint Identifier	Latitude Longitude	Fly-Over	Course/Track M° (T°)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (Kts)	Remarks
RNAV1	TF	DER30	32° 00' 51.1" N 034° 52' 00.6" E	Y	296 (301.4)	1.7	L	+700	-185	
RNAV1	CA				296 (301.3)			+700	-185	
RNAV1	DF	BG050	32° 00' 56" N 034° 44' 06" E				L	@3 000	-220	
RNAV1	FM				270 (275.4)		R	@5 000		

INSTRUMENT APPROACH CHART - ICAO

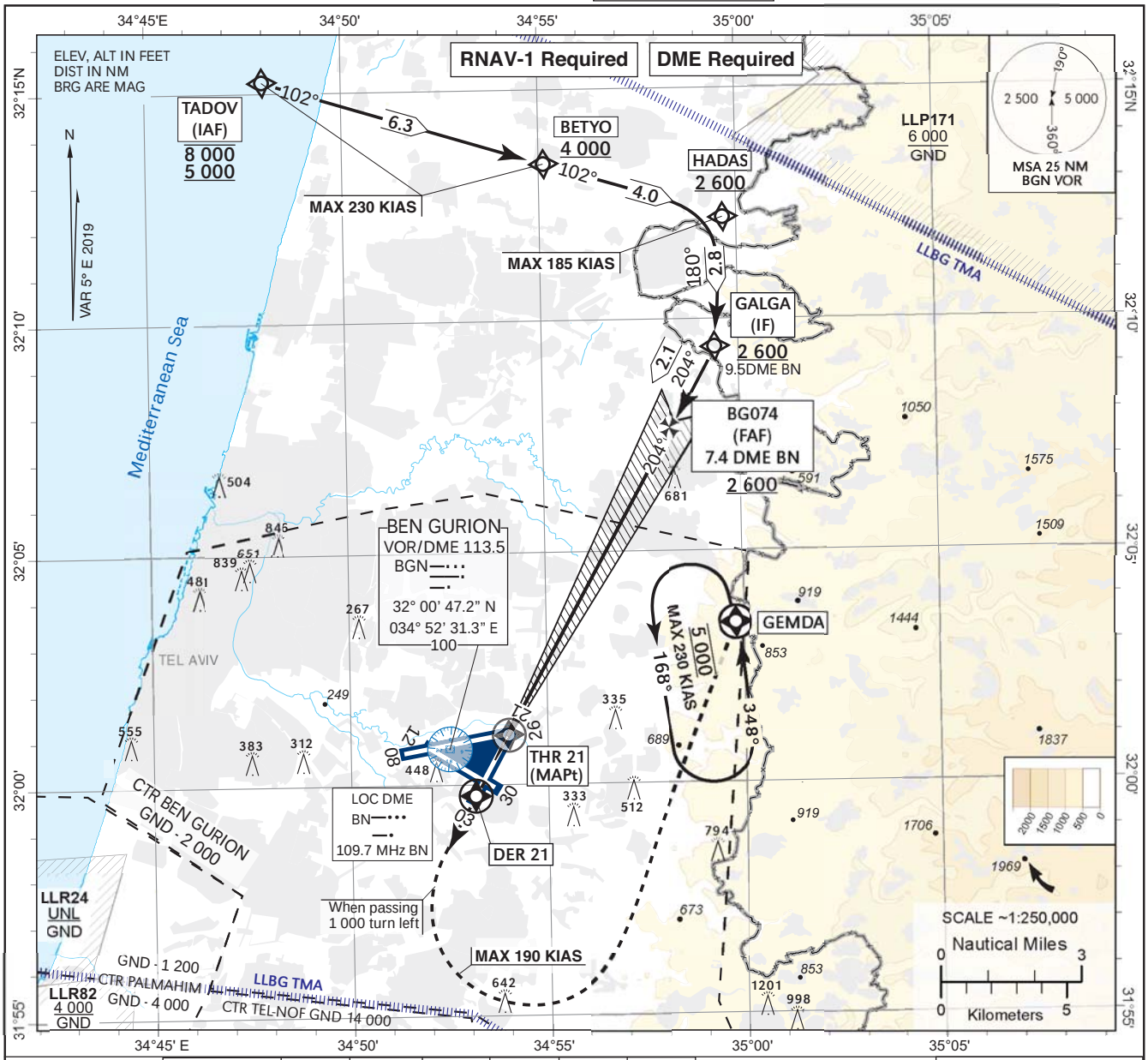
TRANSITION ALTITUDE 18 000

AERODROME ELEV **134 ft**
HEIGHTS RELATED TO THR ELEV **134 ft**

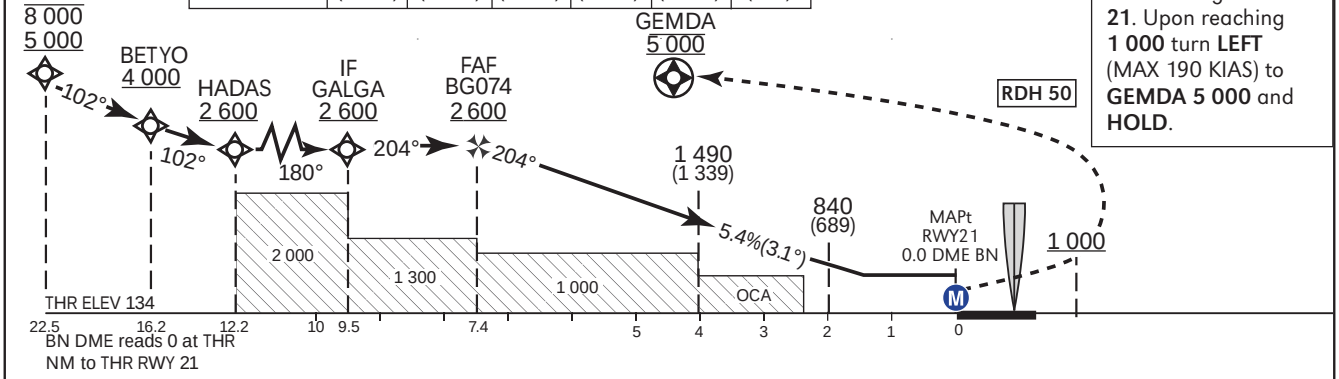
ATIS Arrival	132.50
ARR	131.10
TWR	132.10

TEL-AVIV / BEN-GURION (LLBG)

LOC RWY 21



BN ILS DME	7	6	5	4	3	2
ALT (HAT)	2 460 (2 330)	2 140 (2 000)	1 810 (1 680)	1 490 (1 350)	1 160 (1 030)	840 (700)



MISSED APPROACH:
Initial climb **5 000**. Climb straight to **DER 21**. Upon reaching **1 000** turn **LEFT** (MAX 190 KIAS) to **GEMDA 5 000** and **HOLD**.

OCA/(H)		A	B	C	D
STA	LOC	930 (796)			
CIRCLING		N/A			

GS	KT	90	120	150	180
ROD: 5.4 %	ft/min	490	650	820	980

CHANGES: ALT @BETYO, RNAV-1note, ATIS freq. added

LOC RWY 21

Navigation Specification	Path Descriptor (Recommended)	Waypoint Identifier	Latitude Longitude	Fly-Over	Course/Track M° (T°)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (Kts)	Remarks
RNAV1	IF	TADOV	32° 15' 15"N 034°48' 00" E					-8 000 +5 000	-230	IAF
RNAV1	TF	BETYO	32° 13' 24"N 034° 55' 08" E		102 (106.9)	6.3		+4 000	-230	
RNAV1	TF	HADAS	32° 12' 13"N 034° 59' 40" E		102 (107.0)	4.0		+2 600	-185	
RNAV1	TF	GALGA	32° 09' 25"N 034° 59' 24" E		180 (184.6)	2.8		+2 600		IF
RNAV1	TF	BG074	32° 07' 36.81"N 034° 58' 13.95" E		204 (208.9)	2.1		+2 600		FAF
RNAV1	CF	THR21	32° 01' 05.25"N 034° 54' 00.81" E	Y	204 (208.9)	7.4		+183		MAPt

STANDARD MISSED APPROACH

Navigation Specification	Path Descriptor (Recommended)	Waypoint Identifier	Latitude Longitude	Fly-Over	Course/Track M° (T°)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (Kts)	Remarks
RNAV1	CF	DER21	31° 59' 46.38"N 034°53' 09.89" E	Y	204 (208.9)	1.5				
RNAV1	CA				204 (208.9)			+1 000		
RNAV1	DF	GEMDA	32° 03' 26"N 034°59' 48" E	Y			L	@5 000	-190	MAHF

HOLDING IDENTIFICATION

Holding Fix	Latitude Longitude	Inbound Course/Track M° (T°)	MAX IAS (Kts)	Altitude (ft)	Outbound Time / Distance	Turn Direction
GEMDA	32° 03' 26"N 034° 59' 48" E	348 (353)	230	@5 000	1 min	L

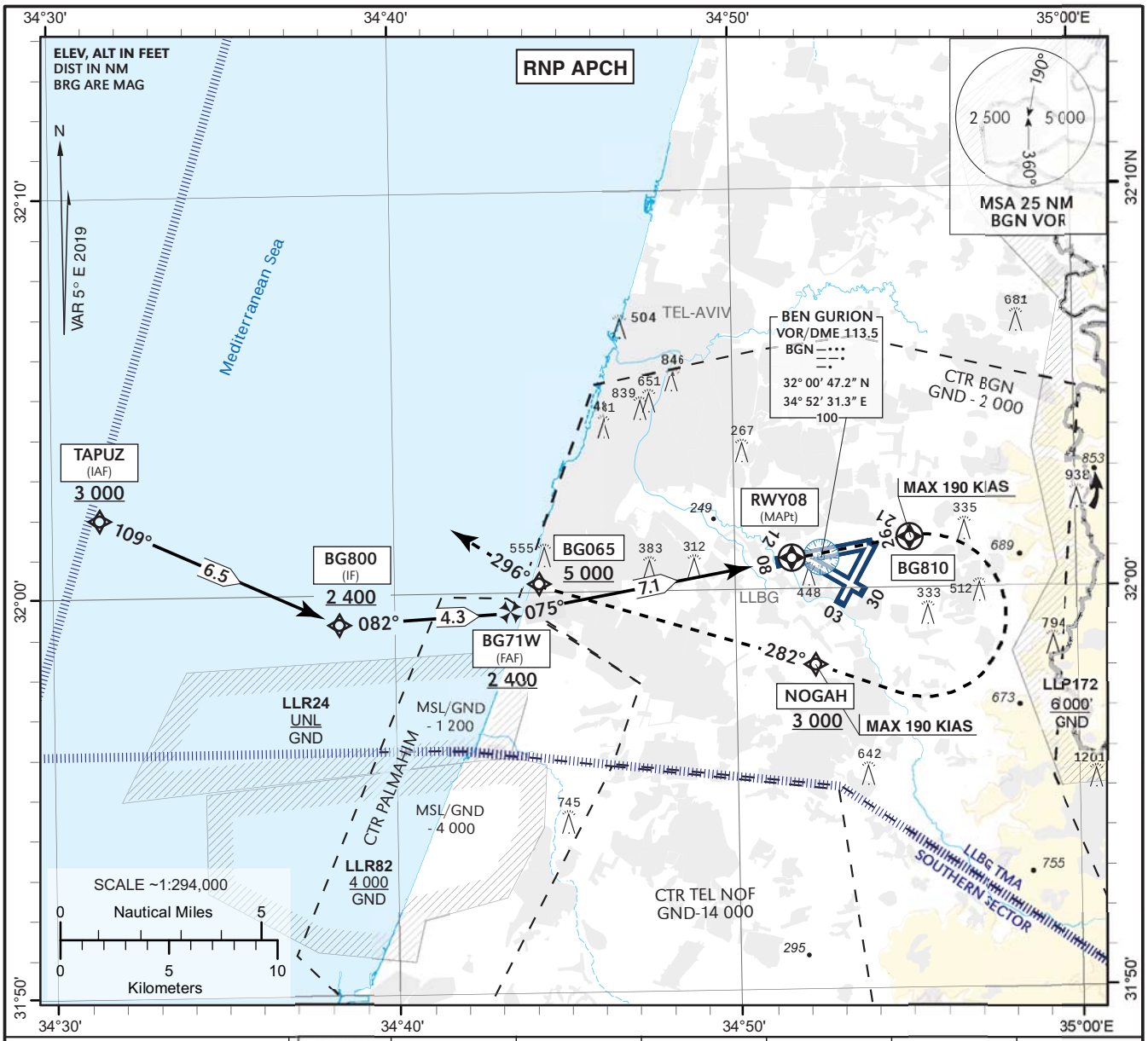
INSTRUMENT APPROACH CHART - ICAO

AERODROME ELEV **134 ft**
HEIGHTS RELATED TO
THR RWY 08 - ELEV **97 ft**

ATIS Arrival	132.50
APP	120.50
TWR	134.60

TEL-AVIV / BEN-GURION (LLBG)

RNP RWY 08

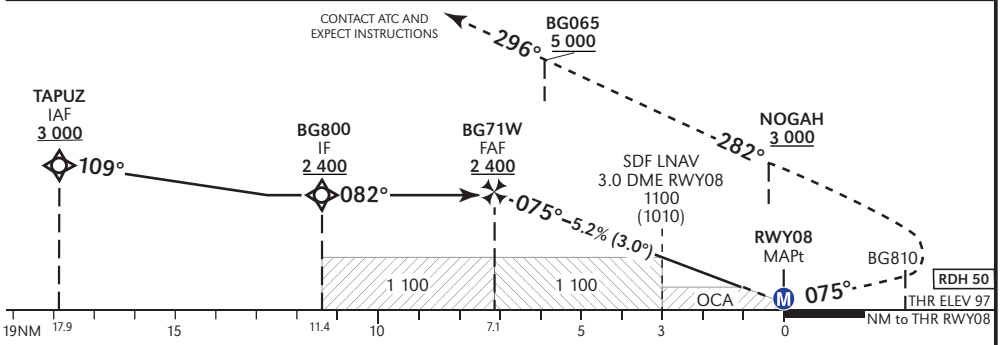


TRANSITION ALT 18 000

RWY08	7	6	5	4	3	2
ALT (HGT)	2 380 (2 280)	2 060 (1 970)	1 740 (1 650)	1 420 (1 330)	1 110 (1 010)	790 (690)

MISSED APPROACH:
Initial climb **5 000**. Fly To **BG810** on course **075°**. Turn **RIGHT** to **NOGAH** at or above **3 000** (MAX 190 KIAS), then on course **282°** to **BG065** at or above 5 000. Continue on track **296°** and expect ATC radar vectors.

CAT A & B requires 5.1% climb gradient up to 5 000 due to airspace restrictions. If unable, advise **ATC**.
CAT C & D requires 4.5% climb gradient up to 5 000 due to airspace restrictions. If unable, advise **ATC**.



OCA (OCH)		A	B	C	D
LNAV	2.5%	630 (540)			
LNAV/ VNAV	2.5%	550 (460)		560 (470)	570 (480)
CIRCLING		N/A			

BARO VNAV TEMPERATURE
MNM -10°c/MAX 60°c
Effective **VPA** at 0°c is 2.8°.
Effective **VPA** at 45°c is 3.3°.

GS	KT	80	100	120	140	160	180
ROD: 5.2%	ft/min	424	531	637	743	849	955

CHANGES: MAG VAR, MSA, Bearings, speed restriction @NOGAH and BG810, comm failure withdrawn.

RNP RWY 08

Navigation Specification	Path Descriptor (Recommended)	Waypoint Identifier	Latitude Longitude	Fly-Over	Course/Track M° (T°)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (Kts)	Remarks
RNAV-1	IF	TAPUZ	32° 01' 57" N 34° 31' 24" E	-				+3 000		IAF
RNAV-1	TF	BG800	31° 59' 17" N 34° 38' 23" E	-	109 (114.1)	6.5		+2 400		IF
RNAV-1	TF	BG71W	31° 59' 30" N 34° 43' 27" E	-	082 (086.9)	4.3	L	+2 400		FAF
RNP APCH	TF	RWY08	32° 00' 46" N 34° 51' 39" E	Y	075 (079.8)	7.1		+147		MAPt

RNP RWY 08 - Missed Approach

Navigation Specification	Path Descriptor (Recommended)	Waypoint Identifier	Latitude Longitude	Fly-Over	Course/Track M° (T°)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (Kts)	Remarks
RNAV-1	CF	BG810	32° 01' 18" N 34° 55' 07" E	Y	075 (079.8)				-190	
RNAV-1	DF	NOGAH	31° 58' 08" N 34° 52' 19" E	-			R	+3 000	-190	
RNAV-1	CF	BG065	32° 00' 10" N 34° 44' 19" E	-	282 (286.6)	7.1		+5 000		
RNAV-1	FM	BG065	32° 00' 10" N 34° 44' 19" E	-	296 (301.0)					

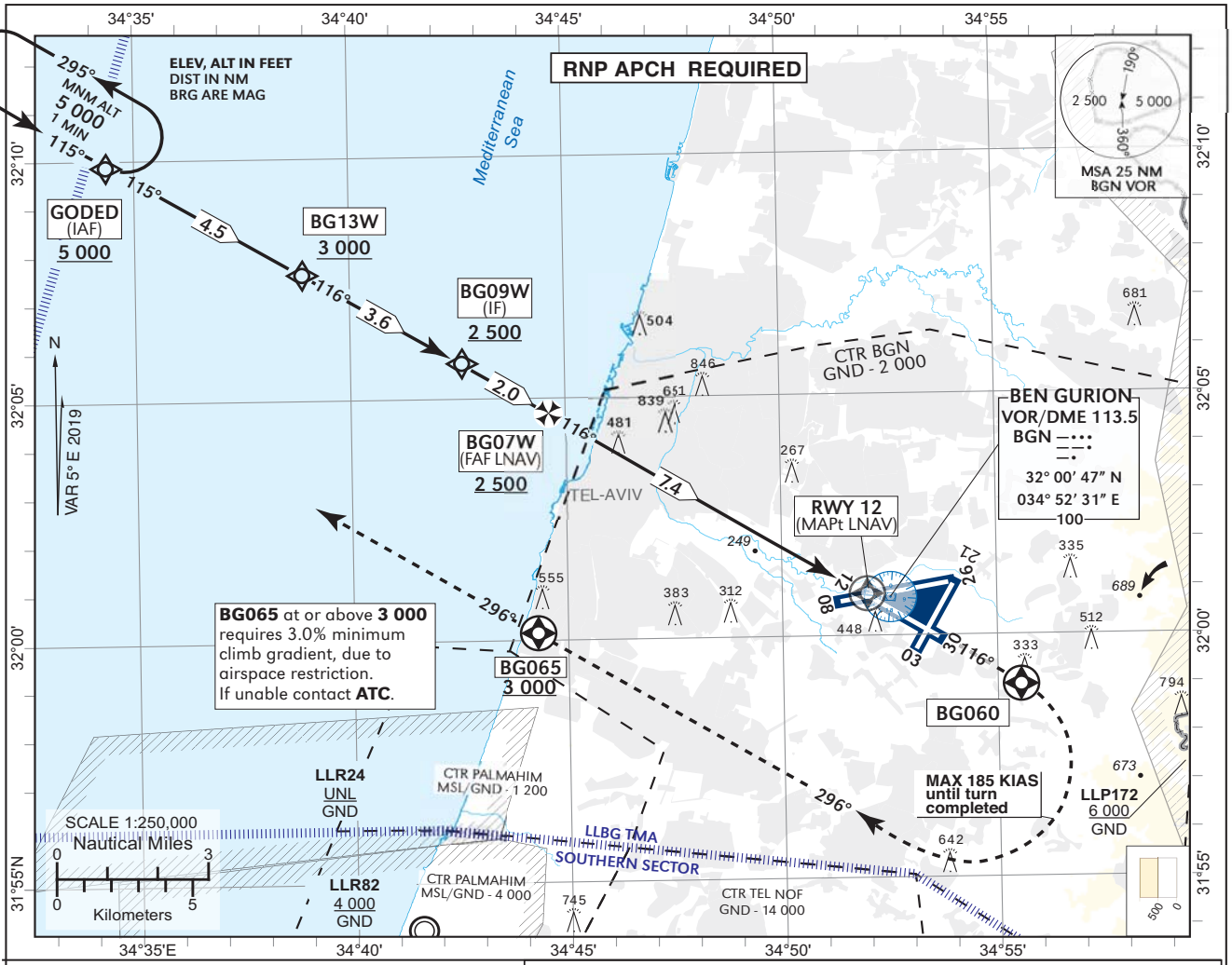
INSTRUMENT APPROACH CHART - ICAO

AD ELEV **134 ft**
HEIGHTS RELATED TO THR RWY 12 - ELEV **103 ft**

ATIS Arrival	132.50
APP	120.50
TWR	134.60

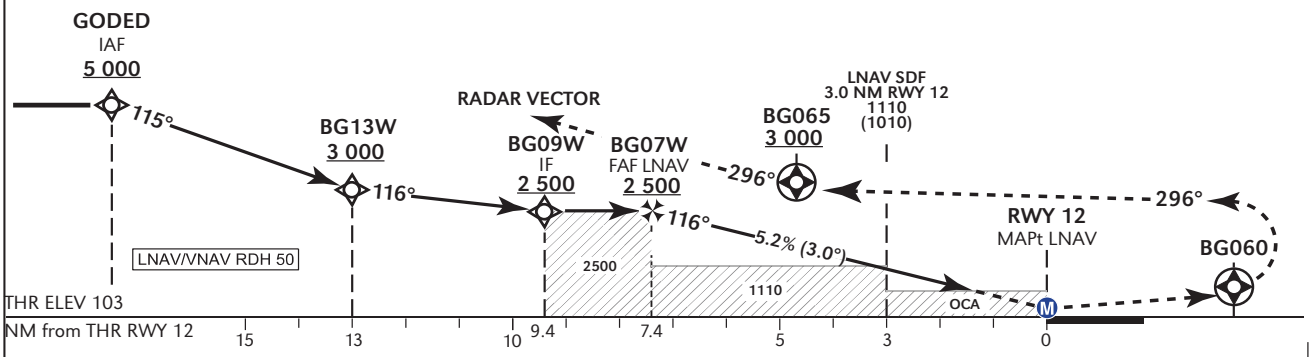
TEL-AVIV / BEN-GURION (LLBG)

RNP RWY 12



TRANSITION ALT 18 000

MISSED APPROACH:
Initial climb **3 000**. Climb to **BG060** on course 116°, turn **RIGHT** course **296°** to **BG065** at or above **3 000**, continue on track **296°** and expect radar vectors.



OCA (OCH)	A	B	C	D
LNAV		***680*** (580)		
LNAV/VNAV	***470*** (370)	***480*** (380)	***600*** (500)	***610*** (510)

Circling is not authorized

BARO VNAV TEMPERATURE
MNM -10°c/MAX 60°c
Effective VPA at 0°c is 2.8°
Effective VPA at 45°c is 3.3°

RWY12	7	6	5	4	3	2	1
ALT (HGT) FNA	*2390* (2280)	*2070* (1970)	*1750* (1650)	*1430* (1330)	*1110* (1010)	*790* (690)	
GS	kt	80	100	120	140	160	180
ROD: 5.2 %	ft/min	430	530	640	750	850	960

CHANGES: BARO VNAV temp. coding table - path descriptor @BG065

LLBG RNP RWY 12

Navigation Specification	Path Descriptor (Recommended)	Waypoint Identifier	Latitude Longitude	Fly-Over	Course/Track M° (T°)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (Kts)	Remarks
RNAV-1	IF	GODED	32° 09' 54"N 034° 34' 22" E					+5 000		IAF
RNAV-1	TF	BG13W	32° 07' 38"N 034° 38' 56" E		115 (120.3)	4.5		+3 000		
RNAV-1	TF	BG09W	32° 05' 45"N 034° 42' 34" E		116 (121.3)	3.6	L	+2 500		IF
RNAV-1	TF	BG07W	32° 04' 41.7"N 034° 44' 36.3" E		116 (121.3)	2.0		+2 500		FAF
RNP APCH	TF	RWY12	32° 00' 51"N 034° 52' 01" E	Y	116 (121.3)	7.4		+153		MAPt

STANDARD MISSED APPROACH

Navigation Specification	Path Descriptor (Recommended)	Waypoint Identifier	Latitude Longitude	Fly-Over	Course/Track M° (T°)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (Kts)	Remarks
RNAV-1	CF	BG060	31° 59' 02"N 034° 55' 31" E	Y	116 (121.3)				-185	
RNAV-1	CF	BG065	32° 00' 10"N 034° 44' 19" E	Y	296 (301.3)		R	+3 000	-185	
RNAV-1	FM	BG065	32° 00' 10"N 034° 44' 19" E		296 (301.3)			+3 000		

Non Precision Final Approach – Slope (Descent angle)	5.24% (3.0°)
Approach with Vertical Guidance (VPA) – Descent angle (Slope)	3.0° (5.24%)

HOLDING IDENTIFICATION

Holding Fix	Latitude Longitude	Inbound Course/Track M° (T°)	MAX IAS (Kts)	Altitude (ft)	Outbound Time / Distance	Turn Direction
GODED	32° 09' 54"N 034° 34' 22" E	115.0 (120.3)	230	+5 000	1 Min	L

INSTRUMENT APPROACH CHART - ICAO

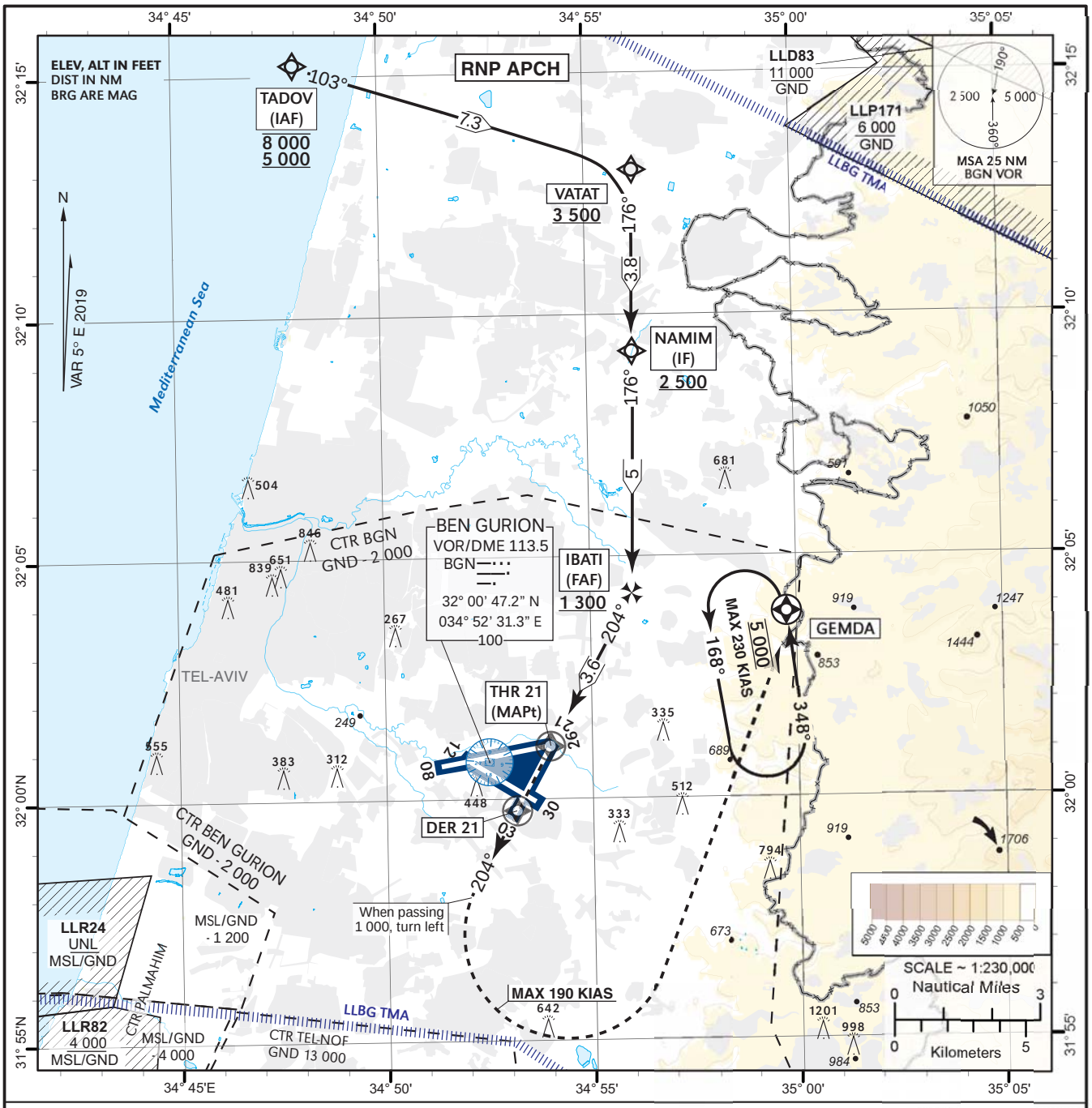
AERODROME ELEV **134 ft**

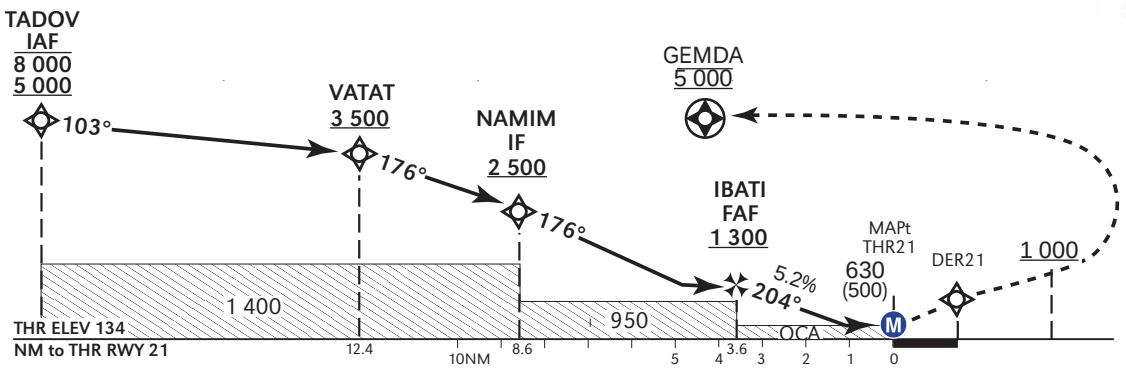
HEIGHTS RELATED TO THR RWY 21 - ELEV **134 ft**

TRANSITION ALT 18 000

ATIS Arrival	132.50
ARR	131.10
TWR	132.10

TEL-AVIV / BEN-GURION (LLBG)
RNP X RWY 21





MISSED APPROACH: Initial climb **5 000**. Climb straight to **DER 21**. Upon reaching **1 000** turn **LEFT** (MAX 190 KIAS) to **GEMDA 5 000** and **HOLD**. Note: Climb GRAD. requirement of 4.5% (270/NM) due to airspace restrictions. If unable to comply advise **ATC**.

OCA/(H)		A	B	C	D
STA	LNAV	630 (500)			
CIRCLING		N/A			

RWY21		3	2	1
ALT (HGT)	FNA	1 120 (990)	810 (680)	

GS	KT	100	120	140	160	180
ROD: 5.2 %	ft/min	530	637	743	849	955

CHANGES: ROD Updated.

LLBG - RNP X RWY 21

Navigation Specification	Path Descriptor (Recommended)	Waypoint Identifier	Latitude Longitude	Fly-Over	Course/Track M° (T°)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (Kts)	Remarks
RNAV1	IF	TADOV	32° 15' 15"N 034°48' 00" E					-8 000 +5 000	-230	IAF
RNP APCH	TF	VATAT	32° 13' 00"N 034° 56' 13" E		103 (107.8)	7.3		+3 500		
RNP APCH	TF	NAMIM	32° 09' 15"N 034° 56' 09" E		176 (180.9)	3.8	R	+2 500		IF
RNP APCH	TF	IBATI	32° 04' 15.0"N 034° 56' 03.0" E		176 (180.9)	5.0		+1 300		FAF
RNP APCH	TF	THR21	32° 01' 05.25"N 034° 54' 00.81" E	Y	204 (208.9)	3.6	R	+183		MAPt

Standard missed approach

Navigation Specification	Path Descriptor (Recommended)	Waypoint Identifier	Latitude Longitude	Fly-Over	Course/Track M° (T°)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (Kts)	Remarks
RNP APCH	TF	DER21	31° 59' 46.40"N 034°53' 09.89" E	Y	204 (208.9)			+1 000	-190	
RNAV1	CA				204 (208.9)			+1 000	-190	
RNAV1	DF	GEMDA	32° 03' 26" N 034° 59' 48" E	Y			L	@5 000	-190	
RNAV1	HM	GEMDA	32° 03' 26" N 034° 59' 48" E		348 (353)		L	@5 000	-230	

Non Precision Final Approach – Slope (Descent angle)	5.24% (3.0°)

Holding Identification

Holding Fix	Latitude Longitude	Inbound Course/Track M° (T°)	MAX IAS (Kts)	Altitude (ft)	Outbound Time / Distance	Turn Direction
GEMDA	32° 03’ 26” N 034° 59’ 48” E	348 (353)	-230	@5 000	1 Min	L

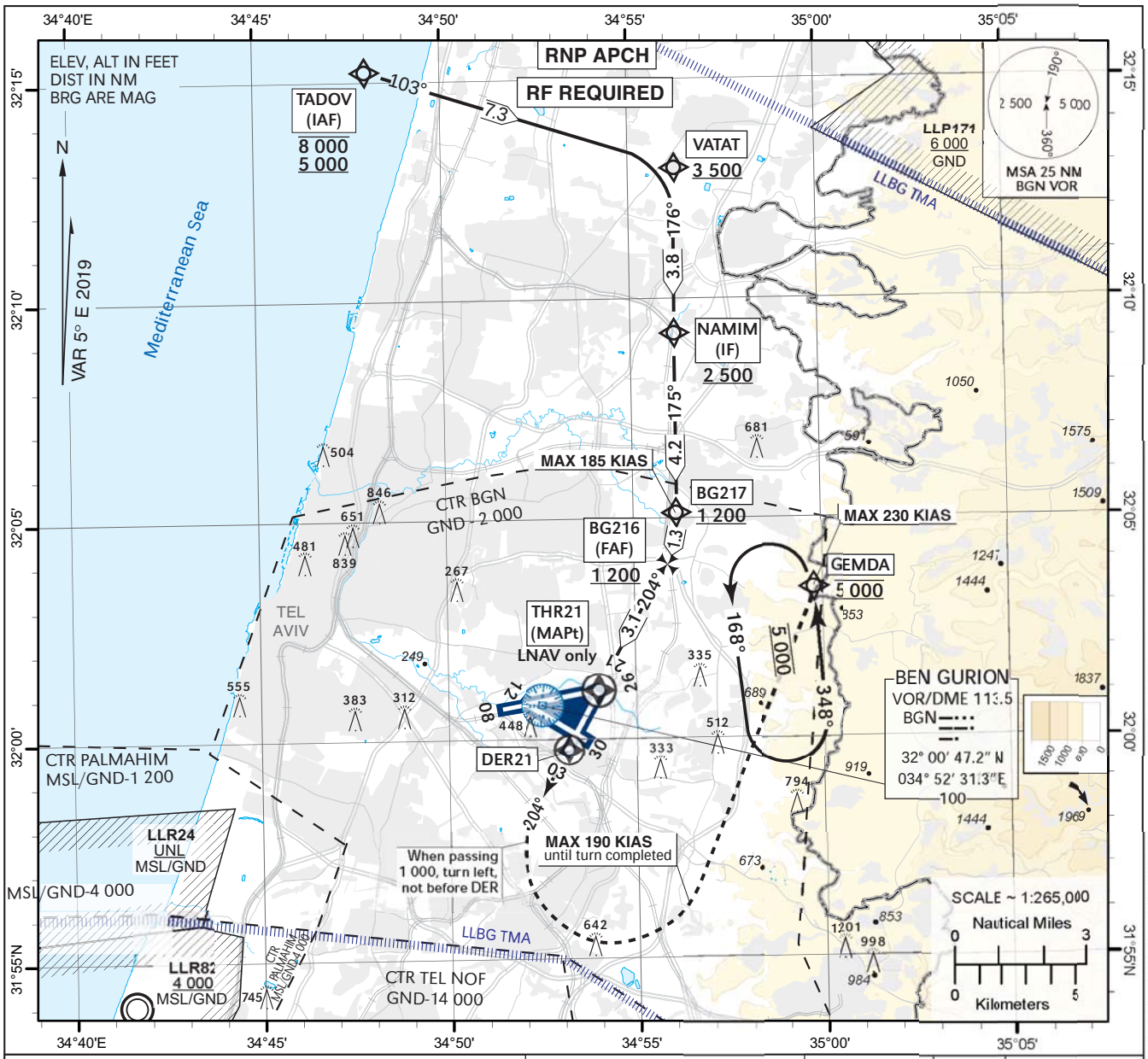
INSTRUMENT APPROACH CHART - ICAO

AD ELEV **134 ft**

TRANSITION ALT 18 000

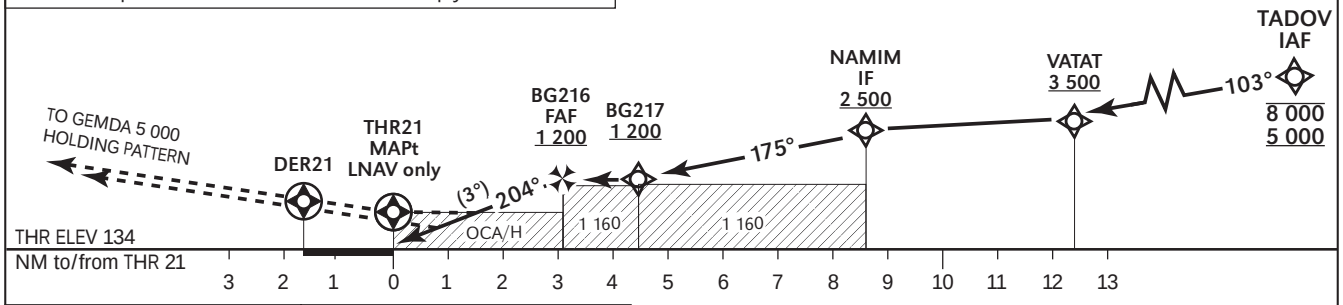
ARR	131.10
TMA	119.50
TWR	132.10

TEL-AVIV / BEN-GURION (LLBG)
RNP Y RWY 21



MISSED APPROACH:
Initial climb **5 000**. Climb straight to **DER 21**. Upon reaching **1 000** turn **LEFT** (MAX 190 KIAS) to **GEMDA 5 000** and **HOLD**. Note: Climb GRAD. requirement of 4.5% (270/NM) due to airspace restrictions. If unable to comply advise **ATC**.

NM to RWY 21	1	2	3
ALTITUDE (HGT)	500 (366)	820 (686)	1140 (1006)
		RDH 50FT	



	OCA (OCH)	A	B	C	D
STRAIGHT IN APPROACH	LNAV	730(596)			
	LNAV/VNAV Missed APCH climb grad. 5.0%	384(250)	384(250)	390(256)	400(266)
	LNAV/VNAV Missed APCH climb grad. 2.5%	520(386)	530(396)	540(406)	550(416)
CIRCLING		N/A			

REMARK:
For uncompensated Baro-VNAV system: Baro VNAV Temperature MNM - 10^C/MAX 60°C Effective VPA at 0°C is 2.8° Effective VPA at 45°C is 3.3°

Ground Speed	KT	80	100	120	140	160	180
Rate of descent: 5.2%	ft/min	424	531	637	743	849	955

CHANGES: Missed APP procedure updated, course/track and ALT updated in the coding table, Speed limitation added @HLG procedure

LLBG - RNP Y RWY 21

Navigation Specification	Path Descriptor (Recommended)	Waypoint Identifier	Latitude Longitude	Fly-Over	Course/Track M° (T°)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (Kts)	Remarks
RNAV1	IF	TADOV	32° 15' 15" N 034° 48' 00" E					-8 000 +5 000	-230	IAF
RNP APCH	TF	VATAT	32° 13' 00.0" N 034° 56' 13.0" E		103 (107.8)	7.3		+3 500		
RNP APCH	TF	NAMIM	32° 09' 15" N 034° 56' 09" E		176 (180.9)	3.8		+2 500		IF
RNP APCH	TF	BG217	32° 05' 03.8" N 034° 56' 10.0" E		175 (179.5)	4.2		+1 200	-185	
RNP APCH	RF Center BG999 32° 05' 04.6" N 034° 53' 10.0" E r=2.55NM	BG216	32° 03' 50.7" N 034° 55' 47.7" E			1.3	R	+1 200	-185	FAF
RNP APCH	TF	THR21	32° 01' 05.2" N 034° 54' 00.8" E	Y	204 (208.8)	3.1		+183	-190	MAPt

Standard missed approach

Navigation Specification	Path Descriptor (Recommended)	Waypoint Identifier	Latitude Longitude	Fly-Over	Course/Track M° (T°)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (Kts)	Remarks
RNP APCH	TF	DER21	31° 59' 46.40"N 034° 53' 09.89" E	Y	204 (208.9)			+1 000	-190	
RNAV1	CA				204 (208.9)			+1 000	-190	
RNAV1	DF	GEMDA	32° 03' 26" N 034° 59' 48" E	Y			L	@5 000	-190	
RNAV1	HM	GEMDA	32° 03' 26" N 034° 59' 48" E		348 (353)		L	@5 000	-230	

Holding Identification

Holding Fix	Latitude Longitude	Inbound Course/Track M° (T°)	MAX IAS (Kts)	Altitude (ft)	Outbound Time / Distance	Turn Direction
GEMDA	32° 03' 26.0" N 034° 59' 48.0" E	348 (353.0)	-230	@5 000	1 Min	L

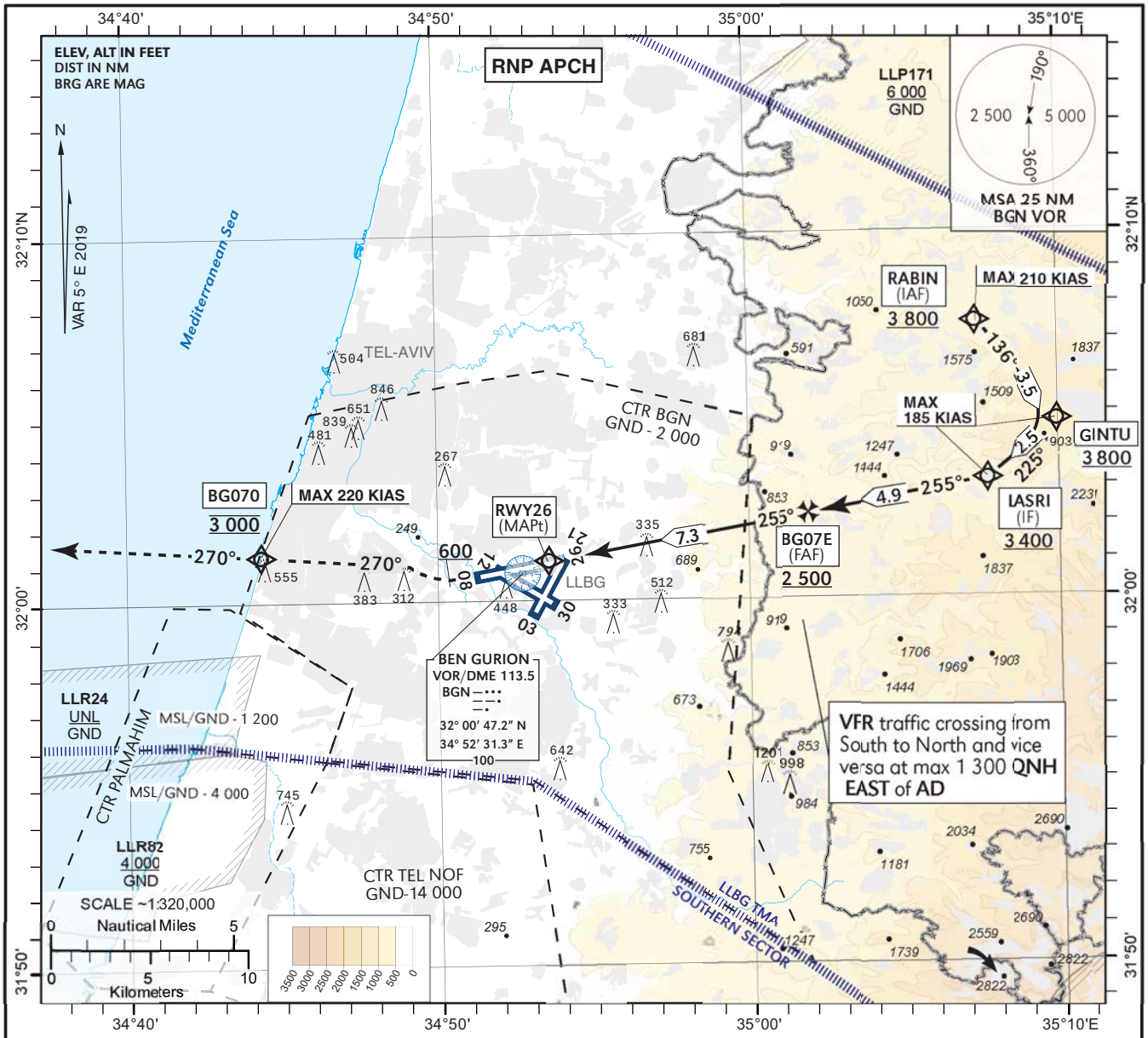
INSTRUMENT APPROACH CHART - ICAO

AERODROME ELEV **134 ft**
HEIGHTS RELATED TO
THR RWY 26 - ELEV **124 ft**

ATIS Arrival	132.50
APP	120.50
TWR	134.60

TEL-AVIV / BEN-GURION (LLBG)

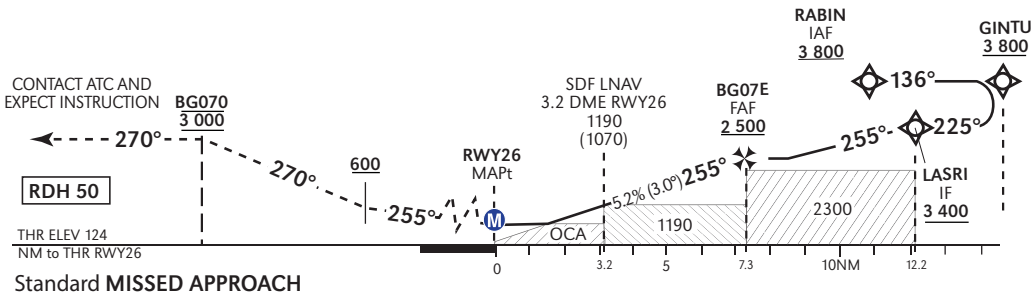
RNP RWY 26



TRANSITION ALT 18 000

RWY26	2	3	4	5	6	7
ALT (HGT)	820 (690)	1 130 (1 010)	1 450 (1 330)	1 770 (1 650)	2 090 (1 970)	2 410 (2 290)

MISSED APPROACH:
Initial climb **3 000**. Climb on course **255°**. At or above **600**, turn **RIGHT** on course **270°** (MAX 220 KIAS) to **BG070** at **3 000** (MAX 220 KIAS). Continue on track **270°**, contact **ATC** and expect instructions.



Standard **MISSED APPROACH** requires a 6.0% climb gradient up to 3 000 due to airspace restrictions. if unable, advise **ATC**.

OCA (OCH)		A	B	C	D
LNAV	2.5%	590 (470)			
LNAV/VNAV	2.5%	390 (270)	400 (280)	420 (300)	450 (330)
CIRCLING		N/A			

BARO-VNAV temperature
MNM -10˚c/**MAX 60**˚c
Effective **VPA** at 0˚c is 2.8˚
Effective **VPA** at 45˚c is 3.3˚

GS	KT	80	100	120	140	160	180
ROD: 5.2%	ft/min	425	531	637	743	850	956

CHANGES: speed limitation at MISSED APPROACH removed

RNP RWY 26

Navigation Specification	Path Descriptor (Recommended)	Waypoint Identifier	Latitude Longitude	Fly-Over	Course/Track M° (T°)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (Kts)	Remarks
RNAV-1	IF	RABIN	32° 07' 32" N 35° 07' 21" E	-				+3 800	-210	IAF
RNAV-1	TF	GINTU	32° 04' 48" N 35°09' 58" E	-	136 (140.7)	3.5		+3 800	-185	
RNAV-1	TF	LASRI	32° 03' 12" N 35° 07' 42" E	-	225 (230.4)	2.5	R	+3 400	-185	IF
RNAV-1	TF	BG07E	32° 02' 21" N 35° 02' 01" E	-	255 (260.0)	4.9	R	+2 500		FAF
RNP APCH	TF	RWY26	32° 01' 04" N 34° 53' 34" E	Y	255 (260.0)	7.3		+174		MAPt

RNP RWY 26 - Missed Approach

Navigation Specification	Path Descriptor (Recommended)	Waypoint Identifier	Latitude Longitude	Fly-Over	Course/Track M° (T°)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (Kts)	Remarks
RNAV-1	CA			-	255 (260.0)			+600	-220	
RNAV-1	CF	BG070	32° 01' 16" N 34°44' 20" E	-	270 (275)		R	@3 000	-220	
RNAV-1	FM		32° 01' 16" N 34°44' 20" E	-	270 (275)			@3 000		

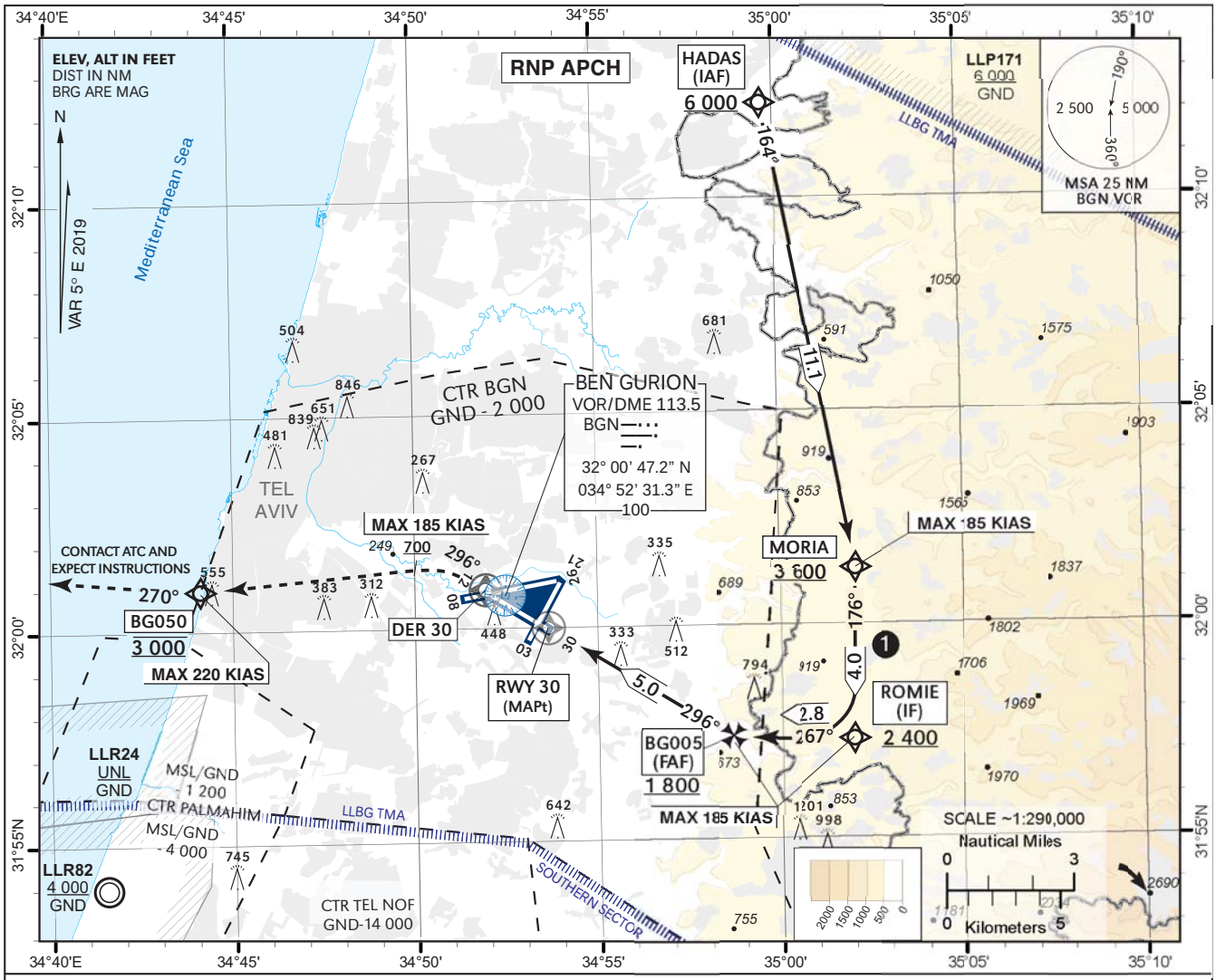
INSTRUMENT APPROACH CHART - ICAO

AERODROME ELEV **134 ft**
HEIGHTS RELATED TO
THR RWY 30 - ELEV **130 ft**

TA 18 000

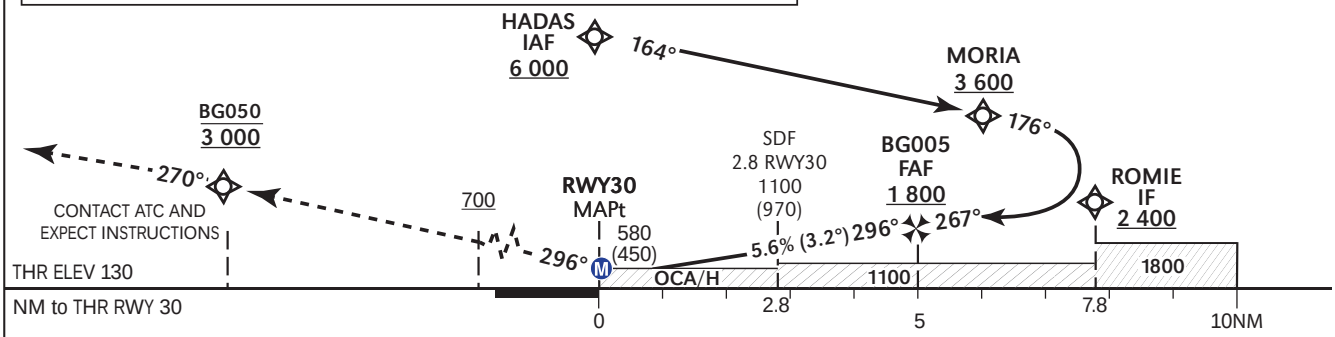
ATIS ARRIVAL	132.50
ARR	131.10
TWR	134.60

TEL-AVIV / BEN-GURION (LLBG)
RNP W RWY 30



MISSED APPROACH:

Initial climb **3 000**. Climb on course **296°**. At or above **700**, turn **LEFT** (MAX 185 KIAS), Not before **DER 30**, direct to **BG050** at **3 000** (MAX 220 KIAS). Continue on track **270°**, contact **ATC** and expect instructions.
BG050 at **3 000** requires a **5.6%** minimum climb gradient due to airspace restrictions, if unable inform **ATC**.



OCA (OCH)		A	B	C	D
STA	LNAV	580(450)			
CIRCLING		N/A			
RWY30		2	3	4	5
ALT (HGT)		860(730)	1 200(1 070)	1 540(1 410)	1 880(1 750)

GS	kt	80	100	120	140	160	180
ROD: 5.6%	ft/min	453	567	680	792	905	1 020

❶ **VFR** traffic may be present at low altitude max **1300 QNH** between **WPT ROMIE** and **BG005**.

CHANGES: New chart.

Procedure: RNP W RWY 30

Navigation Specification	Path Descriptor (Recommended)	Waypoint Identifier	Latitude Longitude	Flyover	Course/ Track M° (T°)	Turn Direction	Distance (NM)	Altitude (ft)	Speed (Kts)	Remarks
RNAV 1	IF	HADAS	32° 12' 13.0"N 034° 59' 40.0" E					+6 000		IAF
RNAV 1	TF	MORIA	32° 01' 18.93"N 035° 02' 05.66" E		165 (169.3)		11.1	+3 600	-185	
RNAV 1	TF	ROMIE	31° 57' 18.5"N 035° 02' 00.7" E		176 (181.0)	R	4.0	+2 400	-185	IF
RNP APCH	TF	BG005	31° 57' 23.3"N 34° 58' 40.2" E		267 (271.6)	R	2.8	+1 800	-185	FAF
RNP APCH	TF	RWY30	31° 59' 59.88"N 034° 53' 39.12" E	Y	296 (301.4)	R	5.0	+180	-185	MAPt

Standard missed approach

Navigation Specification	Path Descriptor (Recommended)	Waypoint Identifier	Latitude Longitude	Flyover	Course/ Track M° (T°)	Turn Direction	Distance (NM)	Altitude (ft)	Speed (Kts)	Remarks
RNP APCH	TF	DER30	32° 00' 51.14"N 034° 52' 00.56" E	Y	296 (301.4)		1.7	+700	-185	
RNAV 1	CA	-			296 (301.4)			+700	-185	
RNAV 1	DF	BG050	32° 00' 55.9" N 034° 44' 05.9" E			L		@3 000	-220	
RNAV 1	FM				270 (275.4)	R		@3 000		

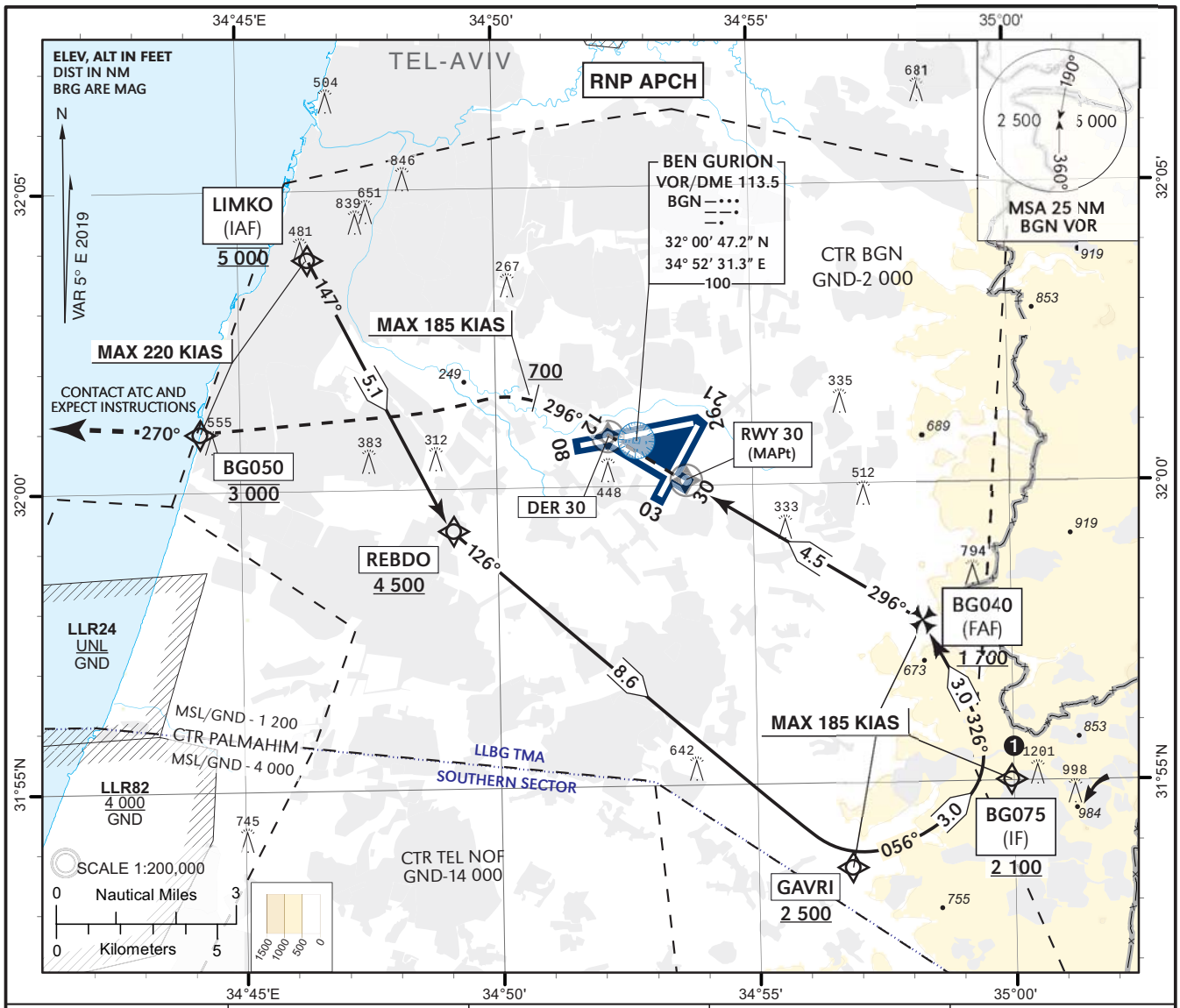
Non Precision Final Approach – Slope (Descent angle)	5.6% (3.2°)

INSTRUMENT APPROACH CHART - ICAO

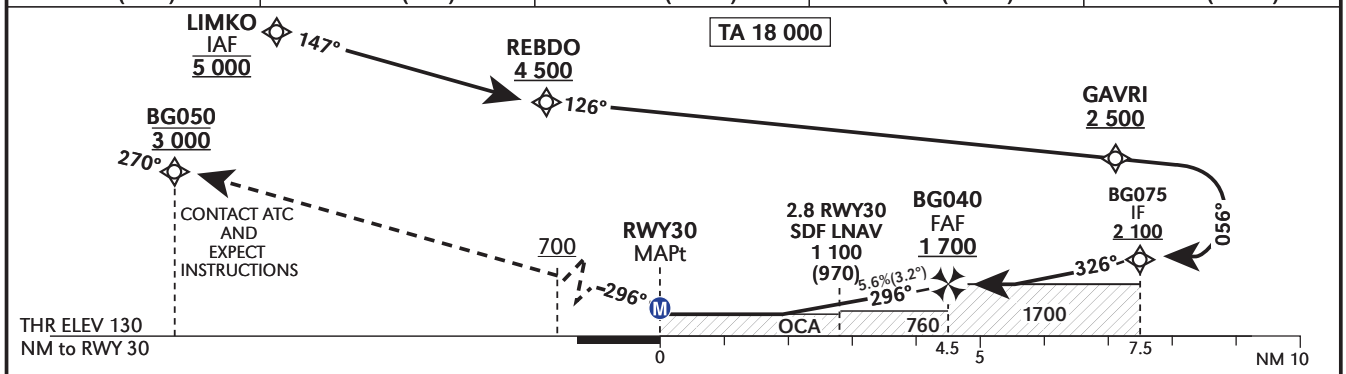
AD ELEV **134 ft**
HEIGHTS RELATED TO THR RWY 30 ELEV **130 ft**

ATIS Arrival	132.50
APP	120.50
TWR	134.60

TEL-AVIV/BEN-GURION (LLBG)
RNP X RWY 30



DIST THR	2	3	4	4.5
ALT (HGT)	870 (740)	1 210 (1 080)	1 550 (1 420)	1 700 (1 570)



MISSED APPROACH: Initial climb **3 000**. Climb on course **296°**, at or above **700**, Not before **DER 30**, turn **LEFT (MAX 185 KIAS)** direct to **BG050** at **3 000** **(MAX 220 KIAS)**. Continue on track **270°** at **3 000**, contact **ATC** and expect instructions.

BG050 at **3 000** requires a **5.6%** minimum climb gradient due to airspace restrictions, if unable inform **ATC**.

❶ **VFR** traffic may be present East of **WPT BG075** and South of **WPT GAVRI**.

OCA (OCH)			A	B	C	D
LNAV	2.5%		580 (450)			
CIRCLING			N/A			
GS	kt	80	100	120	140	160	180
ROD: 5.6%	ft/min	453	567	680	794	907	1020

CHANGES: Freq., MSA, speed restriction @BG050, communication failure withdrawn

Procedure: RNP X RWY 30

Navigation Specification	Path Descriptor (Recommended)	Waypoint Identifier	Latitude Longitude	Flyover	Course/ Track M° (T°)	Turn Direction	Distance (NM)	Altitude (ft)	Speed (Kts)	Remarks
RNAV 1	IF	LIMKO	32° 03' 48.0" N 034° 46' 18.0" E	-		-	-	@5 000	-220	IAF
RNAV 1	TF	REBDO	31° 59' 17.0" N 034° 49' 04.0" E	-	147 (152.4)	-	5.1	+4 500	-	
RNAV 1	TF	GAVRI	31° 53' 35.1" N 034° 56' 43.6" E	-	126 (131.1)	L	8.6	+2 500	-185	
RNAV 1	TF	BG075	31° 55' 01.3" N 034° 59' 49.3" E	-	056 (061.4)	L	3.0	+2 100	-185	IF
RNP APCH	TF	BG040	31° 57' 39.8" N 034° 58' 08.2" E	-	326 (331.4)	L	3.0	+1 700	-185	FAF
RNP APCH	TF	RWY30	31° 59' 59.9" N 034° 53' 39.1" E	Y	296 (301.4)	L	4.5	+180	-185	MAPt

Standard missed approach

Navigation Specification	Path Descriptor (Recommended)	Waypoint Identifier	Latitude Longitude	Flyover	Course/ Track M° (T°)	Turn Direction	Distance (NM)	Altitude (ft)	Speed (Kts)	Remarks
RNP APCH	TF	DER30	32° 00' 51.1" N 034° 52' 00.6" E	Y	296 (301.4)	L	1.7	+700	-185	
RNAV 1	CA	-		-	296 (301.4)		-	+700	-185	
RNAV 1	DF	BG050	32° 00' 55.9" N 034° 44' 05.9" E	-		L	-	@3 000	-220	
RNAV 1	FM	BG050	32° 00' 55.9" N 034° 44' 05.9" E	-	270 (275.4)	R	-	@3 000		

Non Precision Final Approach – Slope (Descent angle)	5.60% (3.20°)

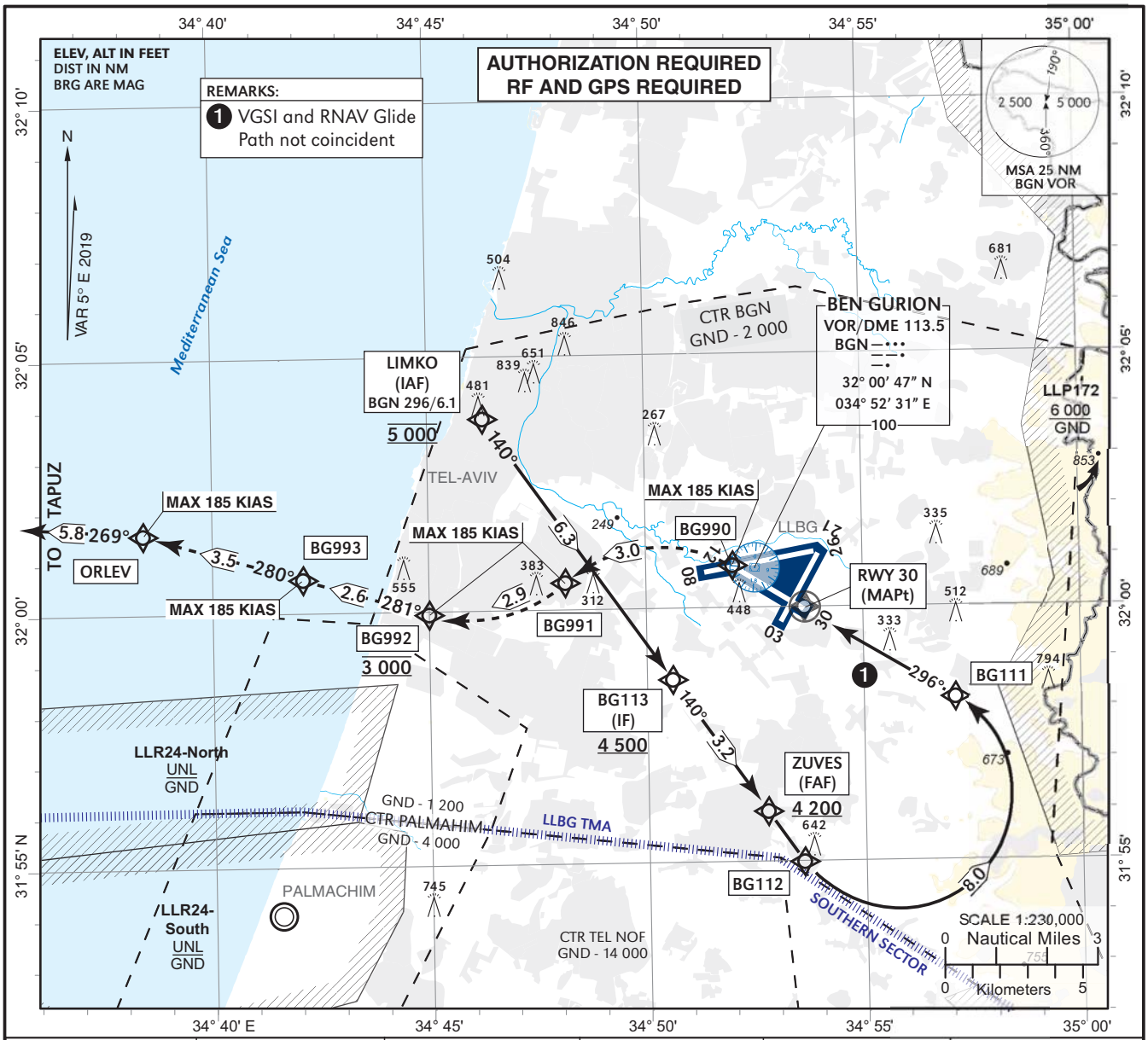
INSRUMENT APPROACH CHART - ICAO

AD ELEV **134 ft**
HEIGHTS RELATED TO THR RWY 30 - ELEV **130 ft**

TRANSITION ALTITUDE 18 000

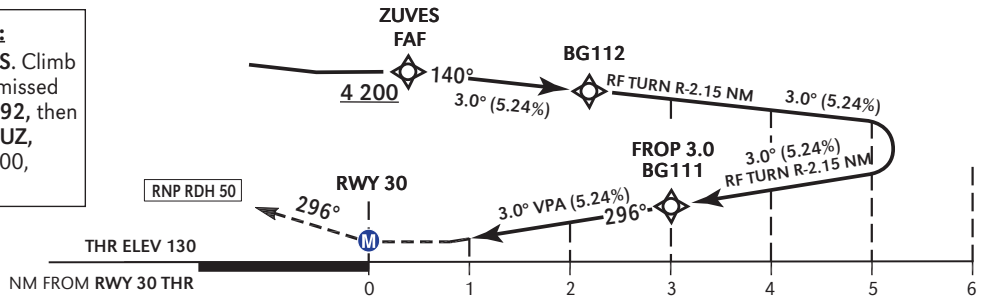
ATIS Arrival	132.50
APP	120.50
TWR	134.60

TEL-AVIV / BEN-GURION (LLBG)
RNP Y RWY 30 (AR)



RNP AR	2.0	3.0	4.0	5.0
ALT (HAT)	820 (690)	1 043 (1 013)	1 467 (1 337)	1 794 (1 664)

MISSED APPROACH:
Do not exceed **185 KIAS**. Climb **3 000** ft on the **RNAV** missed approach route to **BG992**, then to **BG993**, **ORLEV**, **TAPUZ**, **DIRAN** at or above 5 000, and hold.



	RNP AR Approach RNP 0.3 Approach DA (H) 410 (280)	Circling
A B C D	VIS - 1200 m	NOT AUTHRIZED

GS	KT	90	100	120	140	160	180
Rate of descent	FPM	477	530	636	743	849	955

1. SPECIAL AIRCRAFT & AIRCREW CERTIFICATION REQUIRED. 2. RF and GPS required
3. For uncompensated Baro-VNAV systems, procedure NA below 9°C and above 54°C.

CHANGES: MSA, WPT name and BNG changed.

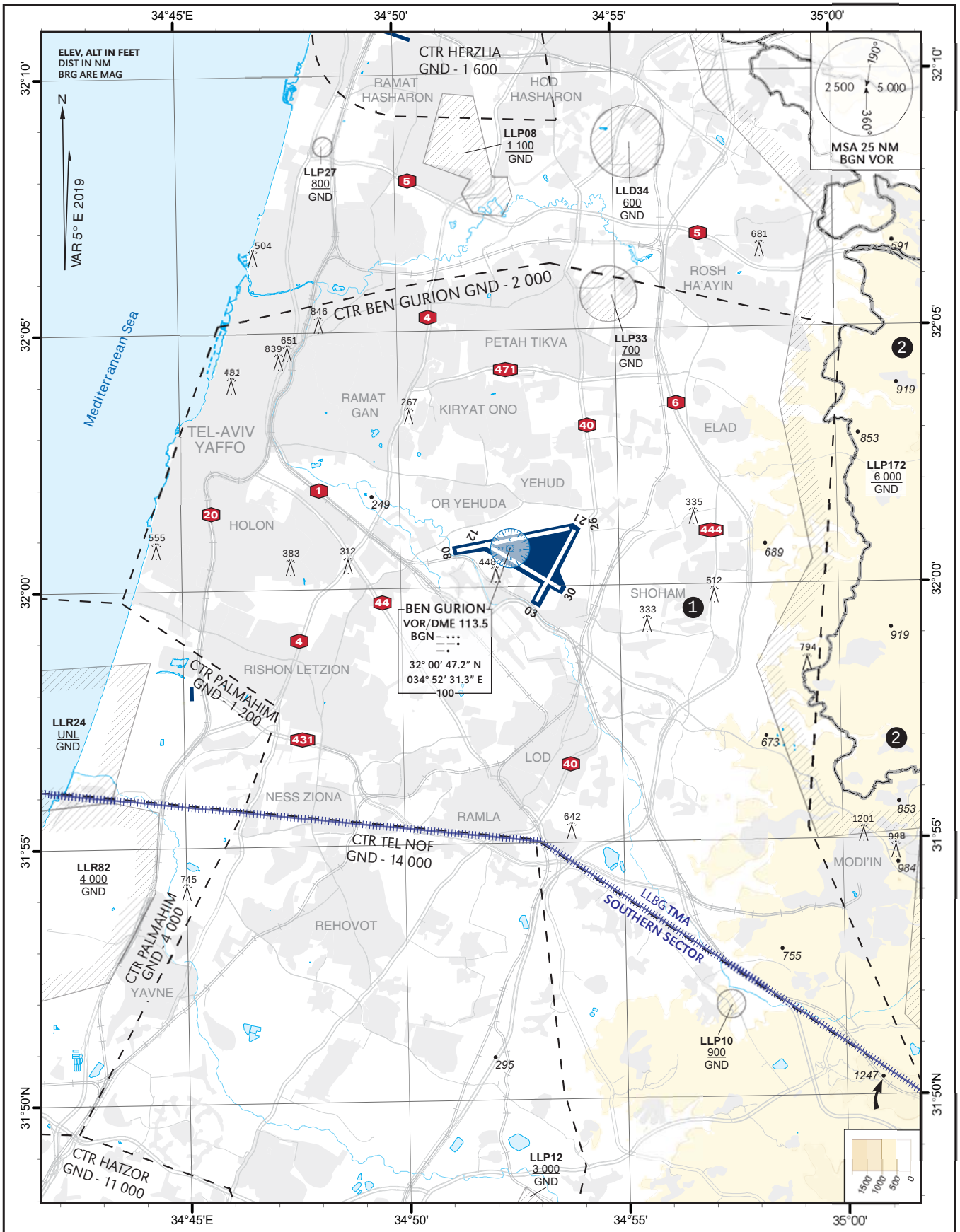
Procedure: RNP Y RWY 30 (AR)

SERIAL NUMBER	Nav. Spec. RNP	Path Descriptor (recommended)	WPT Name	Lat./Long	Fly over/ by	Distance (NM)	Magnetic Course (Degrees)	Altitude (ft)	Speed (Kts)	VPA/ TCH	Turn Direction	Magnetic variation (Degrees)	Arc Radius (NM)	Arc Center Lat./ Long
1	1	IF	LIMKO (IAF)	32° 03' 48.0" N 034° 46' 18.0" E	FB	9.93	118.31	at 5 000	-220			- 4.5		
2	0.3	TF	BG113 (IF)	31° 58' 36.7" N 034° 50' 36.6" E	FB	6.34	140.16	+ 4 500	-220		R	- 4.5		
3	0.3	TF	ZUVES (FAF)	31° 56' 00.4" N 034° 52' 46.2" E	FB	3.18	140.2	+ 4 200			R	- 4.5		
4	0.3	TF	BG112	31° 55' 00.2" N 034° 53' 36.0" E	FB	1.22	140.23				R	- 4.5		
5	0.3	RF-LEFT	BG111	31° 58' 13.4" N 034° 57' 06.5" E	FB	7.97					L	- 4.5	2.24	BG711 31° 56' 18.0" N 034° 55' 45.0" E
6	0.3	TF	RWY30	31° 59' 59.7" N 034° 53' 39.1" E	FO	3.43	296.51			3.0/50	L	- 4.5		
7	0.3	TF	BG990	32° 00' 50.3" N 034° 52' 00.2" E	FB	1.63	296.48		-185		L	- 4.5		
8	0.4	RF-LEFT	BG991	32° 00' 32.8" N 034° 48' 08.35" E	FB	3.53			-185		L	- 4.5	2.8	BG712 31° 58' 25.7" N 034° 50' 18.4" E
9	0.6	RF-RIGHT	BG992	31° 59' 57.3" N 034° 45' 00.0" E	FB	2.85		at 3 000	-185		R	- 4.5	2.85	BG713 32° 02' 42.0" N 034° 45' 56.0" E
10	0.8	TF	BG993	32° 00' 40.0" N 034° 42' 06.9" E	FB	2.55	281.15		-185		R	- 4.5		
11	1	TF	ORLEV	32° 01' 35.0" N 034° 38' 12.0" E	FB	3.5	280.3		-185		L	- 4.5		
12	1	TF	TAPUZ	32° 01' 57.0" N 034° 31' 24.0" E	FB	5.8	268.65		-185		R	- 4.5		
13	1	TF	DIRAN	32° 13' 55.0" N 034° 27' 27.0" E	FB	12.4	339.32	+ 5 000	-185			- 4.5		
14	1	HM	DIRAN	32° 13' 55.0" N 034° 27' 27.0" E	FB		119	+ 5 000	-185			- 4.5		

VISUAL APPROACH CHART-ICAO AD ELEV **134 ft**

ATIS Arrival	132.50
APP	120.50
TWR	134.60

TEL- AVIV / BEN GURION (LLBG)



REMARKS:

1. Flying over **SHOHAM** populated area should be avoided.
2. **VFR** traffic crossing from South to North and vice versa at max 1 300 **QNH EAST** of **AD.**

SCALE ~1:192,000
0 Nautical Miles 3
0 Kilometers 5

CHANGES: MSA, MAG VAR, Freq., Obstacles, background information

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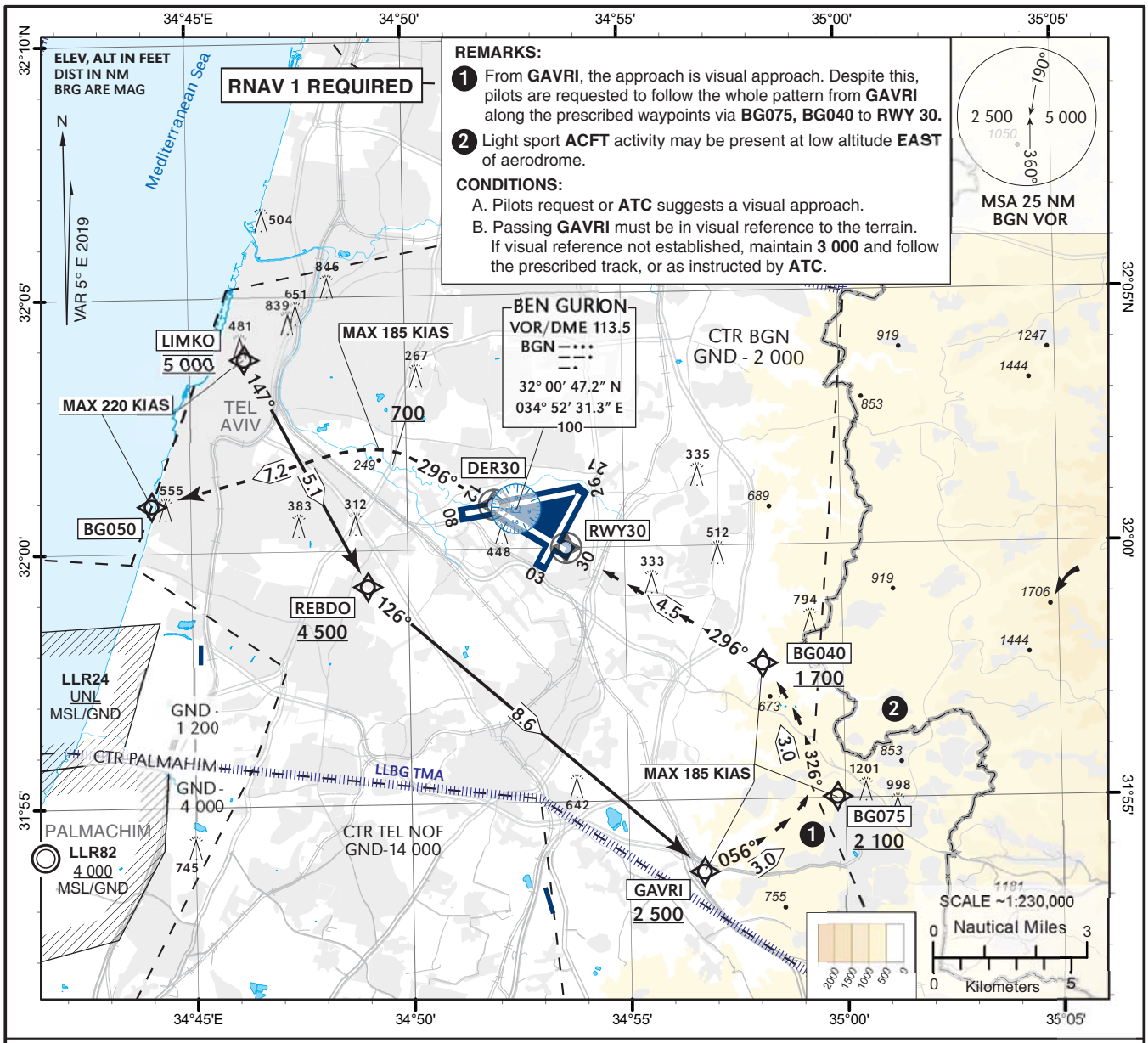
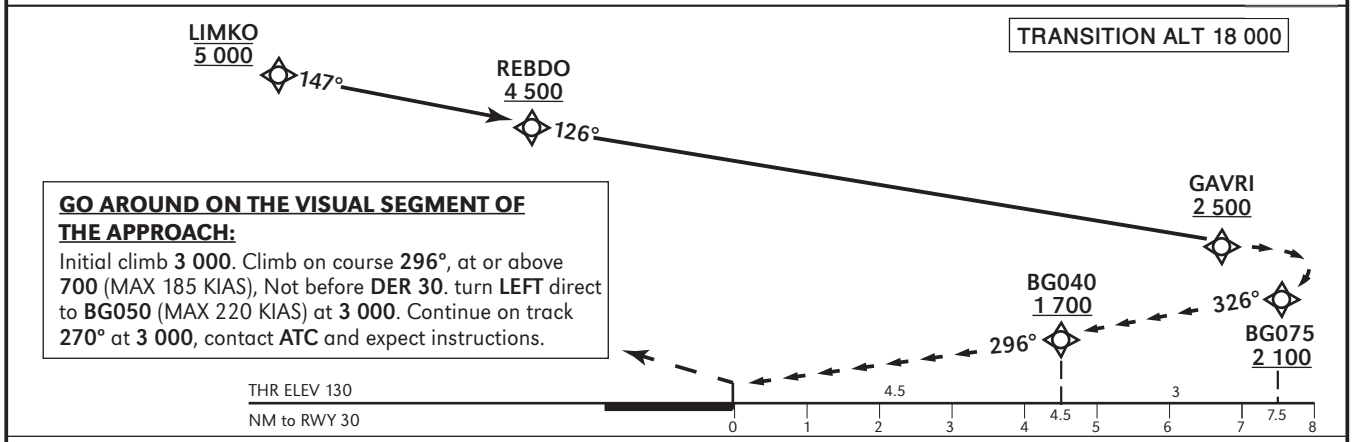
VISUAL
APPROACH CHART - ICAO
(with prescribed RNAV track)

AERODROME ELEV **134 ft**
HEIGHTS RELATED TO
THR RWY 30 - ELEV **130 ft**

ATIS Arrival	132.50
APP	120.50
TWR	134.60

TEL-AVIV / BEN-GURION (LLBG)
GAVRI APPROACH RWY 30





GO AROUND ON THE VISUAL SEGMENT OF THE APPROACH:
Initial climb **3 000**. Climb on course **296°**, at or above **700** (MAX 185 KIAS), Not before **DER 30**. turn **LEFT** direct to **BG050** (MAX 220 KIAS) at **3 000**. Continue on track **270°** at **3 000**, contact **ATC** and expect instructions.

VISUAL APPROACH RWY 30
CEILING - 3 000

CHANGES: Chart number, speed restriction @BG050, LLR24 south changed to LLR82.

LLBG - GAVRI VISUAL RNAV RWY 30

Navigation Specification	Path Descriptor (Recommended)	Waypoint Identifier	Latitude Longitude	Fly-Over	Course/Track M° (T°)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (Kts)	Remarks
RNAV1	IF	LIMKO	32° 03' 48.0" N 034° 46' 18.0" E					@5 000	-220	
RNAV1	TF	REBDO	31° 59′ 17.0″ N 034° 49′ 04.0″ E		147 (152.4)	5.1		+4 500		
RNAV1	TF	GAVRI	31° 53′ 35.1″ N 034° 56′ 43.6″ E		126 (131.1)	8.6	L	+2 500	-185	
RNAV1	TF	BG075	31° 55′ 01.3″ N 034° 59′ 49.3″ E		056 (061.4)	3.0	L	+2 100	-185	
RNAV1	TF	BG040	31° 57′ 39.8″ N 034° 58′ 08.2″ E		326 (331.4)	3.0	L	+1 700	-185	
RNAV1	TF	RWY30	31° 59′ 59.9″ N 034° 53′ 39.1″ E	Y	296 (301.4)	4.5	L	+180	-185	

Go Around

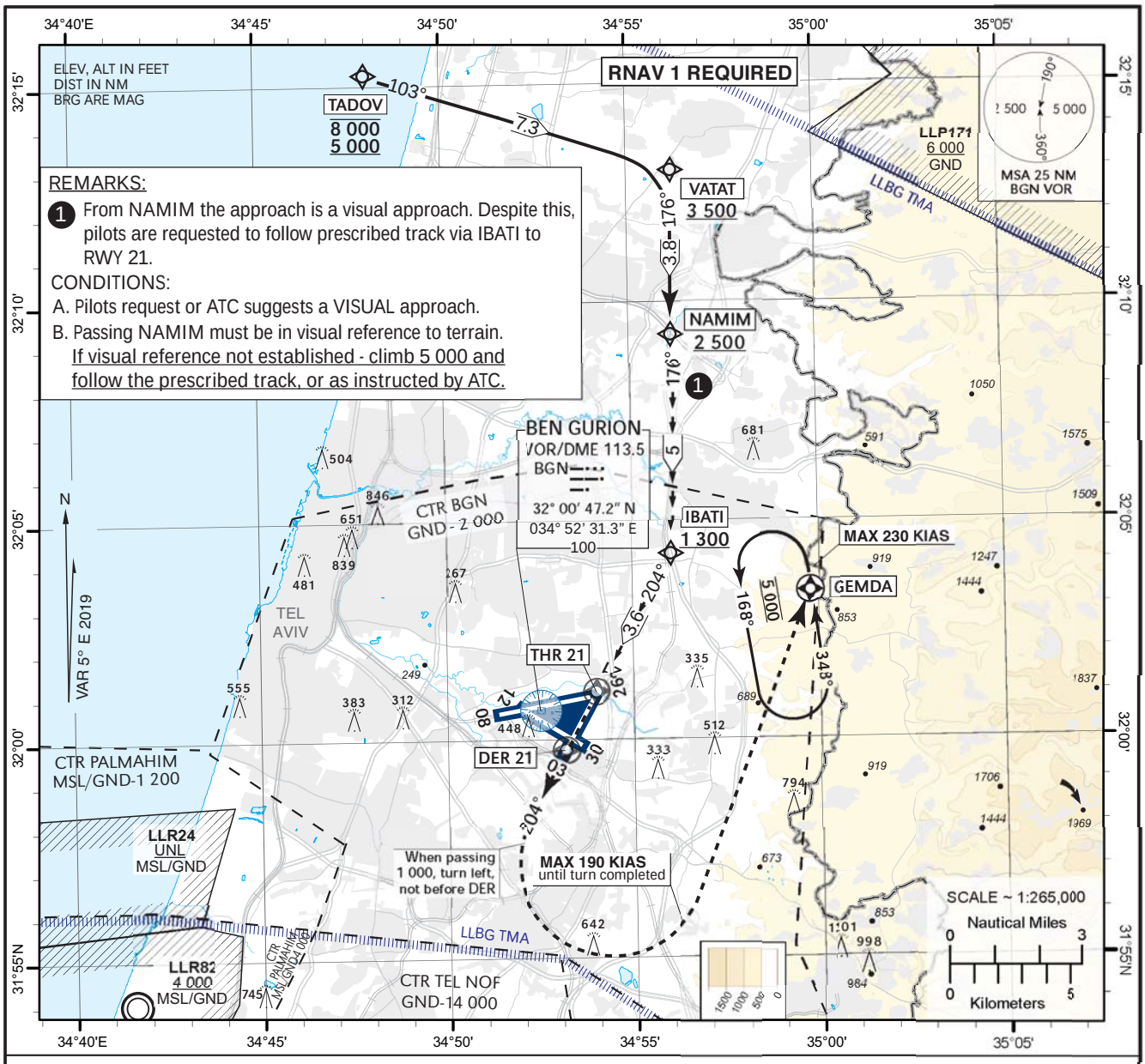
Navigation Specification	Path Descriptor (Recommended)	Waypoint Identifier	Latitude Longitude	Fly-Over	Course/Track M° (T°)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (Kts)	Remarks
RNAV1	TF	DER30	32° 00' 51.1" N 034° 52' 00.6" E	Y	296 (301.4)	1.7		+700	−185	
RNAV1	CA				296 (301.4)			+700	−185	
RNAV1	DF	BG050	32° 00′ 55.9″ N 034° 44′ 05.9″ E				L	@3 000	−220	
RNAV1	FM	BG050	32° 00′ 55.9″ N 034° 44′ 05.9″ E		270 (275.4)		R	@3 000		

VISUAL APPROACH CHART
(With prescribed RNAV track)

AERODROME ELEV **134 ft**
HEIGHTS RELATED TO
THR RWY 21 - ELEV **134 ft**

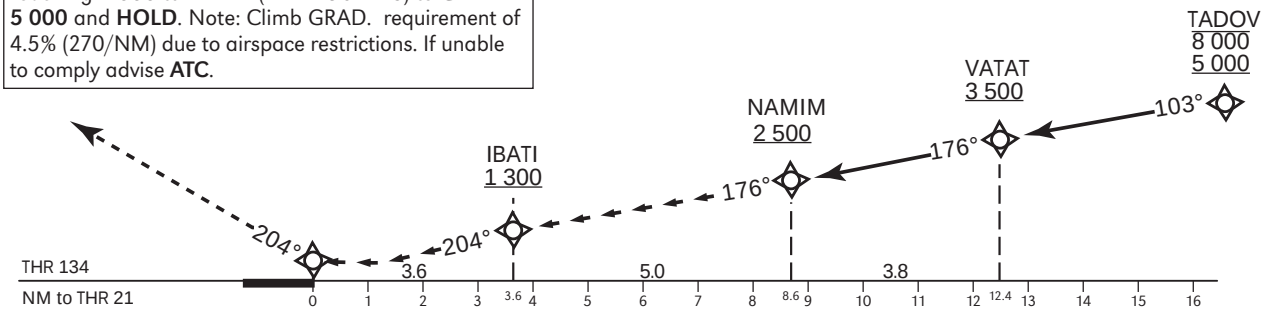
ARR	131.10
TMA	119.50
TWR	132.10

TEL-AVIV / BEN-GURION (LLBG)
NAMIM APPROACH
RWY 21



GO AROUND:
Initial climb **5 000**. Climb straight to **DER 21**. Upon reaching **1 000** turn **LEFT** (MAX 190 KIAS) to **GEMDA 5 000** and **HOLD**. Note: Climb GRAD. requirement of 4.5% (270/NM) due to airspace restrictions. If unable to comply advise **ATC**.

TRANSITION ALTITUDE 18 000



VISUAL APPROACH RWY 21

CEILING

2 500

CHANGES: Path Descriptor @ WPT GEMDA , chart numbering

LLBG - NAMIM VISUAL RNAV RWY 21

Navigation Specification	Path Descriptor (Recommended)	Waypoint Identifier	Latitude Longitude	Fly-Over	Course/Track M° (T°)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (Kts)	Remarks
RNAV1	IF	TADOV	32° 15' 15" N 034°48' 00" E					-8 000 +5 000	-230	
RNAV1	TF	VATAT	32° 13′ 00″ N 034° 56′ 13″ E		103 (107.8)	7.3		+3 500		
RNAV1	TF	NAMIM	32° 09′ 15″ N 034° 56′ 09″ E		176 (180.9)	3.8	R	+2 500		
RNAV1	TF	IBATI	32° 04′ 15″ N 034° 56′ 03″ E		176 (180.9)	5.0		+1 300		
RNAV1	TF	THR21	32° 01′ 05.25″ N 034° 54′ 00.81″ E	Y	204 (208.98)	3.6	R	+183		

Go Around

Navigation Specification	Path Descriptor (Recommended)	Waypoint Identifier	Latitude Longitude	Fly-Over	Course/Track M° (T°)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (Kts)	Remarks
RNAV1	TF	DER21	31° 59' 46.40"N 034° 53' 09.89" E	Y	204 (208.9)			+1 000	-190	
RNAV1	CA				204 (208.9)			+1 000	-190	
RNAV1	DF	GEMDA	32° 03′ 26″ N 034° 59′ 48″ E	Y			L	@5 000	-190	
RNAV1	HM	GEMDA	32° 03′ 26″ N 034° 59′ 48″ E		348 (353)		L	@5 000	-230	

Holding Identification

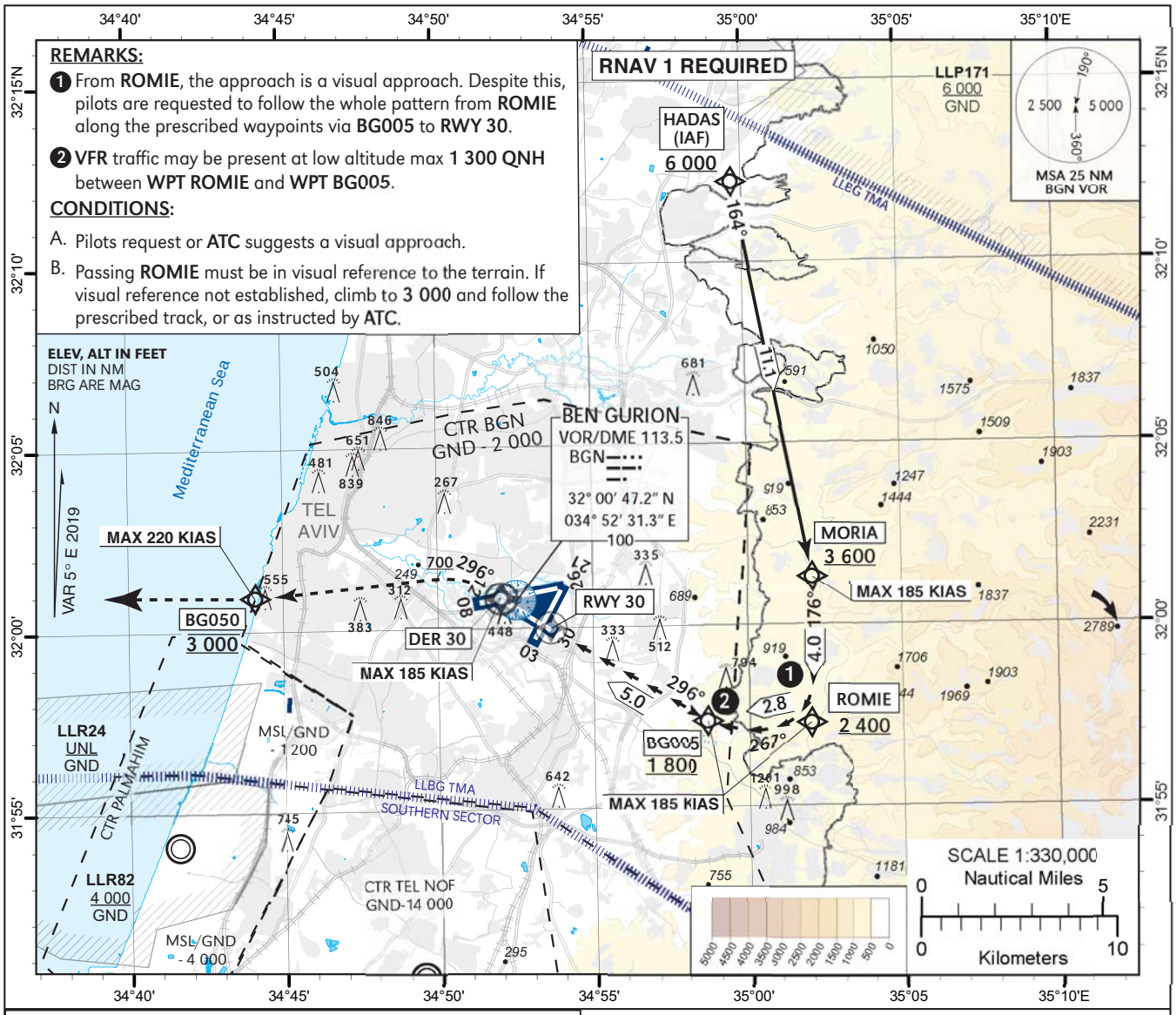
Holding Fix	Latitude Longitude	Inbound Course/Track M° (T°)	MAX IAS (Kts)	Altitude (ft)	Outbound Time / Distance	Turn Direction
GEMDA	32° 03′ 26″ N 034° 59′ 48″ E	348 (353)	-230	@5 000	1 Min	L

VISUAL APPROACH CHART (with prescribed RNAV track)

AERODROME ELEV **134 ft**
HEIGHTS RELATED TO THR RWY 30 - ELEV **130 ft**

ATIS ARRIVAL	132.50
ARR	131.10
TWR	134.60

TEL-AVIV / BEN-GURION (LLBG)
ROMIE APPROACH RWY 30



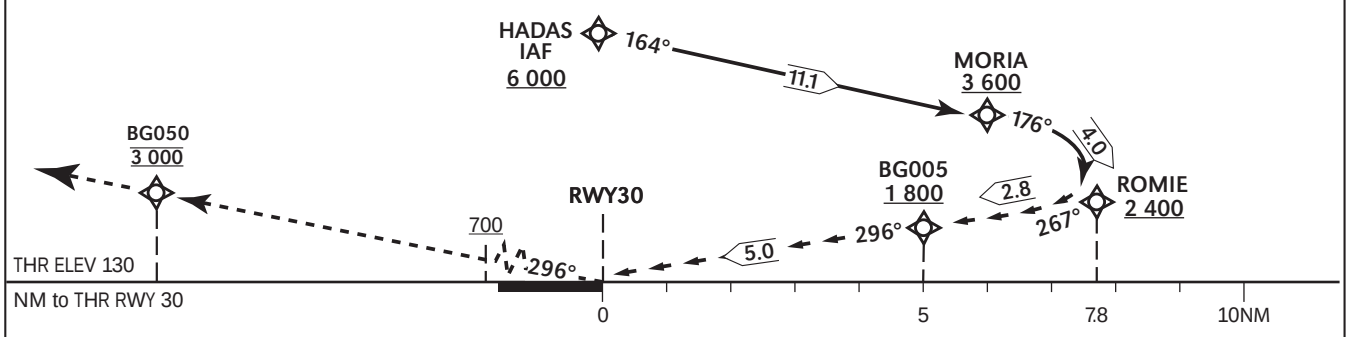
GO AROUND ON THE VISUAL SEGMENT OF THE APPROACH:

Initial climb **3 000**. Climb on course **296°**. At or above **700** (**MAX 185 KIAS**), Not before **DER 30**, turn **LEFT** direct to **BG050** at **3 000** (**MAX 220 KIAS**).
Continue on track **270°**, contact **ATC** and expect instructions.

Recommended crossing altitudes

RWY30	2	3	4	5
ALT (HGT)	860 (730)	1 200 (1 070)	1 540 (1 410)	1 880 (1 750)

TA 18 000



VISUAL APPROACH RWY 30

CEILING - 2500

CHANGES: New chart

LLBG - ROMIE VISUAL RNAV RWY 30

Navigation Specification	Path Descriptor (Recommended)	Waypoint Identifier	Latitude Longitude	Flyover	Course/ Track M° (T°)	Turn Direction	Distance (NM)	Altitude (ft)	Speed (Kts)	Remarks
RNAV 1	IF	HADAS	32° 12′ 13.0″N 034° 59′ 40.0″ E					+6 000	-	IAF
RNAV 1	TF	MORIA	32° 01′ 18.93″N 035° 02′ 05.66″ E		164 (169.3)		11.1	+3 600	-185	
RNAV 1	TF	ROMIE	31° 57′ 18.5″N 035° 02′ 00.7″ E		176 (181.0)	R	4.0	+2 400	-185	IF
RNAV 1	TF	BG005	31° 57′ 23.3″N 34° 58′ 40.2″ E		267 (271.6)	R	2.8	+1 800	-185	FAF
RNAV 1	TF	RWY30	31° 59' 59.88"N 034° 53' 39.12" E	Y	296 (301.4)	R	5.0	+180	-185	MAPt

Go Around

Navigation Specification	Path Descriptor (Recommended)	Waypoint Identifier	Latitude Longitude	Flyover	Course/ Track M° (T°)	Turn Direction	Distance (NM)	Altitude (ft)	Speed (Kts)	Remarks
RNAV 1	TF	DER30	32° 00' 51.14"N 034° 52' 00.56" E	Y	296 (301.4)		1.7	+700	-185	
RNAV 1	CA				296 (301.4)			+700	-185	
RNAV 1	DF	BG050	32° 00' 55.9" N 034° 44' 05.9" E			L		@3 000	-220	
RNAV 1	FM				270 (275.4)	R		@3 000		

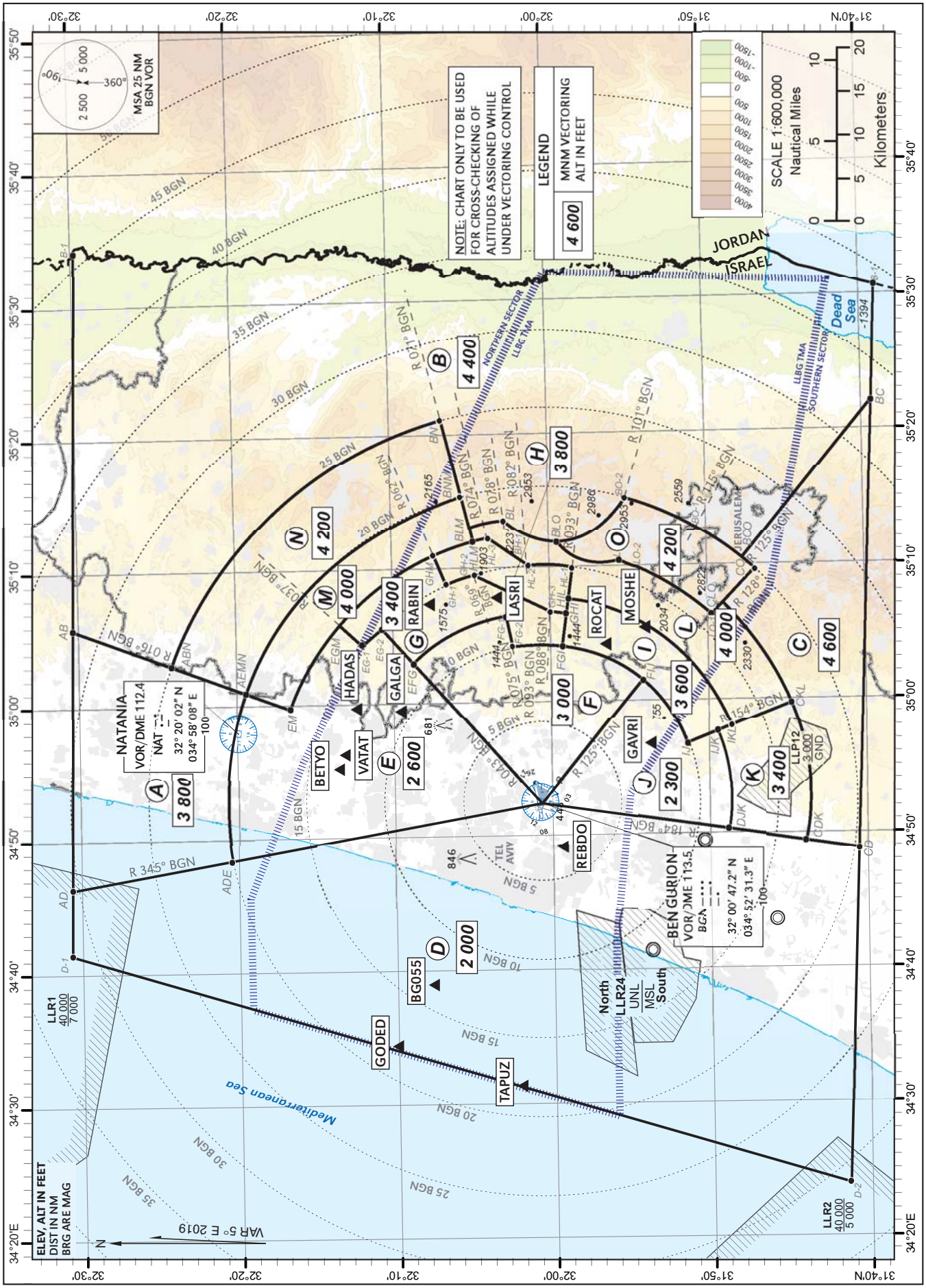
ATC SURVEILLANCE MINIMUM ALTITUDE CHART - ICAO

TRANSITION LEVEL 200

AD ELEV **134 ft**

ACC	121.40
TMA	119.50
APP ARR	131.10
TWR ARR	132.10

TEL-AVIV / BEN-GURION (LLBG)



CHANGES: revised chart

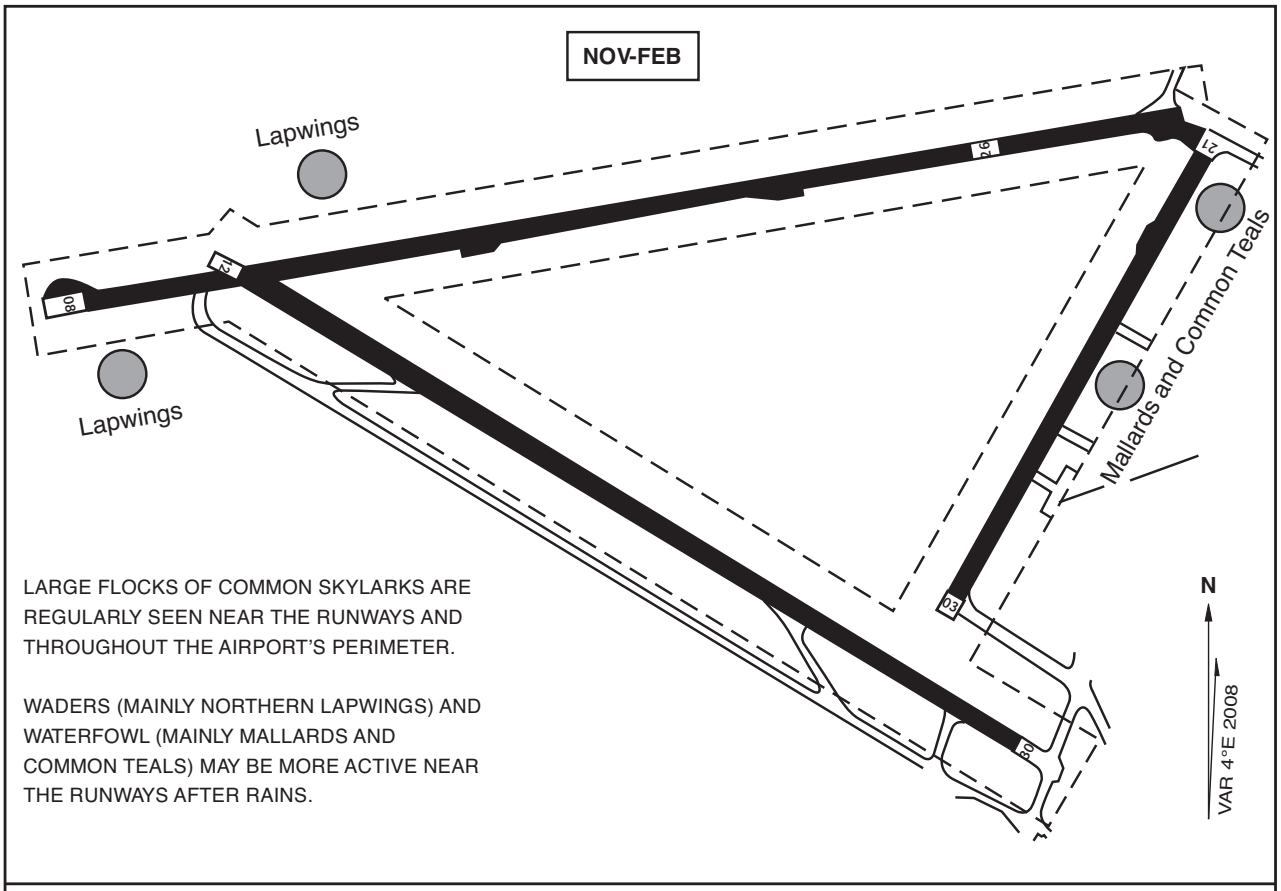
Sectors definition

SECTOR	COORDINATES	REMARK
A	32° 30' 43.4"N 034° 46' 17.4"E	
	32° 30' 25.3"N 035° 05' 57.0"E	
	32° 24' 10.0"N 035° 03' 06.2"E	
	32° 19' 29.5"N 035° 00' 58.8"E	
	32° 20' 31.3"N 034° 48' 25.3"E	
	32° 30' 43.4"N 034° 46' 17.4"E	
B	32° 30' 25.3"N 035° 05' 57.1"E	BGN R-016 / 31.7 DME
	32° 29' 54.5"N 035° 33' 39.9"E	North-East sector border
	31° 39' 04.7"N 035° 30' 49.1"E	South-East sector border
	31° 39' 24.4"N 035° 22' 13.7"E	BGN R-125 / 33.1 DME
	31 °47' 52.9"N 035° 10' 29.4"E	BGN R-125 / 20.0 DME
	31° 55' 13.7"N 035° 15' 06.6"E	BGN R-101 / 20.0 DME
	31 °59' 38.2"N 035° 11' 59.3"E	
	32° 02' 57.3"N 035° 13' 32.5"E	BGN R-078 / 18.0 DME
	32° 05' 07.4"N 035° 13' 04.8"E	BGN R-071 / 18.0 DME
	32° 05' 36.1"N 035° 15' 21.9"E	BGN R-071 / 20.0 DME
	32° 06' 47.6"N 035° 21' 05.0"E	BGN R-071 / 25.0 DME
	32° 24' 10.0"N 035° 03' 06.2"E	BGN R-016 / 25.0 DME
C	31° 39' 24.4"N 035° 22' 13.7"E	BGN R-125 / 33.1 DME
	31° 40' 39.6"N 034° 48' 47.6"E	BGN R-184 / 20.3 DME
	31° 43' 57.6"N 034° 49' 24.2"E	BGN R-184 / 17.0 DME
	31° 44' 52.7"N 034° 59' 40.0"E	BGN R-154 / 17.0 DME
	31° 49' 09.2"N 035° 07' 06.8"E	BGN R-128 / 17.0 DME
	31° 47' 05.9"N 035° 09' 41.0"E	BGN R-128 / 20.0 DME
	31° 47' 52.9"N 035° 10' 29.4"E	BGN R-125 / 20.0 DME
D	32° 30' 47.5"N 034° 41' 21.6"E	
	32° 30' 43.4"N 034° 46' 17.4"E	
	32° 20' 31.3"N 034° 48' 25.3"E	
	32° 00' 47.2"N 034° 52' 31.3"E	
	31° 48' 54.5"N 034° 50' 19.1"E	
	31° 40' 39.5"N 034° 48' 47.6"E	
	31° 41' 29.3"N 034° 23' 48.9"E	
	32° 30' 47.5"N 034° 41' 21.6"E	
E	32° 00' 47.2"N 034° 52' 31.3"E	BGN DVOR/DME
	32° 20' 31.4"N 034° 48' 25.3"E	BGN R-345 / 20.0 DME
	32° 19' 29.5"N 035° 00' 58.8"E	BGN R-016 / 20.0 DME
	32° 16' 41.2"N 034° 59' 42.5"E	BGN R-016 / 17.0 DME
	32° 13' 26.1"N 035° 05' 55.9"E	BGN R-037 / 17.0 DME
	32° 11' 56.9"N 035° 04' 21.0"E	BGN R-037 / 15.0 DME
	32° 10' 50.0"N 035° 05' 39.4"E	BGN R-043 / 15.0 DME
	32° 08' 49.5"N 035° 03' 01.5"E	BGN R-043 / 12.0 DME
F	32° 00' 47.2"N 034° 52' 31.3"E	BGN DVOR/DME
	32° 08' 49.5"N 035° 03' 01.5"E	BGN R-043 / 12.0 DME
	32° 02' 51.7"N 035° 06' 25.6"E	BGN R-075 / 12.0 DME
	32° 02' 31.1"N 035° 04' 06.5"E	BGN R-075 / 10.0 DME
	31° 59' 23.0"N 035° 04' 09.9"E	BGN R-093 / 10.0 DME
	31° 54' 20.4"N 035° 01' 31.2"E	BGN R-125 / 10.0 DME

SECTOR	COORDINATES	REMARK
G	31° 59' 23.0"N 035° 04' 09.9"E	BGN R-093 / 10.0 DME
	32° 02' 31.1"N 035° 04' 06.5"E	BGN R-075 / 10.0 DME
	32° 02' 51.7"N 035° 06' 25.6"E	BGN R-075 / 12.0 DME
	32° 08' 49.5"N 035° 03' 01.5"E	BGN R-043 / 12.0 DME
	32° 10' 50.0"N 035° 05' 39.4"E	BGN R-043 / 15.0 DME
	32° 11' 56.9"N 035° 04' 21.0"E	BGN R-037 / 15.0 DME
	32° 13' 26.1"N 035° 05' 55.9"E	BGN R-037 / 17.0 DME
	32° 07' 25.2"N 035° 10' 56.9"E	BGN R-062 / 17.0 DME
	32° 06' 38.6"N 035° 08' 46.7"E	BGN R-062 / 15.0 DME
	32° 04' 54.7"N 035° 09' 29.6"E	BGN R-069 / 15.0 DME
	32° 00' 08.7"N 035° 06' 36.9"E	BGN R-088 / 12.0 DME
	31° 59' 06.0"N 035° 06' 29.6"E	BGN R-093 / 12.0 DME
H	32° 06' 38.5"N 035° 08' 46.7"E	
	32° 07' 25.2"N 035° 10' 56.9"E	
	32° 04' 52.9"N 035° 11' 56.1"E	
	32° 04' 00.7"N 035° 12' 09.5"E	
	32° 01' 33.1"N 035° 10' 08.5"E	
	31° 58' 40.4"N 035° 09' 59.1"E	
	31° 59' 06.0"N 035° 06' 29.6"E	
	32° 00' 08.6"N 035° 06' 36.8"E	
	32° 04' 54.6"N 035° 09' 29.5"E	
	32° 06' 38.5"N 035° 08' 46.7"E	
I	31° 59' 23.0"N 035° 04' 09.9"E	BGN R-093 / 10.0 DME
	31° 59' 06.0"N 035° 06' 29.6"E	BGN R-093 / 12.0 DME
	31° 58' 57.5"N 035° 07' 39.5"E	BGN R-093 / 13.0 DME
	31° 48' 37.3"N 034° 57' 59.3"E	BGN R-154 / 13.0 DME
	31° 49' 33.5"N 034° 57' 34.2"E	BGN R-154 / 12.0 DME
	31° 51' 25.8"N 034° 56' 43.8"E	BGN R-154 / 10.0 DME
	31° 54' 20.4"N 035° 01' 31.2"E	BGN R-125 / 10.0 DME
J	32° 00' 47.2"N 034° 52' 31.3"E	
	31° 54' 20.3"N 035° 01' 31.2"E	
	31° 51' 25.7"N 034° 56' 43.7"E	
	31° 49' 33.4"N 034° 57' 34.1"E	
	31° 48' 54.5"N 034° 50' 19.1"E	
	32° 00' 47.2"N 034° 52' 31.3"E	
K	31° 48' 54.5"N 034° 50' 19.1"E	
	31° 49' 33.4"N 034° 57' 34.1"E	
	31° 46' 45.0"N 034° 58' 49.6"E	
	31° 44' 52.7"N 034° 59' 39.9"E	
	31° 43' 57.5"N 034° 49' 24.2"E	
	31° 48' 54.5"N 034° 50' 19.1"E	

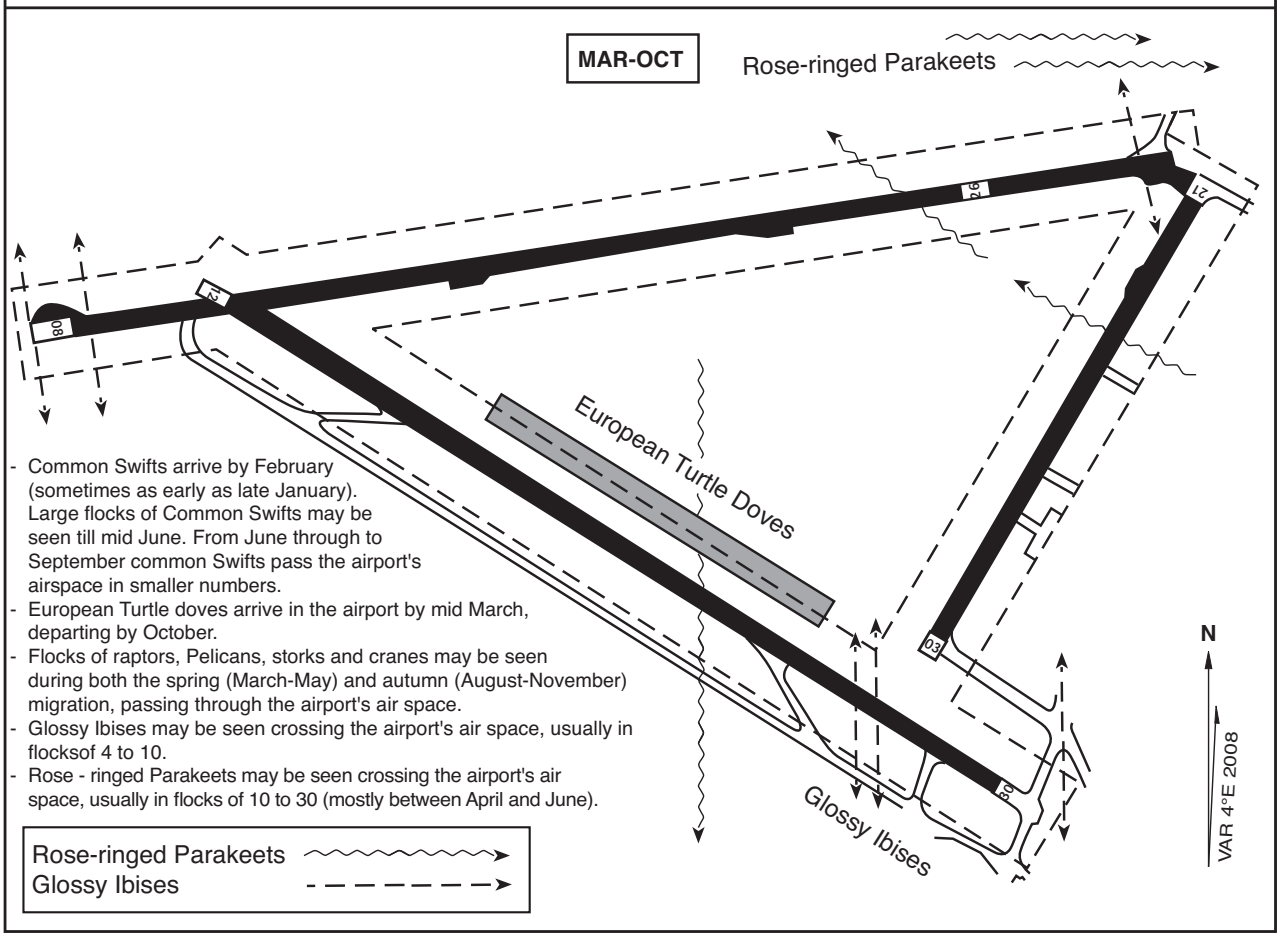
SECTOR	COORDINATES	REMARK
L	31° 44' 52.7"N 034° 59' 40.0"E	BGN R-154 / 17.0 DME
	31° 48' 37.3"N 034° 57' 59.3"E	BGN R-154 / 13.0 DME
	31° 58' 57.5"N 035° 07' 39.5"E	BGN R-093 / 13.0 DME
	31° 58' 40.5"N 035° 09' 59.1"E	BGN R-093 / 15.0 DME
	32° 01' 33.2"N 035° 10' 08.5"E	BGN R-082 / 15.0 DME
	32° 04' 00.7"N 035° 12' 09.6"E	BGN R-074 / 17.0 DME
	32° 04' 53.0"N 035° 11' 56.2"E	BGN R-071 / 17.0 DME
	32° 05' 07.4"N 035° 13' 04.8"E	BGN R-071 / 18.0 DME
	32° 02' 57.4"N 035° 13' 32.5"E	BGN R-078 / 18.0 DME
	31° 59' 38.2"N 035° 11' 59.3"E	
	31° 55' 43.4"N 035° 10' 26.8"E	
	31° 54' 41.2"N 035° 09' 54.9"E	
	31° 49' 50.4"N 035° 06' 15.4"E	BGN R-128 / 16.0 DME
	31° 49' 09.2"N 035° 07' 06.8"E	BGN R-128 / 17.0 DME
	31° 59' 36.0"N 035° 17' 44.9"E	R=4.9NM
	31° 56' 48.1"N 035° 14' 12.3"E	R=3.4NM
	31° 54' 01.4"N 035° 13' 21.1"E	R=3NM
M	32° 19' 29.5"N 035° 00' 58.8"E	
	32° 05' 36.0"N 035° 15' 21.9"E	
	32° 04' 52.9"N 035° 11' 56.1"E	
	32° 07' 25.2"N 035° 10' 56.9"E	
	32° 13' 49.5"N 035° 05' 24.2"E	
	32° 16' 41.2"N 034° 59' 42.4"E	
	32° 19' 29.5"N 035° 00' 58.8"E	
N	32° 24' 10.0"N 035° 03' 06.2"E	
	32° 06' 47.6"N 035° 21' 04.9"E	
	32° 05' 36.0"N 035° 15' 21.9"E	
	32° 19' 29.5"N 035° 00' 58.8"E	
	32° 24' 10.0"N 035° 03' 06.2"E	
O	31° 49' 09.2"N 035° 07' 06.8"E	BGN R-128 / 17.0 DME
	31° 49' 50.4"N 035° 06' 15.4"E	BGN R-128 / 16.0 DME
	31° 54' 41.2"N 035° 09' 54.9"E	
	31° 55' 43.4"N 035° 10' 26.8"E	
	31° 59' 38.2"N 035° 11' 59.3"E	
	31° 55' 13.7"N 035° 15' 06.6"E	BGN R-101 / 20.0 DME
	31° 50' 44.3"N 035° 12' 51.4"E	BGN R-115 / 20.0 DME
	31° 47' 52.9"N 035° 10' 29.4"E	BGN R-125 / 20.0 DME
	31° 47' 05.9"N 035° 09' 41.0"E	BGN R-128 / 20.0 DME

BIRD CONCENTRATIONS AND MOVEMENTS **TEL-AVIV / BEN GURION**



LARGE FLOCKS OF COMMON SKYLARKS ARE REGULARLY SEEN NEAR THE RUNWAYS AND THROUGHOUT THE AIRPORT'S PERIMETER.

WADERS (MAINLY NORTHERN LAPWINGS) AND WATERFOWL (MAINLY MALLARDS AND COMMON TEALS) MAY BE MORE ACTIVE NEAR THE RUNWAYS AFTER RAINS.



- Common Swifts arrive by February (sometimes as early as late January). Large flocks of Common Swifts may be seen till mid June. From June through to September common Swifts pass the airport's airspace in smaller numbers.
- European Turtle doves arrive in the airport by mid March, departing by October.
- Flocks of raptors, Pelicans, storks and cranes may be seen during both the spring (March-May) and autumn (August-November) migration, passing through the airport's air space.
- Glossy Ibises may be seen crossing the airport's air space, usually in flocksof 4 to 10.
- Rose - ringed Parakeets may be seen crossing the airport's air space, usually in flocks of 10 to 30 (mostly between April and June).

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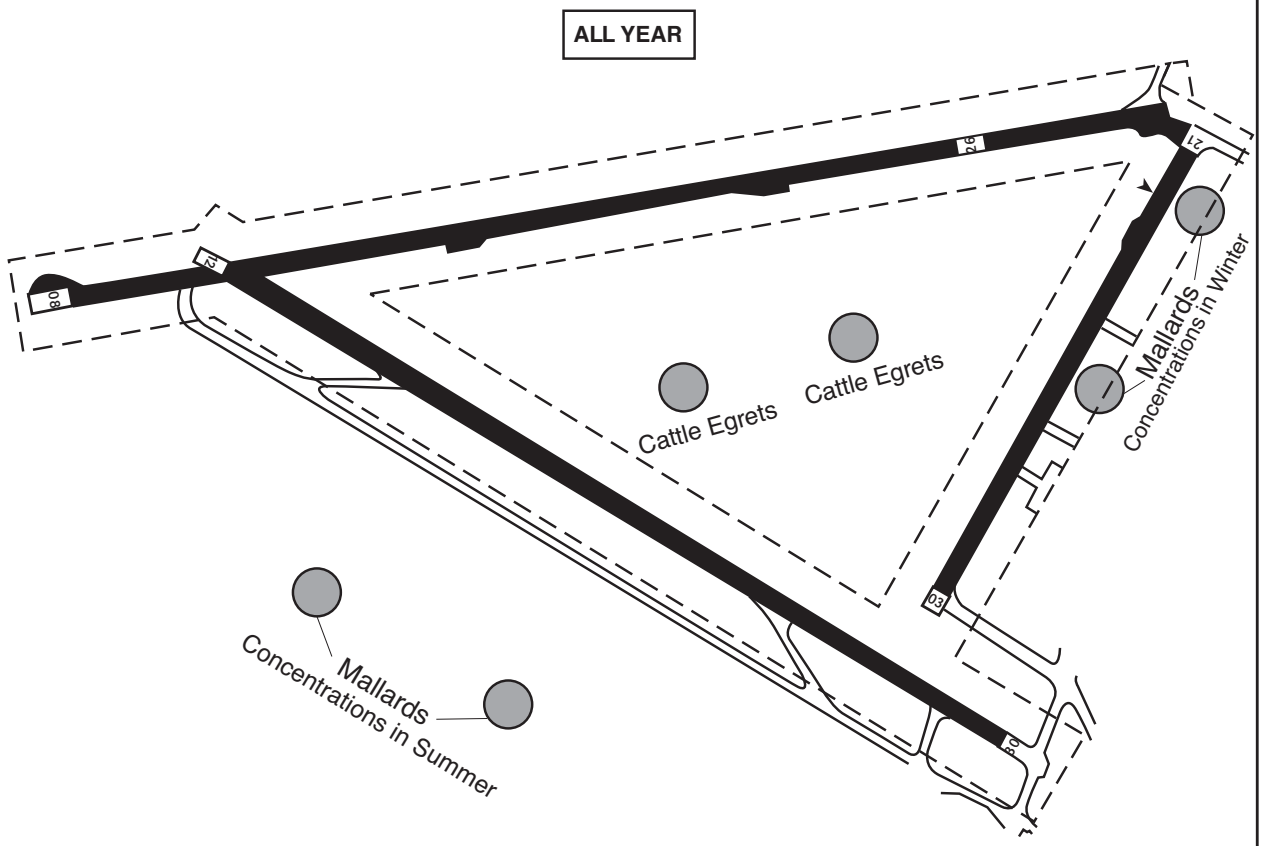
BIRD CONCENTRATIONS AND MOVEMENTS **TEL-AVIV / BEN GURION**



FLOCKS OF COLLARD DOVES & PIGEONS MAY APPEAR AT VARIED LOCATIONS WITHIN THE AIRPORT PERIMETER

SPUR-WINGED PLOVERS MAY BE SEEN NEAR THE RUNWAYS & TAXIWAYS OFTEN NEAR THR **RWY 26, 30**

STONE CURLEW MAY BE PRESENT NEAR **RWY'S 26, 30**

CHUKARS CAN BE SEEN, ALTHOUGH THEY ARE AN UNCOMMON RESIDENT WITHIN THE AIRPORT'S PERIMETER.

CATTLE EGRETS IN SMALL NUMBERS MAY APPEAR OFTEN ASSOCIATED WITH AGRICULTURAL ACTIVITY IN THE ADJACENT FIELD OR BETWEEN RUNWAY 30 AND 26, IN THE AREAS THAT ARE UNDER CONSTRUCTION.

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