

EILAT/ILAN AND ASAF RAMON

Note: The following sections in this chapter are intentionally left blank: AD-2.7, AD-2.25

LLER AD 2.1 Aerodrome Location Indicator And Name

LLER – EILAT/ILAN AND ASAF RAMON

LLER AD 2.2 Aerodrome Geographical And Administrative Data

1	ARP coordinates and site at AD	294338N 0350051E 14°/1 800 M from THR 01
2	Direction and distance from (city)	019°, 20 km from Eilat city center
3	Elevation/Reference temperature	288 ft./40.2°C (August)
4	Geoid undulation at AD ELEV PSN	20 meters
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) Eilat/Ilan & Asaf Ramon International Airport P.O. Box 42 Eilat 8810001 Phone: +972-8-9553881, +972-8-9553799 Phone: +972-8- 9553600 (AIS) +972-8- 9553601 (AIS) AFS: LLERZPZX Email: teum_eilat@iaa.gov.il SITA: ETMELXH URL: http://www.iaa.gov.il
7	Types of traffic permitted (IFR/VFR)	IFR/CVFR
8	Remarks	Nil

LLER AD 2.3 Operational Hours

1	AD Administration	SUN-THU 0530-2330 LT FRI & holiday eve 0600-1800 LT SAT & holidays 0700-2330 LT Beyond operating hours by special permission from the Airport Management Aerodrome available as alternate - H24
2	Customs and immigration	As AD administration
3	Health and sanitation	As AD administration
4	AIS Briefing Office	As AD administration
5	ATS Reporting Office (ARO)	As AD administration
6	MET Briefing Office	Israel Meteorological Service meteorological watch office, Bet Dagan (LLBD).
7	ATS	H24
8	Fuelling	Hours: SUN-FRI and holiday eve as AD administration SAT and holidays between 14:00-22:30 (LT) Beyond operating hours: 24 hours' notice required. Tel: (via Airport OPS) +972-8- 9553600

9	Handling	AeroHandling & Laufer GHI Hours: As AD administration Tel: (via Airport OPS) +972-8- 9553600
10	Security	As AD administration
11	De-icing	Nil
12	Remarks	Nil

LLER AD 2.4 Handling Services And Facilities

1	Cargo-handling facilities	Laufer GHI, AeroHandeling
2	Fuel/oil types	FUEL: A1 AVGAS-LL OIL: NIL
3	Fuelling facilities/capacity	All stands through bowzers.
4	De-icing facilities	NIL
5	Hangar space for visiting aircraft	NIL
6	Repair facilities for visiting aircraft	NIL
7	Remarks	NIL

LLER AD 2.5 Passenger Facilities

1	Hotels	In the city of Eilat.
2	Restaurants	At AD and in the city.
3	Transportation	Taxis and buses outside terminal.
4	Medical facilities	First aid & ambulance at AD. "Yoseftal" hospital in the city of Eilat.
5	Bank and Post Office	At AD and in the city. At AD and in the city.
6	Tourist Office	At AD and in the city.
7	Remarks	NIL

LLER AD 2.6 Rescue And Fire Fighting Services

1	AD category for fire fighting	A9 Beyond operating hours by special permission from the Airport Management.
2	Rescue equipment	Rescue equipment: Ambulances and fire fighting vehicles.
3	Capability for removal of disabled aircraft	Limited recovery available for aircraft up to 400,000 kg MTOW (if tow bar available and aircraft can be rolled). Contact: (via Airport OPS) +972-8- 9553600.
4	Remarks	NIL

LLER AD 2.7 Seasonal Availability - Clearing

NIL

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

1	Designation, surface and strength of aprons	R Surface: CONC Strength: PCN 32 / R / B / X / T Code C A/C. S Surface: CONC+ASPH GOOD Strength: PCN32 / R / B / X / T Code C A/C. T Surface: CONC+ASPH GOOD Strength: PCN15 / R / B / X / T Code C A/C. U Surface: CONC+ASPH FAIR Strength: PCN93 / R / B / W / T Code E A/C. V Surface: ASPH PAVED GOOD Strength: PCN67 / F / B / X / T CODE E A/C
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2	Designation, width, surface and strength of taxiways	A Width: 23 M Surface: ASPH Strength: PCN 88 / F / B / W / T Code E A/C. A1 Width: 30.9 M Surface: ASPH Strength: PCN 88 / F / B / W / T Code E A/C. Remark: Holding point A1S Width: 33.6 M Surface: ASPH Strength: PCN 88 / F / B / W / T Code E A/C. Remark: Holding point A2 Width: 38.8 M Surface: ASPH Strength: PCN 88 / F / B / W / T Code E A/C. A3 Width: 38.8 M Surface: ASPH Strength: PCN88 / F / B / W / T Code E A/C. A4 Width: 25 M Surface: ASPH Strength: PCN 88 / F / B / W / T Code E A/C. Remark: Rapid Exit A5 Width: 30.9 M Surface: ASPH Strength: PCN88 / F / B / W / T Code E A/C. Remarks: Taxiway "A5" Holding Point: 72.0 m width. B Width: 44 M Surface: ASPH Strength: PCN 88 / F / B / W / T Code E A/C. Connecting between the aprons and Taxiways C, D, E, F. C Width: 18 M Surface: ASPH Strength: PCN 88 / F / B / W / T Code C A/C. D Width: 39.8 M Surface: ASPH Strength: PCN 88 / F / B / W / T Code E A/C. E Width: 40 M Surface: ASPH Strength: PCN 88 / F / B / W / T Code E A/C. F Width: 39 M Surface: ASPH PAVED GOOD Strength: PCN 88 / F / B / W / T Code E A/C.
3	Location and elevation to the nearest metre or foot of altimeter checkpoints	APRON "R", Elevation: 283 FT. APRON "S-west", Elevation: 285 FT. APRON "S-east", Elevation: 282 FT. APRON "T-west", Elevation: 286 FT. APRON "T-east", Elevation: 283 FT. APRON "U-west", Elevation: 292 FT. APRON "U-east", Elevation: 288 FT. APRON "V-west", Elevation: 294FT. APRON "V-east", Elevation: 291FT.
4	Location of VOR checkpoints	NIL
5	Position of INS checkpoints in degrees, minutes, seconds and hundredths of seconds	See aircraft parking chart

6	Remarks	Aprons: R Pushback is not permitted without specific ATC approval. S Pushback is not permitted without specific ATC approval. T Pushback is not permitted without specific ATC approval. U Pushback is not permitted without specific ATC approval.
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LLER 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 all holding positions. Guide lines at apron. Nose-in guidance at aircraft stand.
2	RWY and TWY markings and LGT	RWY: Designation, THR, edge, runway end as appropriate, marked and lighted, Center line marked and lighted, AIM point, TDZ marked. TWY: Designation, holding position, as appropriate, marked and lighted. Center line marked.
3	Stop bars	Stop Bar 01: on TWY A1. Stop Bar 01: on TWY A1 South. Stop Bar 01-19: On TWY A2. Stop Bar 01-19: On TWY A3. Stop Bar 01-19: On TWY A4. Stop Bar 19: on TWY A5.
4	Remarks	Nil

LLER AD 2.10 Aerodrome Obstacles

NOTE: THIS CHAPTER PROVIDES ONLY OBSTACLES WITHIN AREA 2 THAT ARE ASSESSED AS BEING A HAZARD TO AIR NAVIGATION, WHICH INCLUDES ONLY OBSTACLES WITH HEIGHT OF 30 METERS AGL OR ABOVE.

In Area 2					
OBST ID/ Designation	OBST Type	OBST Position	ELEV/HGT	Markings/ Type, colour	Remarks
a	b	c	d	e	f
LLER 1005	Transmission Line Tower	294508.6N 0350057.4E	414 FT 146 FT	No marking or lighting	Nil
LLER 1006	Transmission Line Tower	294229.2N 0345945.2E	383 FT 101 FT	No marking or lighting	Nil
LLER 103	Transmission Line Tower	294727.0N 0350107.3E	444 FT 121 FT	No marking or lighting	Nil
LLER 104	Transmission Line Tower	294707.2N 0350103.0E	434 FT 119 FT	No marking or lighting	Nil
LLER 105	Transmission Line Tower	294717.1N 0350105.2E	440 FT 119 FT	No marking or lighting	Nil
LLER 106	Transmission Line Tower	294626.1N 0350053.9E	386 FT 119 FT	No marking or lighting	Nil
LLER 107	Transmission Line Tower	294636.5N 0350056.2E	399 FT 118 FT	No marking or lighting	Nil
LLER 108	Transmission Line Tower	294646.8N 0350058.5E	411 FT 117 FT	No marking or lighting	Nil
LLER 109	Transmission Line Tower	294657.0N 0350100.8E	419 FT 114 FT	No marking or lighting	Nil

In Area 2					
OBST ID/ Designation	OBST Type	OBST Position	ELEV/HGT	Markings/ Type, colour	Remarks
a	b	c	d	e	f
LLER 110	Transmission Line Tower	294615.6N 0350051.6E	379 FT 121 FT	No marking or lighting	Nil
LLER 111	Transmission Line Tower	294555.8N 0350046.6E	387 FT 110 FT	No marking or lighting	Nil
LLER 112	Transmission Line Tower	294605.9N 0350049.5E	370 FT 104 FT	No marking or lighting	Nil
LLER 113	Transmission Line Tower	294536.9N 0350041.3E	411 FT 110 FT	No marking or lighting	Nil
LLER 115	Transmission Line Tower	294546.0N 0350043.9E	398 FT 107 FT	No marking or lighting	Nil
LLER 118	Transmission Line Tower	294519.2N 0350036.3E	409 FT 100 FT	No marking or lighting	Nil
LLER 119	Transmission Line Tower	294527.9N 0350038.8E	406 FT 102 FT	No marking or lighting	Nil
LLER 126	Transmission Line Tower	294510.3N 0350033.7E	411 FT 103 FT	No marking or lighting	Nil
LLER 127	Transmission Line Tower	294501.2N 0350031.3E	405 FT 100 FT	No marking or lighting	Nil
LLER 2	Transmission Line Tower	294203.8N 0345931.0E	339 FT 96 FT	No marking or lighting	Nil
LLER 3	Transmission Line Tower	294213.0N 0345930.6E	367 FT 103 FT	No marking or lighting	Nil
LLER 333	Transmission Line Tower	294351.9N 0345926.5E	532 FT 99 FT	No marking or lighting	Nil
LLER 336	Transmission Line Tower	294412.6N 0345925.7E	524 FT 97 FT	No marking or lighting	Nil
LLER 8	Transmission Line Tower	294234.1N 0345929.7E	404 FT 102 FT	No marking or lighting	Nil
LLER 9	Transmission Line Tower	294223.6N 0345930.1E	384 FT 101 FT	No marking or lighting	Nil

In Area 2a					
OBST ID/ Designation	OBST type	OBST position	ELEV/HGT	Markings/Type, colour	Remarks
a	b	c	d	e	f
LLER 10	NAV AID	294441.08N 0350108.36E	276 FT 268 FT	Obstacle light	Nil
LLER 11	NAV AID	294426.81N 0350102.40E	281 FT 269 FT	Obstacle light	Nil
LLER 12	NAV AID	294424.46N 0350107.74E	321 FT 269 FT	Obstacle light	Nil
LLER 13	NAV AID	294423.72N 0350107.11E	290 FT 271 FT	Obstacle light	Nil
LLER 14	NAV AID	294423.01N 0350108.54E	310 FT 265 FT	Obstacle light	Nil

In Area 2a					
OBST ID/ Designation	OBST type	OBST position	ELEV/HGT	Markings/Type, colour	Remarks
a	b	c	d	e	f
LLER 15	NAV AID	294249.36N 0350042.33E	295 FT 250 FT	Obstacle light	Nil
LLER 16	NAV AID	294249.70N 0350040.86E	275 FT 250 FT	Obstacle light	Nil
LLER 17	NAV AID	294246.54N 0350040.34E	308 FT 251 FT	Obstacle light	Nil
LLER 18	NAV AID	294248.43N 0350040.87E	299 FT 254 FT	Obstacle light	Nil
LLER 19	NAV AID	294234.34N 0350032.90E	257 FT 244 FT	Obstacle light	Nil

In Area 3					
OBST ID/ Designation	OBST type	OBST position	ELEV/HGT	Markings/Type, colour	Remarks
a	b	c	d	e	f
NIL	NIL	NIL	NIL	NIL	NIL

LLER AD 2.11 Meteorological Information Provided

1	Associated MET office	Israel Meteorological Service, Bet Dagan (LLBD)
2	Hours of service MET office outside hours	Observations available at AD administration working hours, Briefing available from LLBD 24H each day. Alternate Aerodrome for LLBG -24H.
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	TBD
5	Briefing/consultation provided	Telephone 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 language 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 chart (low level, medium and high level)
8	Supplementary equipment available for providing information	Meteorological information terminal available at meteorological station in the AD containing: weather radar, weather satellite image display and animation, Upper Air temperature & wind profiles derived from Israeli radiosondes and AMDAR reports, SIGWX and T+W charts and updated OPMET information
9	ATS units provided with information	Eilat TWR
10	Additional information (limitation of service, etc.)	Nil

LLER 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
01	013.72°	3 600 X 45	88/F/B/W/T Asphalt	THR 294241.03 N 0350034.77 E; RWY END 294434.61 N 0350106.55E; GUND 19.72 m	THR 252.30 ft; TDZ 270.57 ft	TBD
19	193.72°	3 600 X 45	88/F/B/W/T Asphalt	THR: 294434.61 N 0350106.55E; RWY END: 294241.03 N 0350034.77 E; GUND 19.69 m	THR 272.31 ft; TDZ 281.40 ft	TBD

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	300 X 150	3 720 X 280	RESA RWY 01 – 240x150	Nil	Available	Nil
Nil	300 X 150	3 720 X 280	RESA RWY 19 – 240x150	Nil	Available	Nil

LLER AD 2.13 Declared Distances

RWY Designator	TORA (M)	TODA (M)	ASDA (M)	LDA (M)	Remarks
1	2	3	4	5	6
01	3 600	3 900	3 600	3 600	RESA 240 M
19	3 600	3 900	3 600	3 600	RESA 240 M
01-A3	2190	2490	2190	Nil	Take-off from intersection with A3
01-A2	2 400	2 700	2 400	Nil	Take-off from intersection with A2
19-A4	2300	2600	2300	Nil	Take-off from intersection with A4
19-A3	1410	1710	1410	Nil	Take-off from intersection with A3
19-A2	1 200	1 500	1 200	Nil	Take-off from intersection with A2

LLER 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
01	APCH LGT type – CAT I Barrette LGT 900m - colour white; Each side barrette having a length of 10.5m and full crossbar extending 30m. The centerline has been placed at longitudinal intervals of 30m with the crossbar light spacing of 1m in line with code requirements.	THR+WN BR type CAT I Colour - green; Distance between lights – 1.5m interline circuit	PAPI Right & left 3° The units are spaced 9m away from each other with the Innermost unit 15m from the runway edge. Interline circuit MEHT - TBD	Nil	LGTD 3 600 m (Threshold-End); 2 700m - White; FM 2 700m to 3 300m - Alternate RED/WHITE; FM 3 300m – RED; Distance between lights - 30m; Light intensity - High	REL (Threshold-End) LGTD 3 600 m; 3 000 m - white; a section of 600m at the remote END of the RWY - yellow. Distance between lights - 60m Interlined circuit.	Type CAT I Colour - red; Distance between lights - 6m Interlined circuit	Nil	Nil
19	APCH LGT type – CAT I Barrette LGT 902m - colour white; Barrette system - 5 lights, crossbar 312m from the TH Each side barrette having a length of 10.5m and full crossbar extending 30m. The centerline has been placed at longitudinal intervals of approximately 30m (approved installation tolerance of up to 2 m), with the crossbar light spacing of 1m in line with code requirements.	THR+WN BR type CAT I Colour – green; Distance between lights - 1.5m interline circuit	PAPI Right & left 3° The units are spaced 9m away from each other with the Innermost unit 15m from the runway edge. Interline circuit MEHT - TBD	Nil	LGTD 3 600 m (Threshold-End); 2 700m - White; FM 2 700m to 3 300m - Alternate RED/WHITE; FM 3 300m – RED; Distance between lights - 30m; Light intensity - High	REL (Threshold-End) LGTD 3 600 m; 3 000 m - white; a section of 600m at the remote END of the RWY - yellow. Distance between lights - 60m Interlined circuit.	Type CAT I Colour - red; Distance between lights - 6m Interlined circuit	Nil	Nil

LLER AD 2.15 Other Lighting, Secondary Power Supply

1	ABN/IBN location, characteristics and hours of operation	ABN: At Tower building FLG green/white IMC and at night
2	LDI location and LGT	LDI: Nil
	Anemometer location and LGT	Anemometer: see aerodrome chart.
3	TWY edge and centre line lighting	Edge: All taxiway Centerline lighting: TWY A3-"D", A2-"C", A4-"F", F-"B" (green)
4	Secondary power supply/switch-over time	Secondary power supply to all lighting at AD Switch-over time: 15 SEC.
5	Remarks	Nil

LLER AD 2.16 Helicopter Landing Area

Take Off and Landing only on the Runway.

LLER AD 2.17 ATS Airspace

1	Designation and lateral limits	Eilat Ramon CTR CTR North - 295855N 0350540E southward along the Israel/Jordan border to 295335N 0350503E - 295335N 0345819E - 295835N 0345921E - 295835N 0350221E - 300032N 0350247E - to point of origin (295855N 0350540E). CTR South - 295335N 0350503E southward along the Israel/Jordan border to 293233N 0345841E - 293109N 0345759E - 292800N 0345601E - 292800N 0345400E - 292931N 0345415E northward along the Israel/Egypt border to 294212N 0345114E - 294335N 0345445E - 294559N 0345606E - 295002N 0345736E - 295334N 0345819E to point of origin (295335N 0350503E).
2	Vertical limits	CTR North - SFC to 4 000 FT MSL CTR South - SFC to 6 000 FT MSL
3	Airspace classification	See ENR 1.4
4	ATS unit call sign Language(s)	Eilat Tower English (Hebrew at ATC discretion)
5	Transition altitude	Nil
6	Remarks	Nil

LLER AD 2.18 ATS Communication Facilities

Service designation	Call sign	Frequency	Hours of operation	Remarks
1	2	3	4	5
APP/TWR	Eilat Control	119.000 MHz	H24	Primary freq.
		122.000 MHz	H24	Secondary Freq.
		121.500 MHz	H24	Emergency freq.
GND	Eilat Ground Control	121.700 MHz	H24	Primary freq.
		121.800 MHz	H24	Secondary Freq.
		121.500 MHz	H24	Emergency freq.
ATIS	Eilat Information	132.550 MHz	H24	Digital ATIS available via ACARS.

LLER 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
VOR/DME (5°E/2019)	LOT	112.000 MHz	H24	293629.1N 0345834.1E	200 FT	Authorized for use along ATS routes only. See ENR 4.1-1 CH 57 X
DVOR/DME (5°E/2019)	RAM	113.850 MHz	H24	294511.1N 0350113.9E	251 FT	CH 85 Y
LOC 01 ILS CAT I (5°E/2019)	RC	108.700 MHz	H24	294444.33N 0350109.27E	-	-
GP/DME 01 (5°E/2019)	Dots/ Dashes	330.500 MHz	H24	294248.55N 0350040.91E	264 FT	CH 24 X
LOC 19 ILS CAT I (5°E/2019)	RB	110.500 MHz	H24	294231.21N 0350032.02E	-	-
GP/DME 19 (5°E/2019)	Dots/ Dashes	329.600 MHz	H24	294424.52N 0350107.76E	284 FT	CH 42X

LLER AD 2.20 Local Traffic Regulations**1. Airport regulations**

All air carrier traffic (Arrivals and Departure) must have a coordinated slot. Application shall be applied 48 hours in advance from Monday to Thursday or 72 hours in advance from Friday to Sunday, via E-mail address: tlvacxh@iaa.gov.il

Private domestic or international traffic must have a coordinated slot. Application shall be applied 48 hours in advance via E-mail address: computerte@iaa.gov.il

Aerodrome available as alternate - H24.

Arriving CVFR flights should contact TWR by telephone prior to departure in order to obtain a Slot to enter Eilat CTR with minimum delay.

Operation of Ultralight flight within LLER CTR is prohibited, except by prior permission from aerodrome administration and ATC.

Low flying over the city of Eilat (except for landing/take-off) is prohibited.

Aircraft being towed between parking stands must establish and maintain communication with GND control.

Aerodrome Obstacle Chart – ICAO Type A is not provided because there are no significant obstacles within the take-off flight path areas.

2. Taxiing to and from stands

Arriving aircraft:

- will be allocated a stand number by the TWR.
- will be guided by the "Follow Me" vehicle and guided by the Marshaller on the stand, except for General Aviation aircraft.
- Transponder operation: after landing continue transmitting Mode A Code and Mode S until aircraft is parked on stand.

Departing aircraft:

- 'Clearance prior to taxi' (CPT) is provided continuously on freq. 121.700 MHz or as published by ATIS.
- Pilots shall contact CPT 15 minutes before start-up. The MSG shall specify the following: ACFT call sign and type, stand number, ATIS letter and the Intended start-up time.
- 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).
- When aircraft is ready for 'push-back' and/ or 'start up', the pilot shall request and obtain 'push-back' and/ or 'start up' clearance on GND frequency.
- Aircraft receiving 'push-back' clearance is expected to vacate the parking stand without delay.

Transponder Operation:

- Departing aircraft shall operate transponder on MODE A/ALT code and MODE S code, when ready for push-back or taxi clearance, whichever earliest. Aircraft operating Mode S shall identify using ICAO call sign.
- Pilots cleared to line-up shall be ready for immediate take-off; if unable, notify ATC in advance.

3. Parking area for helicopters and small aircraft (General aviation)

Parking stand will be allocated by the TWR.

"Follow Me" service and or Marshaller assistance may be requested from the TWR.

Aircraft shall be parked using standard wheel chocks only.

Aircraft shall be tied down on both sides.

Exit and entry to/from the apron via west side of the concrete only. Avoid walking on any taxiway (asphalt).

4. Apron - taxiing during low visibility

Taxiways in the apron area are not equipped with center line lights. The taxi guide lines may not be visible due to low visibility. Assistance from the "Follow Me" vehicle for departing aircraft may be requested on GND ATC frequency.

5. Taxiing - limitations

Not applicable.

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

- a. Authorization of a training flight is not an authorization for a parking position which has to be coordinated separately with Eilat/ILAN AND ASAF Ramon Operations.
- b. Training flights by Ultralight aircraft and propeller driven parachutes are not permitted.
- c. A request for a training slot should be submitted by email directly to the Eilat ATC Manager as follows:
 - 1. In order to be a part of the weekly plan (SUN-SAT):
 - 1.1 A request should be submitted by the operator not later than 12:00 Tuesday on the preceding week.
 - 1.2 A request that will be submitted later will be attended as a low priority request according to availability.
 - 2. A pilot submitting a request on the same day of training flight should contact the ATC Supervisor, The ATC Supervisor will approve / reject the training flight based on traffic, weekly plan and other factors.
 - 3. All requests should specify: Type of A/C, Requested date & time, Type & Number of App. and any other relevant information (Telephone No, Refueling, Parking, etc.).
 - 4. Tel. for a training Info – 08-9553666.
- d. Training flights, that have been approved by Eilat TWR manager/ ATC Supervisor, will submit a standard flight plan on the day of the flight.
- e. Training areas:
 - 1. LLER aerodrome has two training areas for GA, as shown in chart AD 2 LLER VFRTA:
 - i. Mount Berech area - during day time only. ALT 4 000 ft up to 6 000 ft MSL.
 - ii. Western shore line area - during day and night. ALT 500 ft up to 1 500 ft. MSL.
 - 2. All training areas shall be coordinated with the ATC supervisor.

- f. The following restrictions apply:
1. Training flights are permitted daily during Operational Hours.
 2. Training flights will be approved (in the planning phase and in real time) subject to higher priority operations i.e commercial flights, special events, maintenance work etc.
 3. AIS office/"Briefing" will approve a training flight-plan only after confirming with the pilot that the flight is authorized by Eilat TWR manager / ATC Supervisor.

7. Helicopter Traffic - limitation

Non-scheduled public air traffic with helicopter is permitted only after prior approval from Eilat Ramon Aerodrome Administration. Any contact concerning the above shall be made via the handling company or directly to the office during the hours of service. If possible, not later than the day before the flight is to be carried out.

Any request for approval of traffic shall contain the following information:

- a. Owner/operator
- b. Type of helicopter, registration/call sign
- c. Date, arrival time/departure time, destination(s)

Furthermore, other details relevant to the evaluation of the request must be given as required.

8. Removal of disabled aircraft from runways

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

When an aircraft is wrecked on a runway, it is the duty of the owner or user of such aircraft to have it removed as soon as possible. If a wrecked aircraft is not removed from the runway as quickly as possible by the owner or user, the aircraft will be removed by the aerodrome authority at the owner's or user's expense.

9. Airport limitations (Local time)

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 from 22:30, first DEP from 23:30.

LLER AD 2.21 NOISE ABATEMENT MONITORING & PROCEDURES

Not applicable

LLER AD 2.22 FLIGHT PROCEDURES

1. General

Flights within Eilat Ramon CTR shall be in accordance with Instrument Flight Rules (IFR) and with the Controlled Visual Flight Rules (CVFR).

2. Preferential runway system

The airport has two basic runway operational configurations – 01/01 and 19/19, depending on tailwind component limitations.

Mixed operational scenario is possible at the ATC discretion.

3. Arrivals – General Procedures

Visual approach

Due to airspace limitations, prior familiarization with Eilat Ramon airport and airspace is required.

RNAV visual approach is authorized only according to RNAV visual approach chart.

Visual approach (NON RNAV) is authorized in day-time only, and requires prior authorization from the tower manager.

In case of missed approach, pilots shall follow ATC instructions.

4. Procedures for IFR flights within Eilat Ramon CTR

Not applicable.

5. Procedures for CVFR flights within Eilat-Ramon CTR

1. Circuit altitude (for VFR and CVFR flights):
 - CAT A and B - 1,500 feet during the day and 2,000 feet during the night.
 - CAT C - 2,500 feet;
 - CAT D - 3,000 feet;
 - Cat E - CVFR circuit is not applicable.
2. Traffic pattern:
 - RWY 01 - standard pattern only (west circuit)
 - RWY 19 - Non-standard pattern only (west circuit);
3. Aircraft CAT A, B and C - while in circuit pattern, pilots shall avoid entering the restricted area LLR27, south of the airport.
4. Aircraft on "Downwind" leg should avoid flying over and orbit over "Beer Ora".
5. CVFR flights are conducted according to controlled visual routes chart (see domestic AIP, chapter B-03).

6. Procedures for flights from Eilat-Ramon To Aqaba

All flights will contact, by telephone, the Israeli Security Center before starting up (Tel. +972-3-9599800). Tower controller shall verify this action with pilot prior to start up clearance.

By prior coordination, Eilat ATC will verify the appropriate RWY in use in Aqaba aerodrome.

7. Radar procedures within Eilat Ramon CTR

Expect air traffic advisory services, based on WAM system (SSR Mode A/C and Mode S), Eilat Tower does not provide radar services.

8. Low Visibility Procedure (LVP)

General

- a. Low Visibility Procedure (LVP) will be implemented by TWR, and transmitted by ATIS, when visibility is below 2,800 meters.
- b. Follow-me service will be provided to aircraft to and from stands by TWR discretion OR pilot request. This service however will not be provided when visibility is less than 100 meters;
- c. Due to greater separation applied in Low Visibility conditions, expect delays in the approach and takeoff sequence.
- d. Pilots report
 - Aircraft taking off shall report "rolling" when commencing takeoff run;
 - Vacating aircraft shall report "runway vacated";
 - After takeoff aircraft shall report "airborne", as soon as practicable;
 - When parked, aircraft shall report "on stand".

9. Take off from runway/taxiway intersections

Aircraft may depart from runway intersections, by TOWER approval. Ref. remaining distances as specified in

table LLER AD 2.7-13.

10. Communication Failure Procedure

Communication failure

Procedures for IFR traffic:

Arriving aircraft:

1. Set the transponder to Code 7600;
2. Keep Transmitting ("Blind Transmission") on the tower Frequency - 119.0 MHz or 122.00 MHz, or on 121.5 MHz.
3. If Able, Contact the tower by Telephone (+972-8-955-3666) and inform the tower about your intentions.
4. Approach clearance:
 - 4.1 If approach clearance already received:
 - 4.1.1 Complete the approach according to the clearance,
 - 4.1.2 Land upon receiving Green light from the tower.
 - 4.1.3 In case of red light received from the tower and/or flashing runway edge lights, perform a missed approach procedure And repeat the approach.
 - 4.2 If approach clearance was not received:
 - 4.2.1 Proceed to RAM VOR at the last assigned altitude, but not higher than 6 000 feet.
 - 4.2.2 Perform and complete 1 full Holding pattern.
 - 4.2.3 Complete an ILS approach to RWY 01
 - 4.2.4 Land after receiving green light from the tower.
 - 4.2.5 In case of red light received from the tower, and or flashing runway edge lights, perform a missed approach procedure and join the same approach again.

Departing Aircraft:

1. Set the transponder to Code 7600;
2. If returning to land, perform the procedures detailed above for arriving aircraft.
3. If not returning to land in the airport:
 - 3.1 Follow the SID with all applicable restrictions
 - 3.2 Thereafter, adjust level and speed in accordance with the filed flight plan.
 - 3.3 Keep Transmitting ("Blind Transmission") on the TWR Frequency or on emergency frequency 121.5 MHz.
 - 3.4 If Able, contact Eilat tower by telephone (+972-8-955-3666) and inform tower about your intentions.

Procedures for CVFR Flights

1. Set the transponder to Code 7600;
2. Keep Transmitting ("Blind Transmission") on the tower Frequency - 119.0 MHz or 122.000 Mhz, or on 121.5 MHz.
3. Turn on the landing lights.

4. If Able, Contact the tower by Telephone (+972-8-955-3666) and inform the tower about your intentions.
5. Fly over the tower and determine the Runway in Use, observing the traffic pattern and/or the wind direction indicator ("Wind Sac").
 - 5.1 Traffic pattern (all traffic patterns are Western patterns):
 - 5.1.1 Runway 01 – standard pattern (Western Circuit Only).
 - 5.1.2 Runway 19 – Non-standard pattern (Western Circuit Only).
6. Join the down-wind leg at altitude suitable for your aircraft category, considering the traffic in the vicinity of the aerodrome.
Land after receiving green light from the tower
In case of red light received from the tower, or flashing runway edge lights, join the down-wind leg again.

Take off Minima for IFR Departures	
A, B, C, D, E	DAY - Runway edge lights OR RCLM NIGHT - Runway edge lights OR RCLM AND End lights
	500 m

LLER AD 2.23 ADDITIONAL INFORMATION

1. Bird concentration and significant bird movement in the vicinity of the airport

1.1 Spring migration in the vicinity of airport:

Large flocks of birds migrate in the general direction of south to north. Soaring large bird species (white storks) migrate mainly during peak temperature hours of the day. During the spring season, the daily average of passing migrating birds is several thousands.

During day time migration concentrate in the middle of the Jordan Valley. Soaring birds also form three south-to-north routes above the runways and the two national highways in Israel and Jordan, taking advantage of thermals generated by them. Typical bird flight height ranges between 1,000 ft. AGL to 3,000 ft. AGL, averaging at 2,000 ft. AGL.

Species and dates (dates are approximated):

Species	Dates (approximated)
White Stork and Black Stork	20 FEB – 20 APR
Common Crane	20 FEB – 20 APR
Steppe Eagle	20 JAN – 1 APR
Common Buzzard	20 FEB – 20 MAY
Honey Buzzard	20 APR – 20 MAY
Levant Sparrowhawk	20 APR – 10 MAY
Raptors	15 MAR – 15 MAY
Great Cormorants	15 MAR – 15 MAY
Cranes	15 MAR – 15 MAY
Swallows	15 MAR – 15 MAY
Swifts	15 MAR – 15 MAY

2. Autumn migration in the vicinity of airport:

Large flocks of birds migrate in the general direction of north to south. Soaring large bird species (white storks) migrate mainly during peak temperature hours of the day. Flocks of small birds, as well as larger species such as ducks, migrate during night time. During the autumn season, the daily average of passing migrating birds is several thousands.

During day time the migration concentrates in the middle of the Jordan Valley, and during the night it is more widespread. Typical bird flight height ranges between 1,000 ft. AGL to 3,000 ft. AGL, averaging at 2,000 ft. AGL.

Species	Dates (approximated)
Common Crane	10 OCT – 20 DEC
Steppe Eagle	1 NOV – 20 DEC

3. Winter migration in the vicinity of airport:

Flocks of winter migratory and resident bird species are present in the vicinity of the airport. Most of the large birds are waterfowl and other water birds that fly through the airport along Elifaz Reservoirs (north of the runways) to the sewage treatment ponds and the Salinas (south of the runways).

During mid-Autumn to mid-Spring flocks of Great cormorants cross the airport area every day from south to north in the morning and back to roosting sites in the Red Sea at dusk.

Wintering and migrating raptor flocks use the date palm plantations in the area for night roosting.

Species and dates (approximated):

Species	Dates (approximated)	Notes
Great Cormorants	1 OCT – 20 MAR	Large flocks Their main roosts are at sea, or at the Aqaba Birding Center which is located 2 km east of the Eilat. Their average morning routine involves flying to their feeding sites at Eilat's sewage ponds, and at Eilat reservoir. Birds cross the air-space in low to medium height.
Imperial Eagles, Spotted Eagles, and Bonelli's Eagles		These eagles spend the winter in low numbers throughout the area and cross the air-space on a daily basis.

4. Summer migration in the vicinity of airport

Species and dates (approximated):

Species	Dates (approximated)	Notes
Flamingos		A flock of a few hundreds of flamingos stay through the season at the Salinas.
Sooty Falcons, Barbary Falcons, and Egyptian Vultures.		They are known to breed in the mountains surrounding Eilat. Their breeding season is between MAR 1st and OCT 15th and known to cross the airspace on a daily basis
Pigeons, Collard Doves, and Palm Doves		Thousands of pigeons, collard doves and palm doves feed in the cattle quarantine adjacent to the sewage treatment ponds where they drink.

LLER AD 2.24Charts Related To An Aerodrome

Chart Name	Page
Aerodrome Chart - ICAO	AD 2 LLER ADC
Aircraft Parking Chart – ICAO - Apron R, S, T	AD 2 LLER ADCRST-1
Aircraft Parking Chart – ICAO - Apron U	AD 2 LLER ADCU-2
Aircraft Parking Chart – ICAO - Apron V	AD 2 LLER ADCV-3
Standard Departure Chart - Instrument SID RNAV (GNSS) – ICAO - RWY 01 NURIT 1F	AD 2 LLER SID-01NF-1
Standard Departure Chart - Instrument SID - ICAO - RWY 01 NURIT 2H	AD 2 LLER SID-01NH-2
Standard Departure Chart - Instrument SID RNAV (GNSS) – ICAO - RWY 19 NURIT 1K	AD 2 LLER SID-19NK-1
Standard Departure Chart - Instrument SID – ICAO - RWY 19 NURIT 1M	AD 2 LLER SID-19NM-2
Standard Departure Chart - Instrument SID RNAV (GNSS) – ICAO - RWY 19 NURIT 1J	AD 2 LLER SID-19NJ-3
Standard Departure Chart - Instrument SID – ICAO - RWY 19 NURIT 1N	AD 2 LLER SID-19NN-4
Standard Arrival Chart - Instrument STAR RNAV – ICAO - RWY 01 NURIT 1B	AD 2 LLER STAR-01-1
Standard Arrival Chart - Instrument STAR RNAV – ICAO - RWY 19 NURIT 1D	AD 2 LLER STAR-19-1
Instrument Approach Chart – ICAO - ILS RWY 01	AD 2 LLER IAC-01ILS-2
Instrument Approach Chart – ICAO - ILS RWY 19	AD 2 LLER IAC-19ILS-2
Instrument Approach Chart – ICAO - RNP RWY 01	AD 2 LLER IAC-01RNP-1
Instrument Approach Chart – ICAO - RNP RWY 19	AD 2 LLER IAC-19RNP-1
RNAV Visual Approach Chart – RWY 01	AD 2 LLER VAC-01-1
RNAV Visual Approach Chart – RWY 19	AD 2 LLER VAC-19-1
VFR Training Areas	AD 2 LLER VFRTA

AERODROME
CHART - ICAO

29° 43' 38" N
035° 00' 51" E

AD ELEV 288 ft

TWR 119.00
GND 121.70

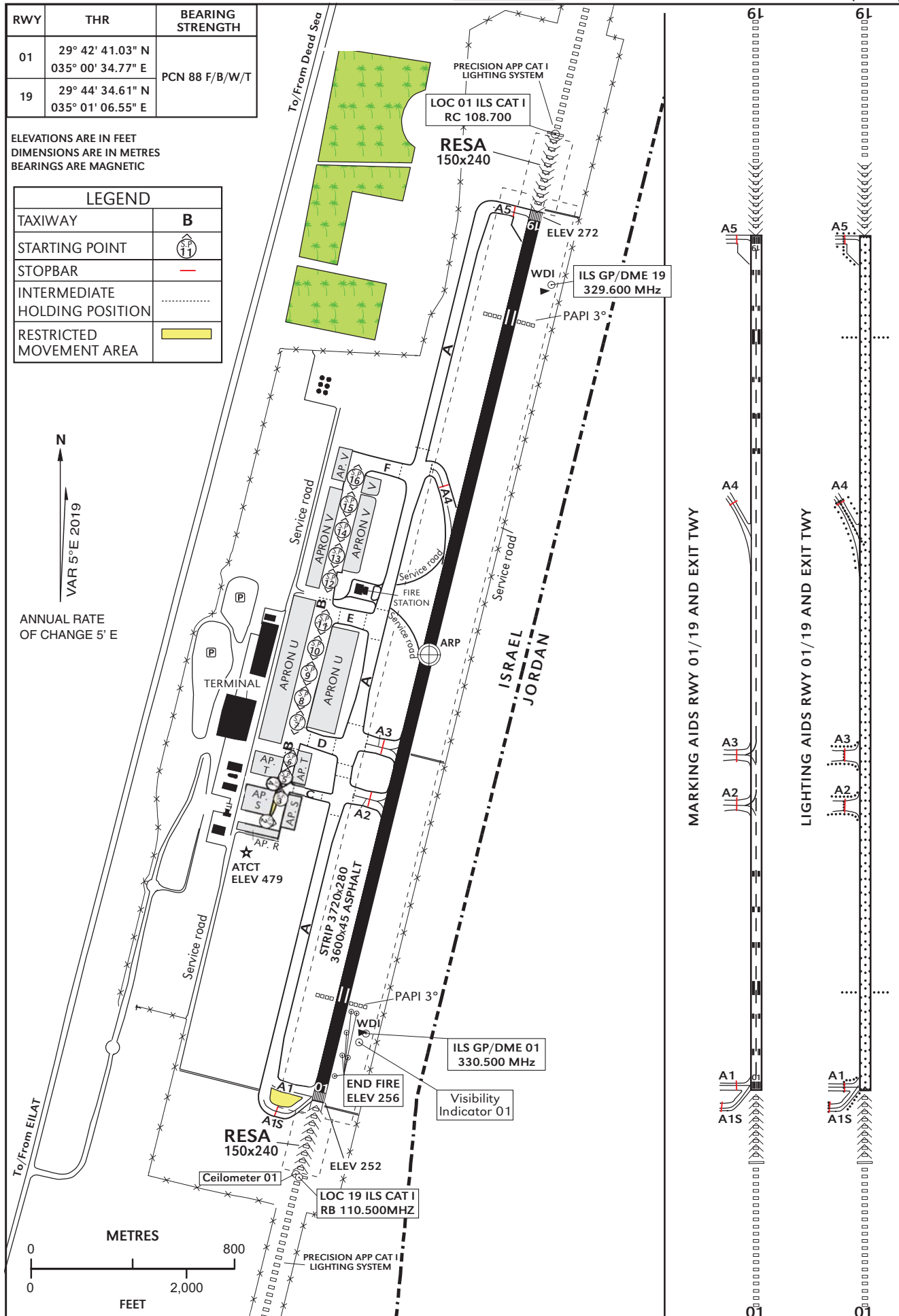
EILAT / ILAN &
ASAF RAMON (LLER)

RWY	THR	BEARING STRENGTH
01	29° 42' 41.03" N 035° 00' 34.77" E	PCN 88 F/B/W/T
19	29° 44' 34.61" N 035° 01' 06.55" E	

ELEVATIONS ARE IN FEET
DIMENSIONS ARE IN METRES
BEARINGS ARE MAGNETIC

LEGEND	
TAXIWAY	B
STARTING POINT	
STOPBAR	—
INTERMEDIATE HOLDING POSITION	----
RESTRICTED MOVEMENT AREA	

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



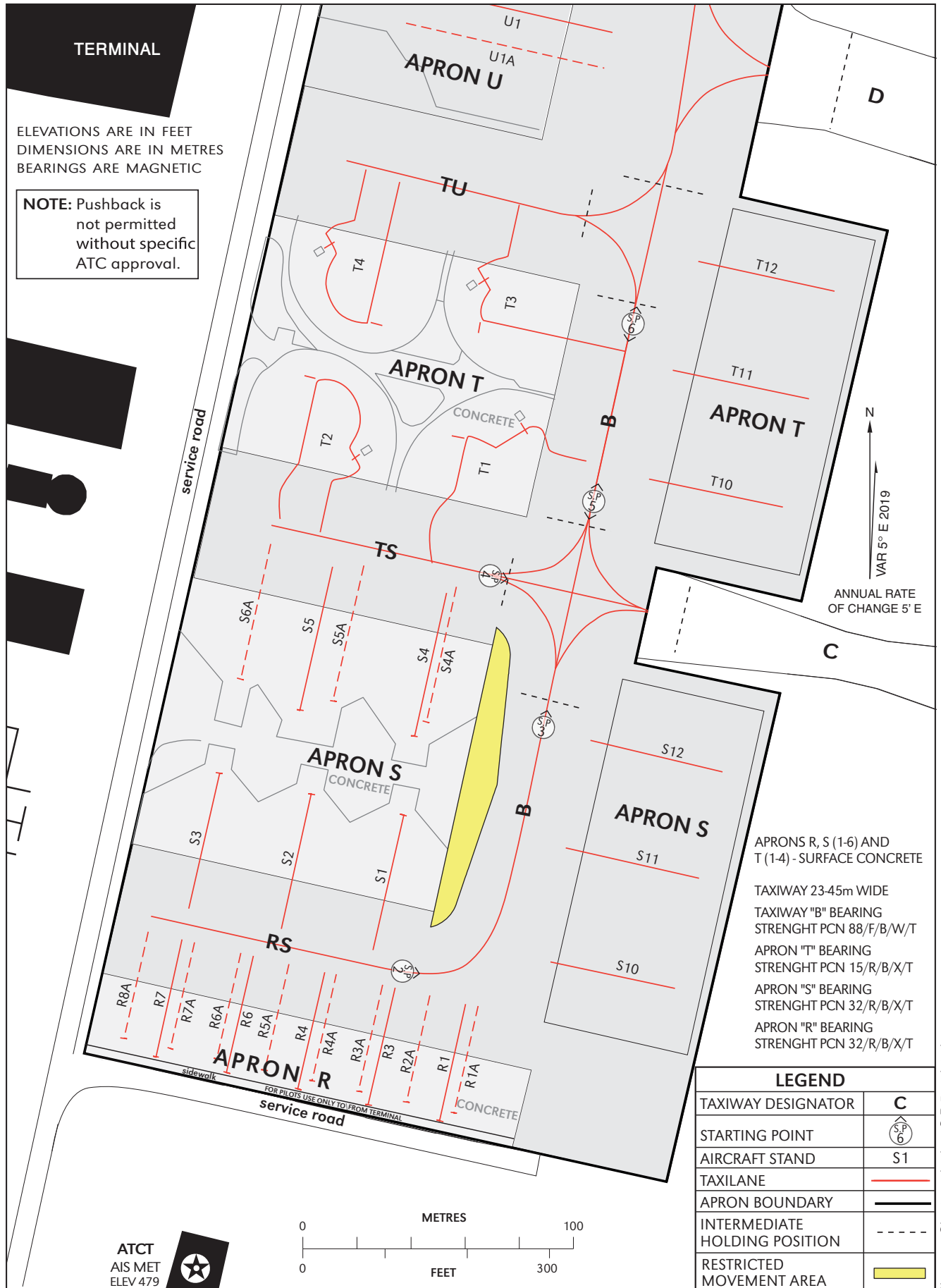
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AIRCRAFT PARKING
CHART - ICAO
APRONS R, S, T

APRON ELEV T - west 286 ft. east 283 ft.
S - west 285 ft. east 282 ft.
R - 283 ft.

ATIS	132.55
GND	121.70
TWR	119.00

EILAT / ILAN &
ASAF RAMON (LLER)



INS Coordinates for Aircraft Stands (GND East)

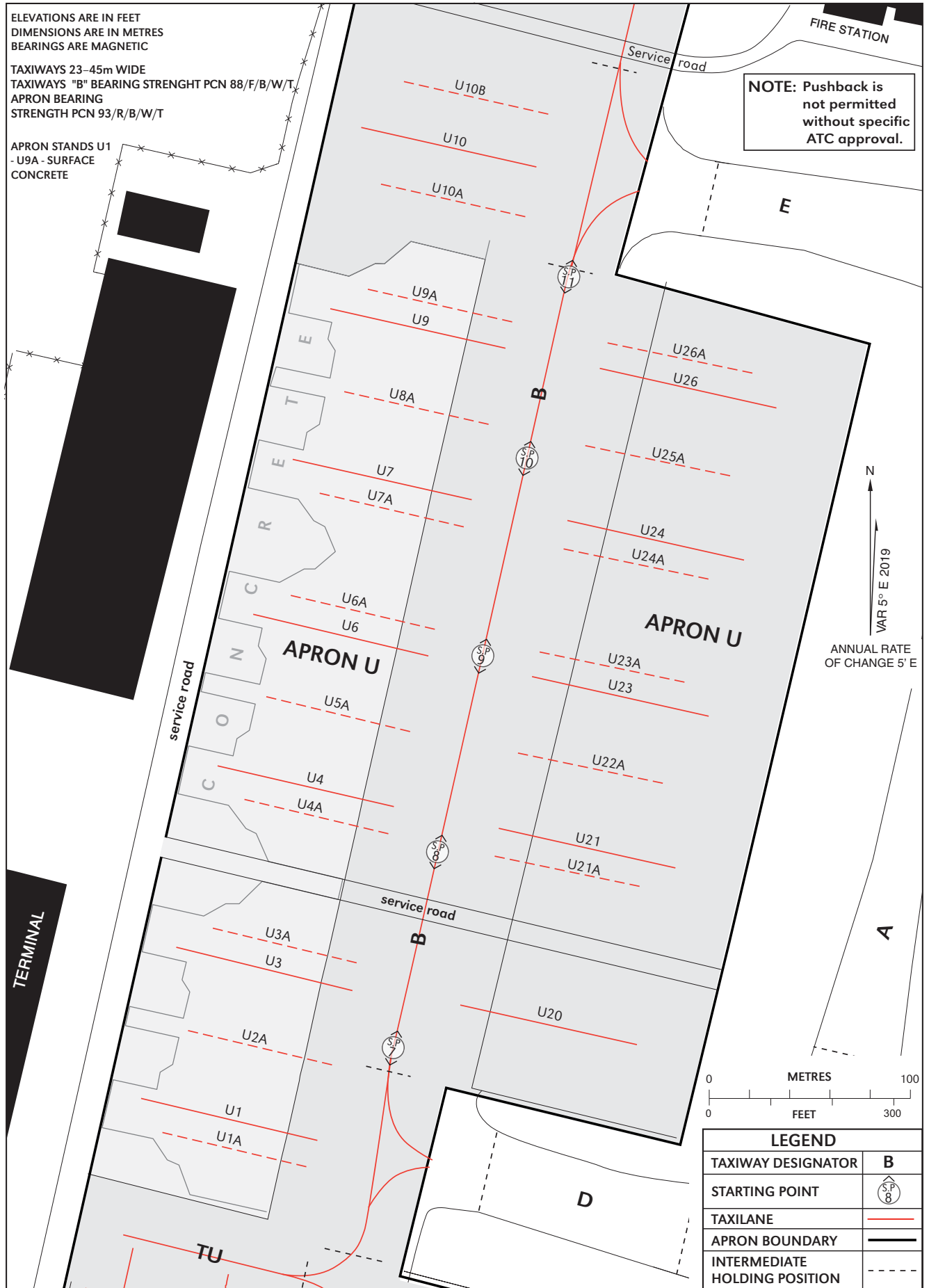
Stand No.	Coordinates	Stand No.	Coordinates
R1	29° 43' 14.85" N 35° 00' 27.71" E	S4	29° 43' 19.49" N 35° 00' 27.43" E
R1A	29° 43' 14.95" N 35° 00' 27.88" E	S4A	29° 43' 19.66" N 35° 00' 27.57" E
R2A	29° 43' 15.09" N 35° 00' 27.23" E	S5	29° 43' 19.83" N 35° 00' 25.87" E
R3	29° 43' 15.06" N 35° 00' 26.72" E	S5A	29° 43' 19.93" N 35° 00' 26.31" E
R3A	29° 43' 15.23" N 35° 00' 26.58" E	S6A	29° 43' 20.19" N 35° 00' 25.05" E
R4	29° 43' 15.27" N 35° 00' 25.74" E	S10	29° 43' 16.40" N 35° 00' 30.94" E
R4A	29° 43' 15.23" N 35° 00' 26.58" E	S11	29° 43' 17.70" N 35° 00' 31.31" E
R5A	29° 43' 15.50" N 35° 00' 25.28" E	S12	29° 43' 18.99" N 35° 00' 31.67" E
R6	29° 43' 15.47" N 35° 00' 24.76" E	T1	29° 43' 22.48" N 35° 00' 28.57" E
R6A	29° 43' 15.64" N 35° 00' 24.63" E	T2	29° 43' 22.87" N 35° 00' 26.73" E
R7	29° 43' 15.68" N 35° 00' 23.79" E	T3	29° 43' 24.89" N 35° 00' 28.16" E
R7A	29° 43' 15.78" N 35° 00' 23.98" E	T4	29° 43' 25.27" N 35° 00' 26.40" E
R8A	29° 43' 15.92" N 35° 00' 23.33" E	T10	29° 43' 22.14" N 35° 00' 32.55" E
S1	29° 43' 18.53" N 35° 00' 27.26" E	T11	29° 43' 23.43" N 35° 00' 32.91" E
S2	29° 43' 18.80" N 35° 00' 26.00" E	T12	29° 43' 24.73" N 35° 00' 33.27" E
S3	29° 43' 19.07" N 35° 00' 24.74" E		

**AIRCRAFT PARKING
CHART - ICAO
APRON U**

APRON ELEV **U** west 292 ft.
U East 288 ft.

ATIS	132.55
GND	121.70
TWR	119.00

**EILAT / ILAN &
ASAF RAMON (LLER)**



INS Coordinates for Aircraft Stands (GND East)

Stand No.	Coordinates	Stand No.	Coordinates
U1	29° 43' 28.56" N 35° 00' 27.05" E	U10	29° 43' 44.17" N 35° 00' 31.42" E
U1A	29° 43' 28.02" N 35° 00' 27.47" E	U10A	29° 43' 43.24" N 35° 00' 31.73" E
U2A	29° 43' 29.66" N 35° 00' 27.93" E	U10B	29° 43' 44.88" N 35° 00' 32.19" E
U3	29° 43' 30.99" N 35° 00' 27.73" E	U20	29° 43' 29.33" N 35° 00' 36.14" E
U3A	29° 43' 31.30" N 35° 00' 28.39" E	U21	29° 43' 32.15" N 35° 00' 36.93" E
U4	29° 43' 33.93" N 35° 00' 28.55" E	U21A	29° 43' 31.84" N 35° 00' 36.27" E
U4A	29° 43' 33.39" N 35° 00' 28.97" E	U22A	29° 43' 33.48" N 35° 00' 36.73" E
U5A	29° 43' 35.03" N 35° 00' 29.43" E	U23	29° 43' 34.58" N 35° 00' 37.61" E
U6	29° 43' 36.36" N 35° 00' 29.23" E	U23A	29° 43' 35.12" N 35° 00' 37.19" E
U6A	29° 43' 36.67" N 35° 00' 29.89" E	U24	29° 43' 37.07" N 35° 00' 38.31" E
U7	29° 43' 38.85" N 35° 00' 29.93" E	U24A	29° 43' 36.76" N 35° 00' 37.65" E
U7A	29° 43' 38.31" N 35° 00' 30.35" E	U25A	29° 43' 38.40" N 35° 00' 38.11" E
U8A	29° 43' 39.95" N 35° 00' 30.81" E	U26	29° 43' 39.50" N 35° 00' 38.99" E
U9	29° 43' 41.28" N 35° 00' 30.61" E	U26A	29° 43' 40.04" N 35° 00' 38.57" E
U9A	29° 43' 41.59" N 35° 00' 31.27" E		

**EILAT / ILAN &
ASAF RAMON (LLER)**



INS Coordinates for Aircraft Stands Apron V

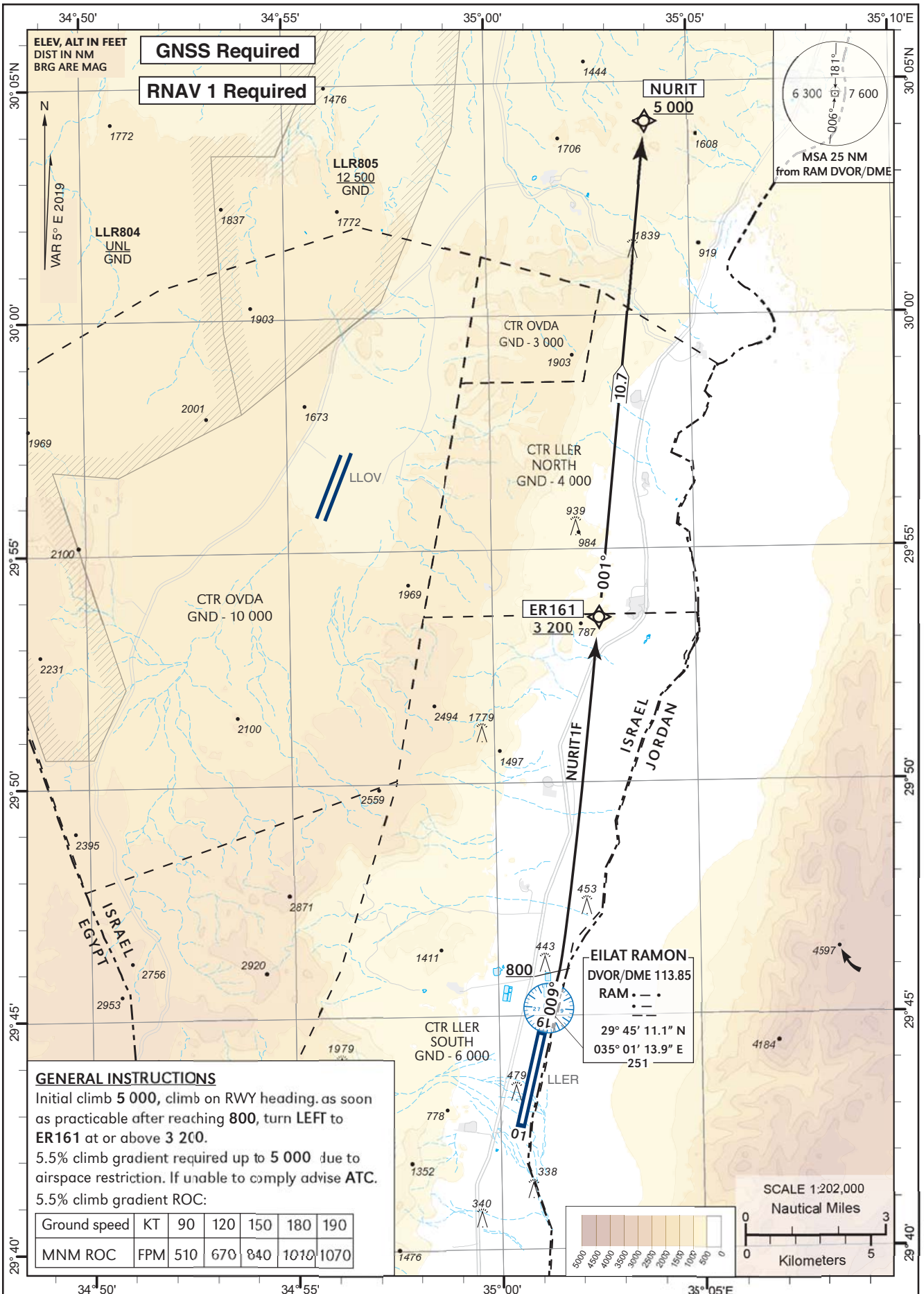
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V2	29° 43' 48.76" N 35° 00' 33.93" E	V12A	29° 44' 03.21" N 35° 00' 37.95" E
V3	29° 43' 50.97" N 35° 00' 34.54" E	V20	29° 43' 49.62" N 35° 00' 40.57" E
V4	29° 43' 52.25" N 35° 00' 34.90" E	V21	29° 43' 51.36" N 35° 00' 41.10" E
V5	29° 43' 53.53" N 35° 00' 35.26" E	V22	29° 43' 53.24" N 35° 00' 41.63" E
V6	29° 43' 54.81" N 35° 00' 35.62" E	V23	29° 43' 55.12" N 35° 00' 42.15" E
V7	29° 43' 56.08" N 35° 00' 35.97" E	V24	29° 43' 56.99" N 35° 00' 42.68" E
V8	29° 43' 57.36" N 35° 00' 36.33" E	V25	29° 43' 59.36" N 35° 00' 43.34" E
V9	29° 43' 58.64" N 35° 00' 36.69" E		
V10	29° 44' 1.05" N 35° 00' 37.36" E		
V11	29° 44' 2.33" N 35° 00' 37.72" E		

STANDARD INSTRUMENT
DEPARTURE CHART
(SID) - ICAO

TRANSITION ALTITUDE BY ATC

ATIS 132.55
TWR 119.00
ACC 120.90

EILAT / ILAN &
ASAF RAMON (LLR)
RWY 01
NURIT1F



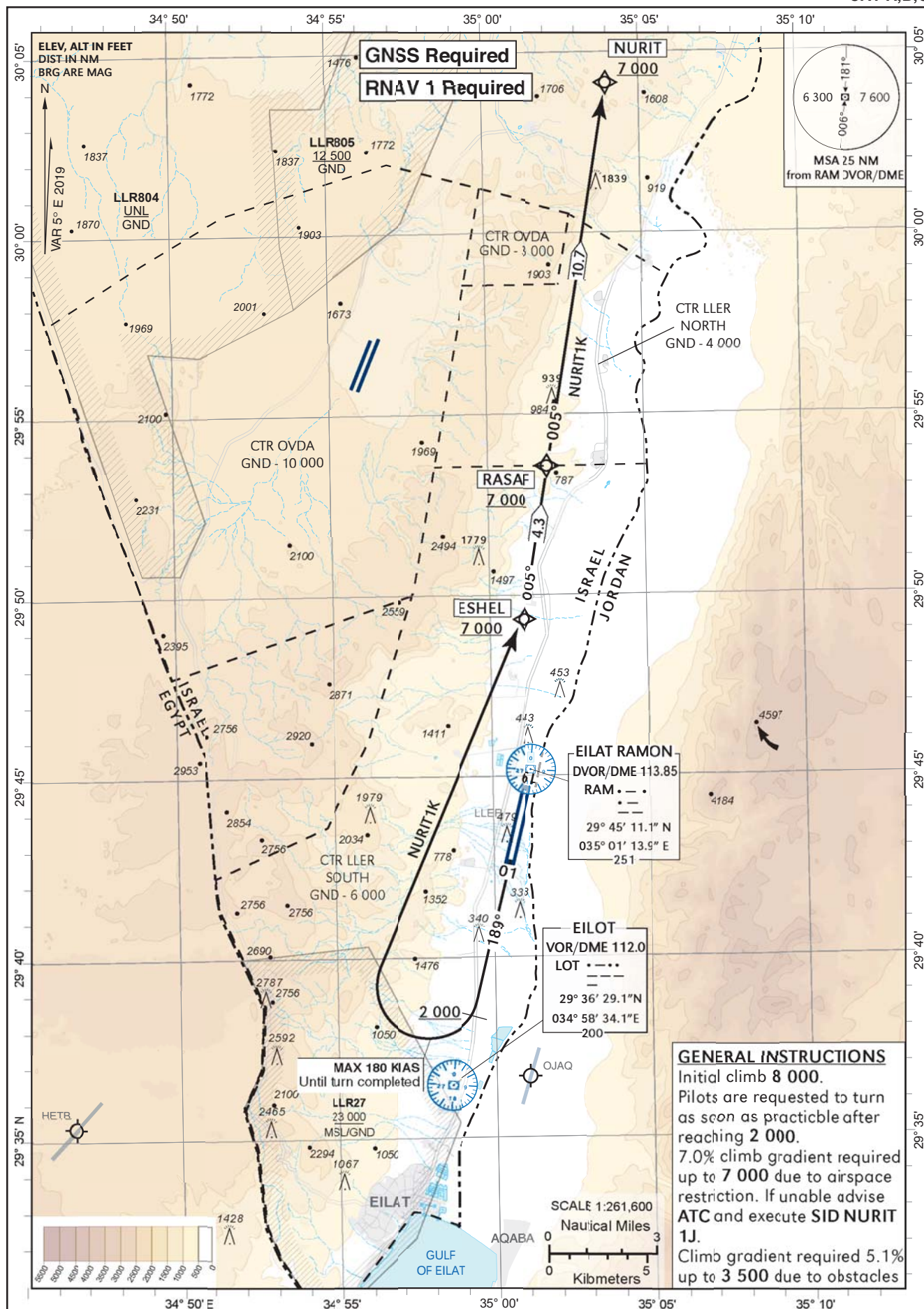
NURIT1F RWY 01

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				009 (013.7)			+800		
RNAV1	DF	ER161	29° 53' 31"N 035° 02' 37" E					+3 200		
RNAV1	TF	NURIT	30° 04' 10"N 035° 03' 57" E		001 (006.2)	10.7		+5 000		

TRANSITION ALTITUDE BY ATC

ATIS	132.55
TWR	119.00
ACC	120.90

EILAT/ILAN &
ASAF RAMON (LLER)
RWY 19
NURIT1K
CAT A,B,C



CHANGES: General Instructions added, CTR OVDA updated

LLER NURIT1K RWY 19

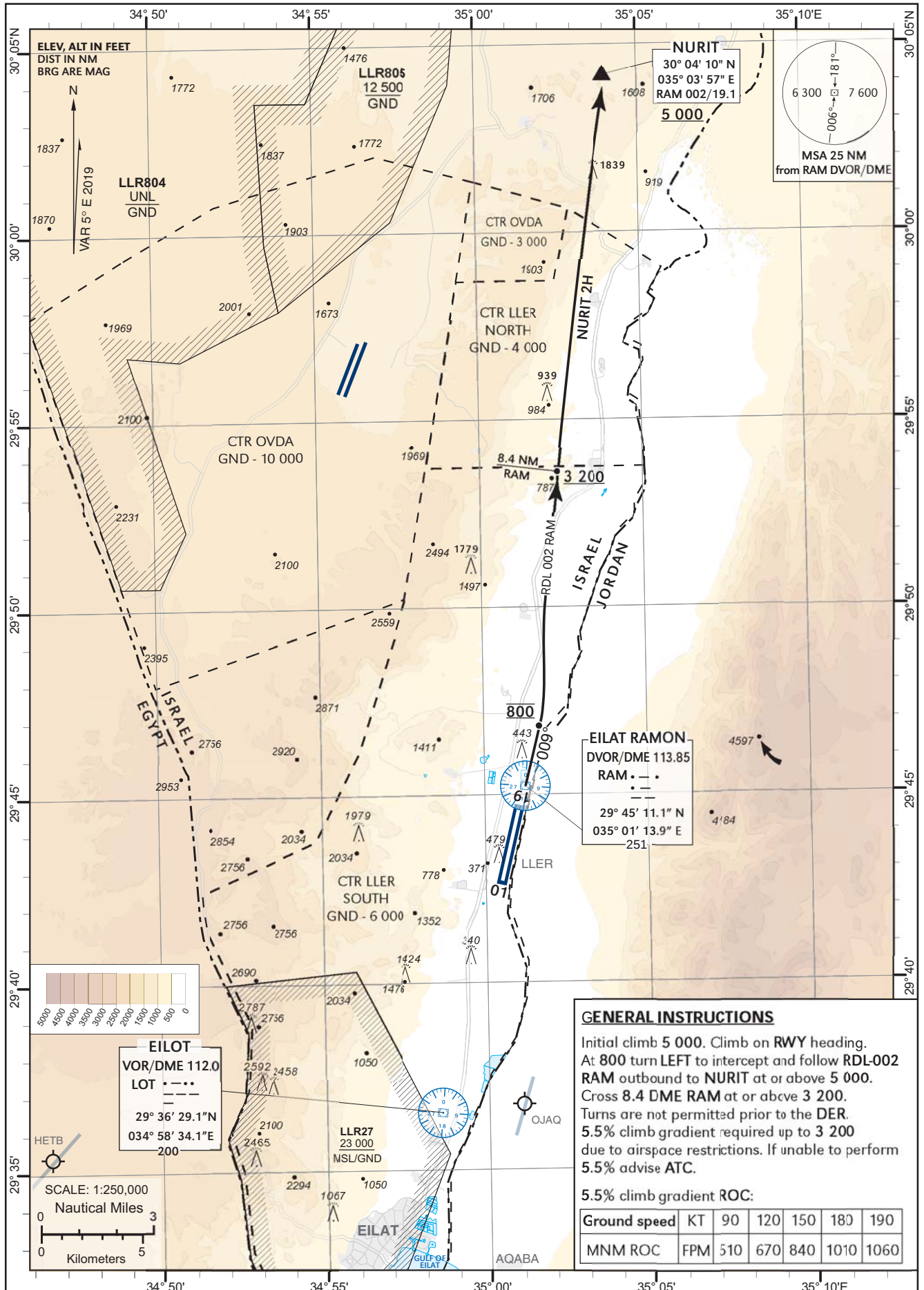
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RNAV1	CA				189 (193.7)			+2 000	- 180	
RNAV1	DF	ESHEL	29° 49' 20" N 035° 01' 04" E				R	+7 000	- 180	
RNAV1	TF	RASAF	29° 53' 35" N 035° 01' 53" E		005 (009.6)	4.3	L	+7 000		
RNAV1	TF	NURIT	30° 04' 10" N 035° 03' 57" E		005 (009.6)	10.7		+7 000		

STANDARD
INSTRUMENT
DEPARTURE
CHART (SID) - ICAO

TRANSITION ALTITUDE BY ATC

ATIS 132.55
TWR 119.00
ACC 120.90

EILAT/ILAN &
ASAF RAMON (LLER)
RWY 01
NURIT 2H



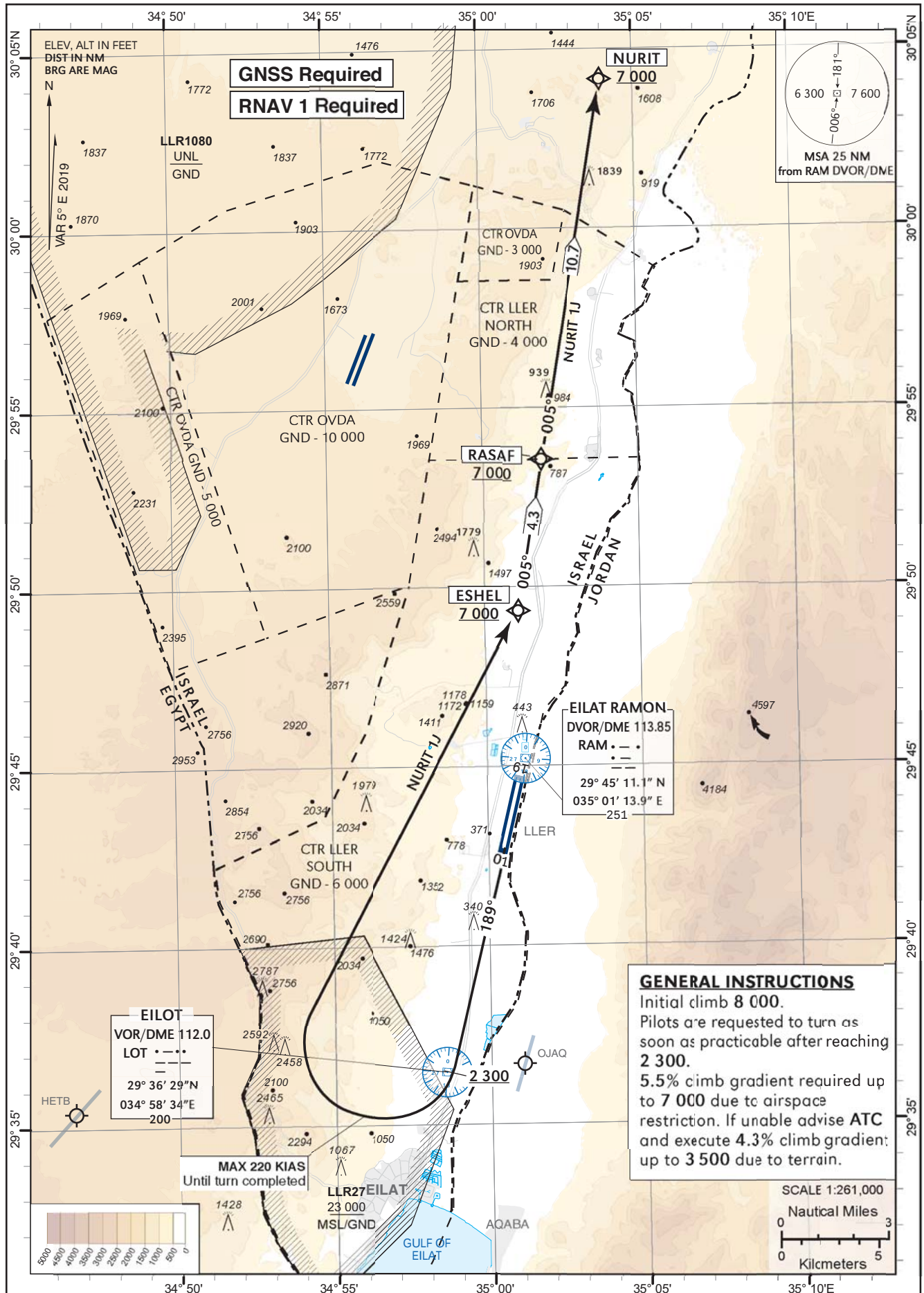
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STANDARD INSTRUMENT
DEPARTURE CHART
(SID) - ICAO

TRANSITION ALTITUDE BY ATC

ATIS	132.55
TWR	119.00
ACC	120.90

EILAT / ILAN &
ASAF RAMON (LLR)
RWY 19
NURIT 1J



NURIT1J RWY 19

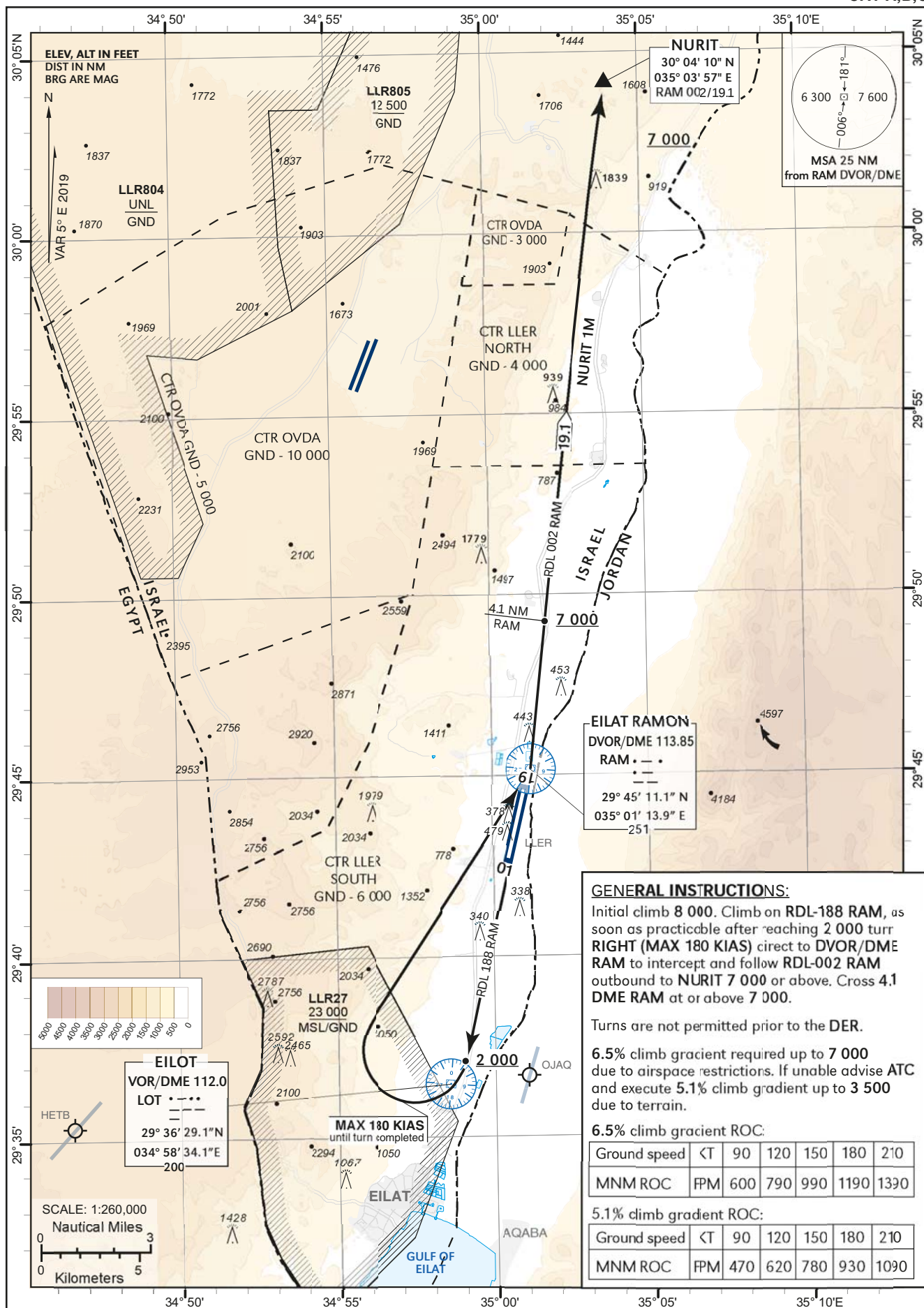
Navigation Specification	Path Descriptor (Recommended)	Waypoint Identifier	Latitude Longitude	Fly-Over	Course/Track M° (T°)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (Kts)	Remarks
RNAV1	CA			-	189 (193.7)			+2 300	-220	
RNAV1	DF	ESHEL	29° 49' 20"N 035° 01' 04" E	-			R	+7 000	-220	
RNAV1	TF	RASAF	29° 53' 35"N 035° 01' 53" E	-	005 (009.6)	4.3	L	+7 000		
RNAV1	TF	NURIT	30° 04' 10"N 035° 03' 57" E		005 (009.6)	10.7		+7 000		

STANDARD
INSTRUMENT
DEPARTURE
CHART (SID) - ICAO

TRANSITION ALTITUDE BY ATC

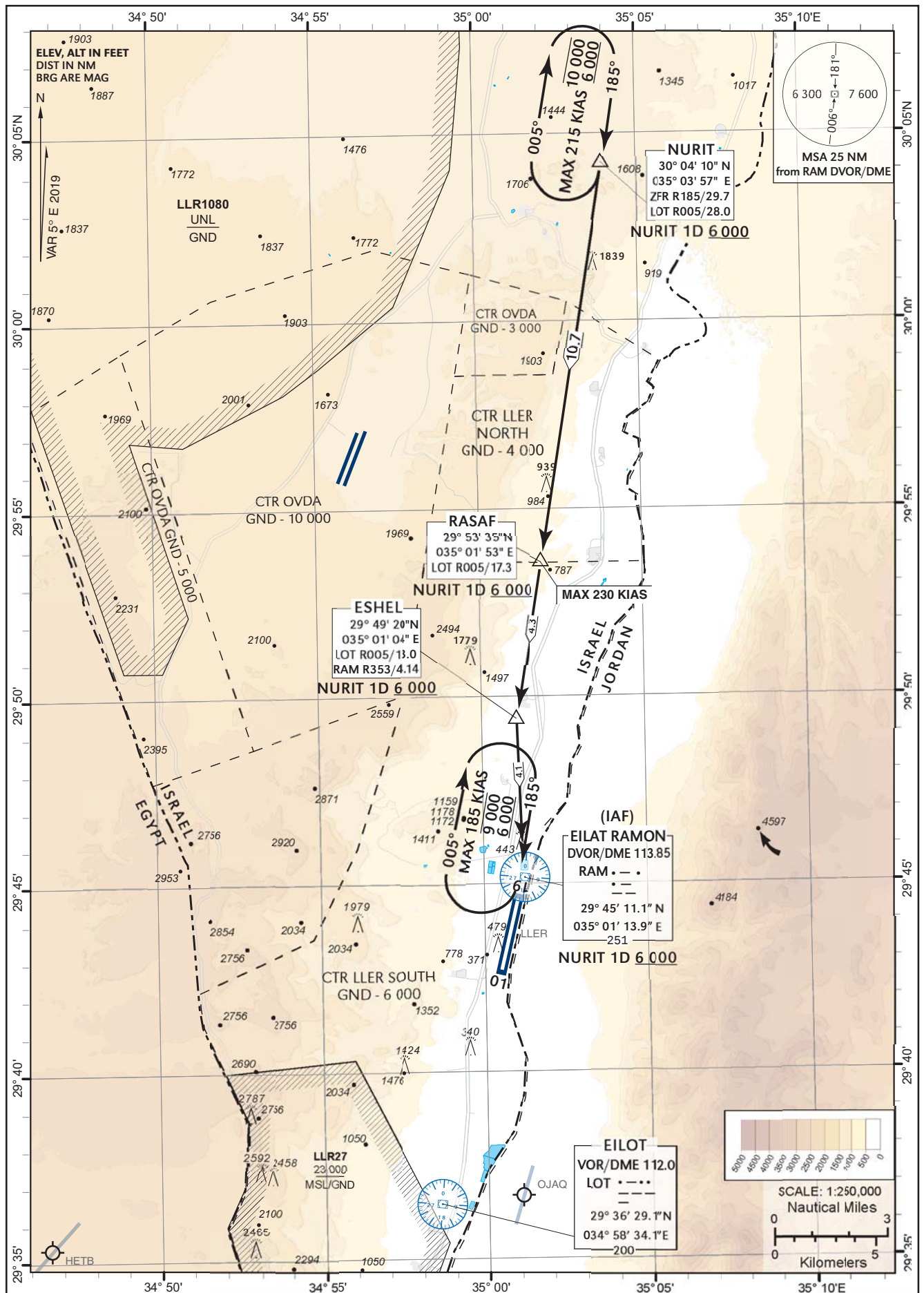
ATIS 132.55
TWR 119.00
ACC 120.90

EILAT/ILAN &
ASAF RAMON (LLER)
RWY 19
NURIT 1M
CAT A,B,C



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**EILAT/ILAN &
ASAF RAMON (LLER)
RWY 01
NURIT 1D**



CHANGES: Remark at IAF removed.

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**EILAT/ILAN &
ASAF RAMON (LLER)
RWY 19
NURIT 1N**



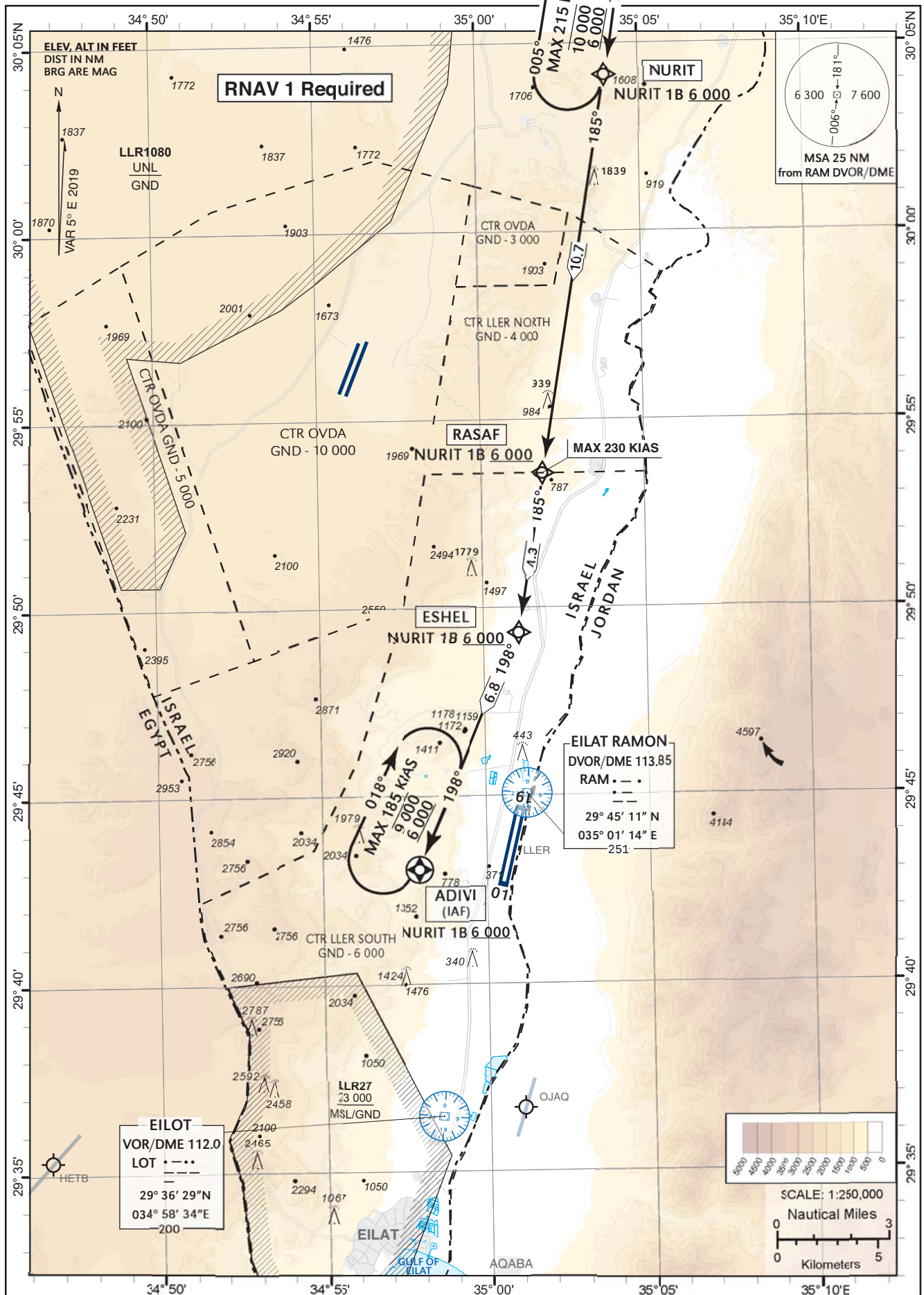
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STANDARD
INSTRUMENT
ARRIVAL (STAR)
CHART - ICAO

TRANSITION ALTITUDE BY ATC
AD ELEV 288 ft
HEIGHTS RELATED TO
THR RWY 01 - ELEV 252 ft

ATIS 132.55
ACC 120.90
TWR 119.00

EILAT/ILAN &
ASAF RAMON (LLR)
RWY01
NURIT 1B



NURIT1B RWY 01

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	NURIT	30° 04' 10"N 035° 03' 57" E	-				+6 000		
RNAV1	TF	RASAF	29° 53' 35"N 035° 01' 53" E	-	185 (189.6)	10.7		+6 000	-230	
RNAV1	TF	ESHEL	29° 49' 20"N 035° 01' 04" E	-	185 (189.6)	4.3		+6 000		
RNAV1	TF	ADIVI	29° 43' 05"N 034° 57' 57" E	-	198 (203.5)	6.8	R	+6 000		IAF

NURIT 1B Holding Identification

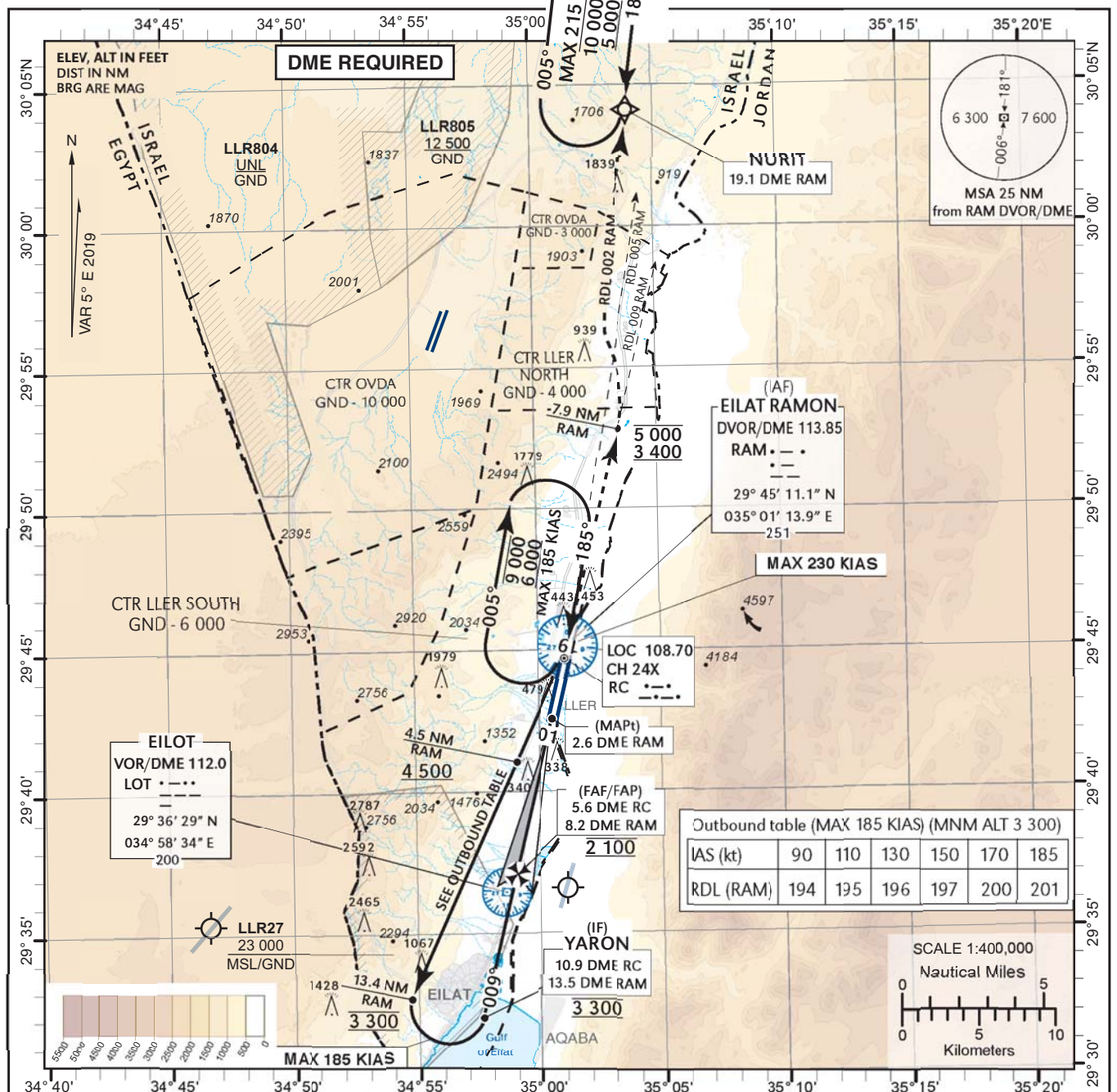
Holding Fix	Latitude Longitude	Inbound Course/Track M° (T°)	MAX IAS (Kts)	Altitude (ft)	Outbound Time / Distance	Turn Direction
NURIT	30° 04' 10"N 035° 03' 57" E	185 (190.2)	215	-10 000 +6 000	1 Min	R
ADIVI	29° 43' 05"N 034° 57' 57" E	198 (203.5)	185	-9 000 +6 000	1 Min	R

NURIT holding outbound limiting distance is 6.4NM

Requires RNAV hold functionality

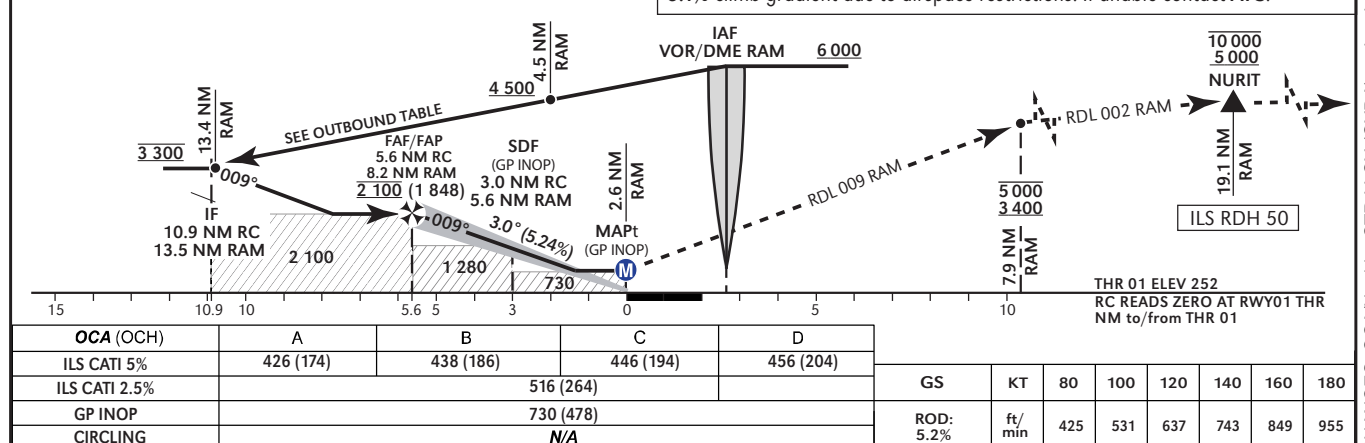
INSTRUMENT
APPROACH
CHART - ICAOAD ELEV
HEIGHTS RELATED TO
THR RWY 01 - ELEV
288 ft
252 ft

TA BY ATC

ATIS 132.55
ACC 120.90
TWR 119.00EILAT/ILAN &
ASAF RAMON (LLER)
ILS RWY 01

ILS DME (RC)	5 NM	4 NM	3 NM	2 NM	1 NM
ALT (HAT)	1920 (1670)	1590 (1340)	1270 (1020)	950 (700)	620 (370)

MISSED APPROACH: Initial climb 5 000, climb on RWY heading to intercept and follow RDL-009 RAM outbound to 7.9 DME RAM at 3 400 MNM & 5 000 MAX, contact ATC and expect instructions. 7.9 DME RAM at 3 400 requires a 5.1% climb gradient due to airspace restrictions. If unable contact ATC.



LLER ILS RWY 01

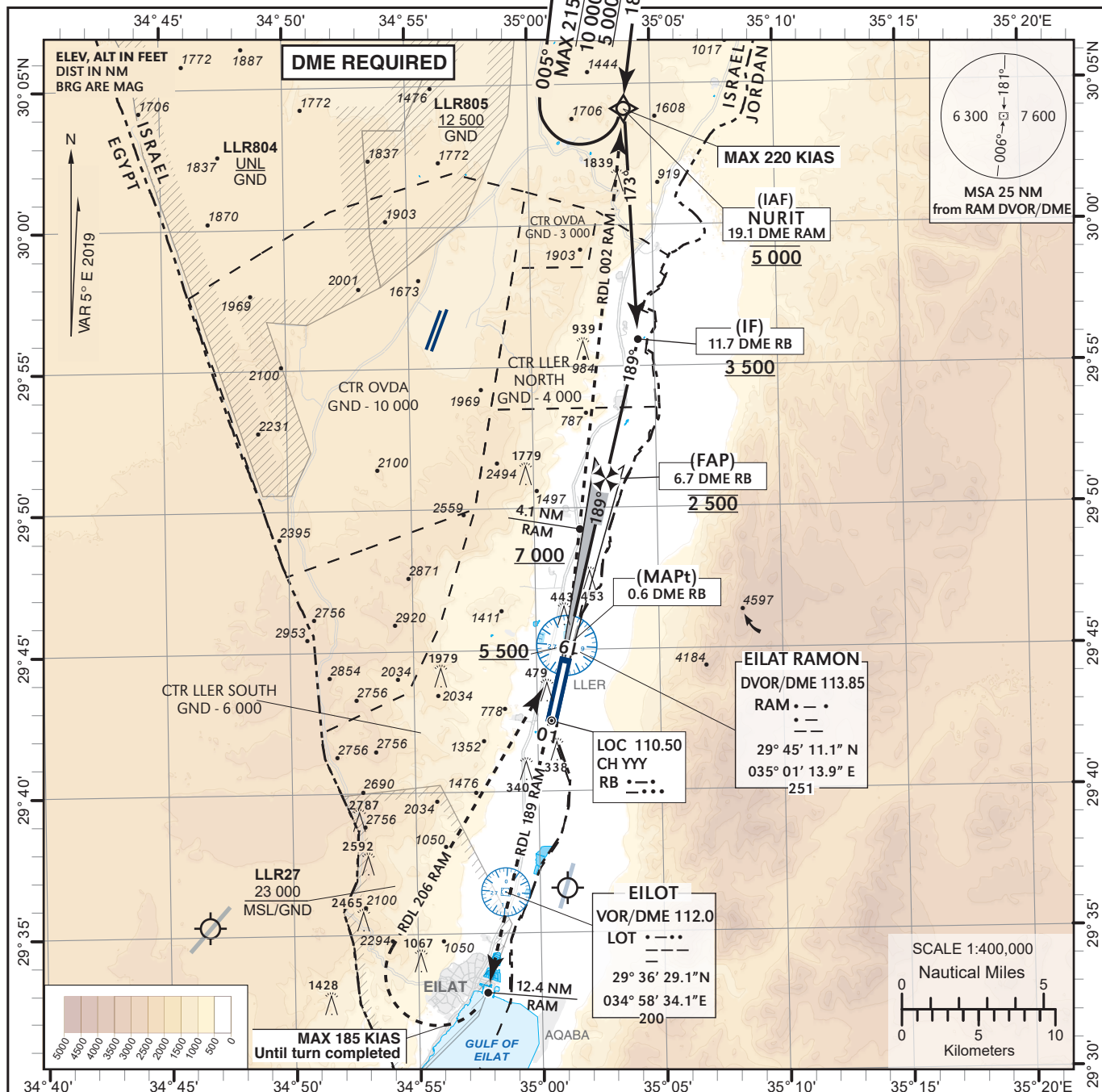
Significant Point	Latitude Longitude	True Azimut (Reference)	DME distance
RAM VOR/DME (IAF)	29° 45' 11.1"N 035° 01' 13.9" E		
YARON (IF)	29° 32' 04.1"N 034° 57' 36.9" E	193.73° (LOC01)	10.90 DME RC* 13.46 DME RAM
FAF	29° 37' 16.1"N 034° 59' 0.40" E	193.73° (LOC01)	5.56 DME RC* 8.2 DME RAM
MAPt (GP INOP)	29° 42' 41.0"N 035° 00' 34.8" E		2.60 DME RAM
NURIT	30° 04' 10.0"N 035° 03' 57.0" E	007.10° (RAM)	19.08 DME RAM

* 0 at THR

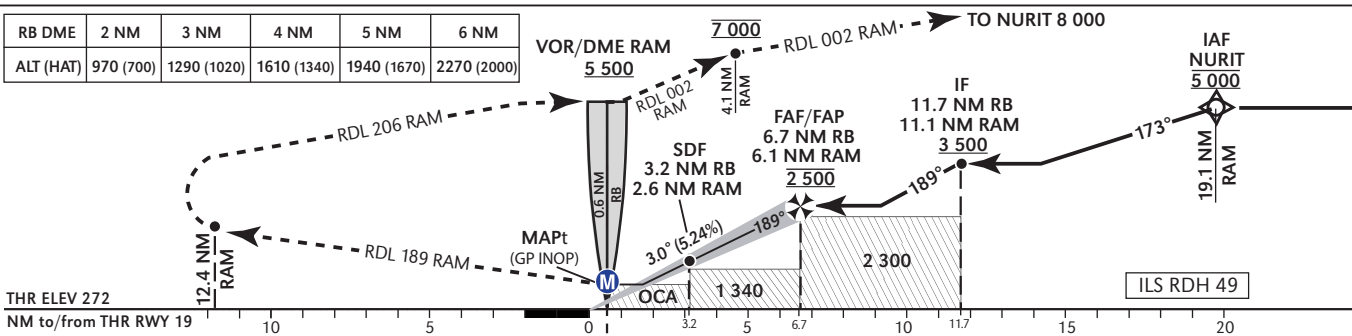
Precision Final Approach - Descent angle (Slope)	3.00° (5.24%)
Non Precision Final Approach – Slope (Descent angle)	5.32% (3.05°)

HOLDING IDENTIFICATION

Holding Fix	Latitude Longitude	Inbound Course/Track M° (T°)	MAX IAS (Kts)	Altitude (ft)	Outbound Time / Distance	Turn Direction
RAM	29° 45' 11"N 035° 01' 14" E	185 (190.1)	185	-9 000 +6 000	1 Min	R
NURIT	30° 04' 10"N 035° 03' 57" E	185 (190.2)	215	-10 000 +5 000	1 Min	R

INSTRUMENT
APPROACH
CHART - ICAOAD ELEV 288 ft
HEIGHTS RELATED TO
THR RWY 19 - ELEV 272 ftTA BY ATC
ATIS 132.55
ACC 120.90
TWR 119.00EILAT/ILAN &
ASAF RAMON (LLER)
ILS RWY 19

MISSED APPROACH: Initial climb 8 000, climb on RWY course to intercept and follow RDL-189 RAM outbound until 12.4 DME RAM. Turn RIGHT (MAX 185 KIAS until turn completed) to intercept and follow RDL-206 RAM inbound to RAM DVOR/DME at 5 500 or above. Proceed on RDL-002 RAM outbound to cross 4.1 DME RAM at 7 000 or above, to NURIT at 8 000 and HOLD (4.1 DME RAM at 7 000 requires 4% climb gradient due to airspace restrictions. If unable contact ATC).



OCA (OCH)	A	B	C	D	GS	KT	80	100	120	140	160	180
ILS CAT I 2.5%		670 (398)										
ILS CAT I 4.0%	426 (154)	438 (166)	446 (174)	457 (185)								
GP INOP		730 (458)										
CIRCLING		N/A										

LLER ILS/LOC only RWY 19

Significant Point	Latitude Longitude	True Azimut (Reference)	DME distance	Speed (Kts)
NURIT (IAF)	30° 04' 10.0"N 035° 03' 57.0" E		19.08 DME RAM	-220
IF	29° 55' 59.1"N 035° 04' 18.5" E	13.72° (LOC 19)	11.72 DME RB* 11.1 DME RAM	
FAF/ FAP	29° 51' 07.0"N 035° 02' 56.5" E	13.72° (LOC 19)	6.72 DME RB* 6.1 DME RAM	
MAPt GP INOP	29° 45' 09.7"N 035° 01' 16.4" E		0.6 DME RB*	

* 0 at THR

Precision Final Approach - Descent angle (Slope)	3.00° (5.24%)
Non Precision Final Approach – Slope (Descent angle)	5.32° (3.05%)

NURIT HOLDING IDENTIFICATION

Holding Fix	Latitude Longitude	Inbound Course/Track M° (T°)	MAX IAS (Kts)	Altitude (ft)	Outbound Time / Distance	Turn Direction
NURIT	30° 04' 10"N 035° 03' 57" E	185 (190.2)	215	-10 000 +5 000	1 Min	R

RNP RWY 19

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	NURIT	30° 04' 10"N 035° 03' 57" E					+5 000	-220	IAF
RNAV1	TF	ER921	29° 56' 09"N 035° 04' 21" E		172 (177.5)	8.0		+3 600		IF
RNP APCH	TF	ER922	29° 51' 17.2"N 035° 02' 59.3" E		189 (193.7)	5.0	R	+2 500		FAF
RNP APCH	CF	RWY19	29° 44' 34.60"N 035° 01' 06.50" E	Y	189 (193.7)			+322		MAPt

Non Precision Final Approach – Slope (Descent angle)	5.24% (3.0°)
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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	ER923	29° 33' 06"N 034° 57' 54" E	Y	189 (193.7)				-185	
RNAV1	DF	ESHEL	29° 49' 20"N 035° 01' 04" E				R	+7 000		
RNAV1	TF	NURIT	30° 04' 10"N 035° 03' 57" E		005 (009.6)	15.0	L	@8000		
RNAV1	HM	NURIT	30° 04' 10"N 035° 03' 57" E	Y	185 (190.2)		R	-10 000 +5 000	-215	

HOLDING IDENTIFICATION

Holding Fix	Latitude Longitude	Inbound Course/Track M° (T°)	MAX IAS (Kts)	Altitude (ft)	Outbound Time / Distance	Turn Direction
NURIT	30° 04' 10"N 035° 03' 57" E	185 (190.2)	215	-10 000 +5 000	1 Min	R

INSTRUMENT
APPROACH
CHART - ICAO

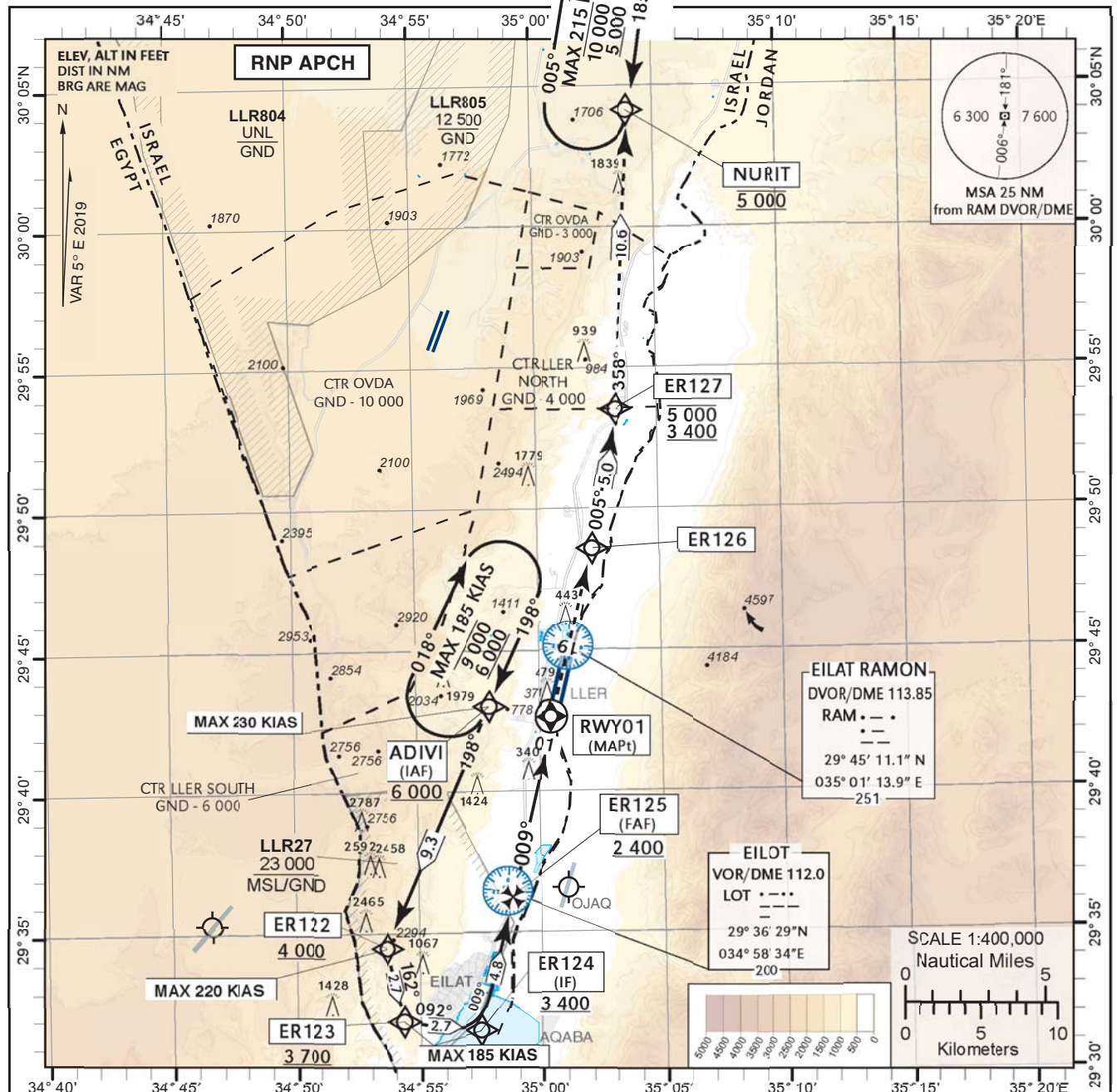
AD ELEV
HEIGHTS RELATED TO
THR RWY 01 - ELEV

288 ft
252 ft

TA BY ATC

ATIS 132.55
ACC 120.90
TWR 119.00

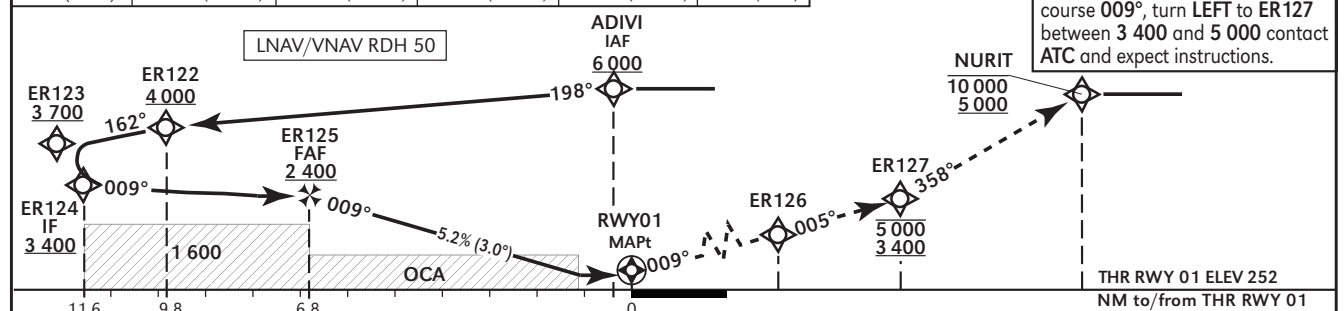
EILAT/ILAN &
ASAF RAMON (LLER)
RNP RWY 01



RWY 01	6 NM	5 NM	4 NM	3 NM	2 NM
ALT (HAT)	2 210 (1 958)	1 900 (1 650)	1 580 (1 328)	1 260 (1 008)	940 (688)

MISSED APPROACH:

Initial climb 5 000, to ER126 on course 009°, turn LEFT to ER127 between 3 400 and 5 000 contact ATC and expect instructions.



OCA (H)		A	B	C	D	Circling				N/A			
LNAV	2.5%	810 (560)											
	4.5%	730 (480)											
LNAV/ VNAV*	2.5%	640 (390)	640 (390)	640 (390)	670 (420)	GS	KT	80	100	120	140	160	180
* BARO-VNAV Temperature MNM -10C/MAX 60 C						ROD: 5.2%	ft/min	424	531	637	743	849	955

* BARO-VNAV Temperature MNM -10C/MAX 60 C

CHANGES: OCA (H) changed.

RNP RWY 01

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	ADIVI	29° 43' 05"N 034° 57' 57" E					+6 000	-230	IAF
RNAV1	TF	ER122	29° 34' 31"N 034° 53' 42" E		198 (203.3)	9.3		+4 000	-220	
RNAV1	TF	ER123	29° 31' 56"N 034° 54' 22" E		162 (167.4)	2.7	L	+3 700	-185	
RNAV1	TF	ER124	29° 31' 35"N 034° 57' 29" E		092 (097.4)	2.7	L	+3 400	-185	IF
RNP APCH	TF	ER125	29° 36' 16.0"N 034° 58' 47.1" E		009 (013.7)	4.8	L	+2 400		FAF
RNP APCH	CF	RWY01	29° 42' 41.00"N 035° 00' 34.80" E	Y	009 (013.7)			+302		MAPt

Non Precision Final Approach – Slope (Descent angle)	5.24% (3.0°)
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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	ER126	29° 48' 37"N 035° 02' 15" E		009 (013.7)					
RNAV1	TF	ER127	29° 53' 35"N 035° 03' 16" E		005 (110.1)	5.0		-5 000 +3 400		
RNAV1	TF	NURIT	30° 04' 10"N 035° 03' 57" E		358 (003.2)	10.6		@5 000		
RNAV1	HM	NURIT	30° 04' 10"N 035° 03' 57" E	Y	185 (190.2)		R	-10 000 +5 000	-215	

HOLDING IDENTIFICATION

Holding Fix	Latitude Longitude	Inbound Course/Track M° (T°)	MAX IAS (Kts)	Altitude (ft)	Outbound Time / Distance	Turn Direction
NURIT	30° 04' 10"N 035° 03' 57" E	185 (190.2)	215	-10 000 +5 000	1 Min	R
ADIVI	29° 43' 05"N 034° 57' 57" E	198 (203.5)	185	-9 000 +6 000	1 Min	R

**VISUAL
APPROACH CHART**

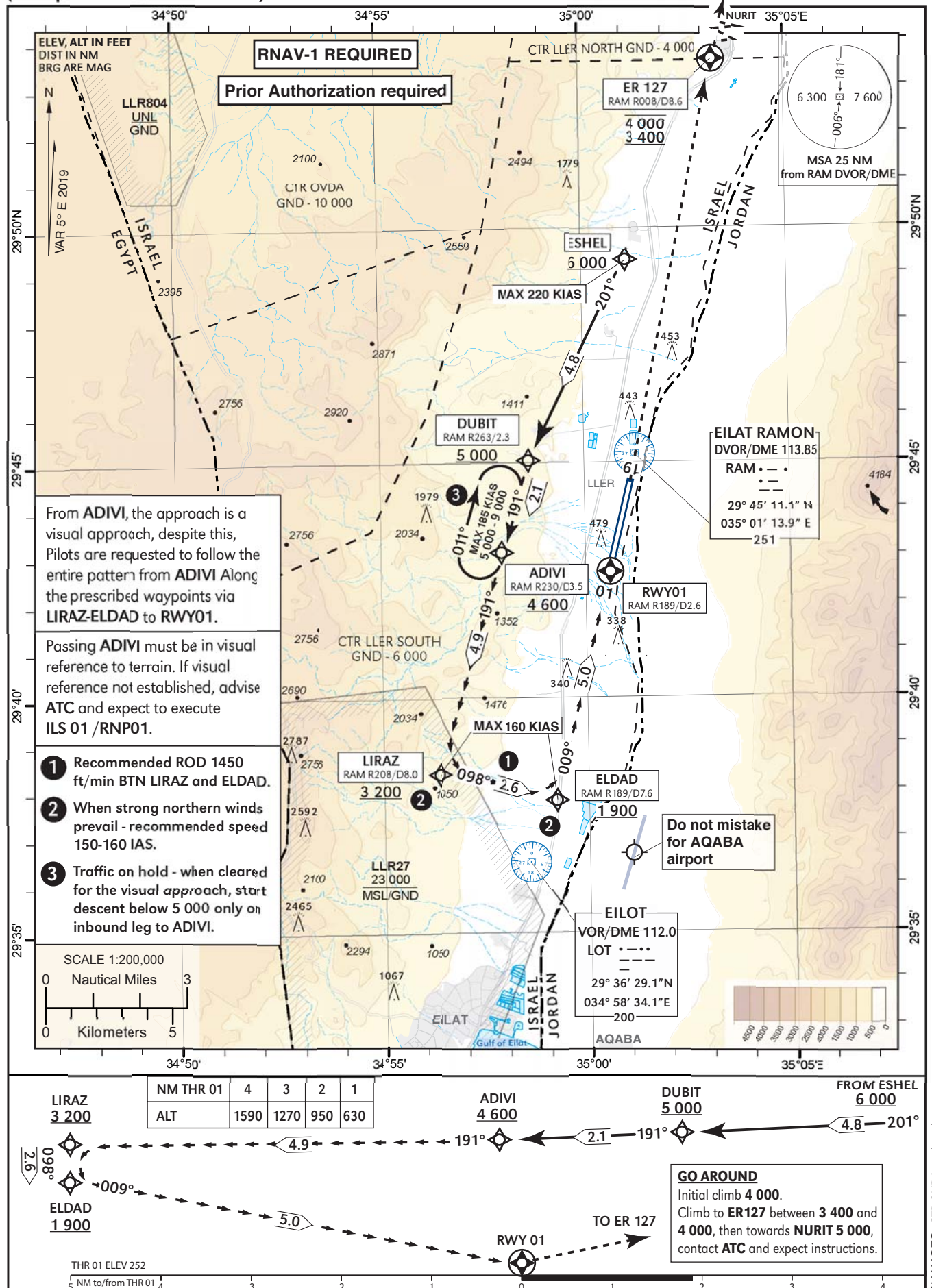
(with prescribed RNAV track)

AD ELEV 288 ft
OCH RELATED TO
THR RWY 01- ELEV 252 ft

TA BY ATC

ATIS 132.55
ACC 120.90
TWR 119.00

**EILAT/ILAN &
ASAF RAMON (LLER)**
ADIVI approach RWY 01



LLER - ADIVI RNAV VISUAL RWY 01

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	ESHEL	29° 49' 20" N 035° 01' 04" E					+6 000	-220	
RNAV1	TF	DUBIT	29° 45' 04" N 034° 58' 37" E		201 (206.5)	4.8		+5 000		
RNAV1	TF	ADIVI	29° 43' 05" N 034° 57' 57" E		191 (196.3)	2.1	L	+4 600		
RNAV1	TF	LIRAZ	29° 38' 23" N 034° 56' 22" E		191 (196.5)	4.9		+3 200	-160	
RNAV1	TF	ELDAD	29° 37' 49" N 034° 59' 13" E		098 (103.1)	2.6	L	+1 900	-160	
RNAV1	TF	RWY01	29° 42' 41.03" N 035° 00' 34.77" E	Y	009 (013.7)	5.0	L		-160	
Go Around										
RNAV1	TF	ER127	29° 53' 35" N 035° 03' 16" E	Y	007 (012.1)	11.1		-4 000 +3 400		
RNAV1	TF	NURIT	30° 04' 10" N 035° 03' 57" E		358 (003.2)	10.6		-10 000 +5 000		
RNAV1	HM	NURIT	30° 04' 10" N 035° 03' 57" E	Y	185 (190.2)		R	-10 000 +5 000	-215	

HOLDING IDENTIFICATION

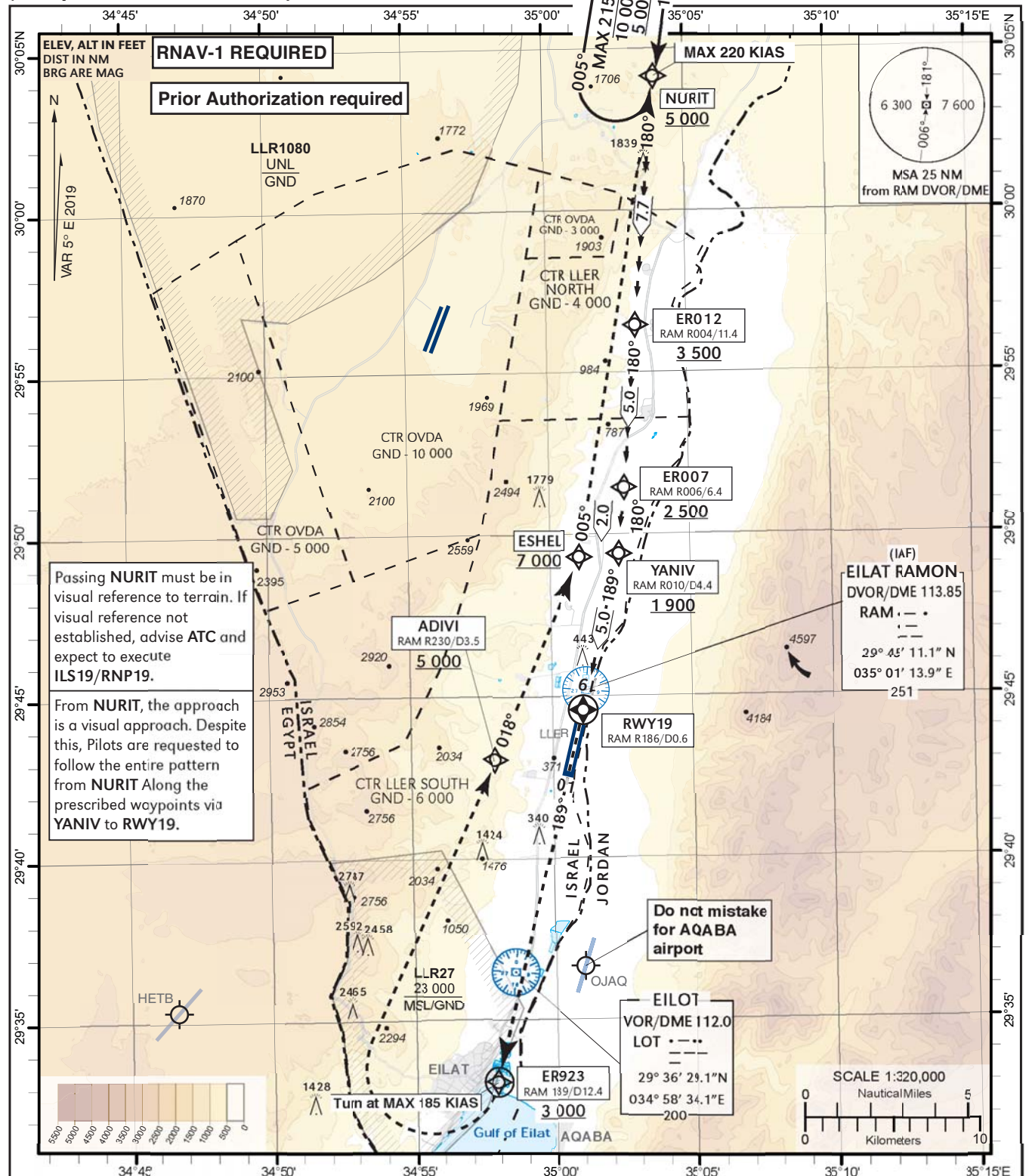
Holding Fix	Latitude Longitude	Inbound Course/Track M° (T°)	MAX IAS (Kts)	Altitude (ft)	Outbound Time / Distance	Turn Direction
NURIT	30° 04' 10"N 035° 03' 57" E	185 (190.2)	215	-10 000 +5 000	1 Min	R
ADIVI	29° 43' 05"N 034° 57' 57" E	191 (196.3)	185	-9 000 +5 000	1 Min	R

**VISUAL
APPROACH CHART**

(with prescribed RNAV track)

AD ELEV 288 ft
HEIGHTS RELATED TO
THR RWY 19 - ELEV 272 ft

TA BY ATC

ATIS 132.55
ACC 120.90
TWR 119.00**EILAT/ILAN &
ASAF RAMON (LLER)**
NURIT approach RWY 19**GO AROUND**

Initial climb 8 000, Climb to ER923 3 000 or above, turn RIGHT (MAX 185 KIAS) direct to ADIVI 5 000 or above, ESHEL 7 000 or above, NURIT 8 000 and hold.

To ER923

RWY19

THR 19 ELEV 272
NM TO THR 19

0

5

7

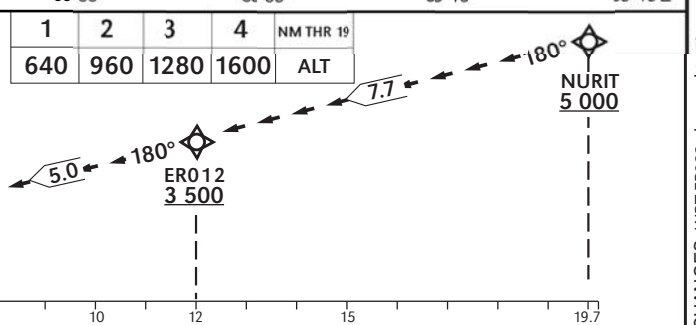
10

12

15

17.7

19.7



LLER - NURIT RNAV VISUAL RWY 19

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	NURIT	30° 04' 10" N 035° 03' 57" E					+5 000	-220	
RNAV1	TF	ER012	29° 56' 28" N 035° 03' 10" E		180 (185.0)	7.7		+3 500		
RNAV1	TF	ER007	29° 51' 28" N 035° 02' 40" E		180 (185.0)	5.0		+2 500		
RNAV1	TF	YANIV	29° 49' 25" N 035° 02' 28" E		180 (185.0)	2.1		+1 900		
RNAV1	TF	RWY19	29° 44' 34.60"N 035° 01' 06.50" E	Y	189 (193.7)	5.0				
Go Around										
RNAV1	TF	ER923	29° 33' 06" N 034° 57' 54" E	Y	189 (193.7)	11.8		+3 000		
RNAV1	DF	ADIVI	29° 43' 05" N 034° 57' 57" E				R	+5 000	-185	
RNAV1	TF	ESHEL	29° 49' 20" N 035° 01' 04" E		018 (023.5)	6.8		+7 000		
RNAV1	TF	NURIT	30° 04' 10" N 035° 03' 57" E		005 (009.6)	15.0	L	@8 000		
RNAV1	HM	NURIT	30° 04' 10" N 035° 03' 57" E	Y	185 (190.2)		R	-10 000 +5 000	-215	

HOLDING IDENTIFICATION

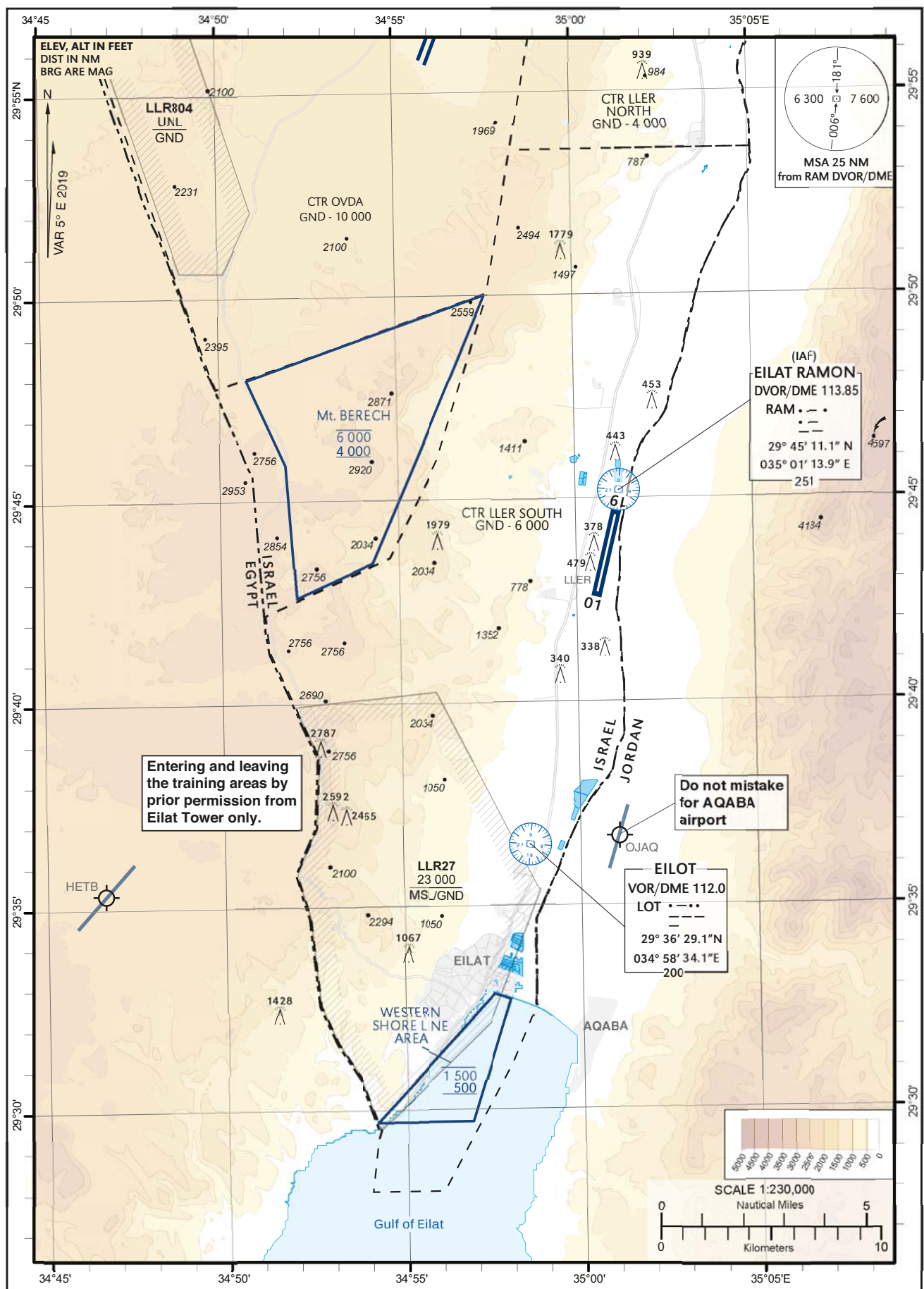
Holding Fix	Latitude Longitude	Inbound Course/Track M° (T°)	MAX IAS (Kts)	Altitude (ft)	Outbound Time / Distance	Turn Direction
NURIT	30° 04' 10"N 035° 03' 57" E	185 (190.2)	215	-10 000 +5 000	1 Min	R

TRAINING AREAS

AD ELEV 288 ft

ATIS 132.55
TWR 119.00
ACC 120.90

EILAT/ILAN &
ASAF RAMON (LLER)



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