

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	<i>ARP coordinates and site at AD</i>	294338N 0350051E 14°/1 800 M from THR 01
2	<i>Direction and distance from city</i>	019°, 20 km from Eilat city center
3	<i>Elevation/Reference temperature</i>	288 ft./40.2°C (August)
4	<i>Geoid undulation at AD ELEV PSN</i>	20 meters
5	<i>MAG VAR/Annual change</i>	5°E (2019)/0.08° increasing
6	<i>AD Administration, address, telephone, telefax, telex, AIS, AFS</i>	Israel Airports Authority (IAA) Eilat/Ilan & Asaf Ramon International Airport P.O. Box 42 Eilat 8810001 Tel: +972-8-9553881, +972-8-9553799 AIS: Tel: +972-8- 9553600, +972-8- 9553601 AFS: LLERZPZX SITA: ETMELXH Email: teum_eilat@iaa.gov.il WEB: www.iaa.gov.il
7	<i>Types of traffic permitted (IFR/VFR)</i>	IFR/CVFR
8	<i>Remarks</i>	Nil

LLER AD 2.3 OPERATIONAL HOURS

1	<i>AD Administration</i>	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	<i>Customs and immigration</i>	As AD administration
3	<i>Health and sanitation</i>	As AD administration
4	<i>AIS briefing office</i>	As AD administration
5	<i>ATS Reporting Office (ARO)</i>	As AD administration
6	<i>MET briefing office</i>	Israel Meteorological Service meteorological watch office, Bet Dagan (LLBD).
7	<i>ATS</i>	H24
8	<i>Fueling</i>	Hours: As AD administration Beyond operating hours: 24 hours' notice required. Tel: (via Airport OPS) +972-8- 9553600
9	<i>Handling</i>	AeroHandling & Laufer GHI Hours: As AD administration Tel: (via Airport OPS) +972-8- 9553600
10	<i>Security</i>	As AD administration
11	<i>De-icing</i>	Nil
12	<i>Remarks</i>	Nil

LLER AD 2.4 HANDLING SERVICES AND FACILITIES

1	<i>Cargo-handling facilities</i>	AeroHandling & Laufer GHI Tel: (via Airport OPS) +972-8- 9553600
2	<i>Fuel/oil types</i>	Jet A-1 & 100LL, Oil - NIL
3	<i>Fueling facilities/capacity</i>	All stands through bowsers

4	<i>De-icing facilities</i>	Nil
5	<i>Hangar space for visiting aircraft</i>	Nil
6	<i>Repair facilities for visiting aircraft</i>	Nil
7	<i>Remarks</i>	Nil

LLER AD 2.5 PASSENGER FACILITIES

1	<i>Hotels</i>	In the city of Eilat
2	<i>Restaurants</i>	At AD and in the city
3	<i>Transportation</i>	Taxis and buses outside terminal
4	<i>Medical facilities</i>	First aid & ambulance at AD "Yoseftal" hospital in the city of Eilat
5	<i>Bank and post office</i>	At AD and in the city
6	<i>Tourist office</i>	At AD and in the city
7	<i>Remarks</i>	Nil

LLER AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	<i>AD category for fire fighting</i>	Within AD HR: CAT 9
2	<i>Rescue equipment</i>	Ambulances and fire fighting vehicles
3	<i>Capability for removal of disabled aircraft</i>	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	<i>Remarks</i>	Nil

LLER AD 2.7 SEASONAL AVAILABILITY - CLEARING

NA

LLER AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1	<i>Apron surface and strength</i>	<p>"R" APRON Surface: Concrete Strength: PCN 32/R/B/X/T, Code C A/C</p> <p>"S" APRON Surface: Concrete and Asphalt Strength: PCN 32/R/B/X/T, Code C A/C</p> <p>"T" APRON Surface: Concrete and Asphalt Strength: PCN 15/R/B/X/T, Code C A/C</p> <p>"U" APRON Surface: Concrete and Asphalt Strength: PCN 93/R/B/W/T, Code E A/C</p> <p>"V" APRON Surface: Asphalt Strength: PCN TBD, Code TBD A/C</p>
2	<i>Taxiway width, surface and strength</i>	<p>Taxiway "A" (main taxiway): 23.0 m width. Surface: Asphalt, PCN 88/F/B/W/T Code E A/C.</p> <p>Taxiway "A1" Holding Point: 30.9 m width. Surface: Asphalt, PCN 88/F/B/W/T Code E A/C.</p>

		<p>Taxiway "A1S" Holding Point: 33.6 m width. Surface: Asphalt, PCN 88/F/B/W/T Code E A/C.</p> <p>Taxiway "A2": 38.8 m width. Surface: Asphalt, PCN 88/F/B/W/T Code E A/C.</p> <p>Taxiway "A3": 38.8 m width. Surface: Asphalt, PCN 88/F/B/W/T Code E A/C.</p> <p>Taxiway "A4" Rapid Exit: 25.0 m width. Surface: Asphalt, PCN 88/F/B/W/T Code E A/C.</p> <p>Taxiway "A5": 30.9 m width. Surface: Asphalt, PCN 88/F/B/W/T Code E A/C.</p> <p>Taxiway "A5" Holding Point: 72.0 m width. Surface: Asphalt, PCN 88/F/B/W/T Code E A/C.</p> <p>Taxiway "B": 44.0 m width. Surface: Asphalt, PCN 88/F/B/W/T Code E A/C. Connecting between the aprons and Taxiways C, D, E, F</p> <p>Taxiway "C": 18.0 m width. Surface: Asphalt, PCN 88/F/B/W/T Code C A/C.</p> <p>Taxiway "D": 39.8 m width. Surface: Asphalt, PCN 88/F/B/W/T Code E A/C.</p> <p>Taxiway "E": 40.0 m width. Surface: Asphalt, PCN 88/F/B/W/T Code E A/C.</p> <p>Taxiway "F": 36.0 m width. Surface: Asphalt, PCN 88/F/B/W/T Code D A/C.</p>
3	<i>ACL location and elevation</i>	<p>APRON "R", Elevation: 283 FT.</p> <p>APRON "S-west", Elevation: 285 FT.</p> <p>APRON "S-east", Elevation: 282 FT.</p> <p>APRON "T-west", Elevation: 286 FT.</p> <p>APRON "T-east", Elevation: 283 FT.</p> <p>APRON "U-west", Elevation: 292 FT.</p> <p>APRON "U-east", Elevation: 288 FT.</p> <p>APRON "V-west", Elevation: 294FT.</p> <p>APRON "V-east", Elevation: 291FT.</p>
4	<i>VOR checkpoints</i>	Nil
5	<i>INS checkpoints</i>	See aircraft parking chart
6	<i>Remarks</i>	Nil

LLER AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS

1	<i>Use of aircraft stands ID signs, TWY guide lines and visual parking guidance of aircraft stand.</i>	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	<i>RWY and TWY markings and LGT</i>	RWY: Designation, THR, edge, runway end as appropriate, marked and lighted, Center line, AIM point, TDZ marked. TWY: Designation, holding position, as appropriate, marked and lighted. Center line marked.
3	<i>Stop bars</i>	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	<i>Remarks</i>	Nil

LLER AD 2.10 AERODROME OBSTACLES*

<i>In Area 2c</i>						
<i>OBST ID/ Designation</i>	<i>OBST type</i>	<i>OBST position</i>	<i>Elevation/Height</i>		<i>Markings/Type, colour</i>	<i>remarks</i>
a	b	c	d		e	f
LLER 2	Transmission Line Tower	29° 42' 03.8" N 34° 59' 31.0" E	339	96	No marking or lighting	Nil
LLER 3	Transmission Line Tower	29° 42' 13.0" N 34° 59' 30.6" E	367	103	No marking or lighting	Nil
LLER 8	Transmission Line Tower	29° 42' 34.1" N 34° 59' 29.7" E	404	102	No marking or lighting	Nil
LLER 9	Transmission Line Tower	29° 42' 23. 6" N 34° 59' 30. 1" E	384	101	No marking or lighting	Nil
LLER 103	Transmission Line Tower	29° 47' 27.0" N 35° 01' 07.3" E	444	121	No marking or lighting	Nil
LLER 104	Transmission Line Tower	29° 47' 07.2" N 35° 01' 03.0" E	434	119	No marking or lighting	Nil
LLER 105	Transmission Line Tower	29° 47' 17.1" N 35° 01' 05.2" E	440	119	No marking or lighting	Nil
LLER 106	Transmission Line Tower	29° 46' 26.1" N 35° 00' 53.9" E	386	119	No marking or lighting	Nil
LLER 107	Transmission Line Tower	29° 46' 36.5" N 35° 00' 56.2" E	399	118	No marking or lighting	Nil
LLER 108	Transmission Line Tower	29° 46' 46.8" N 35° 00' 58.5" E	411	117	No marking or lighting	Nil
LLER 109	Transmission Line Tower	29° 46' 57.0" N 35° 01' 00.8" E	419	114	No marking or lighting	Nil
LLER 110	Transmission Line Tower	29° 46' 15.6" N 35° 00' 51.6" E	379	121	No marking or lighting	Nil
LLER 111	Transmission Line Tower	29° 45' 55.8" N 35° 00' 46.6" E	387	110	No marking or lighting	Nil
LLER 112	Transmission Line Tower	29° 46' 5.9" N 35° 00' 49.5" E	370	104	No marking or lighting	Nil
LLER 113	Transmission Line Tower	29° 45' 36.9" N 35° 00' 41.3" E	411	110	No marking or lighting	Nil

<i>In Area 2c (Continued)</i>						
<i>OBST ID/ Designation</i>	<i>OBST type</i>	<i>OBST position</i>	<i>Elevation/Height</i>		<i>Markings/Type, colour</i>	<i>remarks</i>
a	b	c	d		e	f
LLER 115	Transmission Line Tower	29° 45' 46.0" N 35° 00' 43.9" E	398	107	No marking or lighting	Nil
LLER 118	Transmission Line Tower	29° 45' 19.2" N 35° 00' 36.3" E	409	100	No marking or lighting	Nil
LLER 119	Transmission Line Tower	29° 45' 27.9" N 35° 00' 38.8" E	406	102	No marking or lighting	Nil
LLER 126	Transmission Line Tower	29° 45' 10.3" N 35° 00' 33.7" E	411	103	No marking or lighting	Nil
LLER 127	Transmission Line Tower	29° 45' 01.2" N 35° 00' 31.3" E	405	100	No marking or lighting	Nil
LLER 333	Transmission Line Tower	29° 43' 51.9" N 34° 59' 26.5" E	532	99	No marking or lighting	Nil
LLER 336	Transmission Line Tower	29° 44' 12.6" N 34° 59' 25.7" E	524	97	No marking or lighting	Nil
LLER 1005	Antenna	29° 45' 08.6" N 35° 00' 57.4" E	414	146	No marking or lighting	Nil
LLER 1006	Antenna	29° 42' 29.2" N 34° 59' 45.2" E	383	101	No marking or lighting	Nil
<i>In Area 3</i>						
<i>OBST ID/ Designation</i>	<i>OBST type</i>	<i>OBST position</i>	<i>ELEV/HGT</i>		<i>Markings/Type, colour</i>	<i>remarks</i>
a	b	c	d		e	f
NIL	NIL	NIL	NIL		NIL	NIL

*** - CHAPTER LLER AD 2.10 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.**

LLER AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	<i>Associated MET office</i>	Israel Meteorological Service, Bet Dagan (LLBD)
2	<i>Hours of service MET office outside hours</i>	Observations available at AD administration working hours, Briefing available from LLBD 24H each day. Alternate Aerodrome for LLBG -24H.
3	<i>Office responsible for TAF preparation Periods of validity</i>	Israel Meteorological Service, Bet Dagan (LLBD) 24 HR (Long TAF)
4	<i>Type of landing forecast Intervals of issuance</i>	TBD
5	<i>Briefing/consultation provided</i>	Telephone briefing with the Meteorological Watch Office at Israel Meteorological Service, Bet Dagan, can be established in the aerodrome meteorological station.
6	<i>Flight documentation Language(s) used</i>	Charts, OPMET information, SIGMET, Aerodrome Warnings and low level forecasts for TEL-AVIV FIR available in ICAO abbreviated language or in English
7	<i>Charts and other information available for briefing or consulting</i>	Low level and upper wind and temperature chart for standard isobaric surface. Significant weather chart (low level, medium and high level)
8	<i>Supplementary equipment available for providing information</i>	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	<i>ATS units provided with information</i>	Eilat Ramon TWR
10	<i>Additional information (limitation of service, etc.)</i>	Nil

LLER AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

<i>Designations RWY NR</i>	<i>TRUE BRG</i>	<i>Dimensions of RWY (M)</i>	<i>Strength (PCN) and surface of RWY and SWY</i>	<i>THR coordinates RWY end coordinates THR geoid undulation</i>	<i>THR elevation and highest elevation of TDZ of precision APP RWY</i>	<i>Slope of RWY-SWY</i>
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
<i>SWY Dimensions (m)</i>	<i>CWY Dimensions (m)</i>	<i>Strip Dimensions (m)</i>	<i>Dimensions of RESA (m)</i>	<i>Location and description of arresting system</i>	<i>OFZ</i>	<i>Remarks</i>
8	9	10	11	12	13	14
Nil	300 X 150	3 720 X 300	RESA RWY 01 – 240x150	Nil	Available	Nil
Nil	300 X 150	3 720 X 300	RESA RWY 19 – 240x150	Nil	Available	Nil

LLER AD 2.13 DECLARED DISTANCES

<i>RWY designator</i>	<i>TORA (M)</i>	<i>TODA (M)</i>	<i>ASDA (M)</i>	<i>LDA (M)</i>	<i>Remarks</i>
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	2 300	2 600	2 300	Nil	Take-off from intersection with A3
01-A2	2 400	2 700	2 400	Nil	Take-off from intersection with A2
19-A4	2 301	2 601	2 301	Nil	Take-off from intersection with A4
19-A3	1 411	1 711	1 411	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

<i>RWY Des-ignator</i>	<i>APCH LGT type LEN INTST</i>	<i>THR LGT colour, WBAR</i>	<i>PAPI (MEHT)</i>	<i>TDZ LGT LEN</i>	<i>RWY Centre Line LGT Length, spacing, colour, INTST</i>	<i>RWY edge LGT LEN, spacing colour INTST</i>	<i>RWY End LGT colour WBAR</i>	<i>SWY LGT LEN (M) colour</i>	<i>Remarks</i>
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+W NBR 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	<p>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.</p>	<p>THR+W NBR type CAT I Colour – green; Distance between lights - 1.5m interline circuit</p>	<p>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</p>	<p>Nil</p>	<p>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</p>	<p>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.</p>	<p>Type CAT I Colour - red; Distance between lights - 6m Interlined circuit</p>	<p>Nil</p>	<p>Nil</p>
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LLER AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

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

LLER AD 2.16 HELICOPTER LANDING AREA

Take Off and Landing only on the Runway.

LLER AD 2.17 ATS AIRSPACE

1.	<i>Designation and lateral limits</i>	<p>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).</p>
2.	<i>Vertical limits</i>	<p>CTR North - SFC to 4 000 FT MSL CTR South - SFC to 6 000 FT MSL</p>
3.	<i>Airspace classification</i>	See ENR 1.4

4.	ATS unit call sign Language(s)	Eilat Ramon Tower English
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 Ramon Control	119.000 MHz	H24	Primary freq.
		122.000 MHz	H24	Secondary Freq.
		121.500 MHz	H24	Emergency freq.
GND	Ramon Ground Control	121.700 MHz	H24	Primary freq.
		121.800 MHz	H24	Secondary Freq.
		121.500 MHz	H24	Emergency freq.
ATIS	Eilat Ramon 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 VOL/ILS/MLS, give declination)	ID	Frequency	Hours of operation	Site 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/ Dash es	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/ Dash es	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:

etmacxh@iaa.gov.il.

Aerodrome available as alternate - H24.

Aircraft wishing to land and/or park should request prior permission, from the Eilat Ramon Ground Operations, before submitting a flight plan.

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

At EILAT/ILAN AND ASAF Ramon Airport a number of local regulations apply. The regulations are collected in a manual which is available at the AIS briefing office. This manual includes, among other subjects, the following:

- a) The meaning of markings and signs;
- b) information about aircraft stands including visual docking guidance systems;
- c) information about taxi from aircraft stands including taxi clearance;
- d) limitations in the operation of large aircraft including limitations in the use of the aircraft's own power for taxiing;
- e) helicopter operations;
- f) Marshaller assistance and towing procedure;
- g) use of engine power exceeding idle power;
- h) engine start-up and use of APU;
- i) fuel spillage; and
- j) Precautions during extreme weather conditions.

Marshaller assistance can be requested.

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 can be requested from the TWR.

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

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 Ground Operations.

A request for a training slot should be submitted by email directly to the Eilat ATC Manager as follows:

- a. In order to be a part of the weekly plan (sun-sat):
 - 1) A request should be submitted by the operator not later than 12:00 Tuesday on the preceding week.
 - 2) A request that will be submitted later will be attended as a low priority request according to availability.
- b. 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.

- c. 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.).
- d. Tel. for a training Info – 08-9553666.

Instrument training flight that had been approved by Eilat TWR manager/ ATC Supervisor will submit a standard flight plan on the day of the flight.

The following restrictions apply:

- a. Training flights are permitted daily during Operational Hours.
- b. 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.
- c. Training flights by Ultra- light aircraft & propeller driven parachutes are not permitted.

Eilat/ILAN AND ASAF Ramon TWR Manager / ATC Supervisor is authorized to accept a request by phone according to circumstances.

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.

LLER AD 2.21 NOISE ABATEMENT 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. Procedures for IFR flights within Eilat Ramon CTR

Not applicable.

4. Arrivals – General Procedures

Visual approach

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

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

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 Ramon ATC will verify the appropriate RWY in use in Aqaba aerodrome.

5. Visual Approach & Procedures for CVFR flights within Eilat Ramon CTR

- a) Visual Approach for IFR flight is authorized only for A/C following RNAV VISUAL APPROACH CHART (AD 2.7-27/O or AD 2.7-28/O)
- b) Circuit altitude (for VFR & CVFR flights).
 - Category A and B – 1,500 feet during the day and 2,000 feet during the night,
 - Category C – 2,500 feet,
 - Category D – 3,000 feet,
 - Category E – CVFR circuit is not applicable.

- c) Traffic pattern
- Runway 01 - standard pattern only (West Circuit).
 - Runway 19 - Non-standard pattern only (West Circuit).
- Note: Aircraft category A, B, C - while in circuit pattern pilots shall avoid entering the Restricted Area LLR27, south of the airport.
- d) CVFR flights are conducted according to controlled visual routes chart (See Domestic AIP, chapter B-03).

6. Radar procedures within Eilat Ramon CTR

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

7. 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) Preferential Runway Configuration: RWY 01 will be used for landings and takeoffs.
- c) 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;
- d) Due to greater separation applied in Low Visibility conditions, expect delays in the approach and takeoff sequence.

8. Pilots Reports

- a) Aircraft taking off shall report "rolling" when commencing takeoff run;
- b) Vacating aircraft shall report "runway vacated";
- c) After takeoff aircraft shall report "airborne", as soon as practicable;
- d) 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 LLR AD 2.7-13.

10. Communication Failure Procedure

Communication failure

Procedures for IFR traffic:

- a) 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 Z 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.

b) Departing Aircraft:

- 5) Set the transponder to Code 7600;
- 6) If returning to land, perform the procedures detailed above for arriving aircraft.
- 7) If not returning to land in the airport:
 - 7.1 Follow the SID with all applicable restrictions
 - 7.2 Thereafter, adjust level and speed in accordance with the filed flight plan.
 - 7.3 Keep Transmitting ("Blind Transmission") on the TWR Frequency or on emergency frequency 121.5 MHz.
 - 7.4 If Able, contact Eilat Ramon 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.

In case of red light received from the tower, or flashing runway edge lights, join the down-wind leg again.

Land after receiving green light from the tower

4 Take off Minima for IFR Departures

A, B, C, D, E	DAY - Runway edge lights <u>OR</u> RCLM
	NIGHT - Runway edge lights <u>OR</u> RCLM AND End lights
500 m	

LLER AD 2.23 ADDITIONAL INFORMATION

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

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):

- 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

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 and dates (approximated):

- Common Crane: 10 OCT – 20 DEC

All-year bird concentration in the vicinity of the airport:

- Steppe Eagle: 1 NOV – 20 DEC

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):

- 1 OCT – 20 MAR: Large flocks of Great cormorants. 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 spend the winter in low numbers throughout the area and cross the air-space on a daily basis.

Summer migration in the vicinity of airport, species and dates (approximated):

A flock of a few hundreds of flamingos stay through the season at the Salinas.

Sooty Falcons, Barbary Falcons and Egyptian Vultures 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.

Thousands of pigeons, collard doves and palm doves feed in the cattle quarantine adjacent to the sewage treatment ponds where they drink.

LLER AD 2.24 CHARTS RELATED TO AN AERODROME

Aerodrome Chart - ICAO	AD 2.7-13
Aircraft Parking Chart – ICAO - Apron U.....	AD 2.7-14/O
Aircraft Parking Chart – ICAO - Apron R, S, T	AD 2.7-15/O
Aircraft Parking Chart – ICAO - Apron V.....	AD 2.7-15A/O
Standard Departure Chart – Instrument SID RNAV (GNSS) – ICAO - RWY 01 NURIT 1F	AD 2.7-17A/O
Standard Departure Chart – Instrument SID - ICAO - RWY 01 NURIT 1H	AD 2.7-17B
Standard Departure Chart – Instrument SID RNAV (GNSS) – ICAO - RWY 19 NURIT 1K.....	AD 2.7-18/O
Standard Departure Chart – Instrument SID – ICAO - RWY 19 NURIT 1M.....	AD 2.7-18A
Standard Departure Chart – Instrument SID RNAV (GNSS) – ICAO - RWY 19 NURIT 1J	AD 2.7-19/O
Standard Departure Chart – Instrument SID – ICAO - RWY 19 NURIT 1N.....	AD 2.7-19A
Standard Arrival Chart – Instrument STAR RNAV – ICAO - RWY 01 NURIT 1B	AD 2.7-21/O
Standard Arrival Chart – Instrument STAR RNAV – ICAO - RWY 19 NURIT 1D	AD 2.7-21A/O
Instrument Approach Chart – ICAO - RNP Z RWY 01	AD 2.7-22A/O
Instrument Approach Chart – ICAO - RNP RWY 19.....	AD 2.7-23/O
Instrument Approach Chart – ICAO - ILS Z RWY 01	AD 2.7-24/O
Instrument Approach Chart – ICAO - ILS RWY 19.....	AD 2.7-26/O
RNAV Visual Approach Chart – RWY 01	AD 2.7-27/O
RNAV Visual Approach Chart – RWY 19.....	AD 2.7-28/O