

ENR 3 ATS ROUTES

ENR 3.1 ATS ROUTES

Note: Except for The Routes marked as "RNAV5 ONLY" the routes may be flown conventional or RNAV5.

Route designator Navigation Specification Name of significant points Coordinates	Track MAG ↓/↑ VOR RDL DIST (COP)	Upper limits Lower limits or minimum altitude Airspace classification	Lateral limits NM	Direction of cruising levels		Remarks Controlling unit Frequency
				Odd	Even	
1	2	3	4	5		6
H1 (RNAV5)						
△ BEN-GURION VOR (BGN) 320047N 0345231E	270°/090° 12 NM	8 000 5 000 CLASS C	10	↓		Ben-Gurion DEP 120.500 MHZ Tel-Aviv ACC (northern Sector) Freq: 121.400 MHZ 132.05 MHZ PURLA – GITLA: RNAV5 ONLY
▲ DEENA 320135N 0343826E	270°/090° 6 NM					
▲ BOAZZ 320157N 0343123E	270°/090° 8 NM	FL 190 5 000 CLASS A,C			↑	
△ TIBBI 320229N 0342213E	270°/090° 7 NM	FL 190 5 000 CLASS A,C				
▲ PURLA 320256N 0341347E	329° 19 NM	FL 410 5 000 CLASS A,C			↓	
▲ GITLA 322006N 0340319E						
UH1 (RNAV5)						
△ BEN-GURION VOR (BGN) 320047N 0345231E	270° 12 NM	41 000 12 000 CLASS A	10		↑	Outbound traffic only. For Special over flights from Jordan only & by prior CAAI authorization: CDR 1: 13 000 – 41 000 Weeknights: 01:00-05:30(LT) Weekends: from Friday 14:00 (LT) until Sunday 06:30 (LT) For Intl. flights from LLOV and LLET only: 26 000 – 41 000. Tel-Aviv ACC (northern Sector) Freq: 121.400 MHZ 132.050 MHZ
▲ DEENA 320135N 0343826E	270° 6 NM	FL 410 12 000 CLASS A				Outbound traffic only. Tel-Aviv ACC (northern Sector) Freq: 121.400 MHZ 132.050 MHZ
▲ BOAZZ 320157N 0343123E	270° 8 NM	FL 410 FL 200 CLASS A				
△ TIBBI 320229N 0342213E	270° 7 NM	FL 410 FL 200 CLASS A				
▲ PURLA 320256N 0341347E						
H1A (RNAV5)						
▲ DEENA 320135N 0343826E	218°/ 038° 14 NM	8 000 5 000 CLASS C	10	↓		⚠- Cruising levels do not comply with ICAO SARPS, see ENR 1.3-2 table 2.5 CDR3 Ben-Gurion departure Freq: 120.500 MHZ
△ SHIRA 315115N 0342729E					↑	

<p>H1B <i>(RNAV5 ONLY)</i> ▲ PURLA 320256N 0341347E ▲ SUVAS 321010N 0335933E</p>	<p>297° 14 NM</p>	<p><u>FL 410</u> 5 000 CLASS A,C</p>	<p>10</p>	<p>↓</p>	<p>Outbound traffic only Tel-Aviv ACC Freq: 121.400 MHZ 132.050 MHZ</p>
<p>H2 <i>(RNAV5)</i> ▲ SOLIN 322941N 0341015E ▲ RIMON 321355N 0342727E</p>	<p>133° 21 NM</p>	<p><u>FL 410</u> 5 000 CLASS A,C</p>	<p>10</p>	<p>↓</p>	<p>Inbound traffic only Tel-Aviv ACC (northern Sector) Freq: 121.400 MHZ 132.050 MHZ SOLIN – RIMON: <i>RNAV5 ONLY</i></p>
	<p>118° 9 NM</p>				
<p>▲ SIRON 320912N 0343629E △ BEN-GURION VOR (BGN) 320047N 0345231E</p>	<p>118° 16 NM</p>	<p><u>7 000</u> 5 000 CLASS C</p>	<p>10</p>	<p>↓</p>	<p>Ben-Gurion APP 120.500 MHZ</p>
<p>H2C <i>(RNAV5)</i> ▲ SOLIN 322941N 0341015E △ TIBBI 320229N 0342213E</p>	<p>155°/ 335° 29 NM</p>	<p><u>FL 410</u> 5 000 CLASS A,C</p>	<p>10</p>	<p>↓ ↑</p>	<p>Tel-Aviv ACC (northern sector) Freq: 121.400 MHZ 132.050 MHZ</p>

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				Odd	Even	
1	2	3	4	5		6
P42 (NORTH) (RNAV5) ▲ BOAZZ 320157N 0343123E ▲ MERVA 324654N 0343238E	357° 45 NM	FL 410 5 000 CLASS A	10		↑	CDR1: Weeknights: Sunday-Wednesday 23:00-08:15 (LT). Weekends: Thursday from 17:00 until Sunday at 08:15 (LT). Holidays: Preceding Local Holiday (PLH) from 14:00 until After Local Holiday (ALH) 08:15. Tel-Aviv ACC (northern Sector) Freq: 121.400 MHZ 132.050 MHZ
H3D (SOUTH) (RNAV5) ▲ MERVA 324654N 0343238E ▲ RIMON 321355N 0342727E	184° 33 NM	FL 410 5 000 CLASS A,C	10		↓	✎ Cruising levels do not comply with ICAO SARPS, see ENR 1.3-2 table 2.5 CDR3 Tel-Aviv ACC (northern sector) Freq: 121.400 MHZ 132.050 MHZ
H4A (RNAV5) ▲ GALIM 325000N 0345800E ▲ INBAR 330527N 0343611E	306°/ 126° 24 NM	10 000 5 000 CLASS C	10		↓ ↑	CDR3: 6 000 – 10 000 Tel-Aviv ACC (northern sector) Freq: 121.400 MHZ 132.05 MHZ
H4B (RNAV5) ▲ GALIM 325000N 0345800E ▲ OSRAT 325127N 0343313E	270°/ 090° 21 NM	10 000 5 000 CLASS C	10		↓ ↑	CDR3: 6 000 – 10 000 Tel-Aviv ACC (northern Sector) Freq: 121.400 MHZ 132.05MHZ
H4C (RNAV5) ▲ GALIM 325000N 0345800E ▲ MERVA 324654N 0343238E	258°/078° 22NM	10 000 5 000 CLASS C	10		↓ ↑	CDR3: 6 000 – 10 000 Tel-Aviv ACC (northern Sector) Freq: 121.400 MHZ 132.05 MHZ
H11 (RNAV5) △ NATANIA VOR (NAT) 322002N 0345808E ▲ SOLIN 322941N 0341015E	279°/ 099° 42 NM	FL 410 5 000 CLASS A,C	10		↓ ↑	CDR3: 6 000 – FL 410 Tel-Aviv ACC (northern sector) Freq: 121.40 MHZ 132.05MHZ

<p>H13 (RNAV5) ▲ INTRO 321043N 0344433E ▲ YOSEF 321840N 0344451E ▲ MERV A 324654N 0343238E</p>	<p>358° 8 NM</p>	<p>10 000 5 000 CLASS C</p>	<p>10</p>	<p>↓</p>	<p>CDR1: YOSEF-MERVA Weeknights: Sunday-Wednesday 23:00-08:15 (LT). Weekends: Thursday from 17:00 until Sunday at 08:15 (LT). Holidays: Preceding Local Holiday (PLH) from 14:00 until After Local Holiday (ALH) 08:15.Tel-Aviv ACC (northern Sector) Freq: 121.40 MHZ 132.05MHZ</p>
<p>H14(RNAV5) △ NATANIA VOR (NAT) 322002N 0345808E ▲ MERV A 324654N 0343238E</p>	<p>317°/ 137° 34 NM</p>	<p>FL 410 5 000 CLASS A,C</p>	<p>10</p>	<p>↓ ↑</p>	<p>CDR3 Military ACC Freq: 118.400 MHZ 119.15 MHZ Tel-Aviv ACC (northern sector) Freq: 121.40MHZ 132.05MHZ</p>

Route designator Navigation Specification Name of significant points Coordinates	Track MAG ↓/↑ VOR RDL DIST (COP)	Upper limits Lower limits or minimum altitude Airspace classification	Lateral limits NM	Direction of cruising levels		Remarks Controlling unit Frequency				
				Odd	Even					
1	2	3	4	5		6				
J10 (RNAV5)										
△ BEN-GURION VOR (BGN) 320047N 0345231E	105°/285° 15 NM	9 000 6 000 CLASS C	10	↓		⚠ Cruising levels do not comply with ICAO SARPS, see ENR 1.3-2 table 2.5 BGN VOR – SAMAR segment: For ACFT with MNM ROC of 500 ft/min, and ROD of 1 000 ft/min only. If unable to comply, notify ATC in advance. Ben-Gurion TMA Freq: 119.500 MHZ				
△ LORIM 315552N 0350911E	105°/285° 19 NM	10 000 6 000 CLASS C								
▲ TALMI 314936N 0353014E	187°/007° 5 NM	10 000 6 000 CLASS C								
△ TOMAL 314429N 0352906E	187°/007° 2 NM	10 000 6 000 CLASS C								
▲ SIVAK 314232N 0352837E	187°/007° 5 NM	37 000 5 000 CLASS A	4	↓		⚠ Cruising levels do not comply with ICAO SARPS, see ENR 1.3-2 table 2.5 For ACFT with MNM ROC of 500 ft/min, and ROD of 1 000 ft/min. If unable to comply, notify ATC in advance. Authorized for use as follows: MZD VOR - SMR a) Daily only for aircraft with cruising speed of 140 KIAS or higher. b) For aircraft with cruising speed lower than 140 KIAS –Only on Mon, Tue, Wed, Fri, Sat & Holidays. * CDR 3 South Control (ACC) Freq: 120.90 MHZ				
▲ AMMIT 313720N 0352723E	187°/007° 18 NM									
△ METZADA VOR (MZD) 311954N 0352330E	181°/001° 16 NM	37 000 6 000 (5 000*) CLASS A								
△ SUKOT 310356N 0352150E	181°/001° 7 NM									
△ KINAR 305638N 0352105E	199°/019° 25 NM	37 000 6 000 CLASS A	4	↓						
▲ ZOFAR VOR (ZFR) 303332N 0350943E	186°/006° 14 NM	37 000 6 000 CLASS A								
△ SHAYO 301918N 0350712E	186°/006° 6 NM	37 000 6 000 (5 000*) CLASS A								
△ SHANI 301335N 0350554E	186°/006° 10 NM	37 000 5 000 CLASS A								
△ NURIT 300410N 0350357E	186°/006° 10.7 NM	37 000 5 000 CLASS A,D								
▲ RASAF 295335N 0350154E	186°/006° 4.3 NM	37 000 4 000 CLASS A,D								
△ SAMAR 294920N 0350104E	186°/006° 13 NM	37 000 4 000 CLASS A,D								
△ EILOT VOR (LOT) 293629N 0345834E	224°/044° 7 NM	37 000 10 000 CLASS A								
△ NALSO (R 650) 293200N 0345300E								↑		⚠ Cruising levels do not comply with ICAO SARPS, see ENR 1.3-2 table 2.5 Above altitude 6 000 ft: South Control (ACC) Freq: 120.90 MHZ Altitude 6 000 ft and below: Eilat Ramon TWR Freq: 121.800 MHZ

J10S (Special Over flight route) (RNAV5) ▲ TALMI 314936N 0353014E △ ADDVA 315711N 0350445E △ BEN-GURION VOR (BGN) 320047N 0345231E	285° 23 NM	41 000 12 000 CLASS A	10 ↓	Special over flight from Jordan only & by prior CAAI authorization Tel-Aviv ACC (eastern sector) Freq: 121.400 MHZ Tel-Aviv ACC (northern sector) Freq: 121.400 MHZ 132.050 MHZ CDR1: 13 000 – 41 000 Weeknights: 01:00-05:30 (LT) Weekends: from Friday 14:00 until Sunday 06:30 (LT)
	285° 11 NM			
Proceed to DEENA by UH1				

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				Odd	Even	
1	2	3	4	5		6
J10B (RNAV5) ▲ ALROD 320440N 0351425E △ BEN-GURION VOR (BGN) 320047N 0345231E	255° 19 NM	9 000 6 000 CLASS C	10	↓		✘ Cruising levels do not comply with ICAO SARPS, see ENR 1.3-2 table 2.5 Inbound traffic to 'BGN' only Ben-Gurion TMA Freq: 119.500 MHZ
J10C (RNAV2) ▲ TALMI 314936N 0353014E ▲ ALROD 320440N 0351425E △ NATANIA VOR (NAT) 322002N 0345808E	314°/134° 20 NM 314°/134° 21 NM	10 000 6 000 CLASS C 9 000 8 000 CLASS C	4	↓ ↑		Ben-Gurion TMA Freq: 119.500 MHZ CDR 3 Military ACC Freq: 118.400 MHZ 119.15 MHZ
UJ10 (RNAV5) ▲ SIVAK 314232N 0352837E ▲ TALMI 314936N 0353014E △ LORIM 315552N 0350911E △ BEN-GURION VOR (BGN) 320047N 0345231E	007° 7 NM 285° 19 NM 285° 15 NM	41 000 26 000 CLASS A 41 000 26 000 CLASS A 41 000 26 000 CLASS A		↓ ↑		For Intl. Flights from LLOV and LLET only. Tel-Aviv ACC (northern Sector) Freq: 121.400 MHZ 132.050 MHZ
UJ10C (RNAV5) △ NATANIA VOR (NAT) 322002N 0345808E ▲ ALROD 320440N 0351425E ▲ TIPIM 315304N 0352636E ▲ SIVAK 314232N 0352837E	134°/314° 21 NM 134°/314° 16 NM 165°/345° 11 NM	41 000 20 000 CLASS A 41 000 27 000 CLASS A	10	↓ ↑		CDR3 Tel-Aviv ACC (northern Sector) Freq: 121.400 MHZ 132.050 MHZ
J10D (RNAV2) △ METZADA 311954N 0352330E △ MATAN (COP) 305638N 0351635E △ ZOFAR 303332N 0350943E	191°/011° 24 NM 191°/011° 24 NM	37 000 6 000 CLASS A	4	↓ ↑		✘ Cruising levels do not comply with ICAO SARPS, see ENR 1.3-2 table 2.5 CDR1: Weeknights: 23:00-06:00 (LT) Weekends: Friday from 14:00 until Sunday at 06:00 (LT). Tel-Aviv ACC (southern sector) Freq: 120.90 MHZ

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1	2	3	4	5		6
J10F (RNAV2) △ LORIM 315552N 0350911E ▲ ESTER 314434N 0351342E △ NEOMI 313505N 0351729E △ METZADA VOR (MZD) 311954N 0352330E	158°/338° 12 NM 158°/338° 10 NM 158°/338° 16 NM	9 000 6 000 CLASS C 37 000 8 000 CLASS A 37 000 5 000 CLASS A	4	↓	↑	CDR1: Weekends only: from Friday at 14:00 until Sunday at 05:00 (LT) Tel-Aviv ACC (southern sector) Freq: 120.90 MHZ
J10H (RNAV5) ▲ ESTER 314434N 0351342E △ MATAN 305638N 0351635E	173°/353° 48 NM	37 000 8 000 CLASS A	10	↓	↑	✎ Cruising levels do not comply with ICAO SARPS, see ENR 1.3-2 table 2.5 CDR1: Weekends only: from Friday at 14:00 until Sunday at 05:00 (LT) Tel-Aviv ACC (southern sector) Freq: 120.90 MHZ
UJ10K (RNAV5) ³ ▲ SIRON 320912N 0343629E ▲ ALROD 320440N 0351425E	094° 33NM	FL 410 FL 270 CLASS A	10	↓		Eastbound flights only Tel-Aviv ACC (northern sector) Freq: 121.400 MHZ 132.050 MHZ
Q17 (RNAV5) ▲ ATLIT 324152N 0345455E ▲ ODIGO 322635.3N 0350255.5E ▲ ALROD 320440N 0351425E	152°/332° 17NM 152°/332° 24NM	10 000 4 000 CLASS C 10 000 8 000 CLASS C	10	↓	↑	CDR1: Weekends only: from Friday at 14:00 until Sunday at 05:00 (LT) Military ACC Freq: 118.400 MHZ 119.15 MHZ

Route designator Navigation Specification Name of significant points Coordinates	Track MAG ↓/↑ VOR RDL DIST (COP)	Upper limits Lower limits or minimum altitude Airspace classification	Lateral limits NM	Direction of cruising levels		Remarks Controlling unit Frequency
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1	2	3	4	5		6
G35 (RNAV5) △ NURIT 300410N 0350357E △ OVDA VOR (OVD) 295757.6N 0345644E	041°/221° 9NM	<u>9 000</u> 5 000 CLASS D	10	↓	↑	CDR1: 6000 - 9000 Tel-Aviv ACC (southern sector) Freq: 120.90 MHZ
G37 (RNAV5) ▲ SAMAR 294920N 0350104E △ OVDA VOR (OVD) 295757.6N 0345644E	152°/332° 9NM	<u>9 000</u> 5 000 CLASS D	10	↓	↑	Tel-Aviv ACC (southern sector) Freq: 120.90 MHZ
N11 (RNAV5) △ METZADA VOR (MZD) 311954N 0352330E ▲ LAVKI 313500N 0343618E ▲ RENVO 315606N 0340730E ▲ GITLA 322006N 0340319E ▲ SOLIN 322941N 0341015E	287°/107° 43NM	<u>12 000</u> 9 000 CLASS A	10	↓	↑	CDR3 Tel-Aviv ACC (northern Sector) Freq: 121.400 MHZ 132.050 MHZ
	307°/127° 33NM	<u>12 000</u> 9 000 CLASS A,C				
	348° 24NM	<u>12 000</u> 5 000 CLASS A,C	10	↓		Northbound only. CDR3 Tel-Aviv ACC (northern Sector) Freq: 121.400 MHZ 132.050 MHZ
	028°/208° 11NM	<u>12 000</u> 5 000 CLASS A,C	10	↓	↑	CDR3 Tel-Aviv ACC (northern Sector) Freq: 121.400 MHZ 132.050 MHZ
N13 (RNAV5) ▲ PURLA 320256N 0341347E ▲ RENVO 315606N 0340730E	214° 9NM	<u>12 000</u> 8 000 CLASS A,C	10	↓		CDR3 Tel-Aviv ACC (northern Sector) Freq: 121.400 MHZ 132.050 MHZ
N17 (RNAV5) ▲ YOSEF 321840N 0344451E ▲ SOLIN 322941N 0341015E	287° 31NM	<u>FL 210</u> 5 000 CLASS A,C	10		↑	Outbound traffic only CDR3: 6 000 - FL210 Tel-Aviv ACC Freq: 121.400 MHZ 132.050 MHZ

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1	2	3	4	5		6
J11 (RNAV5)						⚠ Cruising levels do not comply with ICAO SARPS, see ENR 1.3-2 table 2.5
△ BEN-GURION VOR (BGN) 320047N 0345231E	010°/190° 6 NM	6 000 4 000 CLASS C	10	↓	↑	Ben-Gurion TMA Freq: 119.500 MHZ
△ MESIL 320638N 0345405E	010°/190° 6 NM					
▲ KANER 321228N 0345555E	010°/190° 8 NM					
△ NATANIA VOR (NAT) 322002N 0345808E						⚠ Cruising levels do not comply with ICAO SARPS, see ENR 1.3-2 table 2.5 Military ACC Freq: 118.400 MHZ 119.15 MHZ
J12 (RNAV5)			4	↓		
△ TIBBI 320229N 0342213E	155°/335° 12 NM	FL 410/41 000 5 000 CLASS A,C			↑	CDR3 Southern sector Freq: 120.90 MHZ When Recreational parachuting activities takes place at Beer-Sheba airstrip (LLBS) J12 will be limited to MNM 12 000 FT QNH. Turning point at 31 NM from BSA VOR.
△ SHIRA 315115N 0342729E	155°/335° 37 NM					
△ BEER-SHEBA VOR (BSA) 311714N 0344318E	108°/288° 36 NM					
• Turning point △ SUKOT 310356N 0352150E						
J14 (RNAV5)			4	↓	↑	
△ NATANIA VOR (NAT) 322002N 0345808E	039°/219° 21 NM	6 000 5 000 CLASS C		↓	↑	⚠ Military ACC Freq: 118.400 MHZ 119.15 MHZ
△ MEGID 323512N 0351454E	039°/219° 22 NM					
▲ DESHE 325102N 0353233E	007°/187° 8 NM	5 000 4 000 CLASS C				Rosh-Pina TWR Freq: 118.450 MHZ
△ ROSH-PINA VOR (ROP) 325857N 0353422E						
J15 (RNAV5)			4	↓	↑	
△ NATANIA VOR (NAT) 322002N 0345808E	349°/169° 22 NM	5 000 4 000 CLASS C		↓	↑	Military ACC Freq: 118.400 MHZ 119.15 MHZ
▲ ATLIT 324152N 0345455E						
J17 (RNAV5)			10	↓	↑	
△ BEN-GURION VOR (BGN) 320047N 0345231E	095°/275° 33 NM	8 000 7 000 CLASS C		↓	↑	Inbound traffic (at 8 000') : From SALAM intercept J10C to ALROD, thence J10B to BEN-GURION.
▲ SALAM 315600N 0353100E						Ben-Gurion TMA Freq: 119.500

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1	2	3	4	5		6
J18 (RNAV5) ▲ YOSEF 321840N 0344451E ▲ ATLIT 324152N 0345455E	016° 25 NM	<u>MAA 4 000</u> 4 000 CLASS C	10	↑		Northbound only. Military ACC Freq: 118.400 MHZ 119.15 MHZ
J19 (special Overflight route) (RNAV5) ▲ SIRON 320912N 0343629E △ IZHAR 320504N 0345346E △ ZAFON 320224N 0350448E ▲ SALAM 315600N 0353100E	102° 15 NM 102° 10 NM 102° 23 NM	<u>FL 410/41 000</u> FL 110/11 000 CLASS A	10	↓		Eastbound only. Special overflight to Jordan only & by prior authorization from the CAAL. Tel Aviv ACC (eastern sector) Freq: 121.400 MHZ CDR1: 12 000/FL120 – 41 000/FL410 Weeknights:01:00-05:30 (LT) Weekends: from Friday at 14:00 until Sunday at 06:30 (LT)
J23 (RNAV5) ▲ INTRO 321043N 0344433E △ TIDAR 320652N 0350250E ▲ ALROD 320440N 0351425E	099° 16 NM 099° 10 NM	8 000 4 000 CLASS C,D 8 000 6 000 CLASS C,D	10	↓		Tel-Aviv ACC (northern Sector) Freq: 121.400 MHZ 132.050 MHZ
J24 (RNAV5) ▲ YOSEF 321840N 0344451E △ NATANIA VOR (NAT) 322002N 0345808E	080° 11NM	<u>MAA 6 000</u> 6 000 CLASS C	10	↑		Eastbound only Military ACC Freq: 118.400 MHZ 119.15 MHZ