

**THE HASHEMITE KINGDOM OF JORDAN
CIVIL AVIATION REGULATORY COMMISSION
DIRECTORATE OF AIR TRAFFIC MANAGEMENT
AERONAUTICAL INFORMATION SERVICES
HEADQUARTERS
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**AIRAC
AIP**

**AMENDMENT 18
02 NOV 2021**

EFFECTIVE DATE: 02 DEC 2021

1. Contents

- NEW RNAV ROUTE SEGMENT, WPT'S, OVERFLIGHT PROCEDURES, ENR ROUTES
- EN-ROUTE CHART

2. Record entry of Amendment on page GEN 0.2-2

3. NOTAM is hereby cancelled:- A0187/20

4. AIP SUP is hereby cancelled:- 10/18

5. On 02 DEC 2021 destroy and insert the following pages:

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AIS HEADQUARTERS



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GEN 0.2 Record of AIP Amendments

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*0.2-2	02 DEC 2021	2.7-1	01 NOV 2011	4.2-1	01 NOV 2018
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ENR 3 ATS ROUTES
ENR 3.1 LOWER ATS ROUTES

ROUTE DESIGNATOR (RNP/RNAV) NAME OF SIGNIFICANT POINTS COORDINATES	TRACK (MAG) DIST (NM)	UPPER LIMITS LOWER LIMITS OR MINIMUM EN-ROUTE ALT AIRSPACE CLASSIFICATION	LATERAL LIMITS (NM)	DIRECTIONS OF CRUISING LEVELS		REMARKS CONTROLLING UNIT CHANNEL
				ODD	EVEN	
1	2	3	4	5		6
<p>→ A412 (RNAV 5) ♦ OSAMA 315550.00N 0353706.00E</p> <p>◇ QAA01 QUEEN ALIA DVOR/DME (QAA) 314423.41N 0360926.59E</p> <p>◇ GETUP 315833.47N0363037.47E</p> <p>◇ LUDAN 320256.60N 0363713.29E</p> <p>◇ KUPRI 320825.87N 0364530.21E</p> <p>◇ ASLON 321211.02N 0365111.25E</p> <p>◇ NADEK 322728.00N 0371429.00E</p> <p>◇ DAXEN 324444.79N 0374105.26E</p> <p>♦ FIR BDRY (ZELAF) 325656.20N 0375959.26E</p>	<p><u>108</u>° 288° 30NM</p> <p><u>047</u>° 227° 23NM</p> <p><u>047</u>° 227° 7NM</p> <p><u>047</u>° 227° 9NM</p> <p><u>047</u>° 227° 6NM</p> <p><u>047</u>° 227° 25NM</p> <p><u>048</u>° 228° 28NM</p> <p><u>048</u>° 228° 20NM</p>	<p><u>FL600</u> ALT 7000FT ALT 7000FT CLASS A+C</p> <p><u>FL600</u> ALT 9000FT ALT 8500FT CLASS A+C</p> <p><u>FL600</u> ALT 9000FT ALT 8500FT CLASS A+C</p> <p><u>FL600</u> ALT 11000 FT ALT 11000FT CLASS A+C</p> <p><u>FL600</u> ALT 13000 FT ALT 13000FT CLASS A+C</p> <p><u>FL600</u> ALT 13000 FT ALT 13000FT CLASS A+C</p> <p><u>FL600</u> ALT 12000 FT ALT 13000FT CLASS A+C</p> <p><u>FL600</u> ALT 13000 FT ALT 13000FT CLASS A+C</p>	<p>10NM</p>	<p>↓</p> <p>↑</p> <p>↑</p> <p>↓</p>	<p>For continuation refer to AIP of Israel. Transfer of CTL</p> <p>Amman Upper Sector 128.5MHz Amman Lower West Sector 132.425MHz. Amman Approach 128.9MHz. According to ENR.1.6-5 Para 2.7</p> <p>ATS Route Segment LUDAN-ZELAF Non-ICAO Standard according to the table of cruising level.</p> <p>Portion ASLON-NADEK is excluded from Prohibited area OJP9</p> <p>Transfer of CTL For continuation, refer to Syria AIP</p>	

ATS ROUTES (CONT.)

ROUTE DESIGNATOR (RNP/RNAV) NAME OF SIGNIFICANT POINTS COORDINATES	TRACK (MAG) DIST (NM)	UPPER LIMITS LOWER LIMITS OR MINIMUM EN-ROUTE ALT AIRSPACE CLASSIFICATION	LATERAL LIMITS (NM)	DIRECTIONS OF CRUISING LEVELS		REMARKS CONTROLLING UNIT CHANNEL
				ODD	EVEN	
1	2	3	4	5		6
<p>L53 (RNAV5) ♦ FIR BDRY (MUVIN) 314858.00N 0353242.00E</p> <p>◇ MOUAB 314758.00N 0353559.00E</p>	<p>285°</p> <p>3NM</p>	<p>FL600 ALT 6000FT CLASS A+C</p>	<p>10 NM</p>	<p>↑</p>		<p>For Continuation Refer To AIP of Israel. Transfer of CTL Westbound Only Amman Upper Sector 128.5MHZ. Amman Lower West Sector 132.425MHZ. Amman Approach 128.9MHZ.</p>
<p>L200 (RNAV5) ♦ (OSAMA) 315550.00N 0353706.00E</p> <p>◇ AMN01 AMMAN DVOR/DME (AMN) 320014.65N 0360357.55E</p> <p>◇ LOXER 320147.76N 0362251.46E</p> <p>◇ MESLO 320231.00N 0363148.00E</p> <p>◇ LUDAN 320256.60N 0363713.29E</p> <p>◇ KUPRI 320825.87N 0364530.21E</p> <p>◇ ASLON 321211.02N 0365111.25E</p> <p>◇ NADEK 322728.00N 0371429.00E</p>	<p>074° 254° 23NM</p> <p>080° 260° 16NM</p> <p>080° 260° 8NM</p> <p>080° 260° 5NM</p> <p>047° 227° 9NM</p> <p>047° 227° 6NM</p> <p>047° 227° 25NM</p> <p>048° 228° 28NM</p>	<p>FL600 ALT 7000FT ALT 6000FT CLASS A+C</p> <p>FL600 ALT 9000FT ALT 8500FT CLASS A+C</p> <p>FL600 ALT 9000FT ALT 8500FT CLASS A+C</p> <p>FL600 ALT 9000FT ALT 8500FT CLASS A+C</p> <p>FL600 ALT 11000FT ALT 11000FT CLASS A+C</p> <p>FL600 ALT 13000FT ALT 13000FT CLASS A+C</p> <p>FL600 13000FT ALT ALT 13000FT CLASS A+C</p> <p>FL600 ALT 13000FT ALT 13000FT CLASS A+C</p>	<p>10 NM</p>	<p>↓</p> <p>↑</p>	<p>↑</p> <p>↓</p>	<p>For continuation refer to AIP of Israel. Transfer of CTL</p> <p>All traffic shall adhere to airway centerline.</p> <p>ATS Route Segment LUDAN-DAXEN Non-ICAO Standard according to the table of cruising level</p> <p>Portion ASLON-NADEK is excluded from Prohibited area OJP9</p>

ENR 3.1 LOWER ATS ROUTES (CONT)

ROUTE DESIGNATOR (RNP/RNAV) NAME OF SIGNIFICANT POINTS COORDINATES	TRACK (MAG) DIST (NM)	UPPER LIMITS LOWER LIMITS OR MINIMUM EN-ROUTE ALT AIRSPACE CLASSIFICATION	LATERAL LIMITS (NM)	DIRECTIONS OF CRUISING LEVELS		REMARKS CONTROLLING UNIT CHANNEL
				ODD	EVEN	
1	2	3	4	5		6
<p>M319 (RNAV5) ♦FIR BDRY (ULINA) 292451.00N 0345817.00E</p> <p>◇SESMO 293458.00N 0351159.00E</p> <p>◇LOXUS 301300.90N 0352600.70E</p> <p>◇LOSIL 304851.20N 0354741.31E</p> <p>◇QTR01 QATRANEH DVOR/DME (QTR) 311454.41N 0360334.31E</p> <p>♦MOUAB 314758.00N 0353559.00E</p>	<p>045° 225° 16NM</p> <p>013° 193° 40NM</p> <p>023° 203° 40NM</p> <p>023° 203° 29NM</p> <p>320° 140° 41NM</p>	<p>FL600 ALT 8000FT ALT 8000FT CLASS A+C</p> <p>FL600 ALT 8000FT ALT 8000FT CLASS A+C</p> <p>FL600 ALT 7000FT ALT 7000FT CLASS A+C</p> <p>FL600 ALT 7000FT ALT 7000FT CLASS A+C</p> <p>FL600 ALT 7000FT ALT 7000FT CLASS A+C</p>	10 NM	↓	↑	<p>For continuation, refer to Egypt AIP Transfer of CTL SESMO is a mandatory reporting, own navigation from ULINA-LOXUS is forbidden</p> <p>Transfer of CTL For continuation, refer to Israel AIP</p>
<p>N134 (RNAV 5) ♦FIR BDRY (RALNA) 315557.00N 0353233.00E</p> <p>◇OSAMA 315550.00N 0353706.00E</p>	<p>087° 267° 3.9NM</p>	<p>FL600 ALT 6000FT CLASS A+C</p>	10 NM	↓	↑	<p>For continuation refer to AIP of Israel . Transfer of CTL</p> <p>Bidirectional below ALT10500FT Eastbound above ALT10500FT</p> <p>Amman Upper Sector 128.5MHz Amman Lower West Sector 132.425MHz. Amman Approach 128.9MHz.</p>

ENR 3.1 LOWER ATS ROUTES (CONT)

ROUTE DESIGNATOR (RNP/RNAV) NAME OF SIGNIFICANT POINTS COORDINATES	TRACK (MAG) DIST (NM)	UPPER LIMITS LOWER LIMITS OR MINIMUM EN-ROUTE ALT AIRSPACE CLASSIFICATION	LATERAL LIMITS (NM)	DIRECTIONS OF CRUISING LEVELS		REMARKS CONTROLLING UNIT CHANNEL
				ODD	EVEN	
1	2	3	4	5		6
<u>N318(RNAV5)</u> ◆ <u>FIR BDRY (GENEX)</u> 312935.47N 0370051.52E ◇ <u>ELOXI</u> 313400.99N 0364534.23E ◇ <u>KINUR</u> 313626.07N 0363712.78E ◇ <u>ALNOR</u> 313955.26N 0362507.52E ◇ <u>QAA01</u> QUEEN ALIA DVOR/DME (QAA) 314423.41N 0360926.59E ◆ <u>MOUAB</u> 314758.00N 0353559.00E	284° 104° 14NM 284° 104° 8NM 284° 104° 11NM 284° 104° 14NM 273° 093° 29NM	FL600 FL150 FL150 CLASS A FL600 FL150 FL150 CLASS A FL600 ALT 7000FT ALT 7000FT CLASS A FL600 ALT 6000FT ALT 6000FT CLASS A FL600 ALT 6000FT ALT 6000FT CLASS A	10NM	↑	↓	For continuation, refer to Saudi AIP Transfer of CTL Amman APP 128.9 MHZ According to ENR.1.6-5 Para 2.7 Transfer of CTL For continuation, refer to Israel AIP

ENR 3.1 LOWER ATS ROUTES (CONT)

ROUTE DESIGNATOR (RNP/RNAV) NAME OF SIGNIFICANT POINTS COORDINATES	TRACK (MAG) DIST (NM)	UPPER LIMITS LOWER LIMITS OR MINIMUM EN-ROUTE ALT AIRSPACE CLASSIFICATION	LATERAL LIMITS (NM)	DIRECTIONS OF CRUISING LEVELS		REMARKS CONTROLLING UNIT CHANNEL
				ODD	EVEN	
1	2	3	4	5		6
<u>R652(RNAV5)</u>						
♦ <u>METSA</u> 292707.00N 0345903.00E	<u>023°</u> 203° 14NM	<u>FL600</u> ALT 8000FT ALT 8000FT CLASS A+C				TFC DEP OJAQ via METSA to proceed DCT ULINA after METSA then refer to Egypt AIP
◇ <u>BAKIR</u> 294053.00N 0350708.00E	<u>023°</u> 203° 17NM	<u>FL600</u> ALT 8000FT ALT 8000FT CLASS A+C				TFC ARR OJAQ via ULINA to proceed direct METSA then refer to Jordan AIP OJAQ AD 2
◇ <u>QATIM</u> 295600.00N 0351600.00E	<u>023°</u> 203° 19NM	<u>FL600</u> ALT 8000FT ALT 8000FT CLASS A+C				Amman Lower West Sector 132.425MHz Amman Approach 128.9MHz AQABA Approach Sector 119.2MHz According to ENR.1.6-5 Para 2.7
◇ <u>LOXUS</u> 301300.90N 0352600.70E	<u>023°</u> 203° 40NM	<u>FL600</u> ALT 8000 FT ALT 8000FT CLASS A+C				Route Segment QTR-METSA only for TFC Departing or Arriving Aqaba/King Hussein Airport
◇ <u>LOSIL</u> 304851.20N 0354741.31E	<u>023°</u> 203° 29NM	<u>FL600</u> ALT 7000FT ALT 7000FT CLASS A+C	10 NM	↓	↑	
◇ <u>QTR01</u> QATRANEH DVOR/DME (QTR) 311454.41N 0360334.31E	<u>076°</u> 256° 13NM	<u>FL600</u> ALT 9000FT ALT 9000FT CLASS A+C				
◇ <u>EGLOT</u> 311656.94N 0361823.86E	<u>077°</u> 257° 12NM	<u>FL600</u> ALT 9000FT ALT 9000FT CLASS A+C				
◇ <u>KULDI</u> 311847.07N 0363214.16E	<u>077°</u> 257° 30NM	<u>FL 600</u> FL 150 FL 150 CLASS A+C				
♦ <u>FIR BDRY (KIPAS)</u> 312324.00N0370641.00E						Transfer of CTL For continuation, refer to Saudi AIP
CLASS A : comprises all controlled airspace within Amman FIR from FL150 and above CLASS C : comprises all controlled airspace within Amman FIR below FL 150 CLASS G: comprises the rest of Amman FIR.						

ENR 3.2 UPPER ATS ROUTES (Cont.)

ROUTE DESIGNATOR (RNP/RNAV) NAME OF SIGNIFICANT POINTS COORDINATES	TRACK (MAG) DIST (NM)	UPPER LIMITS LOWER LIMITS AIRSPACE CLASSIFICATION	LATERAL LIMITS (NM)	DIRECTIONS OF CRUISING LEVELS		REMARKS CONTROLLING UNIT CHANNEL
				Odd	Even	
1	2	3	4	5		6
<u>UL768 (RNAV 5)</u> ◆ <u>FIR BDRY (OTILA)</u> 320131.00N 0390152.84E ◇ <u>MODAD</u> 323539.88N 0384138.14E ◇ <u>KUMLO</u> 325811.82N 0382807.67E ◆ <u>FIR BDRY (SOKAN)</u> 330809.00N 0382207.00E	<u>329°</u> 149° 38NM <u>329°</u> 149° 25NM <u>328°</u> 148° 11NM	<u>FL600</u> FL 240 CLASS A <u>FL600</u> FL 240 CLASS A <u>FL600</u> FL 240 CLASS A	10NM		↓	For continuation, refer to Saudi AIP Transfer of CTL Amman Upper East Sector 128.5MHz Amman Lower East Sector 132.525MHz Transfer of CTL For continuation, refer to Syria AIP

ENR 3.2 UPPER ATS ROUTES (Cont.)

ROUTE DESIGNATOR (RNP/RNAV) NAME OF SIGNIFICANT POINTS COORDINATES	TRACK (MAG) DIST (NM)	UPPER LIMITS LOWER LIMITS	LATERAL LIMITS (NM)	DIRECTIONS OF CRUISING LEVELS		REMARKS CONTROLLING UNIT CHANNEL
		AIRSPACE CLASSIFICATION		Odd	Even	
1	2	3	4	5		6
UM449 (RNAV5) ◆ FIR BDRY (GIBET) 292620.00N0362501.00E	<u>347°</u> 167° 16NM	<u>FL600</u> FL 250 CLASS A				For continuation, refer to Saudi AIP Transfer of CTL Amman Upper Sector 128.5MHz Amman Lower West Sector 132.425MHz Amman Approach 128.9MHz. According to ENR.1.6-5 Para 2-7
◇ PETRA 294206.00N 0362210.00E	<u>346°</u> 166° 30NM	<u>FL600</u> FL 250 CLASS A				
◇ KINOD 301200.30N 0361600.60E	<u>346°</u> 166° 38NM	<u>FL600</u> FL 250 CLASS A				
◇ MUNRA 304944.29N0360834.88E	<u>013°</u> 193° 28NM	<u>FL600</u> FL 250 CLASS A				ATS Route Segment MUNRA- BUSRA Non-ICAO Standard according to the table of cruising level.
◇ EGLOT 311656.94N 0361823.86E	<u>009°</u> 189° 24NM	<u>FL600</u> FL 210 CLASS A	10NM	↑	↓	
◇ ALNOR 313955.26N 0362507.52E	<u>009°</u> 189° 19NM	<u>FL600</u> FL 210 CLASS A				
◇ GETUP 315833.47N0363037.47E	<u>010°</u> 190° 4NM	<u>FL600</u> FL 210 CLASS A				
◇ MESLO 320231.00N0363148.00E	<u>010°</u> 190° 5NM	<u>FL600</u> FL 210 CLASS A				
◇ GIBOX 320700.00N0363308.00E	<u>009°</u> 189° 13NM	<u>FL600</u> FL 210 CLASS A				
◆ FIR BDRY (BUSRA) 322000.00N 0363700.00E						Transfer of CTL For continuation, refer to Syria AIP

ENR 3.3 AREA NAVIGATION (RNAV) ROUTES

ROUTE DESIGNATOR (RNP/RNAV) NAME OF SIGNIFICANT POINTS COORDINATES	WAY-POINT IDENT OF VOR/DME BRG & DIST ELEV DME ANTENNA	DISTANCE NM	UPPER LIMITS LOWER LIMITS AIRSPACE CLASSIFICATION	DIRECTIONS OF CRUISING LEVELS		REMARKS CONTROLLING UNIT CHANNEL
				ODD	EVEN	
1	2	3	4	5		6
<p>→ A412 (RNAV 5) ◆ (OSAMA) 315550.00N 0353706.00E</p> <p>◇ QAA01 QUEEN ALIA DVOR/DME (QAA) 314423.41N 0360926.59E</p> <p>◇ GETUP 315833.47N0363037.47E</p> <p>◇ LUDAN 320256.60N 0363713.29E</p> <p>◇ KUPRI 320825.87N 0364530.21E</p> <p>◇ ASLON 321211.02N 0365111.25E</p> <p>◇ NADEK 322728.00N 0371429.00E</p> <p>◇ DAXEN 324444.79N 0374105.26E</p> <p>◆ FIR BDRY (ZELAF) 325656.20N 0375959.26E</p>	<p>QAA R288 29.8NM 2800FT</p>	30NM	<p>FL600 ALT 7000FT CLASS A+C</p>	↓	↑	<p>For continuation refer to AIP of Israel. Transfer of CTL</p>
	<p>QAA R047 23NM 2800FT</p>	23NM	<p>FL600 ALT 9000FT CLASS A+C</p>			<p>Amman Upper Sector 128.5MHz Amman Lower West Sector 132.425MHz. Amman Approach 128.9MHz. According to ENR.1.6-5 Para 2.7</p>
	<p>QAA R047 23NM 2800FT</p>	7NM	<p>FL600 ALT 9000FT CLASS A+C</p>	↑	↓	<p>ATS Route Segment LUDAN-ZELAF Non-ICAO Standard according to the table of cruising level.</p>
	<p>QAA R047 30NM 2800FT</p>	9NM	<p>FL600 11000 FT ALT CLASS A+C</p>			
	<p>QAA R047 38.9NM 2800FT</p>	6NM	<p>FL600 ALT 13000FT CLASS A+C</p>			
	<p>QAA R047 45NM 2800FT</p>	25NM	<p>FL600 ALT 13000FT CLASS A+C</p>	<p>Portion ASLON-NADEK is excluded from Prohibited area OJP9</p>		
	<p>QAA R047 69.9NM 2800FT</p>	28NM	<p>FL600 ALT 13000FT CLASS A+C</p>			
	<p>QAA R047 98.2NM 2800FT</p>	20NM	<p>FL600 ALT 13000FT CLASS A+C</p>			
<p>QAA R047 118.3NM 2800FT</p>					<p>Transfer of CTL For continuation, refer to Syria AIP</p>	

ENR 3.3 AREA NAVIGATION (RNAV) ROUTES (CONT)

ROUTE DESIGNATOR (RNP/RNAV) NAME OF SIGNIFICANT POINTS COORDINATES	WAY-POINT IDENT OF VOR/DME BRG & DIST ELEV DME ANTENNA	DISTANCE NM	UPPER LIMITS LOWER LIMITS AIRSPACE CLASSIFICATION	DIRECTIONS OF CRUISING LEVELS		REMARKS CONTROLLING UNIT CHANNEL
				ODD	EVEN	
1	2	3	4	5		6
<p>G662 (RNAV 5)</p> <p>◆ <u>FIR BDRY (ALKOT)</u> 313254.00N 0371122.00E</p> <p>◇ <u>DESLI</u> 314900.10N 0365900.60E</p> <p>◇ <u>KUPRI</u> 320825.87N 0364530.21E</p> <p>◆ <u>FIR BDRY (BUSRA)</u> 322000.00N 0363700.00E</p>	<p>QAA R102 54.1NM 2800FT</p> <p>QAA R084 45.5NM 2800FT</p> <p>QAA R052 39.0NM 2800FT</p> <p>QAA R033 42.6NM 2800FT</p>	<p>19NM</p> <p>23NM</p> <p>14NM</p>	<p><u>FL600</u> <u>FL250</u> CLASS A</p> <p><u>FL600</u> <u>FL250</u> CLASS A</p> <p><u>FL600</u> ALT 11000 FT CLASS A+C</p>	<p>↑</p>	<p>↓</p>	<p>For continuation, refer to Saudi AIP Transfer of CTL</p> <p>Amman Upper Sector 128.5MHz Amman Lower West Sector 132.425MHz According to ENR.1.6-5 Para 2.7</p> <p>Transfer of CTL For continuation, refer to Syria AIP.</p>
<p>L53 (RNAV 5)</p> <p>◆ <u>FIR BDRY (MUVIN)</u> 314858.00N 0353242.00E</p> <p>◇ <u>MOUAB</u> 314758.00N 0353559.00E</p>	<p>QAA R274 31.7NM 2800FT</p> <p>QAA R273 28.8NM 2800FT</p>	<p>3NM</p>	<p><u>FL600</u> ALT 6000FT CLASS A+C</p>	<p>↑</p>		<p>For continuation refer to AIP of Israel. Transfer of CTL</p> <p>Westbound Only</p> <p>Amman Upper Sector 128.5MHz Amman Lower West Sector 132.425MHz. Amman Approach 128.9MHz.</p>

ENR 3.3 AREA NAVIGATION (RNAV) ROUTES (CONT.)

ROUTE DESIGNATOR (RNP/RNAV) NAME OF SIGNIFICANT POINTS COORDINATES	WAY-POINT IDENT OF VOR/DME BRG & DIST ELEV DME ANTENNA	DISTANCE NM	UPPER LIMITS LOWER LIMITS AIRSPACE CLASSIFICATION	DIRECTIONS OF CRUISING LEVELS		REMARKS CONTROLLING UNIT CHANNEL
				ODD	EVEN	
1	2	3	4	5		6
<p>→ L200 (RNAV5) ◆ (OSAMA) 315550.00N 0353706.00E</p> <p>◆ AMN01 AMMAN DVOR/DME (AMN) 320014.65N 0360357.55E</p> <p>◆ LOXER 320147.76N 0362251.46E</p> <p>◆ MESLO 320231.00N 0363148.00E</p> <p>◆ LUDAN 320256.60N 0363713.29E</p> <p>◆ KUPRI 320825.87N 0364530.21E</p> <p>◆ ASLON 321211.02N 0365111.25E</p> <p>◆ NADEK 322728.00N 0371429.00E</p> <p>◆ DAXEN 324444.79N 0374105.26E</p>	<p>QAA R288 29.8NM 2800FT</p>	23NM	<p><u>FL600</u> ALT 7000FT CLASS A+C</p>	↓	↑	For continuation, refer to Israel AIP Transfer of CTL
	<p>QAA R029 20.8NM 2800FT</p>	16NM	<p><u>FL600</u> ALT 9000FT CLASS A+C</p>			
	<p>QAA R042 26.3NM 2800FT</p>	8NM	<p><u>FL600</u> ALT 9000FT CLASS A+C</p>			
	<p>QAA R047 30NM 2800FT</p>	5NM	<p><u>FL600</u> ALT 9000FT CLASS A+C</p>	↑	↓	All traffic shall adhere to airway centerline
	<p>QAA R047 38.9NM 2800FT</p>	9NM	<p><u>FL600</u> ALT 11000FT CLASS A+C</p>			
	<p>QAA R047 45NM 2800FT</p>	6NM	<p><u>FL600</u> ALT 13000FT CLASS A+C</p>	↑	↓	ATS Route Segment LUDAN-DAXEN Non-ICAO Standard according to the table of cruising level
	<p>QAA R047 45NM 2800FT</p>	25NM	<p><u>FL600</u> ALT 13000FT CLASS A+C</p>			
	<p>QAA R047 69.9NM 2800FT</p>	28NM	<p><u>FL600</u> ALT 13000FT CLASS A+C</p>			
	<p>QAA R047 98.2NM 2800FT</p>	10NM	<p><u>FL600</u> ALT 13000FT CLASS A+C</p>			Portion ASLON-NADEK is excluded from Prohibited area OJP9

ENR 3.3 AREA NAVIGATION (RNAV) ROUTES (CONT)

ROUTE DESIGNATOR (RNP/RNAV) NAME OF SIGNIFICANT POINTS COORDINATES	WAY-POINT IDENT OF VOR/DME BRG & DIST ELEV DME ANTENNA	DISTANCE NM	UPPER LIMITS LOWER LIMITS AIRSPACE CLASSIFICATION	DIRECTIONS OF CRUISING LEVELS		REMARKS CONTROLLING UNIT CHANNEL
				ODD	EVEN	
1	2	3	4	5		6
◇ <u>ORNAL</u> 324754.59N 0375152.73E	QAA R049 107.4NM 2800FT	10NM	<u>FL600</u> ALT 13000FT CLASS A+C			
◇ <u>KAREM</u> 325110.40N 0380324.38E	QAA R050 117.2NM 2800FT	22NM	<u>FL600</u> ALT 13000FT CLASS A+C			
◇ <u>KUMLO</u> 325811.82N 0382807.67E	QAA R053 138.5NM 2800FT	11NM	<u>FL600</u> ALT 13000FT CLASS A+C	↓	↑	
◇ <u>DAPUK</u> 330139.44N 0384026.29E	QAA R054 149.1NM 2800FT	14NM	<u>FL600</u> ALT 13000FT CLASS A+C			
◆ <u>FIR BDRY (PASIP)</u> 330600.00N 0385600.00E	QAA R055 162.6NM 2800					Transfer of CTL For continuation, refer to Iraq AIP

ENR 3.3 AREA NAVIGATION (RNAV) ROUTES (CONT)

ROUTE DESIGNATOR (RNP/RNAV) NAME OF SIGNIFICANT POINTS COORDINATES	WAY-POINT IDENT OF VOR/DME BRG & DIST ELEV DME ANTENNA	DISTANCE NM	UPPER LIMITS LOWER LIMITS AIRSPACE CLASSIFICATION	DIRECTIONS OF CRUISING LEVELS		REMARKS CONTROLLING UNIT CHANNEL
				ODD	EVEN	
1	2	3	4	5		6
<u>L513 (RNAV5)</u> ◇ <u>MUNRA</u> 304944.29N 0360834.88E ◇ <u>QTR01</u> QATRANEH DVOR/DME (QTR) 311454.41N 0360334.31E ◇ <u>QAA01</u> QUEEN ALIA DVOR/DME (QAA) 314423.41N 0360926.59E ◇ <u>LOXER</u> 320147.76N 0362251.46E ◇ <u>LOSAR</u> 320930.06N 0362849.77E ♦ <u>FIR BDRY (BUSRA)</u> 322000.00N 0363700.00E	QAA R175 56.4NM 2800FT QAA R029 20.8NM 2800FT QAA R029 30NM 2800FT QAA R029 42.6NM 2800FT	26NM 30NM 21NM 9NM 13NM	<u>FL600</u> ALT 9000FT CLASS A+C <u>FL600</u> ALT 7000FT CLASS A+C <u>FL600</u> ALT 9000FT CLASS A+C <u>FL600</u> ALT 9000FT CLASS A+C <u>FL600</u> ALT 13000FT CLASS A+C	↑ ↓	ATS Route Segment QTR01-BUSRA Non-ICAO Standard according to the table of cruising level Transfer of CTL For continuation, refer to Syria AIP	

ENR 3.3 AREA NAVIGATION (RNAV) ROUTES (CONT)

ROUTE DESIGNATOR (RNP/RNAV) NAME OF SIGNIFICANT POINTS COORDINATES	WAY-POINT IDENT OF VOR/DME BRG & DIST ELEV DME ANTENNA	DISTANCE NM	UPPER LIMITS LOWER LIMITS AIRSPACE CLASSIFICATION	DIRECTIONS OF CRUISING LEVELS		REMARKS CONTROLLING UNIT CHANNEL
				ODD	EVEN	
1	2	3	4	5		6
<u>M319 (RNAV5)</u> ◆FIR BDRY (ULINA) 292451.00N 0345817.00E ◇ <u>SESMO</u> 293458.00N 0351159.00E ◇ <u>LOXUS</u> 301300.90N 0352600.70E ◇ <u>LOSIL</u> 304851.20N 0354741.31E ◇ <u>QTR01</u> QATRANEH DVOR/DME (QTR) 311454.41N 0360334.31E ◆ <u>MOUAB</u> 314758.00N 0353559.00E	QAA R080 125.9NM 2800FT QAA R197 138.3NM 2800FT QAA R198 98.7NM 2800FT QAA R194 58.6NM 2800FT QAA R273 28.8NM 2800FT	16NM 40NM 40NM 29NM 41NM	FL600 ALT 8000FT CLASS A+C FL600 ALT 8000FT CLASS A+C FL600 ALT 7000FT CLASS A+C FL600 ALT 7000FT CLASS A+C FL600 ALT 7000FT CLASS A+C	↓ ↑	For continuation, refer to Egypt AIP Transfer of CTL SESMO is a mandatory reporting, own navigation from ULINA-LOXUS is forbidden Transfer of CTL For continuation, refer to Israel AIP	
<u>N134 (RNAV 5)</u> ◆FIR BDRY (RALNA) 315557.00N 0353233.00E ◇ <u>OSAMA</u> 315550.00N 0353706.00E	QAA R286 33.5NM 2800FT QAA R288 29.8NM 2800FT	3.9NM	FL600 ALT 6000FT CLASS A+C	↓ ↑	For continuation refer to AIP of Israel. Transfer of CTL Bidirectional below ALT10500FT Eastbound above ALT10500FT Amman Upper Sector 128.5MHz Amman Lower West Sector 132.425MHz. Amman Approach 128.9MHz.	

ENR 3.3 AREA NAVIGATION (RNAV) ROUTES (CONT)

ROUTE DESIGNATOR (RNP/RNAV) NAME OF SIGNIFICANT POINTS COORDINATES	WAY-POINT IDENT OF VOR/DME BRG & DIST ELEV DME ANTENNA	DISTANCE NM	UPPER LIMITS LOWER LIMITS AIRSPACE CLASSIFICATION	DIRECTIONS OF CRUISING LEVELS		REMARKS CONTROLLING UNIT CHANNEL
				ODD	EVEN	
1	2	3	4	5		6
N318 (RNAV5)						For continuation, refer to Saudi AIP Transfer of CTL
◆ <u>FIR BDRY (GENEX)</u> 312935.47N 0370051.52E	QAA R104 46.2NM 2800FT	14NM	FL600 FL150 CLASS A			Amman APP 128.9 MHZ According to ENR.1.6-5 Para 2.7
◇ <u>ELOXI</u> 313400.99 N0364534.23E	QAA R104 32.5NM 2800FT	8NM	FL600 FL150 CLASS A			
◇ <u>KINUR</u> 313626.07N 0363712.78E	QAA R104 24.9NM 2800FT	11NM	FL 600 ALT 7000FT CLASS A	↑	↓	
◇ <u>ALNOR</u> 313955.26N 0362507.52E	QAA R104 14NM 2800FT	14NM	FL600 ALT 6000FT CLASS A			
◇ <u>QAA01</u> QUEEN ALIA DVOR/DME (QAA) 314423.41N 0360926.59E		29NM	FL600 ALT 6000FT CLASS A			
→ ◆ <u>(MOUAB)</u> 314758.00N 0353559.00E	QAA R273 28.8NM 2800FT					Transfer of CTL For continuation, refer to Israel AIP

ENR 3.3 AREA NAVIGATION (RNAV) ROUTES (CONT)

ROUTE DESIGNATOR (RNP/RNAV) NAME OF SIGNIFICANT POINTS COORDINATES	WAY-POINT IDENT OF VOR/DME BRG & DIST ELEV DME ANTENNA	DISTANCE NM	UPPER LIMITS LOWER LIMITS AIRSPACE CLASSIFICATION	DIRECTIONS OF CRUISING LEVELS		REMARKS CONTROLLING UNIT CHANNEL
				ODD	EVEN	
1	2	3	4	5		6
<u>R652(RNAV5)</u>						
♦ <u>METSA</u> 292707.00N 0345903.00E	QAA R200 150.0NM 2800FT	14NM	<u>FL600</u> ALT 8000FT CLASS A+C			TFC DEP OJAQ via METSA to proceed DCT ULINA after METSA then refer to Egypt AIP
♦ <u>BAKIR</u> 294053.00N 0350708.00E	QAA R199 134.6NM 2800FT	17NM	<u>FL600</u> ALT 8000FT CLASS A+C			TFC ARR OJAQ via ULINA to proceed direct METSA then refer to Jordan AIP OJAQ AD 2
♦ <u>QATIM</u> 295600.00N 0351600.00E	QAA R199 117.7NM 2800FT	19NM	<u>FL600</u> ALT 8000FT CLASS A+C			
♦ <u>LOXUS</u> 301300.90N 0352600.70E	QAA R198 98.7NM 2800FT	40NM	<u>FL600</u> ALT 8000FT CLASS A+C			Amman Lower West Sector 132.425MHz Amman Approach 128.9MHz
♦ <u>LOSIL</u> 304851.20N 0354741.31E	QAA R194 58.6NM 2800FT	29NM	<u>FL600</u> ALT 7000FT CLASS A+C	↓	↑	AQABA Approach Sector 119.2MHz According to ENR.1.6-5 Para 2.7
♦ <u>QTR01</u> QATRANEH DVOR/DME (QTR) 311454.41N 0360334.31E		13NM	<u>FL600</u> ALT 9000FT CLASS A+C			Route Segment QTR-METSA only for TFC Departing or Arriving Aqaba/King Hussein Airport
♦ <u>EGL0T</u> 311656.94N 0361823.86E	QAA R160 28.5NM 2800FT	12NM	<u>FL600</u> ALT 9000FT CLASS A+C			
♦ <u>KULDI</u> 311847.07N 0363214.16E	QAA R138 32.1NM 2800FT	30NM	<u>FL 600</u> <u>FL 150</u> CLASS A+C			
♦ <u>FIR BDRY (KIPAS)</u> 312324.00N0370641.00E	QAA R109 53.2NM 2800FT					Transfer of CTL For continuation, refer to Saudi AIP

ROUTE DESIGNATOR (RNP/RNAV) NAME OF SIGNIFICANT POINTS COORDINATES	WAY-POINT IDENT OF VOR/DME BRG & DIST ELEV DME ANTENNA	DISTANCE NM	UPPER LIMITS LOWER LIMITS	DIRECTIONS OF CRUISING LEVELS		REMARKS CONTROLLING UNIT CHANNEL
			AIRSPACE CLASSIFICATION	ODD	EVEN	
1	2	3	4	5		6
UM449 (RNAV5) ♦FIR BDRY (GIBET) 292620.00N0362501.00E	QAA R170 138.4NM 2800FT	16NM	FL600 FL 250 CLASS A			For continuation, refer to Saudi AIP Transfer of CTL
◇PETRA 294206.00N 0362210.00E	QAA R170 122.5NM 2800FT	30NM	FL600 FL 250 CLASS A			Amman Upper Sector 128.5MHz Amman Lower West Sector 132.425MHz Amman Approach 128.9MHz.
◇KINOD 301200.30N 0361600.60E	QAA R172 92.4NM 2800FT	38NM	FL600 FL 250 CLASS A			According to ENR.1.6-5 Para 2.7
◇MUNRA 304944.29N0360834.88E	QAA R176 91.45NM 2800FT	28NM	FL600 FL 250 CLASS A	↑	↓	ATS Route Segment MUNRA-BUSRA Non-ICAO Standard according to the table of cruising level.
◇EGLOT 311656.94N 0361823.86E	QAA R160 28.4NM 2800FT	24NM	FL600 FL 210 CLASS A			
◇ALNOR 313955.26N 0362507.52E	QAA R104 14.1NM 2800FT	19NM	FL600 FL 210 CLASS A			
◇GETUP 315833.47N0363037.47E	QAA R047 22.9NM 2800FT	4NM	FL600 FL 210 CLASS A			
◇MESLO 320231.00N0363148.00E	QAA R042 26.3NM 2800FT	5NM	FL600 FL 210 CLASS A			
◇GIBOX 320700.00N0363308.00E	QAA R037 30.3M 2800FT	13NM	FL600 FL 210 CLASS A			
♦FIR BDRY (BUSRA) 322000.00N 0363700.00E	QAA R029 42.6NM 2800FT					Transfer of CTL For continuation, refer to Syria AIP

ENR 3.3 AREA NAVIGATION (RNAV) ROUTES (CONT)

ROUTE DESIGNATOR (RNP/RNAV) NAME OF SIGNIFICANT POINTS COORDINATES	WAY-POINT IDENT OF VOR/DME BRG & DIST ELEV DME ANTENNA	DISTANCE NM	UPPER LIMITS LOWER LIMITS AIRSPACE CLASSIFICATION	DIRECTIONS OF CRUISING LEVELS		REMARKS CONTROLLING UNIT CHANNEL			
				ODD	EVEN				
1	2	3	4	5		6			
UM690 (RNAV5) ♦ <u>FIR BDRY (ULINA)</u> 292451.00N 0345817.00E	QAA R200 152.0NM 2800FT	16NM	<u>FL600</u> ALT 8000FT CLASS A	↓	↑	For continuation, refer to Egypt AIP Transfer of CTL Amman Upper Sector 128.5MHz Amman Lower West Sector 132.425MHz Aqaba Approach Sector 119.2MHz According to ENR.1.6-5 Para 2.7 Hours of Operation (LT): SUN 1600-0600 Next Day MON 1600-0600 Next Day TUE 1600-0600 Next Day WED 1600-0600 Next Day THU 1600-0600 Next SUN			
◇ <u>SESMO</u> 293458.00N 0351159.00E	QAA R197 138.3NM 2800FT	39NM	<u>FL600</u> FL 250 CLASS A						
◇ <u>LONQL</u> 300800.60N 0353500.10E	QAA R193 100.6NM 2800FT	51NM	<u>FL600</u> FL 310 CLASS A						
◇ <u>MUNRA</u> 304944.29N 0360834.88E	QAA R176.3 54.5NM 2800FT	35NM	<u>FL600</u> FL 310 CLASS A						
◇ <u>KULDI</u> 311847.07N 0363214.16E	QAA R138 32.1NM 2800FT	19NM	<u>FL600</u> FL 310 CLASS A						
◇ <u>ELOXI</u> 313400.99N 0364534.23E	QAA R104 32.5NM 2800FT	19NM	<u>FL600</u> FL 310 CLASS A				↑	↓	ATS Route Segment ELOXI-ZELAF Non-ICAO Standard
◇ <u>DESLI</u> 314900.10N 0365900.60E	QAA R079 42.5NM 2800FT	55NM	<u>FL600</u> FL 310 CLASS A						
◇ <u>KODER</u> 323300.00N 0373800.50E	QAA R052 89.5NM 2800FT	19NM	<u>FL600</u> FL310 CLASS A						
◇ <u>ORNAL</u> 324754.59N 0375152.73E	QAA R049 107.5NM 2800FT	11NM	<u>FL600</u> ALT 13000FT CLASS A						
♦ <u>FIR BDRY (ZELAF)</u> 325656.20N 0375959.26E	QAA R047° 118.4NM 2800FT					Transfer of CTL For continuation, refer to Syria AIP			

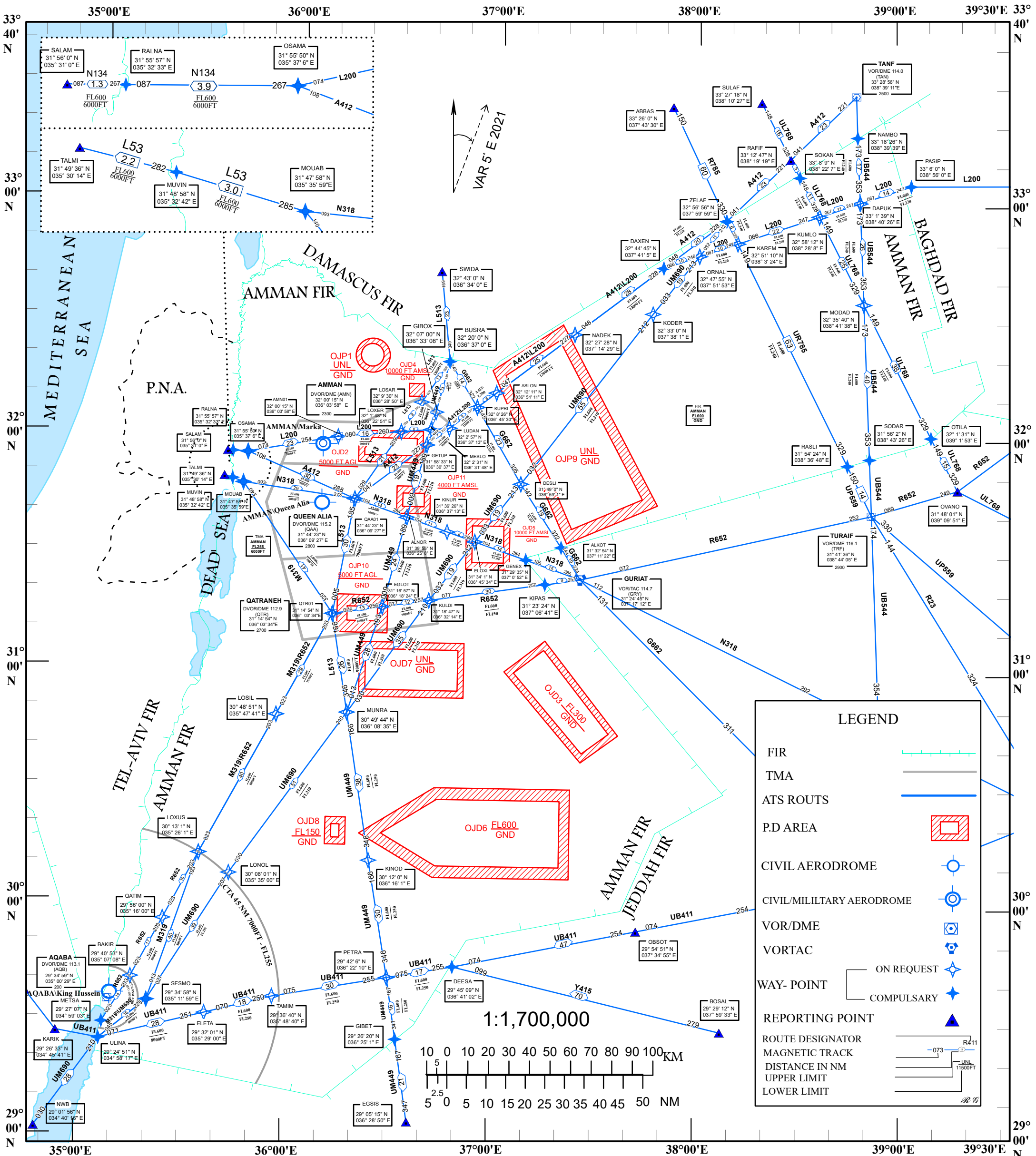
ENR 4.4 NAME – CODE DESIGNATORS FOR SIGNIFICANT POINT

Name-Code Designator	Coordinates		ATS route or other route
ALKOT	313254.00N	371122.00E	G662 FIR BORDER
ALNOR	313955.26N	0362507.52E	N318 UM449 AMMAN TERMINAL
AMN01	320014.65N	0360357.55E	L200
ASLON	321211.02N	0365111.25E	A412 L200
ASPAL	313955.45N	0361338.19E	AMMAN TERMINAL
BAKIR	294053.00N	0350708.00E	R652 AQABA TERMINAL
BUSRA	322000.00N	0363700.00E	G662 L513 UM449 FIR BORDER
DAPUK	330139.44N	0384026.29E	L200 UB544
DAVOS	294406.92N	0350222.39E	AQABA TERMINAL
DAXEN	324444.79N	0374105.26E	A412 L200
DEBOK	315240.65N	0360903.77E	AMMAN TERMINAL
DEESA	294509.00N	0364102.00E	UB411 FIR BORDER
DESLI	314900.10N	0365900.60E	G662 UM690
EGLOT	311656.94N	0361823.86E	R652 UM449
ELETA	293200.80N	0352900.10E	UB411 AQABA TERMINAL
ELOXI	313400.99N	0364534.23E	N318 UM690
EMILO	314905.53N	0355032.71E	AMMAN TERMINAL
ENADA	314540.61N	0361229.57E	AMMAN TERMINAL
GENEX	312935.47N	0370051.52E	N318 FIR BORDER
GENIS	314451.83N	0361239.17E	AMMAN TERMINAL
GENUN	292544.63N	0345715.28E	AQABA TERMINAL
GERAV	295339.06N	0351043.07E	AQABA TERMINAL
GETUP	315833.47N	0363037.47E	A412 UM449
GEVUP	314101.34N	0354607.33E	AMMAN TERMINAL
GIBET	292620.00N	0362501.00E	UM449 FIR BORDER
GIBOX	320700.00N	0363308.00E	UM449
IMLOL	315725.37N	0360935.87E	AMMAN TERMINAL
IMSEK	300539.41N	0351020.05E	AQABA TERMINAL
IVADO	320752.92N	0362240.99E	AMMAN TERMINAL
IVATA	292519.92N	0351356.69E	AQABA TERMINAL
KAREM	325110.40N	0380324.38E	L200 UR785
KEDET	292434.17N	0350138.05E	AQABA TERMINAL
KINEN	315122.45N	0355124.66E	AMMAN TERMINAL
KINOD	301200.30N	0361600.60E	UM449
KINUR	313626.07N	0363712.78E	N318
KIPAS	312324.00N	0370641.00E	R652 FIR BORDER
KITUT	314445.05N	0360605.76E	AMMAN TERMINAL
KIVAR	292331.00N	0345629.00E	AQABA TERMINAL
KODER	323300.00N	0373800.50E	UM690
KULDI	311847.07N	0363214.16E	R652 UM690
KUMLO	325811.82N	0382807.67E	L200 UL768
KUPRI	320825.87N	0364530.21E	A412 G662 L200
LONIN	315256.14N	0362314.71E	AMMAN TERMINAL
LONOL	300800.60N	0353500.10E	UM690
LOSAR	320930.06N	0362849.77E	L513
LOSIL	304851.20N	0354741.31E	R652 M319
LOTES	313604.89N	0354705.83E	AMMAN TERMINAL
LOXAL	292341.23N	0350455.06E	AQABA TERMINAL
LOXER	320147.76N	0362251.46E	L200 L513
LOXUS	301300.90N	0352600.70E	M319 R652
LUDAN	320256.60N	0363713.29E	A412 L200
MESLO	320231.00N	0363148.00E	L200 UM449
METSA	292707.00N	0345903.00E	R652
MITUL	314246.29N	0355224.22E	AMMAN TERMINAL
MODAD	323539.88N	0384138.14E	UB544 UL768
→ MOUAB	314758.00N	0353559.00E	N318 M319 L53

ENR 4.4 NAME – CODE DESIGNATORS FOR SIGNIFICANT POINT (cont.)

Name-Code Designator	Coordinates		ATS route or other route
MUNRA	304944.29N	0360834.88E	L513 UM449 UM690
MUSAL	315806.72N	0354525.61E	AMMAN TERMINAL
→ MUVIN	314858.00N	0353242.00E	L53 FIR BORDER
MUVON	294654.00N	0350440.00E	AQABA TERMINAL
NADEK	322728.00N	0371429.00E	A412 L200
NALBO	295118.29N	0350526.05E	AQABA TERMINAL
NAMBO	331825.68N	0383938.59E	UB544 FIR BORDER
NIVLU	320516.79N	0361619.11E	AMMAN TERMINAL
OBSAL	314150.47N	0354557.39E	AMMAN TERMINAL
OBTAN	314201.00N	0355303.00E	AMMAN TERMINAL
ORDAL	315257.18N	0361601.69E	AMMAN TERMINAL
ORDUN	315124.02N	0361121.01E	AMMAN TERMINAL
ORKAB	315547.33N	0355315.96E	AMMAN TERMINAL
ORNAL	324754.59N	0375152.73E	L200 UM690
→ OSAMA	315550.00N	0353706.00E	A412 L200 N134
OTILA	320131.00N	0390152.84E	UL768 FIR BORDER
PASIP	330600.00N	0385600.00E	L200 FIR BORDER
PETRA	294206.00N	0362210.00E	UB411 UM449
QAA01	314423.41N	0360926.59E	A412 L513 N318
QATIM	295600.00N	0351600.00E	R652
QTR01	311454.41N	0360334.31E	L513 M319 R652
→ RALNA	315557.00N	0353233.00E	N134 FIR BORDER
RASLI	315424.00N	0383648.00E	UR785 FIR BORDER
RESOS	314646.57N	0354459.07E	AMMAN TERMINAL
SESMO	293458.00N	0351159.00E	M319 UM690 AQABA TERMINAL
SIVIK	314401.40N	0360650.97E	AMMAN TERMINAL
SODAR	315602.00N	0384326.00E	UB544 FIR BORDER
SOKAN	330809.00N	0382207.00E	UL768 FIR BORDER
SOLOL	315336.15N	0354758.28E	AMMAN TERMINAL
TAMIM	293640.00N	0354840.00E	UB411 AQABA TERMINAL
ULINA	292451.00N	0345817.00E	UB411UM690 M319 FIR BORDER
ZELAF	325656.20N	0375959.26E	A412 UM690 UR785 FIR BORDER

EN-ROUTE CHART-ICAO



CHANGE: NEW ATS ROUTES N134 & L53