THE HASHEMITE KINGDOM OF JORDAN
CIVIL AVIATION REGULATORY COMMISION
DIRECTORATE OF AIR TRAFFIC MANAGEMENT
AERONAUTICAL INFORMATION SERVICES
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AIRAC
AIP
AMENDMENT 6/2011
4 NOV 2011

EFFECTIVE DATE 15 DEC 2011

1. Contents

ENR 1.5 - New SID /STAR procedure for Amman/Marka and Amman/ Queen Alia

ENR 3.1 – Establishing and re aligning lower ATS routes

ENR 3.2 – Establishing and re aligning upper ATS routes

ENR 3.3 - Establishing and re aligning RNAV ATS routes

ENR 6-1 – New ATS Route chart

AD 2 - New SID /STAR charts for Amman/Marka and Amman/ Queen Alia

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

3. This amendment incorporates information contained in the following AIP SUP and NOTAM which are herby cancelled:

AIP SUP: 3/08

NOTAM: A0086/11, A0093/11, A0095/11, A0108/11, A0110/11, A0111/11, A0113/11, A0118/11, A0175/11, A0176/11, A0187/11, A0159/11, A0160/11, A0161/11, A0162/11, A0185/11, A0186/11, A0187/11, A0188/11.

3. On 15 DEC 2011 destroy and insert the following pages:

PAGES TO BE DESTROYED		PAGES TO BE INSERTED	
GEN			
0.4-1	01 NOV 2011	0.4-1	15 DEC 2011
0.4-2	01 NOV 2011	0.4-2	15 DEC 2011
3.2-4	01 MAY 2009	3.2-4	15 DEC 2011
3.3-2	01 FEB 2010	3.3-2	15 DEC 2011
ENR			
0.6-1	01 MAY 2007	0.6-1	15 DEC 2011
0.6-2	01 NOV 2008	0.6-2	15 DEC 2011
1.3-1	01 FEB 2007	1.3-1	15 DEC 2011
1.5-12	01 MAY 2010	1.5-12	15 DEC 2011
1.5-13	01 FEB 2010	1.5-13	15 DEC 2011
1.5-14	01 FEB 2010	1.5-14	15 DEC 2011
1.5-15	01 FEB 2010	1.5-15	15 DEC 2011
1.5-16	01 FEB 2010	1.5-16	15 DEC 2011
1.5-17	01 FEB 2010	1.5-17	15 DEC 2011

1.5-18	01 FEB 2010	1.5-18	15 DEC 2011
1.5-19	01 FEB 2010	1.5-19	15 DEC 2011
1.5-20	01 FEB 2010	1.5-20	15 DEC 2011
1.5-21	01 FEB 2010	1.5-21	15 DEC 2011
1.5-22	01 FEB 2010	1.5-22	15 DEC 2011
1.5-23	01 FEB 2010	1.5-23	15 DEC 2011
1.5-24	01 FEB 2010	1.5-24	15 DEC 2011
1.6-6	01 FEB 2008		
3.1-1	01 NOV 2008	3.1-1	15 DEC 2011
3.1-2	01 AUG 2009	3.1-2	15 DEC 2011
3.1-3	01 NOV 2008	3.1-3	15 DEC 2011
3.1-4	01 FEB 2010	3.1-4	15 DEC 2011
		3.1-5	15 DEC 2011
		3.1-6	15 DEC 2011
		3.1-7	15 DEC 2011
3.2-1	07 APR 2011	3.2-1	15 DEC 2011
		3.2-2	15 DEC 2011
		3.2-3	15 DEC 2011
		3.2-4	15 DEC 2011
		3.2-5	15 DEC 2011
3.3-1	07 APR 2011	3.3-1	15 DEC 2011
		3.3-2	15 DEC 2011
		3.3-3	15 DEC 2011
		3.3-4	15 DEC 2011
		3.3-5	15 DEC 2011
		3.3-6	15 DEC 2011
		3.3-7	15 DEC 2011
		3.3-8	15 DEC 2011
		3.3-9	15 DEC 2011
		3.3-10	15 DEC 2011
		3.3-11	15 DEC 2011
4.4-1	01 MAY 2010	4.4-1	15 DEC 2011
6-1	01 FEB 2008	6-1	15 DEC 2011
AD 2			
OJAM			
2-31	01 MAY 2001	2-31	15 DEC 2011
2-31A	01 MAY 2001	2-31A	15 DEC 2011
2-35	01 MAY 2001	2-35	15 DEC 2011
2-35A	01 MAY 2001	2-35A	15 DEC 2011
OJAI			
2.31	01 MAY 2001	2.31	15 DEC 2011
2-31A	01 MAY 2001	2-31A	15 DEC 2011
2-31B	01 MAY 2001	2-31B	15 DEC 2011
2-31C	01 MAY 2001	2-31C	15 DEC 2011
2-35	01 MAY 2001	2-35	15 DEC 2011
2-35A	01 MAY 2001	2-35A	15 DEC 2011

GEN 0.4 CHECK LIST OF AIP PAGES

Page	Date	Page	Date	Page	Date
PART 1 – GENERAL (GEN)		2.3-4	01 NOV 2006	4.1-2	01 NOV 2010
GEN 0		2.3-5	01 NOV 2006	4.1-3	01 NOV 2010
0.1-1	01 NOV 2010	2.4-1	01 FEB 2010	4.1-4	01 NOV 2010
0.1-2	01 NOV 2010	2.5-1	01 AUG 2011	4.1-5	01 NOV 2010
0.1-3	01 NOV 2010	2.6-1	01 MAY 2007	4.1-6	01 NOV 2010
0.2-1	01 AUG 2009	2.6-2	01 MAY 2007	4.1-7	01 NOV 2010
0.2-2	01 MAY 2008	2.7-1	01 NOV 2011	4.1-8	01 NOV 2010
0.3-1	01 MAY 2009	2.7-2	01 NOV 2011	4.2-1	01 NOV 2010
*0.4-1	15 DEC 2011	2.7-3	01 NOV 2011	4.2-2	01 NOV 2010
*0.4-2	15 DEC 2011	2.7-4	01 NOV 2011		
0.5-1	01 NOV 2006	2.7-5	01 NOV 2011	**PART 2 – EN – ROUT (ENR)**	
0.6-1	01 NOV 2006	**GEN 3**		**ENR 0**	
0.6-2	01 NOV 2006	3.1-1	01 NOV 2010	*0.6-1	15 DEC 2011
		3.1-2	01 MAY 2011	*0.6-2	15 DEC 2011
GEN 1		3.1-3	01 MAY 2010		
1.1-1	01 NOV 2010	3.1-4	01 MAY 2010	**ENR 1**	
1.2-1	01 MAY 2008	3.1-5	01 MAY 2010	1.1-1	01 MAY 2008
1.2-2	01 MAY 2008	3.1-6	01 FEB 2010	1.1-2	01 MAY 2008
1.2-3	01 MAY 2011	3.1-7	01 AUG 2009	1.1-3	01 MAY 2008
1.3.1	01 MAY 2011	3.2-1	01 NOV 2010	1.2-1	01 MAY 2008
1.3.2	01 MAY 2011	3.2-2	01 NOV 2010	1.2-2	01 MAY 2008
1.4.1	01 MAY 2011	3.2-3	01 FEB 2010	1.2-3	01 NOV 2010
1.5-1	01 MAY 2010	*3.2-4	15 DEC 2011	1.3-1	01 FEB 2007
1.6-1	01 MAY 2011	3.2-5	01 FEB 2011	1.4-1	01 FEB 2007
1.7-1	01 NOV 2011	3.3-1	01 NOV 2010	1.5-1	01 AUG 2009
1.7-2	01 FEB 2011	*3.3-2	15 DEC 2011	1.5-2	01 FEB 2007
1.7-3	01 AUG 2011	3.3-3	01 AUG 2011	1.5-3	01 FEB 2007
1.7-4	01 NOV 2010	3.4-1	01 NOV 2010	1.5-4	01 FEB 2007
1.7-5	01 NOV 2010	3.4-2	01 NOV 2010	1.5-5	01 MAY 2008
1.7-6	01 NOV 2010	3.4-3	01 FEB 2010	1.5-6	01 AUG 2009
GEN 2		3.4-4	01 FEB 2010	1.5-7	01 AUG 2009
2.1-1	01 NOV 2010	3.5-1	01 MAY 2009	1.5-8	01 AUG 2009
2.1-2	01 MAY 2011	3.5-2	01 AUG 2009	1.5-9	01 FEB 2007
2.1-3	01 NOV 2010	3.5-3	01 FEB 2010	1.5-10	01 FEB 2007
2.2-1	01 NOV 2010	3.5-4	01 FEB 2010	1.5-11	01 MAY 2010
2.2-2	01 NOV 2010	3.5-5	01 NOV 2007	*1.5-12	15 DEC 2011
2.2-3	01 NOV 2010	3.5-6	01 NOV 2006	*1.5-13	15 DEC 2011
2.2-4	01 NOV 2010	3.5-7	01 NOV 2006	*1.5-14	15 DEC 2011
2.2-5	01 NOV 2010	3.5-8	01 NOV 2006	*1.5-15	15 DEC 2011
2.2-6	01 NOV 2010	3.5-9	01 NOV 2006	*1.5-16	15 DEC 2011
2.2-7	01 NOV 2010	3.5-10	01 NOV 2006	*1.5-17	15 DEC 2011
2.2-8	01 NOV 2010	3.5-11	01 NOV 2006	*1.5-18	15 DEC 2011
2.2-9	01 NOV 2010	3.5-12	01 NOV 2006	*1.5-19	15 DEC 2011
2.2-10	01 NOV 2010	3.5-13	01 NOV 2006	*1.5-20	15 DEC 2011
2.2-11	01 NOV 2010	3.5-14	01 NOV 2006	*1.5-21	15 DEC 2011
2.2-12	01 NOV 2010	3.5-15	01 NOV 2006	*1.5-22	15 DEC 2011
2.2-13	01 NOV 2010	3.5-16	01 NOV 2006	*1.5-23	15 DEC 2011
2.2-14	01 NOV 2010	3.5-17	01 NOV 2006	*1.5-24	15 DEC 2011
2.2-15	01 NOV 2010	3.5-18	01 FEB 2010	1.5-25	01 FEB 2010
2.2-16	01 NOV 2010	3.5-19	01 FEB 2010	1.5-26	01 FEB 2010
2.2-17	01 NOV 2010	3.5-20	01 FEB 2010	1.6-1	01 MAY 2008
2.2-18	01 NOV 2010	3.5-21	01 FEB 2010	1.6-2	01 MAY 2008
2.2-19	01 NOV 2010	3.5-22	01 FEB 2010	1.6-3	01 AUG 2011
2.2-20	01NOV 2010	3.6-1	01 AUG 2011	1.6-4	01 AUG 2011
2.3-1	01 NOV 2006	3.6-2	01 AUG 2011	1.6-5	01 AUG 2011
2.3-2	01 NOV 2006	3.6-3	01 AUG 2011	1.6-7	01 FEB 2007
2.3-3	01 NOV 2006	**GEN 4**			
		4.1-1	01 NOV 2010		

GEN 0.4 CHECK LIST OF AIP PAGES

Page	Date	Page	Date	Page	Date
1.7-1	01 AUG 2011	4.1-1	01 MAY 2007		
1.7-2	01 NOV 2011	4.2-1	01 MAY 2007	AD 2 (OJAI)	
1.7-3	01 AUG 2011	4.3-1	01 MAY 2007	2.1	01 AUG 2009
1.8-1	01 AUG 2011	*4.4-1	15 DEC 2011	2.2	01 MAY 2008
1.8-2	01 AUG 2011	4.5-1	01 MAY 2007	2.3	
1.9-1	01 AUG 2011	5.1-1	01 MAY 2009	2.4	01 NOV 2009
1.10-1	01 NOV 2010	5.1-2	01 MAY 2008	2.5	01 AUG 2007
1.10-2	01 MAY 2008	5.2-1	01 NOV 2009	2.6	01 AUG 2009
1.10-3	01 FEB 2007	5.3-1	01 NOV 2009	2.7	01 AUG 2007
1.10-4	01 FEB 2007	5.4-1	01 MAY 2007	2.8	01 NOV 2011
1.10-5	01 FEB 2007	5.5-1	01 NOV 2007	2.9	01 NOV 2011
1.10-6	01 FEB 2007	5.6-1	01 MAY 2008	2.10	01 AUG 2007
1.11-1	01 FEB 2007	5.6-2	01 MAY 2008	2.11	01 FEB 2010
1.12-1	01 FEB 2007	5.6-3	01 MAY 2008	2.12	01 MAY 2009
1.12-2	01 FEB 2007	5.6-4	01 MAY 2008	2.13	01 AUG 2007
1.12-3	01 FEB 2007	5.6-5	01 MAY 2008	2.14	01 AUG 2007
1.12-4	01 FEB 2007	*6-1	15 DEC 2011	2.15	01 MAY 2010
1.13-1	01 FEB 2007	6-3	01 MAY 2009	2-19	01 MAY 2009
1.14-1	01 MAY 2008	6-7	01 MAY 2009	2-21	01 MAY 2009
1.14-2	01 MAY 2008	6-8	01 MAY 2008	2-23	01 MAY 2009
1.14-3	01 FEB 2007	6-9	01 MAY 2008	2-25	01 MAY 2006
1.14-4	01 FEB 2007			2-25A	01 MAY 2006
1.14-5	01 FEB 2007	PART 3 - AERODROMES (AD)		2-25B	01 MAY 2006
1.14-6	01 FEB 2007	AD 0	AD 0	2-25C	01 MAY 2006
1.14-7	01 FEB 2007	0.6-1	0.6-1	2-27	31 JULY 2008
2.1-1	01 FEB 2007	0.6-2	0.6-2	*2.31	15 DEC 2011
2.1-2	01 FEB 2007	AD 1	AD 1	*2-31A	15 DEC 2011
2.1-3	01 MAY 2008	1.1-1	1.1-1	*2-31B	15 DEC 2011
2.1-4	01 FEB 2009	1.1-2	1.1-2	*2-31C	15 DEC 2011
2.1-5	01 FEB 2007	1.1-3	1.1-3	*2-35	15 DEC 2011
2.2-1	01 FEB 2007	1.2-1	1.2-1	*2-35A	15 DEC 2011
*3.1-1	15 DEC 2011	1.2-2	1.2-2	2-37	01 MAY 2006
*3.1-2	15 DEC 2011	1.3-1	1.3-1	2-37A	01 MAY 2006
*3.1-3	15 DEC 2011	1.4-1	1.4-1	2037B	01 MAY 2006
*3.1-4	15 DEC 2011	1.5-1	1.5-1	2-37C	01 MAY 2006
*3.1-5	15 DEC 2011			2-37D	01 MAY 2006
*3.1-6	15 DEC 2011	AD 2 (OJAM)		2-37E	01 MAY 2006
*3.1-7	15 DEC 2011	2.1	01 MAY 2009	2-37F	01 MAY 2006
*3.2-1	15 DEC 2011	2.2	01 MAY 2009	2.37G	01 MAY 2008
*3.2-2	15 DEC 2011	2.3	01 MAY 2009		
*3.2-3	15 DEC 2011	2.4	01 MAY 2009	AD 2 (OJAQ)	
*3.2-4	15 DEC 2011	2.5	01 AUG 2007	2.1	01 FEB 2011
*3.2-5	15 DEC 2011	2.6	01 AUG 2007	2.2	01 FEB 2011
*3.3-1	15 DEC 2011	2.7	01 MAY 2008	2.3	01 FEB 2011
*3.3-2	15 DEC 2011	2.8	01 MAY 2008	2.4	01 FEB 2011
*3.3-3	15 DEC 2011	2.9	01 NOV 2011	2.5	01 FEB 2011
*3.3-4	15 DEC 2011	2.10	01 MAY 2009	2.6	01 FEB 2011
*3.3-5	15 DEC 2011	2.11	01 AUG 2007	2.7	01 FEB 2011
*3.3-6	15 DEC 2011	2-19	01 MAY 2009	2.8	01 FEB 2011
*3.3-7	15 DEC 2011	2-23	01 MAY 2009	2.9	01 NOV 2011
*3.3-8	15 DEC 2011	2-25	01 MAY 2009	2.10	01 FEB 2011
*3.3-9	15 DEC 2011	2-25A	01 MAY 2009	2.11	01 NOV 2009
*3.3-10	15 DEC 2011	*2-31	15 DEC 2011	2-23	01 AUG 2005
*3.3-11	15 DEC 2011	*2-31A	15 DEC 2011	2-25	01 AUG 2005
3.4-1	01 FEB 2007	*2-35	15 DEC 2011	2-25A	01 MAY 2004
3.5-1	01 FEB 2007	*2-35A	15 DEC 2011	2-31	01 MAY 2004
3.6-1	01 FEB 2007	2-37	01 FEB 2002	2-31A	01 MAY 2004
		2-37A	01 FEB 2002	2-37	01 AUG 2005
		2-37B	01 FEB 2002	2-39	01 AUG 2005

5. LIST OF AERONAUTICAL CHARTS AVAILABLE

The following Aeronautical charts available and part of the AIP :

TITLE OF SERIES	SCALE	CHART NAME AND OR NUMBER	PRICE (JD) OUTSIDE / INSIDE JORDAN	DATE
Instrument Approach Chart (IAC)	**1:25 0000**	**AMMAN/Marka ILS/DME (AMN) RWY 24** **AMMAN/Marka VOR/DME (AMN) RWY 24** **AMMAN/Marka NDB "JYO" / DME (AMN) RWY 24**		**01 FEB 2002** **01 FEB 2002** **01 FEB 2002**
Instrument Approach Chart (IAC)	**1: 25 0000**	**AMMAN/Queen Alia QAA VOR/IQA ILS RWY 26L** **AMMAN/Queen Alia** QA NDB/IQA ILS RWY 26L **AMMAN/Queen Alia** ILS/DME IQA CAT II RWY 26L **AMMAN/Queen Alia NDB (L) "MDB" DME (QAA) / RWY 08L** **AMMAN/Queen Alia NDB (L) "MDB" DME (QAA) / RWY 08R** **AMMAN/Queen Alia NDB (L) MDB/ILS (IQAN) RWY 08L** **AMMAN/Queen Alia QL NDB/QAA VOR DME RWY 26R** **AMMAN/Queen Alia ILS (IQAR)/QAA VOR/DME RWY 26R**		**01 MAY 2006** **01 MAY 2006** **01 MAY 2008** **01 MAY 2006** **01 MAY 2006** **01 MAY 2006** **01 MAY 2006** **01 MAY 2006**
Instrument Approach Chart (IAC)	**1: 25 0000**	**AQABA/King Hussein ILS VOR DME RWY 01**		**01 AUG 2005**
Visual Approach Chart (VAC)	**1: 25 0000**	**AQABA/ King Hussein**		**01 AUG 2005**
Aerodrome Chart ICAO (ADC)		AMMAN/Marka		**01 MAY 2009**
Aerodrome Chart ICAO (ADC)		**AMMAN/Queen Alia**		**01 MAY 2009**
Aircraft Parking / Docking Chart ICAO		**AMMAN/Queen Alia**		**01 MAY 2009**

5. List of aeronautical charts available (CONT)

TITLE OF SERIES	SCALE	CHART NAME AND OR NUMBER	PRICE (JD) OUTSIDE / INSIDE JORDAN	DATE
Aerodrome Obstacle ICAO Type A (AOC)	1: 25 000	AMMAN/Marka RWY 06 RWY 24		01 MAY 2009
Aerodrome Obstacle Chart-ICAO Type A (AOC)	1: 15 000	AMMAN/Queen Alia RWY 08R RWY 26L RWY 08L RWY 26R		01 MAY 2006
Aerodrome Obstacle Chart-ICAO Type A (AOC)	1:15 000	AQABA/King Hussein RWY 01 AQABA/King Hussein RWY 19		01 AUG 2005 01 MAY 2004
Precision Approach Terrain Chart- ICAO (PATC)	1:2500	AMMAN/Queen Alia		31 JUL 2008
Aerodrome Ground Movement Chart- ICAO (GMC)	1: 20 000	AMMAN/Marka		01 MAY 2009
Aerodrome Ground Movement Chart- ICAO (GMC)	1: 20 000	AMMAN/Queen Alia		01 MAY 2009
Aerodrome Ground Movement Chart- ICAO (GMC)	1: 20 000	AQABA/King Hussein		01 AUG 2005
En-Route Chart ICAO (ERC)	1: 1 700 000			07 JUL 2005
Standard Departure Chart -Instrument - ICAO	1:500:000	AMMAN/Queen Alia RWY 08L RWY 08R RWY 26L RWY 26R		15 DEC 2011
Standard Departure Chart- Instrument - ICAO	1:500:000	AMMAN/Marka RWY 06 RWY 24		15 DEC 2011
Standard Departure Chart- Instrument - ICAO	1:500:000	AQABA/King Hussein RWY 01 RWY 19		01 MAY 2004
Standard Arrival Chart- Instrument- ICAO	1:500:000	AMMAN/Queen Alia RWY 08R/08L RWY 26R/26L		15 DEC 2011
Standard Arrival Chart- Instrument- ICAO	1:500:000	AMMAN/Marka RWY 06 RWY 24		15 DEC 2011

GEN 3.3 AIR TRAFFIC SERVICES

1. RESPONSIBLE SERVICE

The Authority responsible for the overall administration of the air traffic services provided for International Civil Aviation is the Chief Commissioner of Civil Aviation Regulatory Commission.

Postal Address	Civil Aviation Regulatory Commission Directorate of Air Traffic Management P.O.Box 7574-AMMAN The Hashemite Kingdom of Jordan
AFS	OJAMYHYX
Fax	++962 6 4891266
Tel	++962 6 4897729
E-mail	datm@carc.gov.jo

The services are provided in accordance with the provisions contained in the following ICAO documents:

Annex 2 - Rules of the Air, Annex 11 - Air Traffic Services
DOC 4444 – Procedures for Air Navigation Services (PANS-ATM)
DOC 8168- Procedures of Air Navigation Services –Aircraft Operations (PANS-OPS)
DOC 7030 – Regional supplementary procedures

Differences to these provisions are detailed in subsection GEN 1.7-1 up to GEN 1.7-6

2. AREA OF RESPONSIBILITY

Air traffic services are provided for the entire territory of the Hashemite kingdom of Jordan within Amman FIR. See page ENR 6.1.

Special Procedures for Aircraft Overflying Jordanian Territory

Aircraft may overfly Jordanian territory routes specified in ENR 2 and 3;
Aircraft shall contact the appropriate ATS unit and reports, as soon as approaching FIR entry point:
a- Aircraft Identification.
b- ETA at FIR boundary.
c- Flight Level and Route.
d- ETA at point of leaving AMMAN FIR (or landing at Jordanian Aerodrome) Aircraft shall also report when leaving AMMAN FIR.
e- Type and registration of the aircraft.

3. TYPES OF SERVICES

Air Traffic Services are provided: -

1- On Airways and ATS routes
2- In the Terminal Control Area and the Control Zone of AMMAN/Queen Alia Aerodrome, the Control Zone of AMMAN/Marka Aerodrome and in AQABA/ King Hussein control zone and Aqaba Approach Control.

Air Traffic Control services and Alerting services are provided by: -

1- AMMAN ACC along Airways and ATS Routes
2- The Approach control office at AMMAN/Queen Alia and AQABA/Approach Control, in coordination with Amman ACC and /or the relevant Aerodrome Control Tower, as necessary, for arriving and departing aircraft.

Flight Information Services may be provided, whenever necessary, by the appropriate ATS Unit, for traffic operating within AMMAN FIR.

In general, the air traffic rules and procedures in force and the organization of the air traffic services are in conformity with ICAO Standards, Recommended Practices and Procedures.

Differences to the provisions are detailed in subsection GEN 1.7.

ENR 1.7-1 till ENR 1.7-3 contains the altimeter setting procedures.

ENR 2 and ENR 3 describe the air traffic service system.

Holding, approach and Departure procedures SIDS and STARS are contained in ENR 1.5-1 till 1.5-26.

A few Prohibited, Restricted and Danger areas are established within Jordanian territory and are described in ENR 5.

Automatic Terminal Information Services (ATIS) Broadcasts are contained in GEN 3.4-2 item 3.3.

Interception procedures used in Jordan are shown in ENR 1.12-1 till ENR 1.12-4.

4. CO-ORDINATION BETWEEN THE OPERATOR AND ATS

Coordination between the operator and Air Traffic Services is effected in accordance with Annex 11. Paragraph 2.16 and (DOC 4444 ATM/501) Para 10.2

5. MINIMUM FLIGHT ALTITUDE

The minimum flight altitudes specified for ATS routes shown in ENR 3.1-1till ENR 3.1-7, ENR 3.2-1 till ENR 3.2-5, ENR 3.3-1 till ENR 3.3-11, have been determined to ensure at least 300M (1000 FT) clearance above the highest obstacle within 10 NM on each side of the center line of the airway.

ENR 0.6 TABLE OF CONTENTS TO PART TWO

ENR 1.3 INSTRUMENT FLIGHT RULES

1. IFR DEPARTURES

Traffic departing Amman or Queen Alia Aerodromes for ATS routes, will follow the normal Standard Instrument Procedures (SIDs).

Traffic departing Amman or Queen Alia aerodromes for flights off airways are expected to follow the SID track and level restrictions to leave controlled airspace at QATRANEH, LUDAN, KULDI, OSAMA or MOUAB.

With prior permission, traffic may also follow SIDs tracks but leave below the base of controlled airspace.

1.5.6 HOLDING

1.5.6.1 Maximum holding level for BAKIR is FL180 and the upper limit for Aqaba Approach Area is 13000 FT ALT. Minimum holding level for BAKIR is 8000 FT, 7000 FT ALT may be used for emergency

1.5.6.2 Holding for VFR traffic at RAS-ENNAQAB with minimum holding ALT 7000 FT and maximum holding ALT 8500 FT inbound track 200 turn right outbound for one minute outbound leg

1.5.6.3 Holding for VFR traffic at EL -QUWEIRA only ALT 6500 FT and inbound track 235 turn left outbound for one minute outbound leg.

OVERFLYING TRAFFIC

Overflying traffic entering Aqaba Approach at 13000 FT ALT or below shall contact Aqaba Approach 10 minutes before METSA or QATIM and remain under their control until passing the boundary of Aqaba Approach Control.

AIRSPACE CLASSIFICATIONS

Aqaba Approach airspace is classified as class "C" airspace.

2. ARRIVING FLIGHTS

2.1 GENERAL

Arrival control is provided by Amman Approach Control within the Terminal Control Area from 6000 FT to FL 155.

2.2 Arriving Flights

Aircraft inbound to Amman Queen Alia International will follow Standard Arrival Routes (STARS). Strict adherence to these routes is essential as procedural separation between inbound and outbound aircraft is based on these criteria.

2.3 Radio Failure

2.3.1 Westerly Operations

In case of communication failure, the designated navigation aid to be used for holding is QAA VOR. After arrival over the QAA commence descent at or as close as possible to the EAT last received and acknowledged or as close as possible to the ETA given by the current Flight Plan if no EAT has been received.

Amman/Queen Alia

Queen Alia Arrivals will complete the normal Instrument Approach Procedure published for the QAA VOR and land if possible within 30 minutes of the last acknowledged EAT or ETA whichever is later.

AMMAN/Marka

Amman/Marka arrivals will descend in the QAA holding pattern. When leveling 6000 FT set course for AMN on AMN R162 to commence the normal instrument approach procedure published for the AMN VOR and land if possible within 30 minutes of the last acknowledged EAT or ETA whichever is later.

2.3.2 Easterly Operations A412

In case of communication failure, the designated navigation aids to be used for holding is the AMN VOR for inbound on **A412** through LUDAN. After arrival over the AMN commence descent at or as close as possible to the ETA given by the current Flight Plan if no EAT has been received.

Amman/Marka

Amman/Marka arrivals will complete the normal instrument approach procedure published for the AMN VOR and land if possible within 30 minutes of the last acknowledged EAT or ETA whichever is later.

Amman/Queen Alia

Queen Alia Arrivals will continue in accordance with LUDAN 3 A STAR profile then down to 6000 FT to carry out MDB NDB instrument approach procedure and land if possible within 30 minutes of the last acknowledged EAT or ETA whichever is later.

2.3.3 Easterly Operations R652

In case of communication failure, the designated navigation aid to be used for holding is the QTR VOR for inbound on R652 via QTR and KULDI. After arrival over QTR commence descent to ALT 11000 FT at or as close as possible to the EAT last received and acknowledged or as close as possible to the ETA given by the current Flight Plan. If no EAT has been received when leveling ALT 11000 FT proceeds as follows: -

Amman/Marka

Amman arrivals will continue in accordance with the STAR QATRANEH or KULDI 5 D profile and carry out the procedure published for the AMN VOR and land if possible within 30 minutes of the last acknowledged EAT or ETA whichever is later.

Amman/Queen Alia

Queen Alia Arrivals will continue in accordance with the QATRANEH and KULDI 3 A STAR profile to carry out the MDB NDB Instrument Approach Procedure and land if possible within 30 minutes of the last acknowledged EAT or ETA whichever is later.

2.4 Take off weather minimums for IFR flights using Amman/Queen Alia , Amman/Marka and Aqaba/ King Hussein International Aerodromes are as follows:

AIRCRAFT CAT A AND B	RVR 400M / VIS 1500M.
AIRCRAFT CAT C AND D	RVR 400M / VIS 800M.

3. DEPARTING FLIGHTS

3.1 GENERAL

Departure Control is provided by Amman Approach Control within the Terminal Control Area from 6000 FT to FL155.

3.2 All IFR aircraft departing from Amman/Queen Alia INTL Aerodrome and Amman/Marka INTL Aerodrome, to call 5 minutes before ready to start engines and to pass total number of persons on board.

3.3 If no delay expected a standard clearance would be issued before start up, Aircraft will then request start up clearance when ready.

3.4 If the aircraft is unable to achieve the SID profile, Nonstandard clearance should be requested.

3.5 RADIO FAILURE

Aircraft experiencing radio failure, in the departure phase within the terminal area , will climb to the level specified in the clearance, If no time or geographical limit was included in the clearance, maintain level for 3 minutes then continue climb to the Flight Level specified in the current Flight Plan after passing the terminal Exit point i.e.: LUDAN, KULDI or QATRANEH.

4. TERMINAL PROCEDURES AMMAN/Marka

WESTERLY DEPARTURES AMMAN/Marka RWY 24

ROUTE	NAVIGATION	**ALT/FL RESTRICTIONS**
LOSAR 4D	Climb on runway heading to ALT 5000FT then turn right to AMN VOR, intercept AMN R080 to LOXER then turn left to establish QAA R029 to LOSAR.	Cross d7 AMN R080 8500FT or above. Cross LOXER 9000FT or above. Cross LOSAR 13000FT or at assigned level.
LUDAN 4D	Climb on runway heading to ALT 5000FT then turn right to AMN VOR intercept AMN R080 to LOXER then to LUDAN.	Cross d7 AMN R080 8500FT or above. Cross LUDAN 11000FT or above or at assigned level.
QTR 4D	Climb on runway heading then turn left to intercept AMN R209 to MDB NDB intercept QTR R336 to QTR.	Climb on runway heading to 5000FT. Cross AMN 10d (R 209) 7000FT or above. Cross QTR 9000FT or above climb to assigned level.
KULDI 4D	Climb on runway heading Turn left to intercept AMN R209 to MDB NDB intercept QTR R336 to QTR turn left to intercept QTR R077 to KULDI.	Climb on runway heading to 5000FT. Cross AMN 10d (R 209) 7000FT or above. Cross QTR 9000FT or above. Cross KULDI FL150 or at assigned level.
OSAMA 4D	Climb on track to 10d AMN/VOR, then turn right track 270 DEG, proceed to OSAMA then SALAM.	Cross 14.5d AMN R250 at 6000FT or above. Cross OSAMA Maintaining 8000FT.
MOUAB 4D	Climb on runway heading proceed to MOUAB then turn right to track 286 to TALMI	Cross 15d. AMN on runway heading at 6000FT or above. Cross MOUAB at 11000FT or above. Cross TALMI 12000FT.

NOTE 1: Aircraft unable to comply with the SID profile restrictions MUST request NON-STANDARD departure clearance on start up. Aircraft unable to achieve SID profile restrictions when airborne should carry out the following CONTINGENCY - Turn left or right as appropriate at 5000 FT fly to AMN to enter the holding pattern.

NOTE 2: Departure traffic on OSAMA SID and MOUAB SID shall call TEL-AVIV ACC on FREQ 132.05 MHz as early as possible and in any case should not cross 10 NM East of SALAM or TALMI without establish contact with TEL- AVIV ACC.

ADVISE ATC IMMEDIATELY THE CONTINGENCY IS COMMENCED.

RMK: See related chart (AD 2-31).

WESTERLY ARRIVALS AMMAN / Marka RWY 24

ROUTE	NAVIGATION	ALT/FL RESTRICTIONS
LOSAR 4A	At LOSAR intercept QAA R029 to QAA. Intercept AMN R160 to AMN/VOR.	Cross LOSAR 13000FT or above. Cross LOXER 9000FT or above. Cross 10d QAA(R029) 8500FT
LUDAN 4A	At LUDAN intercept QAA R048 to QAA. Intercept AMN R160. REPORT QAA 20d.	Cross LUDAN 11000FT or above. Cross QAA 13d 8500FT.
QTR 4A	At QTR intercept QAA R186 to QAA. Intercept AMN R160 to AMN. REPORT QAA 15d.	Cross QTR 9000FT or above. Cross QAA 15d 7000FT .
KULDI 4A	At KULDI intercept QAA R140 to QAA. Intercept AMN R 160 to AMN. REPORT QAA 20d.	Cross KULDI FL150 or above. Cross QAA 15d R140 7000FT or above.
SALAM 4A	At SALAM intercept AMN R259, proceed to AMN/VOR	Cross SALAM 11000 FT. Cross AMN 13d R259 6000 FT or above.
ELOXI 4A	AT ELOXI intercept QAA R105. Intercept AMN R160 to AMN/VOR.	Cross ELOXI FL150. Cross ALNOR 7000FT or above.Cross QAA 6000FT.

NOTE: Follow ATC descent clearance instructions. But not below published profiles which are minimum safety profiles.

AMMAN INBOUND TRAFFIC WILL BE INITIALLY CLEARED TO QAA TO AWAIT ONWARD CLEARANCE.

RMK: See related chart (AD 2-35).

EASTERLY DEPARTURS AMMAN/Marka RWY 06

ROUTE	NAVIGATION	ALT/FL RESTRICTIONS
LOSAR 5D	Climb on track to AMN Turn left to re-cross AMN /VOR, intercept QAA R340 to QAA. Turn left to intercept QAA R029 to LOXER then to LOSAR	Cross AMN above 4000FT Turn left climbing to re-cross AMN at 5500FT or above. Cross QAA at 6000FT or above. Cross QAA 10d (R029) 8500FT or above. Cross LOXER 9000FT or above. Cross LOSAR 13000FT at assigned level.
LUDAN 5D	Climb on track to AMN Turn left to re-cross AMN /VOR, intercept QAA R340 to QAA. Turn left to intercept QAA R048 to LUDAN .	Cross AMN above 4000FT Turn left climbing to re-cross AMN at 5500FT or above. Cross QAA at 6000FT or above. Cross QAA 13d (R048) 8500FT. Cross LUDAN 11000FT or at assigned level.
QTR 5D	Climb on track to AMN turn left to depart AMN.intercept QAA R340 to QAA. Turn Right to intercept QTR R006 to QTR.	Cross AMN above 4000FT turn left climbing to re cross AMN at 5500FT or above. Cross QAA at 6000FT or above. Cross 15d QAA R186 7000FT or above. Cross QTR at 9000FT or at assigned level.
KULDI 5D	Climb on track to AMN turn left to depart AMN.intercept QAA R340 to QAA Turn left to intercept QAA R140 to KULDI.	Cross AMN above 4000FT turn left climbing to re-cross AMN at 5500FT. Cross QAA at 6000FT or above. Cross 15d QAA R140 6500FT or above. Cross KULDI FL150 or at assigned level.
OSAMA 5D	Climb on track to AMN/VOR then turn right to track 270. Then proceed to OSAMA then proceed to SALAM.	Cross AMN/VOR at 4000FT or above. Cross AMN R180 at 5000FT or above. Cross AMN 14.5d R250 at 6000FT or above. Cross OSAMA maintaining 8000FT.
MOUAB 5D	Climb on track to AMN/VOR then turn right to track 270 to intercept AMN R239 to MOUAB then turn right to track 286 to TALMI	Cross AMN/VOR at 4000FT or above. Cross AMN R180 at 5000FT or above. Cross AMN 15d. R241 at 6000FT or above. Cross MOUAB at 11000FT or above Cross TALMI 12000FT.

NOTE 1: Turn must be completed within 5d. AMN/VOR/DME to avoid OJD2.
NOTE 2: All departures shall call TEL-AVIV ACC on FREQ 121.4 MHz as early as possible and in any case should not cross 10 NM East of SALAM or TALMI without establishing contact with TEL-AVIV ACC.
NOTE 3: Low level arrival traffic from BEN-GURION to AMMAN or Queen Alia Airports shall follow SALAM STAR profile.

NOTE 4: Aircraft unable to comply with the SID profile restrictions MUST request NON-STANDARD departure clearance on start up.
Aircraft unable to achieve SID profile restrictions when airborne should carry out the following CONTINGENCY - Turn left or right as appropriate at 5000 FT fly to AMN VOR/NDB to enter the holding pattern.

ADVISE ATC IMMEDIATELY THE CONTINGENCY IS COMMENCED.

RMK: See related chart (AD 2-31A).

EASTERLY ARRIVALS AMMAN/Marka RWY 06

ROUTE	NAVIGATION	ALT/FL RESTRICTIONS
LOSAR 5A	At LOSAR intercept QAA R029 .at LOXER intercept AMN R080 to AMN/VOR.	Cross LOSAR 13000 FT or above. Cross LOXER 9000FT or above. Cross AMN 07d (R080) 8500 FT .
LUDAN 5A	At LUDAN intercept AMN R080 to AMN.	Cross LUDAN 11000 FT or above. Cross AMN 07d (QAA R010) 8500 FT .
	REPORT OVER LOXER.	
QTR 5A	At QTR turn left to intercept QTR R336. Intercept AMN R209 to AMN.	Cross QTR 9000FT or above. Cross QTR 15d R336 7000FT or above. Cross AMN 10d R20 7000FT or above.
	REPORT 10d Inbound AMN VOR.	
KULDI 5A	At KULDI establish QTR R077 to QTR turn right to intercept QTR R336 intercept AMN R209 to AMN.	Cross KULDI FL150 or above. Cross QTI 9000 FT or above. Cross QTR 15d R33 7000FT. Cross AMN 10d R209 7000FT o above.
	REPORT 15d INBOUND AND OUTBOUND QTR VOR.	
SALAM 5A	At SALAM Intercept AMN R259, proceed to AMN/VOR.	Cross SALAM 11000 FT. Cross AMN 13d R259 6000 FT .

RT 13d INBOUND TO AMN/VOR.

NOTE: Follow ATC decent clearance intersections but not below published profiles, which are Minimum safety profiles. Initial holding clearance may be issued for QTR or AMN.

RMK: See related chart (AD 2-35A).

5. TERMINAL PROCEDURES AMMAN/Queen Alia

WESTERLY DEPARTURES AMMAN/Queen Alia RWY 26L

ROUTE	NAVIGATION	ALT/FL RESTRICTIONS
LOSAR 2D	Climb on track until crossing 13.5d QAA. Turn right to intercept AMN R209 to AMN . intercept AMN R080 to LOXER. Turn left to intercept QAA R029 to LOSAR	Cross QTR VOR R341 (AMN R206) (13.5d QAA) at 3200FT or above. Cross AMN 10d R209 7000FT or above. Cross 07d AMN (R080) 8500 FT or above. Cross LOXER 9000FT or above. cross LOSAR 13000FT or at assigned level.
LUDAN 2D	Climb on track until crossing 13.5d QAA. Turn right to intercept AMN R209 to AMN . intercept AMN R080 to LUDAN	Cross QAA 13.5d at 3200FT or above. Cross AMN 10d R209 7000FT or above. Cross AMN 07d R080 8500FT or above. Cross LUDAN 11000FT or at assigned level.
QTR 2D	Climb on track until crossing 13.5d QAA turn left to intercept QTR R336 to QTR	Cross QAA 13.5d at 3200FT or above. Cross QTR 15d R336 7000FT or above. Cross QTR at 9000 FT or at assigned level.
KULDI 2D	Climb on track until crossing 13.5d QAA turn left to intercept QTR R336 to QTR . turn left to intercept QTR R077 to KULDI	Cross QAA 13.5d at 3200FT or above. Cross QTR 15d R336 7000FT or above. Cross QTR at 9000FT Cross KULDI FL150 or above or at assigned level.
OSAMA 2D	Climb on track until crossing 13.5d QAA then turn right on track 315 to OSAMA then turn left on track 270 to SALAM.	Cross 13.5d QAA or AMN R206 at 3200FT or above. Cross QAA 21d R277 at 7000FT or above. Cross OSAMA at 8000FT .
MOUAB 2D	Climb on track to 13.5d QAA turn right to intercept MDB track 291 to MOUAB then turn left on track 286 to TALMI.	Cross QAA 22d R269 at 7000 FT or above. Cross MOUAB 11000FT or above. Cross TALMI 12000FT.

NOTE 1: Aircraft t unable to comply with SID profile restrictions MUST request NONSTANDARD departure clearance on start up.
Aircraft unable to achieve SID profile restrictions when airborne should carry out the following CONTINGENCY - Turn left or right as appropriate at 5000 FT fly to QAA to enter the holding pattern.

NOTE 2: In case of VFR traffic flying on V1 Corridor between GHARBIYA and QUARRY, ATC shall instruct the appropriate departure traffic to maintain on track until passing MDB/NDB or passing ALT 4000 FT.

NOTE 3: Departure traffic on OSAMA SID and MOUAB SID shall call TEL-AVIV ACC on FREQ 132.05 MHz as early as possible and in any case should not cross 10 NM East of SALAM or TALMI without establish contact with TEL- AVIV ACC.

ADVISE ATC IMMEDIATELY THE CONTINGENCY IS COMMENCED.

RMK: See related chart (AD 2-31C).

WESTERLY ARRIVALS AMMAN /Queen Alia RWY 26R/26L

ROUTE	NAVIGATION	ALT/FL RESTRICTIONS
LOSAR 2A	At LOSAR ,intercept QAA R029 to LOXER then to QAA/VOR	Cross LOSAR 13000FT or above. Cross LOXER at 9000FT. Cross QAA 10d(R029) 8500 FT
LUDAN 2A	At LUDAN intercept QAA R048 to QAA.	Cross LUDAN 11000FT or above. Cross QAA 13d R048 8500 FT.
	REPORT QAA 20d.	
QTR 2A	At QTR intercept QAA R186 to QAA..	Cross QTR 9000FT or above. Cross QAA 15d R186 7000 FT.
KULDI 2A	At KULDI intercept QAA R140 to QAA.	Cross KULDI FL150 or above. Cross QAA 15d R140 7000FT.
	REPORT QAA 20d.	
SALAM 2A	AT SALAM intercept AMN R259 to AMN then turn right to intercept AMN R160 to QAA.	Cross SALAM 11000FT. Cross AMN 10d R160 at 6000 FT .
ELOXI 2A	AT ELOXI intercept QAA R105 to QAA	Cross ELOXI FL150. Cross. Cross ALNOR 7000FT

NOTE: A/C not able to comply with STAR profile. It will be subject to radar control.
Report 25nm QAA/VOR.

NOTE: Follow ATC descent clearance instructions. But not below published profiles, which are Minimum safety profiles.

RMK: See related chart (AD 2-35A).

EASTERLY DEPARTURES AMMAN / Queen Alia RWY 08L

ROUTE	NAVIGATIONS	ALT/FL RESTRICTIONS
LOSAR 3D	Climb on track until crossing 3.1d QAA turn left to intercept QAA R029 to LOXER. Continue to LOSAR.	Climb to cross AMN R174 (3.1d QAA/VOR/DME) at 3200FT .cross 10d QAA(R029) at 8500FT or above, Cross LOXER 9000FT. cross LOSAR 13000FTor at assigned level.
LUDAN 3D	Climb on track until crossing 3.1d QAA turn left to intercept QAA R048 to LUDAN	Climb to cross 3.1d QAA at 3200FT cross QAA 13d R048 at 8500FT or above, Cross LUDAN 11000FT or at assigned level.
QTR 3D	Climb on track until crossing 3.1d QAA turn right to intercept QAA R186 to QTR	Climb to cross 3.1d QAA at 3200FT or above, Cross QAA 15d R186 7000FT or above. Cross QTR 9000 FT or at assigned level.
KULDI 3D	Climb on track until crossing 3.1d QAA turn right to intercept QAA R140 to KULDI	Climb to cross 3.1d QAA at 3200FT. Cross QAA 15d R140 7000FT or above. Cross KULDI FL150 or at assigned level.
OSAMA 3D	Climb on track until crossing 3.1d QAA then turn left to intercept QAA R289 proceed to OSAMA, Then turn left on track 270 to SALAM.	Cross 3.1d QAA at 3200FT.Cross QAA 12d R290 at 6000FT or above. Cross OSAMA maintaining 8000FT.
MOUAB 3D	Climb on track until crossing 3.1d QAA. Turn left to intercept QAA R273 proceed to MOUAB then turn right on track 286 to TALMI.	Cross 3.1d QAA at 3200FT. Cross QAA 12d R274 at 6000FTor above. Cross MOUAB 11000FT or above. Cross TALMI 12000FT.

NOTE 1: Aircraft unable to comply with the SID profiles restrictions MUST request NONSTANDARD departure clearance on start up.
Aircraft unable to achieve SID profile restrictions When airborne should carry out the following CONTINGENCY - Turn left or right as appropriate at 5000 FT fly to QAA to enter the holding pattern.

ADVISE ATC IMMEDIATELY THE CONTINGENCY IS COMMENCED

NOTE 2 : In case of VFR traffic flying on V1 Corridor between GHARBIYA and QUARRY, departing traffic shall maintain on track until passing 5000 FT QNH, or until passing by QAA/VOR or abeam QAA/VOR.

NOTE 3: Departure traffic on OSAMA SID and MOUAB SID shall call TEL-AVIV ACC on FREQ 132.05 MHz as early as possible and in any case should not cross 10 NM East of SALAM or TALMI without establish contact with TEL- AVIV ACC.

RMK : See related chart (AD 2-31).

EASTERLY ARRIVALS AMMAN /Queen Alia RWY 08R/08L

ROUTE	NAVIGATION	ALT/FL RESTRICTIONS
LOSAR 3A	At LOSAR intercept QAA R029. At LOXER turn right to intercept AMN R080. At AMN turn left to intercept R209 to MDB NDB.	Cross LOSAR 13000FT or above cross LOXER 9000FT .Cross AMN 07d (R080) 8500FT. Cross AMN 10d (R209) 7000 FT.
LUDAN 3A	At LUDAN intercept AMN R080. At AMN turn left to intercept AMN R209 proceed to MDB NDB. . REPORT over LOXER	Cross LUDAN 11000FT or above Cross AMN 07d R080 8500FT . Cross AMN 10d R209 7000 FT .
QTR 3A	At QTR turn left to intercept QTR R336 to MDB NDB. REPORT 15d OUTBOUND QTR VOR.	Cross QTR 9000FT or above Cross QTR 15d R336 at 7000 FT.
KULDI 3A	AT KULDI establish QTR R077 to QTR then turn right to intercept QTR R336 to MDB NDB. REPORT 15d OUTBOUND QTR VOR.	Cross KULDI FL150 or above Cross QTR 9000 FT or above. Cross QTR 15d R336 at 7000FT.
SALAM 3A	At SALAM intercept AMN R259 to AMN. turn right to intercept AMN R209 to MDB/NDB.	Cross SALAM 11000FT. Cross AMN 10d R209 7000FT.

NOTE: Initial holding clearance may be issued for QTR or AMN follow ATC descent clearance instructions, but not below published profiles which are minimum safety profiles.

RMK : See related chart (AD 2-35) .

WESTERLY DEPARTURE AMMAN/Queen Alia RWY 26R

ROUTE	NAVIGATION	ALT/FL RESTRICTIONS
LOSAR 2D	Climb on track until crossing (14d QAA) then turn right to intercept AMN R209 to AMN/VOR intercept AMN R080 to LOXER .then turn left to intercept QAA R029 to LOSAR.	Cross 14d QAA (AMN R206) at 3200FT . Cross AMN 10d (R209) 7000FT or above.Cross AMN 07d (R080) 8500FT or above .Cross LOXER 9000FT. Cross LOSAR 13000FT or at assigned level.
LUDAN 2D	Climb on track until crossing QAA 14d . then turn right to intercept AMN R209 to AMN intercept AMN R080 to LUDAN .	Cross 14d QAA at 3200 FT . Cross AMN 10d R209 7000FT or above. Cross AMN 07d R080 8500FT or above. .Cross LUDAN 11000FT or at assigned level.
QTR 2D	Climb on track until 14d QAA , then turn left to intercept QTR R336 to QTR .	Cross 14d QAA at 3200FT . Cross QTR 15d R336 7000FT or above. Cross QTR at 9000FT. or at assigned level.
KULDI 2D	Climb on track until 14d QAA ,turn left to intercept QTR R336 to QTR , then turn left to intercept QTR R077 To KULDI .	Cross 14d QAA at 3200 FT . Cross QTR 15d R336 7000FT or above. Cross QTR 9000FT or above. Cross KULDI FL150 or at assigned level.
MOUAB 2D	Climb on track to MDB/NDB, turn right to intercept MDB track 291 to MOUAB then turn left on track 286 to TALMI .	Cross QAA 22d R269 at 7000 FT or above. Cross MOUAB 11000FT or above. Cross TALMI maintaining 12000FT.
OSAMA 2D	Climb on track until crossing 14d QAA , then turn right on track 315 to OSAMA then turn left on track 270 to SALAM .	Cross 14d QAA at 3200FT . Cross QAA 21d R277 at 7000FT or above. Cross OSAMA maintaining 8000FT .

NOTE 1: Aircraft unable to comply with SID profile restrictions MUST request NONSTANDARD departure clearance on start up
Aircraft unable to achieve SID profile restrictions when airborne should carry out the following CONTINGENCY - Turn left
right as appropriate at 5000 FT fly to QAA to enter the holding pattern.

ADVISE ATC IMMEDIATELY THE CONTINGENCY IS COMMENCED

NOTE 2 : In case of VFR traffic flying on V1 Corridor between GHARBIYA and QUARRY, departing traffic shall maintain
track until passing 5000 FT QNH, or until passing by MDB/NDB or abeam MDB/NDB.

NOTE 3: Departure traffic on OSAMA SID and MOUAB SID shall call TEL-AVIV ACC on FREQ 132.05 MHz as early
possible and in any case should not cross 10 NM East of SALAM or TALMI without establish contact with TEL- AVIV ACC.

RMK : See related chart (AD 2-31B) .

EASTERLY DEPARTURES AMMAN / Queen Alia RWY 08R

ROUTE	NAVIGATION	ALT/FL RESTRICTIONS
LOSAR 3D	Climb on track to QA/NDB then turn left to intercept QAA R029 to LOXER .then to LOSAR	Climb to Cross QA NDB 3200 FT. Cross (QAA 10d R029) 8500 FT or above. Cross LOXER 9000 FT. Cross LOSAR 13000FT or at assigned level.
LUDAN 3D	Climb on track to QA/NDB then turn left to intercept QAA R048 to LUDAN .	Climb to Cross QA NDB 3200FT . Cross QAA 13d R048 8500 FT or above. Cross LUDAN 11000FT or at assigned level.
QTR 3D	Climb on track to QA/NDB then turn right to intercept QAA R186 to QTR .	Climb to cross QA NDB at 3200FT . Cross QAA 15d R186 7000 FT or above. Cross QTR 9000 FT or at assigned level
KULDI 3D	Climb on track to QA/NDB then turn right to intercept QAA R140 to KULDI .	Climb to cross QA NDB 3200 FT or above. Cross QAA 15d R140 7000FT or above .Cross KULDI FL150 or at assigned level.
MOUAB 3D	Climb on track to QA/NDB. Turn left to intercept QAA R273 proceed to MOUAB then turn right on track 286 to TALMI .	Cross QA/NDB at 3200FT or above. Cross QAA 12d R274 at 6000FT or above. Cross MOUAB 11000FT or above. Cross TALMI 12000FT.
OSAMA 3D	Climb on track to QA/NDB then turn left to intercept QAA R289 proceed to OSAMA , then turn left on track 270 to SALAM.	Cross QA/NDB at 3200FT or above. Cross QAA 12d R290 at 6000FT or above. Cross OSAMA maintaining 8000FT .

NOTE 1: Aircraft unable to comply with the SID profiles restrictions MUST request NONSTANDARD departure clearance c start up.

Aircraft unable to achieve SID profile restrictions When airborne should carry out the following CONTINGENCY- Turn left right as appropriate at 5000 FT fly to QAA to enter the holding pattern.

ADVISE ATC IMMEDIATELY THE CONTINGENCY IS COMMENCED.

*NOTE 2: In case of VFR traffic flying on V1 Corridor between GHARBIYA and QUARRY, departing traffic shall maintain on track until passing 5000 FT QNH, or until passing by QAA/VOR or abea QAA/VOR.

NOTE 3: Departure traffic on OSAMA SID and MOUAB SID shall call TEL-AVIV ACC on FREQ 132.05 MHz as early possible and in any case should not cross 10 NM East of SALAM or TALMI without establish contact with TEL- AVIV ACC.

RMK: See related chart (AD 2-31A)

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
A412(RNAV5) ▲QUEEN ALIA DVOR/DME (QAA) 314423.41N 0360926.59E	048° 228° 30NM	UNL ALT 9000FT ALT 8500FT CLASS A+C				AMMAN ACC WEST SECTOR AMMAN ACC 128.5 MHZ TRANSFER OF CTL
▲LUDAN 320256.60N 0363713.29E	048° 228° 9NM	UNL 11000 FT ALT ALT 11000FT CLASS A+C				
▲KUPRI 320825.87N 0364530.21E	048° 228° 6NM	UNL 13000 FT ALT ALT 13000FT CLASS A+C	10NM	↓	↑	AMMAN APPROACH AMMAN APP 128.9 MHZ
ΔASLON 321211.02N 0365111.25E	048° 228° 25NM	UNL 13000 FT ALT ALT 13000FT CLASS A+C				AMMAN APPROACH AMMAN APP 128.9 MHZ MNM ALT OVER QTR 9000FT OR ABOVE BTN SEGMENT ASLON-LUDAN, ACFT TO MAINTAIN ROUTE CENTER LINE.
▲NADEK 322728.00N 0371429.00E	048° 228° 28NM	UNL 13000 FT ALT ALT 13000FT CLASS A+C				

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
▲DAXEN 324444.79N 0374105.26E ▲ZELAF 325656.20N 0375959.26E	048° 228° 20NM	UNL 13000 FT ALT ALT 13000FT CLASS A+C	10NM	↓ ↑	For continuation, see AIP Syria
B544 ▲SODAR 315432.12N 0384317.33E ▲MODAD 323539.88N 0384138.14E ▲DAPUK 330139.44N 0384026.29E ▲TANF VOR/DME(TAN) 332856.19786N 383911.31296E	354° 174° 41NM 354° 174° 26NM 354° 174° 27NM	UNL FL240 FL240 CLASS A UNL FL 240 FL 240 CLASS A UNL FL 240 FL 240 CLASS A	10 NM	↓ ↑	For continuation, see AIP Saudi AMMAN ACC EAST SECTOR AMMAN ACC 128.5 MHZ TRANSFER OF CTL For continuation, see AIP Syria

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
R652						
▲METSA 292707.00N 0345903.00E	023° 203° 53NM	UNL 7000FT ALT ALT 7000FT CLASS A+C				
▲LOXUS 301300.90N 0352600.70E	024° 204° 38NM	UNL 7000FT ALT ALT 7000FT CLASS A+C				
▲LOSIL 304851.20N 0354741.31E	024° 204° 30NM	UNL 9000FT ALT ALT 7000FT CLASS A+C	10 NM	↓	↑	
▲ QATRANEH DVOR/DME (QTR) 311454.41N 0360334.31E	077° 257° 13NM	UNL 9000FT ALT ALT 9000FT CLASS A+C				
▲EGLOT 311656.94N 0361823.86E	077° 257° 12NM	UNL 9000FT ALT ALT 9000FT CLASS A+C				

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
▲KULDI 311847.07N 0363214.16E	077° 257° 30NM	FL 300 FL 150 FL 150 CLASS A+C			
▲PARAM 312320.08N 0370641.20E			10 NM	↓ ↑	
L513 (RNAV5) ▲MAZAR 304800.00N 0361000.00E	345° 165° 28NM	UNL 9000FT ALT ALT 9000FT CLASS A+C			
▲ QATRANEH DVOR/DME (QTR) 311454.41N 0360334.31E	006° 186° 30NM	UNL 7000FT ALT ALT 7000FT CLASS A+C	10 NM	↓ ↑	MINIMUM ALT OVER QTR 9000 FT.
▲QUEENALIADVOR/DME (QAA) 314423.41N 0360926.59E	029° 209° 21NM	UNL 9000FT ALT ALT 9000FT CLASS A+C			
▲LOXER 320147.76N 0362251.46E	029° 209° 9NM	UNL 9000FT ALT ALT 9000FT CLASS A+C			

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
▲LOSAR 320930.06N 0362849.77E ▲BUSRA 322000.00N 0363700.00E	029° 209° 13NM	UNL 13000FT ALT ALT 13000FT CLASS A+C	10 NM	↓ / ↑	For continue AIP Syria
UN318(RNAV5) ▲GENEX 312935.47N 0370051.52E ▲ELOXI 313300.80N 0364600.30E Δ ALNOR 313955.26N 0362507.52E ▲QUEEN ALIA DVOR/DME (QAA) 314423.41N 0360926.59E	285° 105° 13NM 285° 105° 19NM 285° 105° 14NM	FL 300 FL 150 FL 150 CLASS A FL 300 FL 150 FL 150 CLASS A UNL 7000FT ALT ALT 5000FT CLASS A			For continuation, see AIP Saudi 1- ACFT to cross point 25NM QAA/VOR radial 105° at or above 13000FT. 2- All traffic shall adhere to airway centerline. 3- Only ARR TFC ARE PERMITED, DEP TFC shall proceed via KULDI - PARAM. AMMAN APP 128.9 MHZ TRANSFER OF CTL

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
L200 (RNAV5)						1- ACFT to cross LUDAN 11000 FT or above.
▲ AMMAN DVOR/DME (AMN) 320014.65N 0360357.55E	080° 260° 16NM	UNL 9000FT ALT ALT 8500FT CLASS A+C				2- All traffic shall adhere to airway centerline.
▲LOXER 320147.76N 0362251.46E	080° 260° 12NM	UNL 9000FT ALT ALT 8500FT CLASS A+C				3- West level from Baghdad FIR to Amman shall be FL 220, FL200, FL180, and FL160. 4- Eastbound level from Amman to Baghdad shall be FL230, FL210, FL 190, and FL170.
▲LUDAN 320256.60N 0363713.29E	048° 228° 9NM	UNL 11000FT ALT ALT 11000FT CLASS A+C				AMMAN WEST SECTOR AMMAN ACC 128.3 MHZ TRANSFER OF CTL
▲KUPRI 320825.87N 0364530.21E	048° 228° 6NM	UNL 13000FT ALT ALT 13000FT CLASS A+C	10 NM	↓	↑	For continuation, see AIP Iraq
Δ ASLON 321211.02N 0365111.25E	048° 228° 25NM	UNL 13000FT ALT ALT 13000FT CLASS A+C				

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
▲NADEK 322728.00N 0371429.00E	048° 228° 28NM	UNL 13000FT ALT ALT 13000FT CLASS A+C	10 NM	↓ / ↑	
▲DAXEN 324444.79N 0374105.26E	067° 247° 20NM	UNL 13000FT ALT ALT 13000FT CLASS A+C			
▲KAREM 325110.40N 0380324.38E	067° 247° 22NM	UNL 13000FT ALT ALT 13000FT CLASS A+C			
▲KUMLO 325811.82N 0382807.67E	067° 247° 11NM	UNL 13000FT ALT ALT 13000FT CLASS A+C			
▲DAPUK 330139.44N 0384026.29E	067° 247° 14NM	UNL 13000FT ALT ALT 13000FT CLASS A+C			
▲PASIP 330600.00N 0385600.00E					

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

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
UR785 (RNAV 5) ▲RASLI 315420.11N 0383647.32E ▲KAREM 325110.40N 0380324.38E ▲ZELAF 325656.20N 0375959.26E	329° 149° 73NM 329° 149° 6NM	UNL FL 240 CLASS A UNL FL 240 CLASS A	10NM	↓		For continuation, see AIP Saudi AMMAN ACC EAST SECTOR AMMAN ACC 128.5 MHZ TRANSFER OF CTL
UL768 (RNAV 5) ▲OTILA 320131.00N 0390152.84E ▲MODAD 323539.88N 0384138.14E ▲KUMLO 325811.82N 0382807.67E ▲SOKAN 330809.00N 0382207.00E	329° 149° 39NM 329° 149° 25NM 329° 149° 11NM	UNL FL 240 CLASS A UNL FL 240 CLASS A UNL FL 240 CLASS A	10NM	↑		For continuation, see AIP Saudi AMMAN ACC EAST SECTOR AMMAN ACC 128.5 MHZ TRANSFER OF CTL For continuation, see AIP Syria

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
UM690 (RNAV5) ▲METSA 292707.00N 0345903.00E ▲LONOL 300800.60N 0353500.10E ▲MAZAR 304800.00N 0361000.00E ▲KULDI 311847.07N 0363214.16E ▲ELOXI 313300.80N 0364600.30E ▲DESLI 314900.10N 0365900.60E	033° 213° 52NM 034° 214° 50NM 028° 208° 36NM 035° 215° 19NM 033° 213° 19NM 033° 213° 55NM	UNL FL 250 CLASS A UNL FL 310 CLASS A UNL FL 310 CLASS A UNL FL 310 CLASS A UNL FL 310 CLASS A UNL FL 310 CLASS A	10NM	↑	↓	HOURS OF OPERATION: SUN 1300-0300 NEXT DAY MON 1300-0300 NEXT DAY TUE 1300-0300 NEXT DAY WED 1300-0300 NEXT DAY THU 1300-2400 NEXT DAY SAT 0000-0300 NEXT DAY

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
▲KODER 323300.00N 0373800.50E	033° 213° 30NM	UNL FL 310 CLASS A	10NM	↓		
▲ZELAF 325656.20N 0375959.26E				↑		
UM449 (RNAV5) ▲GIBET 292600.20N 0362500.10E	347° 167° 16NM	UNL FL 250 CLASS A	10NM	↓		
▲PETRA 294206.00N 0362210.00E	347° 167° 30NM	UNL FL 250 CLASS A		↑		
Δ HIDAN 301200.30N 0361600.60E	347° 167° 36NM	UNL FL 250 CLASS A				

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
▲MAZAR 304800.00N 0361000.00E	010° 190° 30NM	UNL FL 250 CLASS A				
▲EGLOT 311656.94N 0361823.86E	010° 190° 23NM	UNL 9000FT ALT CLASS A +C	10NM	↓		
Δ ALNOR 313955.26N 0362507.52E	010° 190° 41NM	UNL 13000FT ALT CLASS A +C		↑		
▲BUSRA 322000.00N 0363700.00E						
UB411 (RNAV5) ▲METSA 292707.00N 0345903.00E	074° 254° 27NM	UNL 7000FT ALT CLASS A				
Δ ELETA 293200.80N 0352900.10E	074° 254° 17NM	UNL FL 250 CLASS A				
▲TAMIM 293640.00N 0354840.00E	074° 254° 30NM	UNL FL 250 CLASS A	10NM	↓		
▲PETRA 294206.00N 0362210.00E	074° 254° 17NM	UNL FL 250 CLASS A		↑		
▲DEESA 294509.00N 0364120.00E						

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
G662 (RNAV5) ▲ALKOT 313254.22N 0371121.51E ▲DESLI 314900.10N 0365900.60E ▲KUPRI 320825.87N 0364530.21E ▲BUSRA 322000.00N 0363700.00E	324° 144° 19NM 324° 144° 23NM 324° 144° 14NM	UNL FL250 CLASS A UNL FL250 CLASS A UNL FL250 CLASS A	10 NM	↓	↑	Caution: TFC transiting Jordan FIR from north via G662 shall be restricted only to FL330, and upon passing GRY requested to proceed via route UN318

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
A412 (RNAV 5) ▲ QUEEN ALIA DVOR/DME (QAA) 314423.41N 0360926.59E		30NM	UNL ALT 9000FT CLASS A+C			AMMAN ACC WEST SECTOR AMMAN ACC 128.5 MHZ TRANSFER OF CTL
▲LUDAN 320256.60N 0363713.29E	QAA 228° 30NM 2800FT	9NM	UNL 11000 FT ALT CLASS A+C			
▲KUPRI 320825.87N 0364530.21E	QAA 228° 39NM 2800FT	6NM	UNL 13000 FT ALT CLASS A+C	↓	↑	AMMAN APPROACH AMMAN APP 128.9 MHZ
ΔASLON 321211.02N 0365111.25E	QAA 228° 45NM 2800FT	25NM	UNL 13000 FT ALT CLASS A+C			AMMAN APPROACH AMMAN APP 128.9 MHZ MNM ALT OVER QTR 9000FT OR ABOVE BTN SEGMENT ASLON-LUDAN, ACFT TO MAINTAIN ROUTE CENTER LINE.
▲NADEK 322728.00N 0371429.00E	QAA 228° 70NM 2800FT	28NM	UNL 13000 FT ALT CLASS A+C			

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
▲DAXEN 324444.79N 0374105.26E	QAA 228° 98NM 2800FT	20NM	UNL ALT 13000 FT CLASS A+C	↓	
▲FIR BDRY (ZELAF) 325656.20N 0375959.26E	TAN 042° 45NM 2500FT			↑	For continuation, see AIP Syria
UM690 (RNAV5)					
▲METSA 292707.00N 0345903.00E	NIL	52NM	UNL FL 250 CLASS A	↑	HOURS OF OPERATION: SUN 1300-0300 NEXT DAY MON 1300-0300 NEXT DAY TUE 1300-0300 NEXT DAY WED 1300-0300 NEXT DAY THU 1300-2400 NEXT DAY SAT 0000-0300 NEXT DAY
▲LONOL 300800.60N 0353500.10E	NIL	50NM	UNL FL 310 CLASS A		
▲MAZAR 304800.00N 0361000.00E	QTR 345° 28NM 2700FT	36NM	UNL FL 310 CLASS A	↓	
▲KULDI 311847.07N 0363214.16E	QTR 257° 25NM 2700FT	19NM	UNL FL 310 CLASS A		

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
▲ELOXI 313300.80N 0364600.30E	QAA 285° 33NM 2800FT	19NM	UNL FL 310 CLASS A	↑	↓	
▲DESLI 314900.10N 0365900.60E	GRY 144° 29NM 1728FT	55NM	UNL FL 310 CLASS A			
▲KODER 323300.00N 0373800.50E	NIL	30NM	UNL FL 310 CLASS A			
▲FIR BDRY (ZELAF) 325656.20N 0375959.26E	TAN 042° 45NM 2500FT					

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
L200 (RNAV5) ▲AMMAN DVOR/DME (AMN) 320014.65N 0360357.55E		16NM	UNL 9000FT ALT CLASS A+C	↑	↓	1- ACFT to cross LUDAN 11000 FT or above. 2- All traffic shall adhere to airway centerline. 3-West level from Baghdad FIR to Amman shall be FL 220, FL200, FL180, and FL160. 4- Eastbound level from Amman to Baghdad shall be FL230, FL210, FL 190, and FL170. AMMAN WEST SECTOR AMMAN ACC 128.3 MHZ TRANSFER OF CTL For continuation, see AIP Iraq
▲LOXER 320147.76N 0362251.46E	AMN 260° 16NM 2300FT	12NM	UNL 9000FT ALT CLASS A+C			
▲LUDAN 320256.60N 0363713.29E	AMN 260° 28NM 2300FT	9NM	UNL 11000FT ALT CLASS A+C			
▲KUPRI 320825.87N 0364530.21E	QAA 228° 39NM 2800FT	6NM	UNL 13000FT ALT CLASS A+C			
Δ ASLON 321211.02N 0365111.25E	QAA 228° 45NM 2800FT	25NM	UNL 13000FT ALT CLASS A+C			

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
▲NADEK 322728.00N 0371429.00E	QAA 228° 70NM 2800FT	28NM	UNL 13000FT ALT CLASS A+C	↑	↓	
▲DAXEN 324444.79N 0374105.26E	QAA 228° 98NM 2800FT	20NM	UNL 13000FT ALT CLASS A+C			
▲KAREM 325110.40N 0380324.38E	TRF 149° 87NM 2900FT	22NM	UNL 13000FT ALT CLASS A+C			
▲KUMLO 325811.82N 0382807.67E	NIL	11NM	UNL 13000FT ALT CLASS A+C			
▲DAPUK 330139.44N 0384026.29E	TAN 354° 27NM 2500FT	14NM	UNL 13000FT ALT CLASS A+C			
▲FIR BDRY (PASIP) 330600.00N 0385600.00E	NIL					

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
UM449 (RNAV5) ▲FIR BDRY (GIBET) 292600.20N 0362500.10E	NIL	16NM	UNL FL 250 CLASS A	↑	↓	
▲PETRA 294206.00N 0362210.00E	NIL	30NM	UNL FL 250 CLASS A			
Δ HIDAN 301200.30N 0361600.60E	NIL	36NM	UNL FL 250 CLASS A			
▲MAZAR 304800.00N 0361000.00E	QTR 345° 28NM 2700FT	30NM	UNL FL 250 CLASS A			
▲EGLOT 311656.94N 0361823.86E	QTR 257° 13NM 2700FT	23NM	UNL 9000FT ALT CLASS A +C			
Δ ALNOR 313955.26N 0362507.52E	QAA 285° 14NM 2800FT	41NM	UNL 13000FT ALT CLASS A +C			
▲FIR BDRY (BUSRA) 322000.00N 0363700.00E	QAA 209° 43NM 2800FT					

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
UN318 (RNAV5) ▲FIR BDRY (GENEX) 312935.47N 0370051.52E ▲ELOXI 313300.80N 0364600.30E Δ ALNOR 313955.26N 0362507.52E ▲QUEEN ALIA DVOR/DME (QAA) 314423.41N 0360926.59E	GRY 105° 15NM 1728FT GRY 105° 28NM 1728FT QAA 285° 14NM 2800FT	13NM 19NM 14NM	FL 300 FL 150 CLASS A FL 300 FL 150 CLASS A UNL 7000FT ALT CLASS A	↑	↓	For continuation, see AIP Saudi 1- ACFT to cross point 25NM QAA/VOR radial 105° at or above 13000FT. 2- All traffic shall adhere to airway centerline. 3- Only ARR TFC ARE PERMITED, DEP TFC shall proceed via KULDI -PARAM. AMMAN APP 128.9 MHZ TRANSFER OF CTL
UB411 (RNAV5) ▲METSA 292707.00N 0345903.00E Δ ELETA 293200.80N 0352900.10E	NIL NIL	27NM 17NM	UNL 7000FT ALT CLASS A UNL FL 250 CLASS A	↑	↓	

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
▲TAMIM 293640.00N 0354840.00E	NIL	30NM	UNL FL 250 CLASS A	↑	↓	
▲PETRA 294206.00N 0362210.00E	NIL	17NM	UNL FL 250 CLASS A			
▲FIR BDRY (DEESA) 294509.00N 0364120.00E	NIL					
L513 (RNAV5) ▲MAZAR 304800.00N 0361000.00E	QTR 345° 28NM 2700FT	345 0 165 0 28NM	UNL 9000FT ALT CLASS A+C	↓	↑	
▲QATRANEH DVOR/DME (QTR) 311454.41N 0360334.31E		006 0 186 0 30NM	UNL 7000FT ALT CLASS A+C			MINIMUM ALT OVER QTR 9000 FT.

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
▲ QUEEN ALIA DVOR/DME (QAA) 314423.41N 0360926.59E		21NM	UNL 9000FT ALT CLASS A+C	↓	↑	
▲LOXER 320147.76N 0362251.46E	QAA 209° 21NM 2800FT	9NM	UNL 9000FT ALT CLASS A+C			
▲LOSAR 320930.06N 0362849.77E	QAA 209° 30NM 2800FT	13NM	UNL 13000FT ALT CLASS A+C			
▲FIR BDRY (BUSRA) 322000.00N 0363700.00E	QAA 209° 43NM 2800FT					

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
UR785 (RNAV 5) ▲FIR BDRY (RASLI) 315420.11N 0383647.32E ▲KAREM 325110.40N 0380324.38E ▲FIR BDRY (ZELAF) 325656.20N 0375959.26E	TRF 149° 14NM 2900FT TRF 149° 87NM 2900FT TRF 149° 93NM 2900FT	73NM 6NM	UNL FL 240 CLASS A UNL FL 240 CLASS A	↓		For continuation, see AIP Saudi AMMAN ACC EAST SECTOR AMMAN ACC 128.5 MHZ TRANSFER OF CTL
UL768 (RNAV 5) ▲FIR BDRY (OTILA) 320131.00N 0390152.84E ▲MODAD 323539.88N 0384138.14E ▲KUMLO 325811.82N 0382807.67E ▲FIR BDRY (SOKAN) 330809.00N 0382207.00E	NIL TAN 354° 53NM 2500FT NIL NIL	39NM 25NM 11NM	UNL FL 240 CLASS A UNL FL 240 CLASS A UNL FL 240 CLASS A	↑		For continuation, see AIP Saudi AMMAN ACC EAST SECTOR AMMAN ACC 128.5 MHZ TRANSFER OF CTL For continuation, see AIP Syria

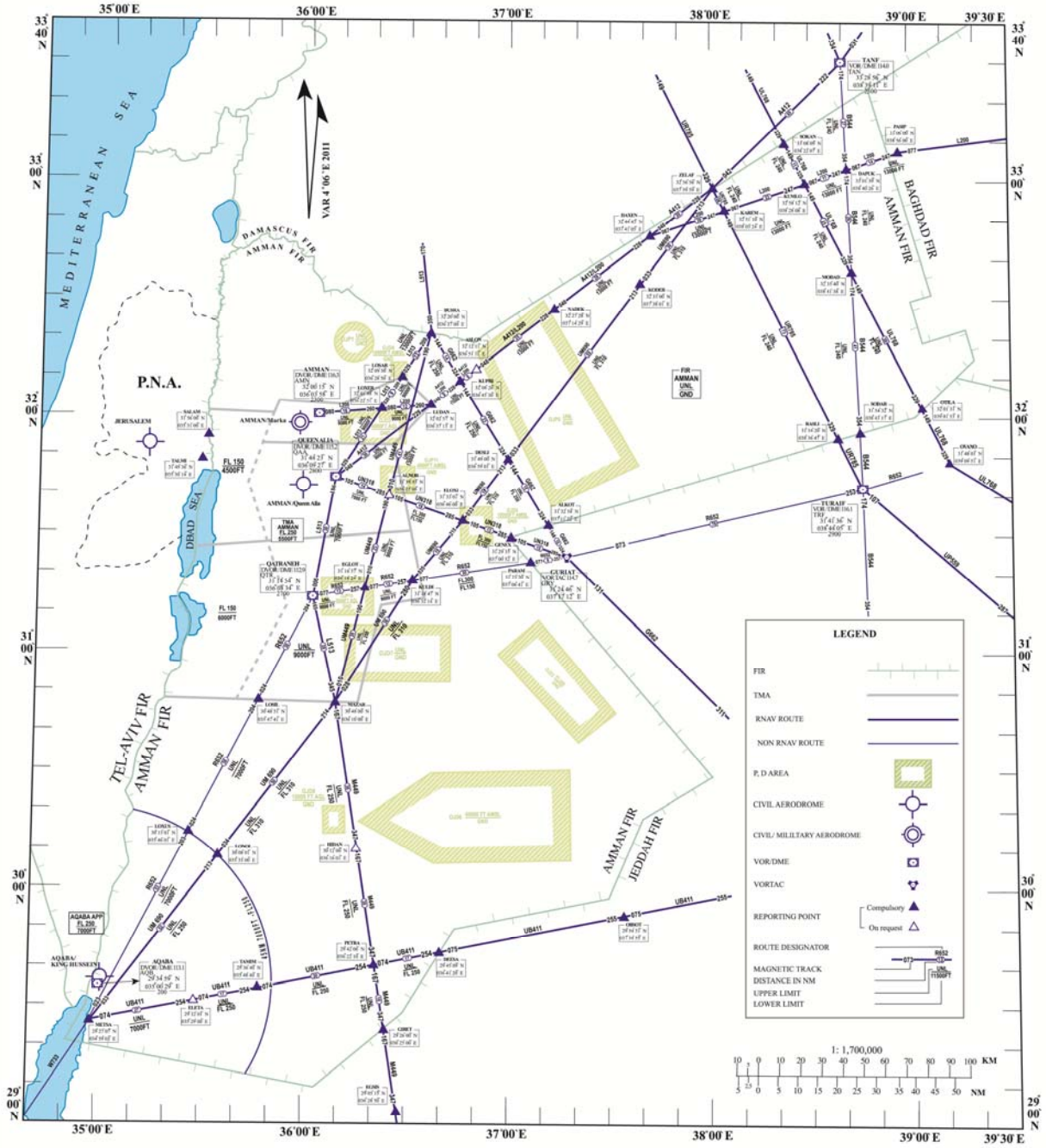
ENR 3.3 AREA NAVIGATION (RNAV) ROUTES (CONT)

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
G662 (RNAV 5) ▲FIR BDRY (ALKOT) 313254.22N 0371121.51E	GRY 144° 10NM 1728FT	19NM	UNL FL250 CLASS A	↓	↑	Caution: TFC transiting Jordan FIR from north via G662 shall be restricted only to FL330, and upon passing GRY requested to proceed via route UN318
▲DESLI 314900.10N 0365900.60E	GRY 144° 29NM 1728FT	23NM	UNL FL250 CLASS A			
▲KUPRI 320825.87N 0364530.21E	GRY 144° 52NM 1728FT	14NM	UNL FL250 CLASS A			
▲FIR BDRY (BUSRA) 322000.00N 0363700.00E	QAA 209° 43NM 2800FT					

ENR 4.3 NAME – CODE DESIGNATORS FOR SIGNIFICANT POINT

Name-Code Designator	Coordinates	ATS route or other route
▲ALKOT	313254.22N 0371121.51E	G662
Δ ALNOR	313955.26N 0362507.52E	UN318 UM449
Δ ASLON	321211.02N 0365111.25E	A412 L200
▲BUSRA	322000.00N 0363700.00E	L513 UM449 G662
▲DAPUK	330139.44N 0384026.29E	B544 L200
▲DAXEN	324444.79N 0374105.26E	A412 L200
▲DEESA	294509.00N 0364120.00E	UB411
▲DESLI	314900.10N 0365900.60E	UM690 G662
▲EGLOT	311656.94N 0361823.86E	R652 UM449
Δ ELETA	293200.80N 0352900.10E	UB411
▲ELOXI	313300.80N 0364600.30E	UN318 UM690
▲GENEX	312935.47N 0370051.52E	UN318
▲GIBET	292600.20N 0362500.10E	UM449
Δ HIDAN	301200.30N 0361600.60E	UM449
▲KAREM	325110.40N 0380324.38E	L200 UR785
▲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 L200 G662
▲LONOL	300800.60N 0353500.10E	UM690
▲LOSAR	320930.06N 0362849.77E	L513
▲LOSIL	304851.20N 0354741.31E	R652
▲LOXER	320147.76N 0362251.46E	L513 L200
▲LOXUS	301300.90N 0352600.70E	R652
▲LUDAN	320256.60N 0363713.29E	A412 L200
▲MAZAR	304800.00N 0361000.00E	L513 UM690 UM449
▲METSA	292707.00N 0345903.00E	R652 UM690 UB411
▲MODAD	323539.88N 0384138.14E	B544 UL768
▲NADEK	322728.00N 0371429.00E	A412 L200
▲OTILA	320131.00N 0390152.84E	UL768
▲PARAM	312320.08N 0370641.20E	R652
▲PASIP	330600.00N 0385600.00E	L200
▲PETRA	294206.00N 0362210.00E	UM449 UB411
▲RASLI	315420.11N 0383647.32E	UR785
▲SODAR	315432.12N 0384317.33E	B544
▲SOKAN	330809.00N 0382207.00E	UL768
▲TAMIM	293640.00N 0354840.00E	UB411
▲ZELAF	325656.20N 0375959.26E	A412 UR785 UM690

EN-ROUTE CHART-ICAO



Within East Sector,Non RNAV equiped ACFT may operate only along Airway B544.

STANDARD DEPARTURE CHART
INSTRUMENT (SID) - ICAO

TRANSITION ALTITUDE
13000FT

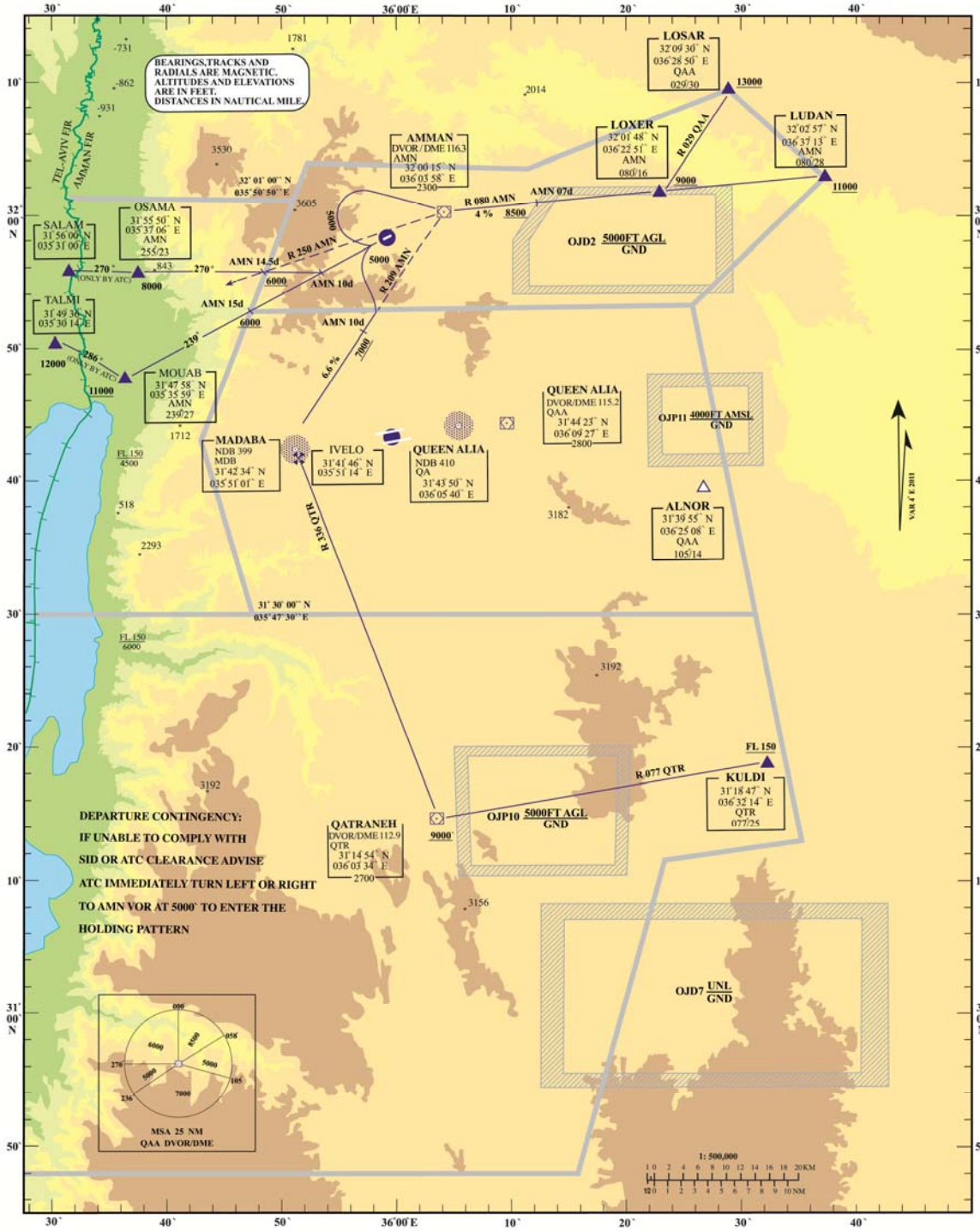
TWR 118.1
APP 128.9
ACC 128.3

AMMAN/MARKA
(OJAM) RWY 24

KULDI 4D
QTR 4D

LUDAN 4D
LOSAR 4D

OSAMA 4D
MOUAB 4D



STANDARD DEPARTURE CHART
INSTRUMENT (SID) - ICAO

TRANSITION ALTITUDE
13000FT

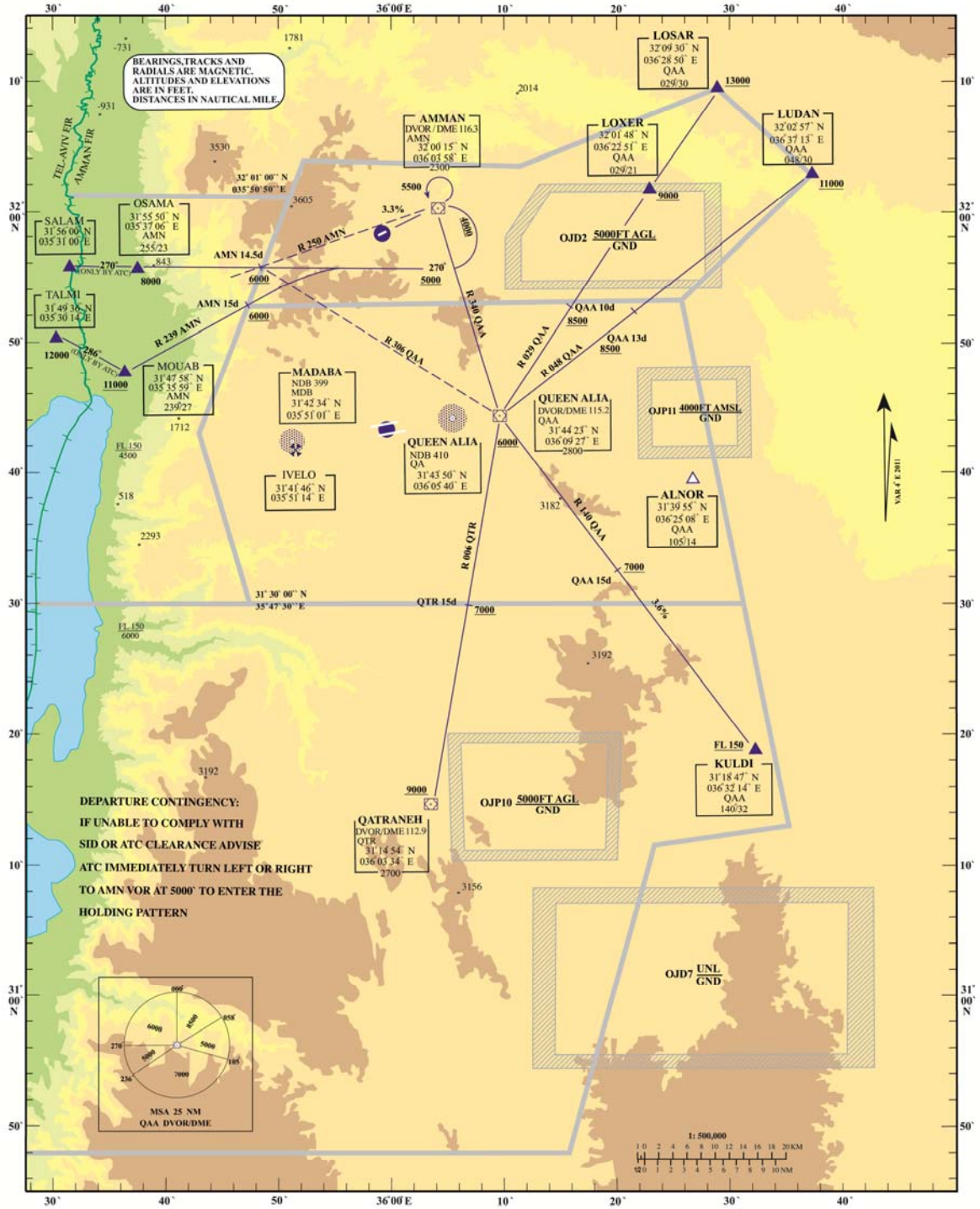
TWR 118.1
APP 128.9
ACC 128.3

AMMAN/MARKA
(OJAM) RWY 06

KULDI 5D
QTR 5D

LUDAN 5D
LOSAR 5D

OSAMA 5D
MOUAB 5D



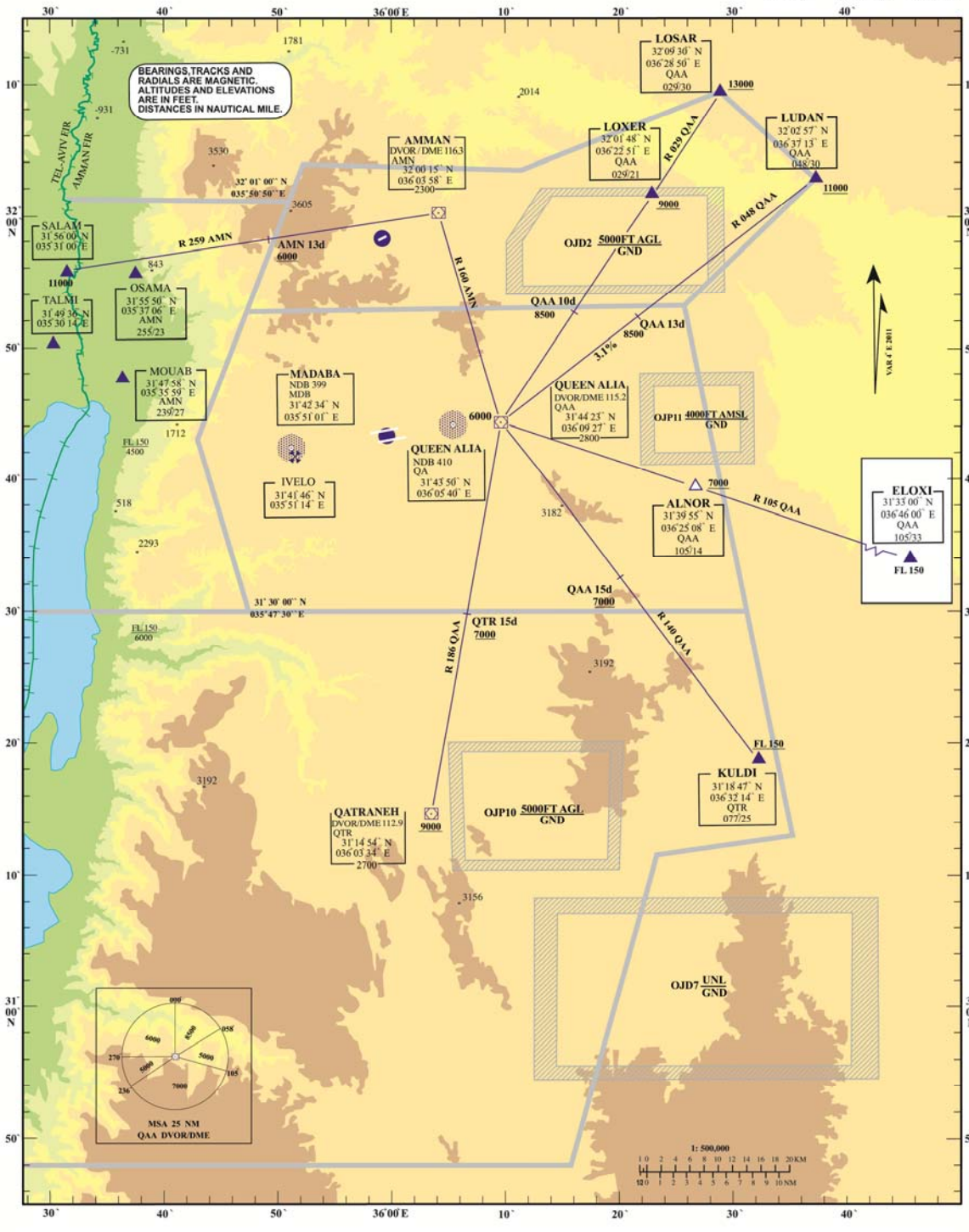
STANDARD ARRAIVAL CHART
INSTRUMENT (STAR) - ICAO

TRANSITION ALTITUDE
13000FT

TWR 118.1
APP 128.9
ACC 128.3

AMMAN/MARKA
(OJAM) RWY 24

KULDI 4A QTR 4A | LUDAN 4A LOSAR 4A | SALAM 4A ELOXI 4A



STANDARD ARRIVAL CHART
INSTRUMENT (STAR) - ICAO

TRANSITION ALTITUDE
13000FT

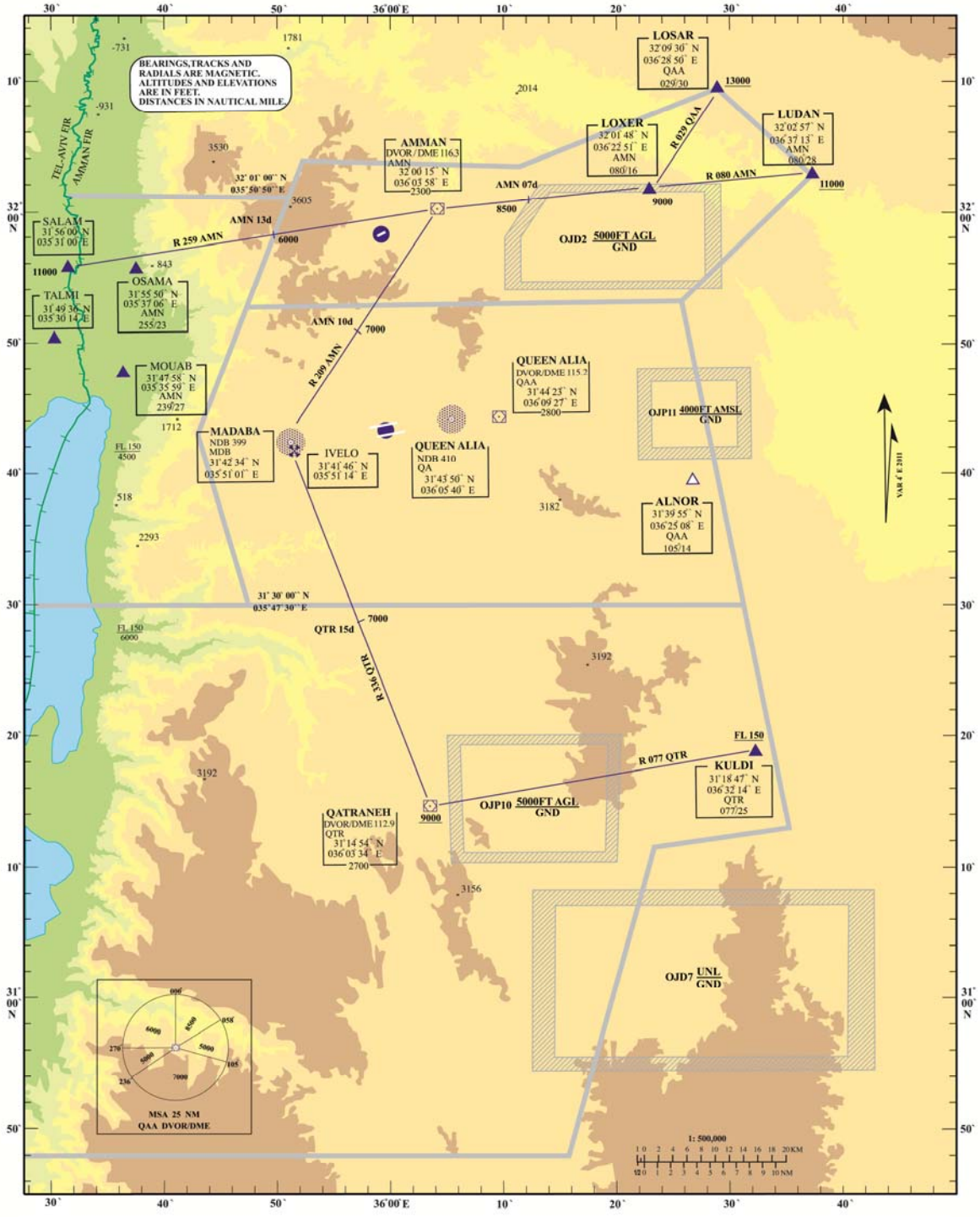
TWR 118.1
APP 128.9
ACC 128.3

AMMAN/MARKA
(OJAM) RWY 06

KULDI 5A
QTR 5A

LUDAN 5A
LOSAR 5A

SALAM 5A



CIVIL AVIATION REGULATORY COMMISSION

BMSL 0 1000 2000 3000 FEET

AIRAC AMDT 6/2011

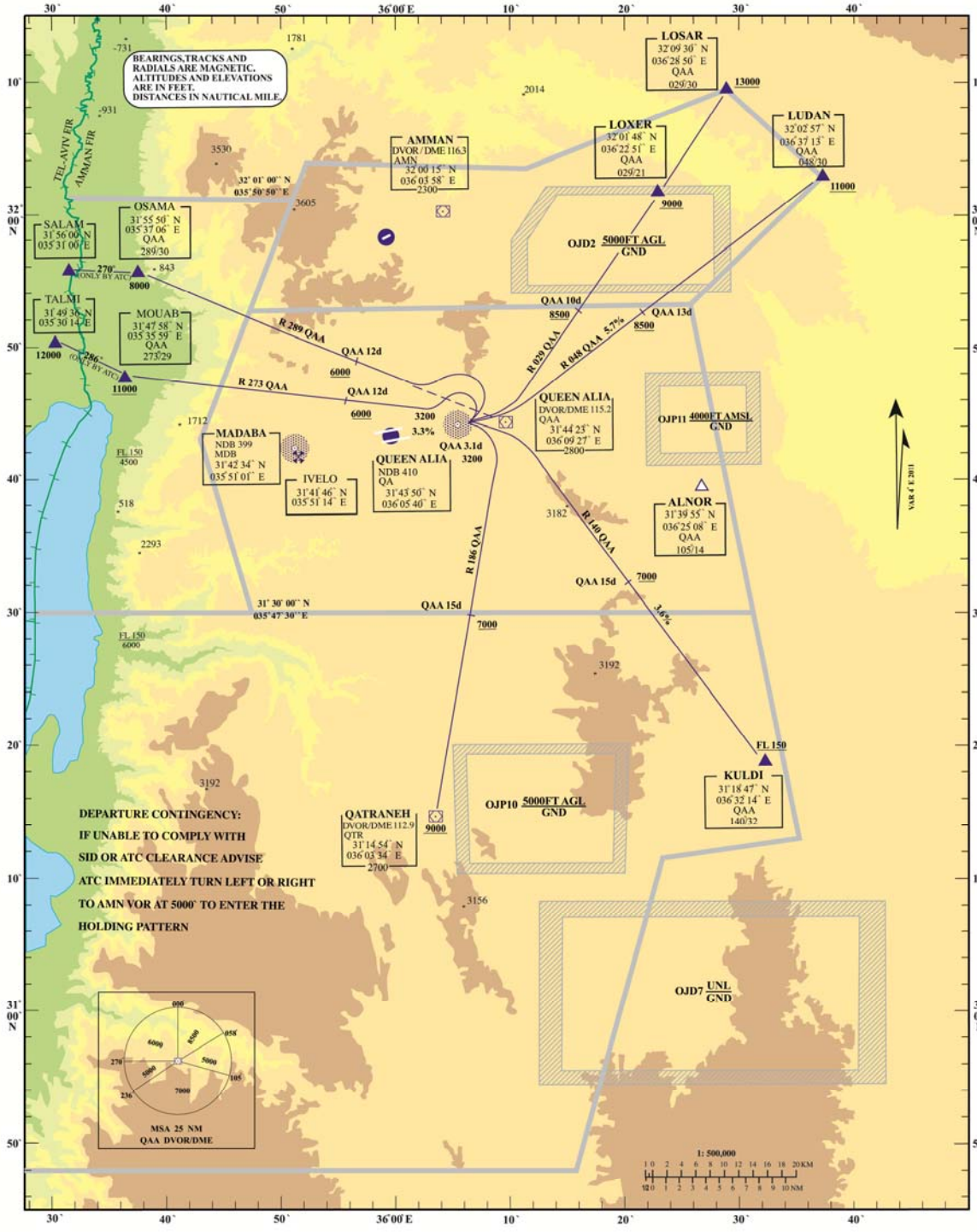
STANDARD DEPARTURE CHART
INSTRUMENT (SID) - ICAO

TRANSITION ALTITUDE
13000FT

TWR 119.8
APP 128.9
ACC 128.3

AMMAN/QUEEN ALIA
(OJAI) RWY 08L

KULDI 3D QTR 3D | LUDAN 3D LOSAR 3D | OSAMA 3D MOUAB 3D



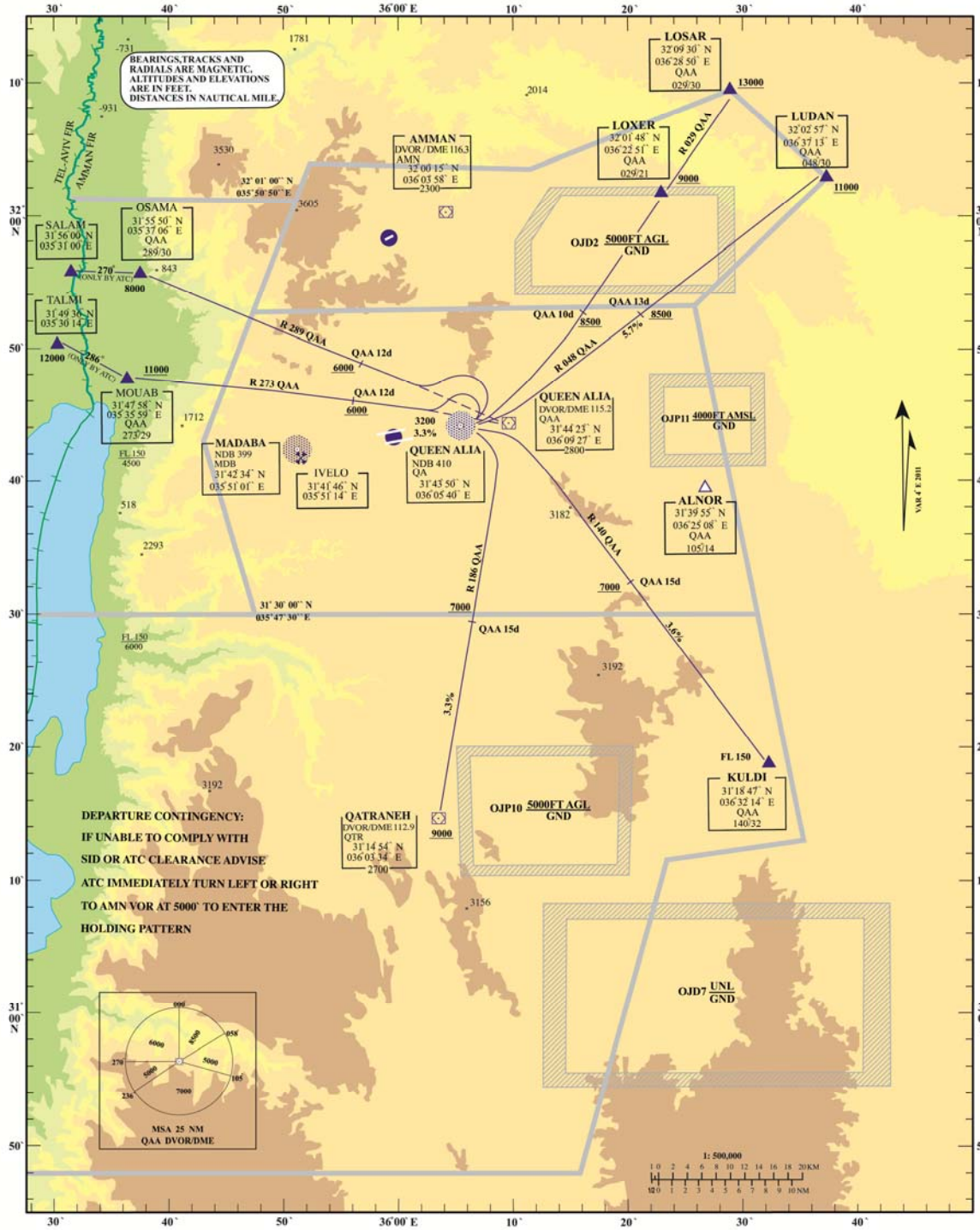
STANDARD DEPARTURE CHART
INSTRUMENT (SID) - ICAO

TRANSITION ALTITUDE
13000FT

TWR 118.1
APP 128.9
ACC 128.3

AMMAN/QUEEN ALIA
(OJAI) RWY 08R

KULDI 3D QTR 3D | LUDAN 3D LOSAR 3D | OSAMA 3D MOUAB 3D



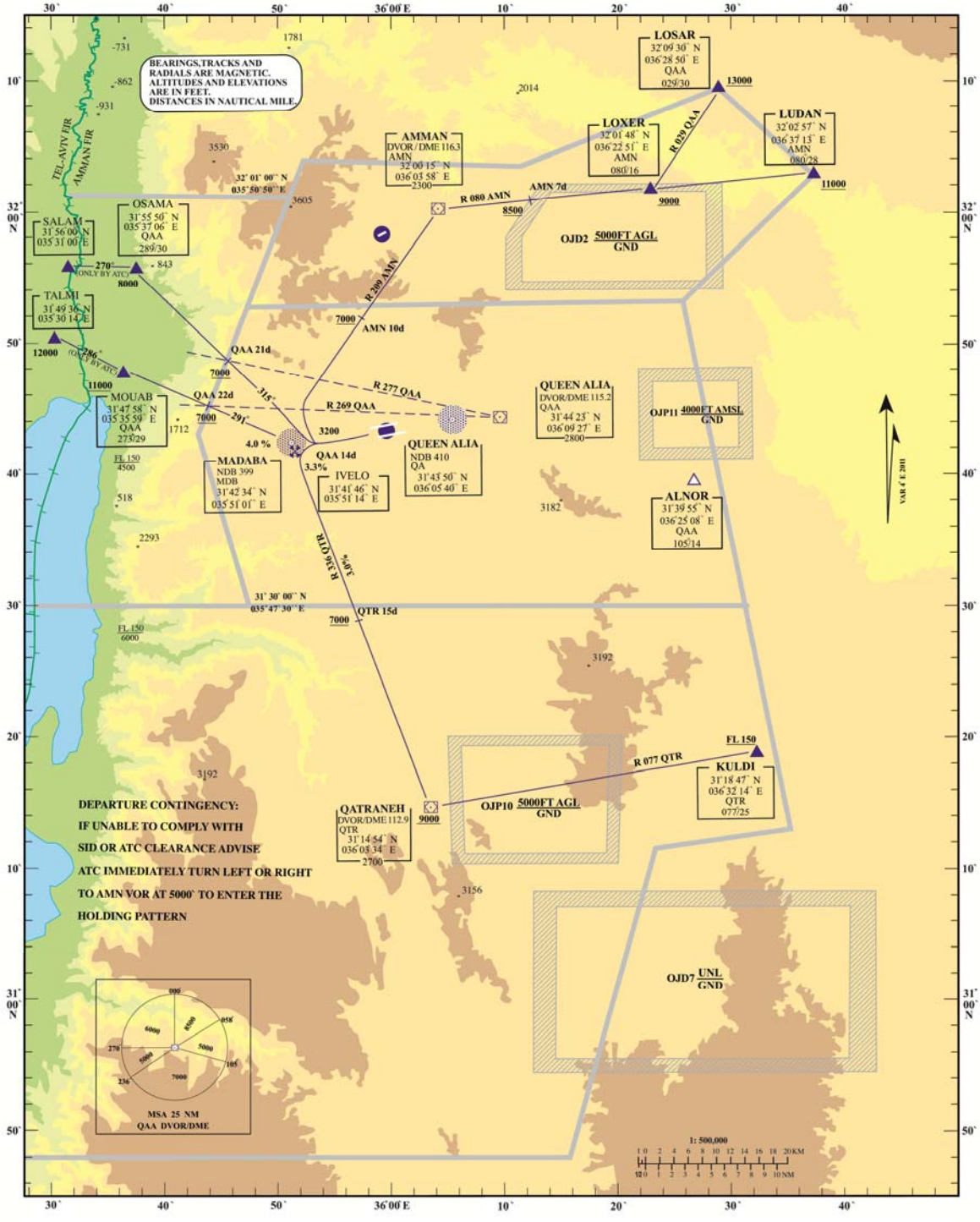
STANDARD DEPARTURE CHART
INSTRUMENT (SID) - ICAO

TRANSITION ALTITUDE
13000FT

TWR 119.8
APP 128.9
ACC 128.3

AMMAN/QUEEN ALIA
(OJAI) RWY 26R

KULDI 2D QTR 2D | LUDAN 2D LOSAR 2D | OSAMA 2D MOUAB 2D



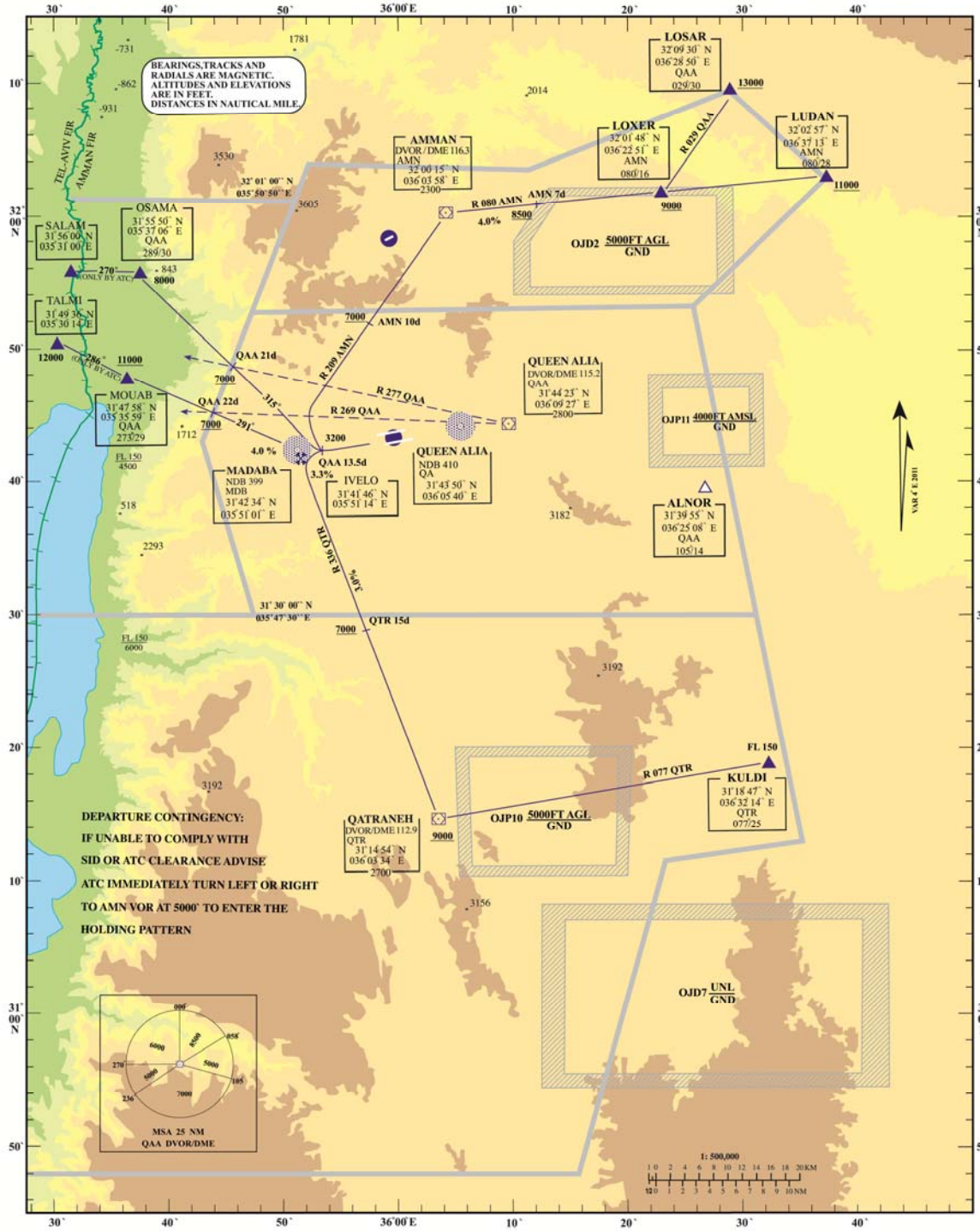
STANDARD DEPARTURE CHART
INSTRUMENT (SID) - ICAO

TRANSITION ALTITUDE
13000FT

TWR 118.1
APP 128.9
ACC 128.3

AMMAN / QUEEN ALIA
(OJAI) RWY 26L

KULDI 2D QTR 2D | LUDAN 2D LOSAR 2D | OSAMA 2D MOUAB 2D



CIVIL AVIATION REGULATORY COMMISSION

BMSL 0 1000 2000 3000 FEET

STANDARD ARRIVAL CHART
INSTRUMENT (STAR) - ICAO

TRANSITION ALTITUDE
13000FT

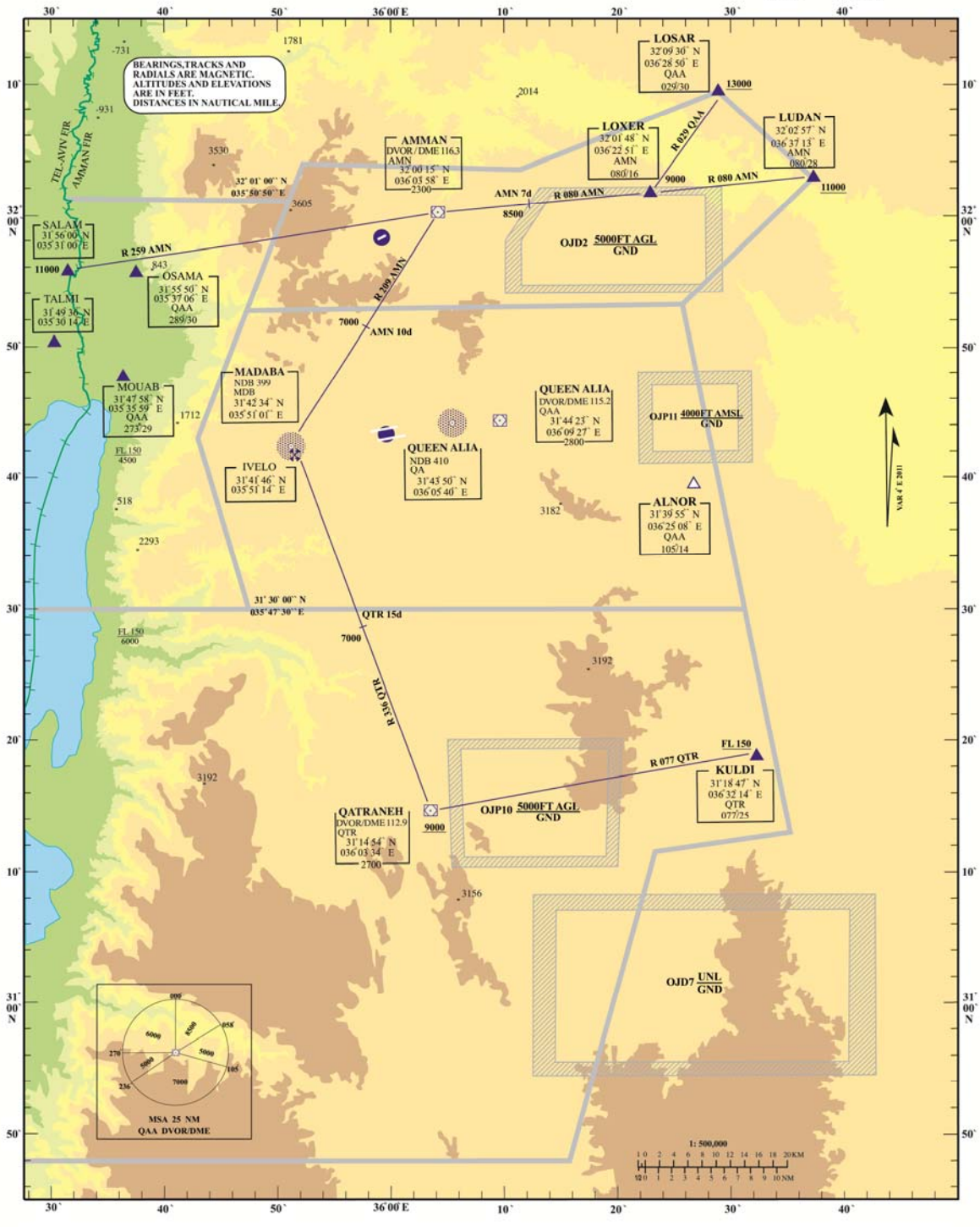
TWR 119.8
APP 128.9
ACC 128.3

AMMAN/QUEEN ALIA
(OJAI) RWY 08R/08L

KULDI 3A
QTR 3A

LUDAN 3A
LOSAR 3A

SALAM 3A



STANDARD ARRIVAL CHART
INSTRUMENT (STAR) - ICAO

TRANSITION ALTITUDE
13000FT

TWR 119.8
APP 128.9
ACC 128.3

AMMAN/QUEEN ALIA
(OJAI) RWY 26R/26L

KULDI 2A QTR 2A | LUDAN 2A LOSAR 2A | SALAM 2A ELOXI 2A