

STANDARD DEPARTURE
CHART-INSTRUMENT
(SID) - ICAO

AD ELEV 2397 FT
Trans Alt 13000
Trans Level FL 150

ATIS 127.600
APP 128.900
TWR 119.800

AMMAN/Queen Alia Intl (OJAI)
SID RNAV (GNSS) RWY 08R

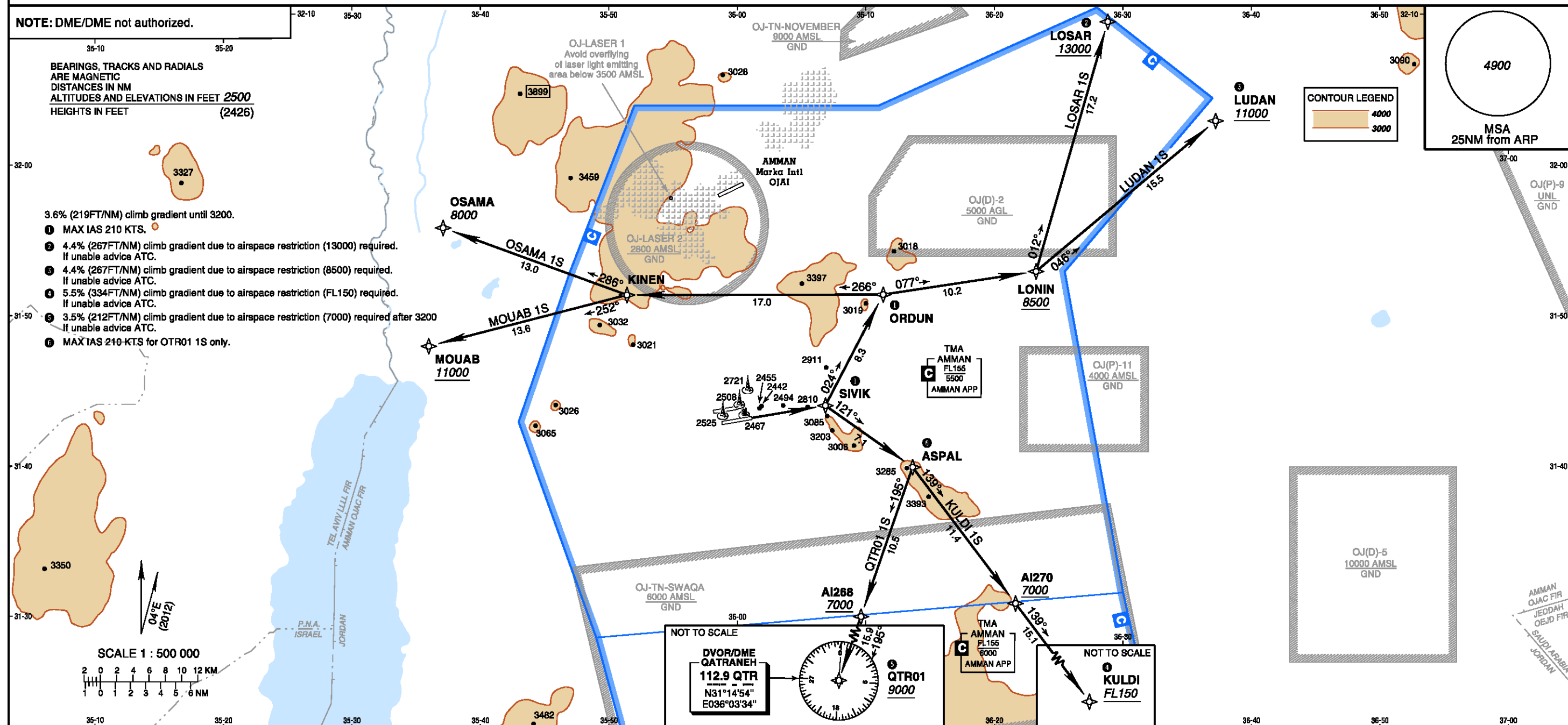
LOSAR 1S, LUDAN 1S, KULDI 1S, QTR01 1S, MOUAB 1S, OSAMA 1S RNAV (GNSS) DEPARTURE

NOTE: DME/DME not authorized.

BEARINGS, TRACKS AND RADIALS
ARE MAGNETIC
DISTANCES IN NM
ALTITUDES AND ELEVATIONS IN FEET 2500
HEIGHTS IN FEET (2426)

3.6% (219FT/NM) climb gradient until 3200.

- 1 MAX IAS 210 KTS.
- 2 4.4% (267FT/NM) climb gradient due to airspace restriction (13000) required.
If unable advice ATC.
- 3 4.4% (267FT/NM) climb gradient due to airspace restriction (8500) required.
If unable advice ATC.
- 4 5.5% (334FT/NM) climb gradient due to airspace restriction (FL150) required.
If unable advice ATC.
- 5 3.5% (212FT/NM) climb gradient due to airspace restriction (7000) required after 3200
If unable advice ATC.
- 6 MAX IAS 210 KTS for QTR01 1S only.



INITIAL CLIMB

SIVIK	Climb direct to SIVIK, then
TRANSITION	
ROUTING	
LOSAR 1S	LEFT turn on track 024° to ORDUN, then RIGHT turn on track 077° to LONIN, cross LONIN at or above 8500, then LEFT turn on track 012° to LOSAR, cross LOSAR at or above 13000.
LUDAN 1S	LEFT turn on track 024° to ORDUN, then RIGHT turn on track 077° to LONIN, cross LONIN at or above 8500, then LEFT turn on track 046° to LUDAN, cross LUDAN at or above 11000.
KULDI 1S	RIGHT turn on track 121° to ASPAL, then RIGHT turn on track 139° to AI270, cross AI270 at or above 7000, then proceed on track 139° to KULDI, cross KULDI at or above FL150.
QTR01 1S	RIGHT turn on track 121° to ASPAL, then RIGHT turn on track 195° to AI268, cross AI268 at or above 7000, then proceed on track 195° to QTR01, cross QTR01 at or above 9000.
MOUAB 1S	LEFT turn on track 024° to ORDUN, then LEFT turn on track 266° to KINEN, then LEFT turn on track 252° to MOUAB, cross MOUAB at or above 11000.
OSAMA 1S	LEFT turn on track 024° to ORDUN, then LEFT turn on track 266° to KINEN, then RIGHT turn on track 286° to OSAMA, cross OSAMA at 8000.

Route Description: RNAV (GNSS) DEPARTURE RWY 08R

Path Descriptor	Waypoint Identifier	Flyover	Course/Track °M	Turn Direction	Altitude	Speed	Magnetic Variation	.Distance	Navigation Specification
LOSAR 1S									
	AER 08R						4°E		RNAV 1
DF	SIVIK	N				210 kts	4°E		RNAV 1
TF	ORDUN	N	023.50°	left		210 kts	4°E	8.30*	RNAV 1
TF	LONIN	N	077.35°	right	+8500		4°E	10.24*	RNAV 1
TF	LOSAR	N	012.00°	left	+13000		4°E	17.20*	RNAV 1
LUDAN 1S									
	AER 08R						4°E		RNAV 1
DF	SIVIK	N				210 kts	4°E		RNAV 1
TF	ORDUN	N	023.50°	left		210 kts	4°E	8.30*	RNAV 1
TF	LONIN	N	077.35°	right	+8500		4°E	10.24*	RNAV 1
TF	LUDAN	N	045.91°	left	+11000		4°E	15.53*	RNAV 1
KULDI 1S									
	AER 08R						4°E		RNAV 1
DF	SIVIK	N				210 kts	4°E		RNAV 1
TF	ASPAL	N	121.21°	right		210 kts	4°E	7.09*	RNAV 1
TF	AI270	N	138.91°	right	+7000		4°E	11.35*	RNAV 1
TF	KULDI	N	138.97°		+FL150		4°E	15.06*	RNAV 1
QTR01 1S									
	AER 08R						4°E		RNAV 1
DF	SIVIK	N				210 kts	4°E		RNAV 1
TF	ASPAL	N	121.21°	right		210 kts	4°E	7.09*	RNAV 1
TF	AI268	N	195.08°	right	+7000		4°E	10.51*	RNAV 1
TF	QTR01	N	195.03°		+9000		4°E	15.90*	RNAV 1
MOUAB 1S									
	AER 08R						4°E		RNAV 1
DF	SIVIK	N				210 kts	4°E		RNAV 1
TF	ORDUN	N	023.50°	left		210 kts	4°E	8.30*	RNAV 1
TF	KINEN	N	266.00°	left			4°E	16.98*	RNAV 1
TF	MOUAB	N	251.56°	left	+11000		4°E	13.58*	RNAV 1
OSAMA 1S									
	AER 08R						4°E		RNAV 1
DF	SIVIK	N				210 kts	4°E		RNAV 1
TF	ORDUN	N	023.50°	left		210 kts	4°E	8.30*	RNAV 1
TF	KINEN	N	266.00°	left			4°E	16.98*	RNAV 1
TF	OSAMA	N	286.13°	right	@8000		4°E	12.97*	RNAV 1

* Direct distance (NM) between waypoints.

Aeronautical Data Tabulation: RNAV (GNSS) DEPARTURE RWY 08R

Waypoint / Fix	Latitude	Longitude	Latitude (MIN)	Longitude (MIN)	Notes
AER 08R	N31°42'51.78"	E035°58'49.84"	N31°42.863'	E035°58.831'	
SIVIK	N31°44'01.40"	E036°06'50.97"	N31°44.023'	E036°06.850'	
ORDUN	N31°51'24.02"	E036°11'21.01"	N31°51.400'	E036°11.350'	
LONIN	N31°52'56.14"	E036°23'14.71"	N31°52.936'	E036°23.245'	
LOSAR	N32°09'30.06"	E036°28'49.77"	N32°09.501'	E036°28.830'	
LUDAN	N32°02'56.60"	E036°37'13.29"	N32°02.943'	E036°37.222'	
ASPAL	N31°39'55.45"	E036°13'38.19"	N31°39.924'	E036°13.637'	
AI270	N31°30'50.56"	E036°21'38.84"	N31°30.843'	E036°21.647'	
KULDI	N31°18'47.07"	E036°32'14.16"	N31°18.785'	E036°32.236'	
AI268	N31°29'58.35"	E036°09'37.21"	N31°29.973'	E036°09.620'	
QTR01	N31°14'54.41"	E036°03'34.31"	N31°14.907'	E036°03.572'	
KINEN	N31°51'22.45"	E035°51'24.66"	N31°51.374'	E035°51.411'	
MOUAB	N31°47'58.00"	E035°35'59.00"	N31°47.967'	E035°35.983'	
OSAMA	N31°55'50.00"	E035°37'06.00"	N31°55.833'	E035°37.100'	