

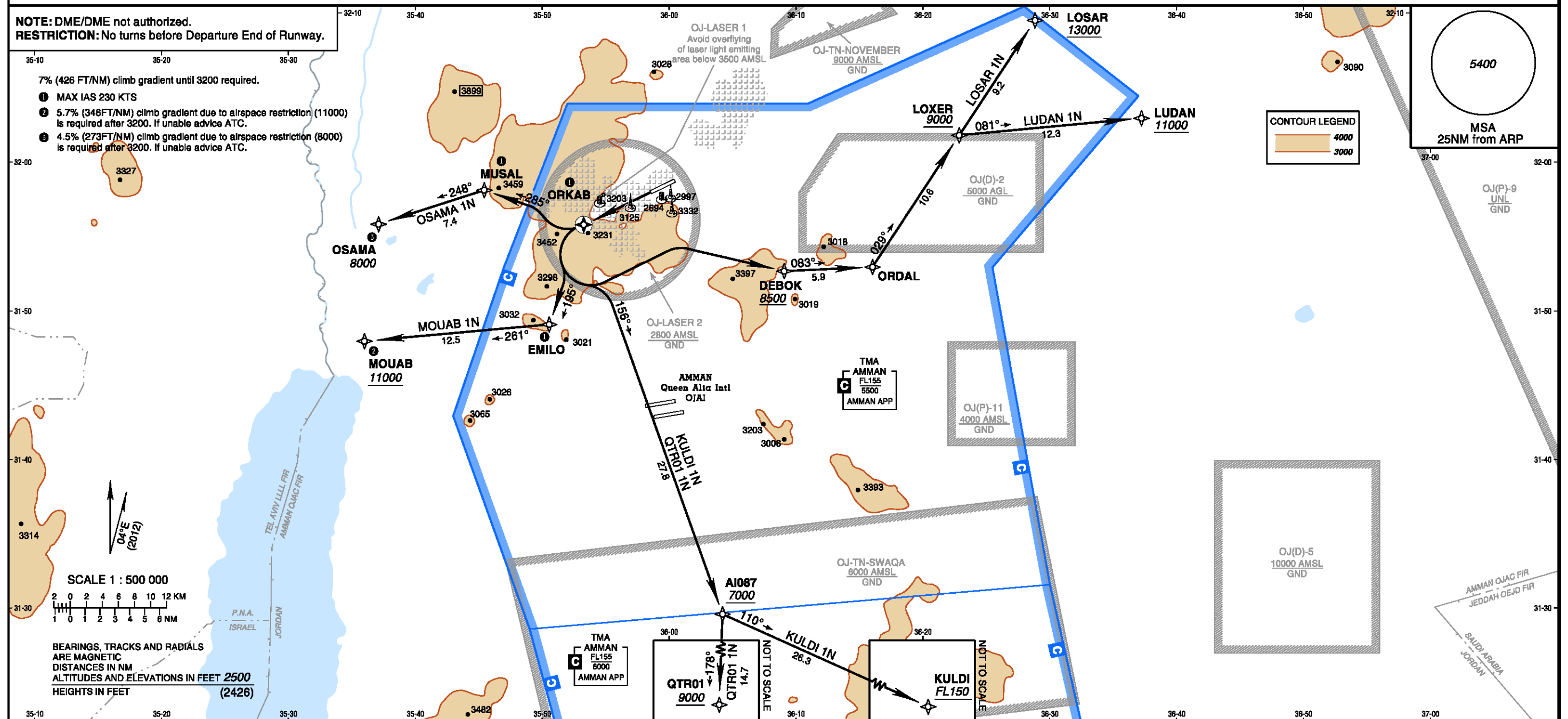
STANDARD DEPARTURE
CHART-INSTRUMENT
(SID) - ICAOAD ELEV 2556 FT
Trans Alt 13000
Trans Level FL 150ATIS 127.600
APP 128.900
TWR 118.100AMMAN/Marka Intl (OJAM)
SID RNAV (GNSS) RWY 24

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

NOTE: DME/DME not authorized.
RESTRICTION: No turns before Departure End of Runway.

7% (426 FT/NM) climb gradient until 3200 required.

- ① MAX IAS 230 KTS
- ② 5.7% (346FT/NM) climb gradient due to airspace restriction (11000) is required after 3200. If unable advice ATC.
- ③ 4.5% (273FT/NM) climb gradient due to airspace restriction (8000) is required after 3200. If unable advice ATC.



INITIAL CLIMB

ORKAB	Climb direct to ORKAB, then
TRANSITION	
LOSAR 1N	LEFT turn direct to DEBOK, cross DEBOK at or above 8500, then on track 083° to ORDAL, then LEFT turn on track 029° to LOXER to, cross LOXER at or above 9000, then proceed on track 029° to LOSAR, cross LOSAR at or above 13000.
LUDAN 1N	LEFT turn direct to DEBOK, cross DEBOK at or above 8500, then on track 083° to ORDAL, then LEFT turn on track 029° to LOXER to, cross LOXER at or above 9000, then RIGHT turn on track 081° to LUDAN, cross LUDAN at or above 11000.
KULDI 1N	LEFT turn on track 156° to AI087, cross AI087 at or above 7000, then LEFT turn on track 110° to KULDI, cross KULDI at or above FL150.
QTR01 1N	LEFT turn on track 156° to AI087, cross AI087 at or above 7000, then RIGHT turn on track 178° to QTR01, cross QTR01 at or above 9000.
MOUAB 1N	LEFT turn on track 195° to EMILO, then RIGHT turn on track 261° to MOUAB, cross MOUAB at or above 11000.
OSAMA 1N	RIGHT turn on track 285° to MUSAL, then LEFT turn on track 248° to OSAMA, cross OSAMA at 8000.

Route Description: RNAV (GNSS) DEPARTURE RWY 24

Path Descriptor	Waypoint Identifier	Flyover	Course/ Track °M	Turn Direction	Altitude	Speed	Magnetic Variation	Distance	Navigation Specification
LOSAR 1N									
	AER 24						4°E		RNAV 1
DF	ORKAB	Y				230 kts	4°E		RNAV 1
DF	DEBOK	N		left	+8500		4°E		RNAV 1
TF	ORDAL	N	083.32°	left			4°E	5.94*	RNAV 1
TF	LOXER	N	029.33°		+9000		4°E	10.57*	RNAV 1
TF	LOSAR	N	029.39°		+13000		4°E	9.21*	RNAV 1
LUDAN 1N									
	AER 24						4°E		RNAV 1
DF	ORKAB	Y				230 kts	4°E		RNAV 1
DF	DEBOK	N		left	+8500		4°E		RNAV 1
TF	ORDAL	N	083.32°	left			4°E	5.94*	RNAV 1
TF	LOXER	N	029.33°		+9000		4°E	10.57*	RNAV 1
TF	LUDAN	N	080.58°		+11000		4°E	12.26*	RNAV 1
KULDI 1N									
	AER 24						4°E		RNAV 1
DF	ORKAB	Y				230 kts	4°E		RNAV 1
TF	AI087	N	156.31°	left	+7000		4°E	27.77*	RNAV 1
TF	KULDI	N	110.05°	left	+FL150		4°E	26.29*	RNAV 1
QTR01 1N									
	AER 24						4°E		RNAV 1
DF	ORKAB	Y				230 kts	4°E		RNAV 1
TF	AI087	N	156.31°	left	+7000		4°E	27.77*	RNAV 1
TF	QTR01	N	178.14°	right	+9000		4°E	14.66*	RNAV 1
MOUAB 1N									
	AER 24						4°E		RNAV 1
DF	ORKAB	Y				230 kts	4°E		RNAV 1
TF	EMILO	N	195.17°	left		230 kts	4°E	7.08*	RNAV 1
TF	MOUAB	N	260.89°	right	+11000		4°E	12.46*	RNAV 1
OSAMA 1N									
	AER 24						4°E		RNAV 1
DF	ORKAB	Y				230 kts	4°E		RNAV 1
TF	MUSAL	N	285.17°	right		230 kts	4°E	7.07*	RNAV 1
TF	OSAMA	N	248.24°	right	@8000		4°E	7.44*	RNAV 1

* Direct distance (NM) between waypoints.

Aeronautical Data Tabulation: RNAV (GNSS) DEPARTURE RWY 24

Waypoint / Fix	Latitude	Longitude	Latitude (MIN)	Longitude (MIN)	Notes
AER 24	N31°58'45.00"	E036°00'26.02"	N31°58.750'	E036°00.433'	
ORKAB	N31°55'47.33"	E035°53'15.96"	N31°55.789'	E035°53.266'	
DEBOK	N31°52'40.65"	E036°09'03.77"	N31°52.678'	E036°09.063'	
ORDAL	N31°52'57.18"	E036°16'01.69"	N31°52.953'	E036°16.028'	
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'	
AI087	N31°29'34.49"	E036°04'12.59"	N31°29.575'	E036°04.210'	
KULDI	N31°18'47.07"	E036°32'14.16"	N31°18.785'	E036°32.236'	
QTR01	N31°14'54.41"	E036°03'34.31"	N31°14.907'	E036°03.572'	
EMILO	N31°49'05.53"	E035°50'32.71"	N31°49.092'	E035°50.545'	
MOUAB	N31°47'58.00"	E035°35'59.00"	N31°47.967'	E035°35.983'	
MUSAL	N31°58'06.72"	E035°45'25.61"	N31°58.112'	E035°45.427'	
OSAMA	N31°55'50.00"	E035°37'06.00"	N31°55.833'	E035°37.100'	