#### STANDARD DEPARTURE CHART -INSTRUMENT

# RJOM / MATSUYAMA

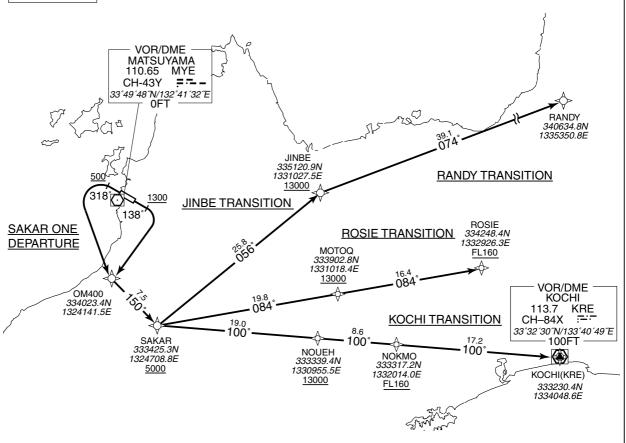
## SAKAR ONE DEPARTURE RANDY TRANSITION / JINBE TRANSITION ROSIE TRANSITION / KOCHI TRANSITION

Basic RNP1

RNAV SID and TRANSITION

Note GNSS required.





#### SAKAR ONE DEPARTURE

RWY14 : Climb on HDG138° at or above 1300FT, turn right direct to OM400, to SAKAR at or above 5000FT.

RWY32 : Climb on HDG318° at or above 500FT, turn left direct to OM400, to SAKAR at or above 5000FT.

NOTE RWY14: 7.0% climb gradient required up to 3200FT.

OBST ALT 2822FT located at 7.6NM 172° FM end of RWY14.

No turn before DER.

RWY32: 5.3% climb gradient required up to 3600FT.

OBST ALT 3084FT located at 10.5NM 177° FM end of RWY32.

### **RANDY TRANSITION**

From SAKAR at or above 5000FT, to JINBE at or above 13000FT, to RANDY.

### JINBE TRANSITION

From SAKAR at or above 5000FT, to JINBE at or above 13000FT.

### ROSIE TRANSITION

From SAKAR at or above 5000FT, to MOTOQ at or above 13000FT, to ROSIE at or above FL160.

#### **KOCHI TRANSITION**

From SAKAR at or above 5000FT, to NOUEH at or above 13000FT, to NOKMO at or above FL160, to KRE.

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## → RNAV SID and TRANSITION

## SAKAR ONE DEPARTURE

## RWY14

Serial	Path	Waypoint	Fly	Course	Magnetic	Distance	Turn	Altitude	Speed	Vertical	Navigation
Number	Descriptor	Identifier	Over	$^{\circ}M(^{\circ}T)$	Variation	(NM)	Direction	(FT)	(KIAS)	Angle	Specification
001	VA	_	_	138 (130.7)	-7.4	_	1	+1300	1	_	Basic RNP1
002	DF	OM400	_	_	-7.4	_	R	_	_	_	Basic RNP1
003	TF	SAKAR	_	150 (142.7)	-7.4	7.5	-	+5000	_	_	Basic RNP1

## RWY32

Serial	Path	Waypoint	Fly	Course	Magnetic	Distance	Turn	Altitude	Speed	Vertical	Navigation
Number	Descriptor	Identifier	Over	$^{\circ}M(^{\circ}T)$	Variation	(NM)	Direction	(FT)	(KIAS)	Angle	Specification
001	VA	_	_	318 (310.7)	-7.4	_	_	+500	_	_	Basic RNP1
002	DF	OM400	_	_	-7.4	_	L	_	_	_	Basic RNP1
003	TF	SAKAR	_	150 (142.7)	-7.4	7.5	_	+5000	_	_	Basic RNP1

## **RANDY TRANSITION**

Serial	Path	Waypoint	Fly	Course	Magnetic	Distance	Turn	Altitude	Speed	Vertical	Navigation
Number	Descriptor	Identifier	Over	°M(°T)	Variation	(NM)	Direction	(FT)	(KIAS)	Angle	Specification
001	IF	SAKAR	_	-	-7.4	_	1	+5000	_	_	Basic RNP1
002	TF	JINBE	_	056 (048.8)	-7.4	25.8	_	+13000	_	_	Basic RNP1
003	TF	RANDY	_	074 (066.9)	-7.4	39.1	_	_	_	_	Basic RNP1

## JINBE TRANSITION

Serial	Path	Waypoint	Fly	Course	Magnetic	Distance	Turn	Altitude	Speed	Vertical	Navigation
Number	Descriptor	Identifier	Over	$^{\circ}M(^{\circ}T)$	Variation	(NM)	Direction	(FT)	(KIAS)	Angle	Specification
001	IF	SAKAR	_	_	-7.4	_	_	+5000	_	_	Basic RNP1
002	TF	JINBE	_	056 (048.8)	-7.4	25.8	_	+13000	_	_	Basic RNP1

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## → RNAV SID and TRANSITION

## **ROSIE TRANSITION**

Serial	Path	Waypoint	Fly	Course	Magnetic	Distance	Turn	Altitude	Speed	Vertical	Navigation
Number	Descriptor	Identifier	Over	°M(°T)	Variation	(NM)	Direction	(FT)	(KIAS)	Angle	Specification
001	IF	SAKAR	_	_	-7.4	_	_	+5000	_	_	Basic RNP1
002	TF	MOTOQ	_	084 (076.4)	-7.4	19.8	_	+13000	_	_	Basic RNP1
003	TF	ROSIE	_	084 (076.6)	-7.4	16.4	-	+FL160	_	_	Basic RNP1

## **KOCHI TRANSITION**

Serial	Path	Waypoint	Fly	Course	Magnetic	Distance	Turn	Altitude	Speed	Vertical	Navigation
Number	Descriptor	Identifier	Over	°M(°T)	Variation	(NM)	Direction	(FT)	(KIAS)	Angle	Specification
001	IF	SAKAR	_	_	-7.4	_	_	+5000	_	_	Basic RNP1
002	TF	NOUEH	_	100 (092.2)	-7.4	19.0	_	+13000	_	_	Basic RNP1
003	TF	NOKMO	_	100 (092.4)	-7.4	8.6	_	+FL160	-	_	Basic RNP1
004	TF	KRE	_	100 (092.5)	-7.4	17.2	_	ı	I	_	Basic RNP1