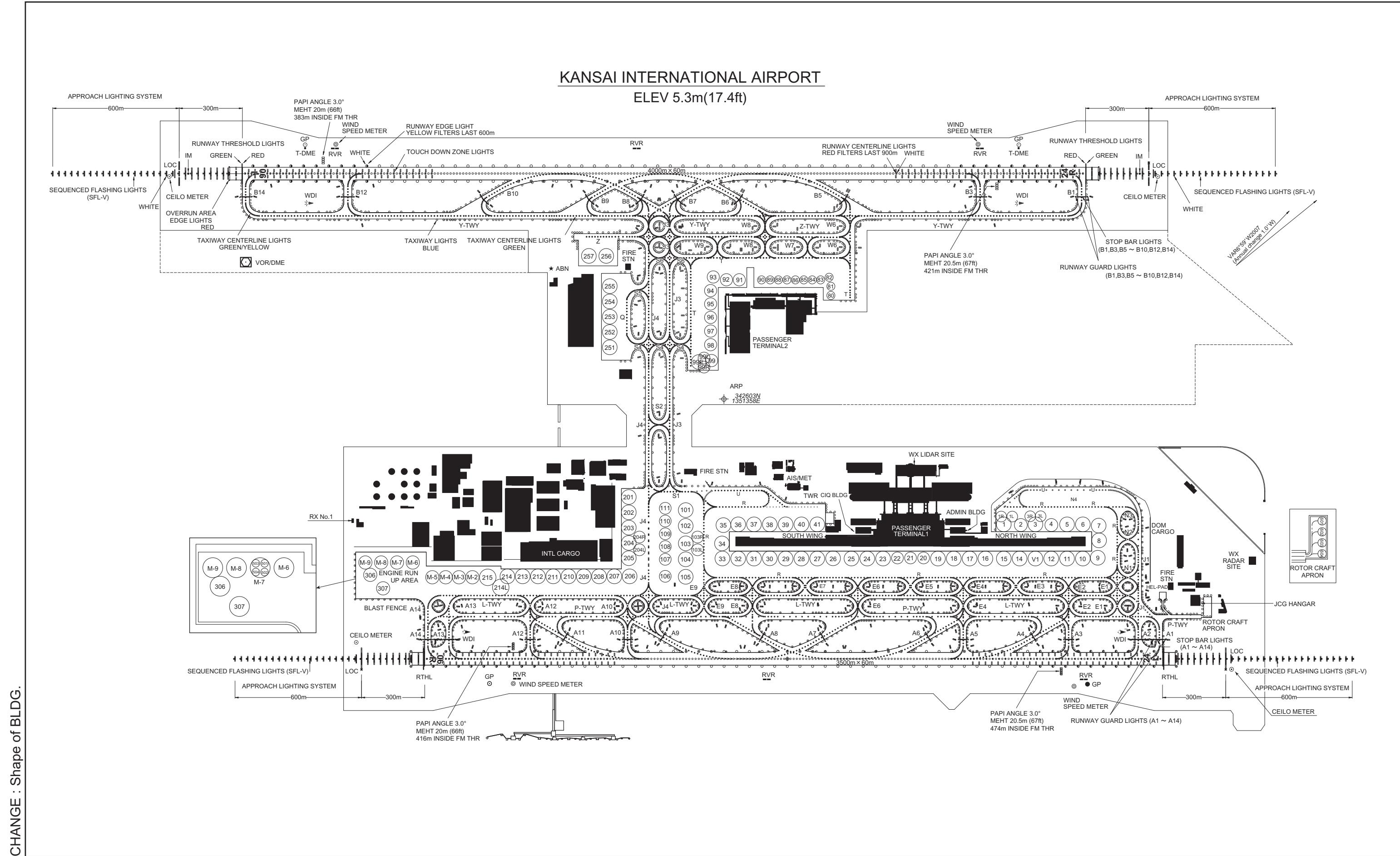
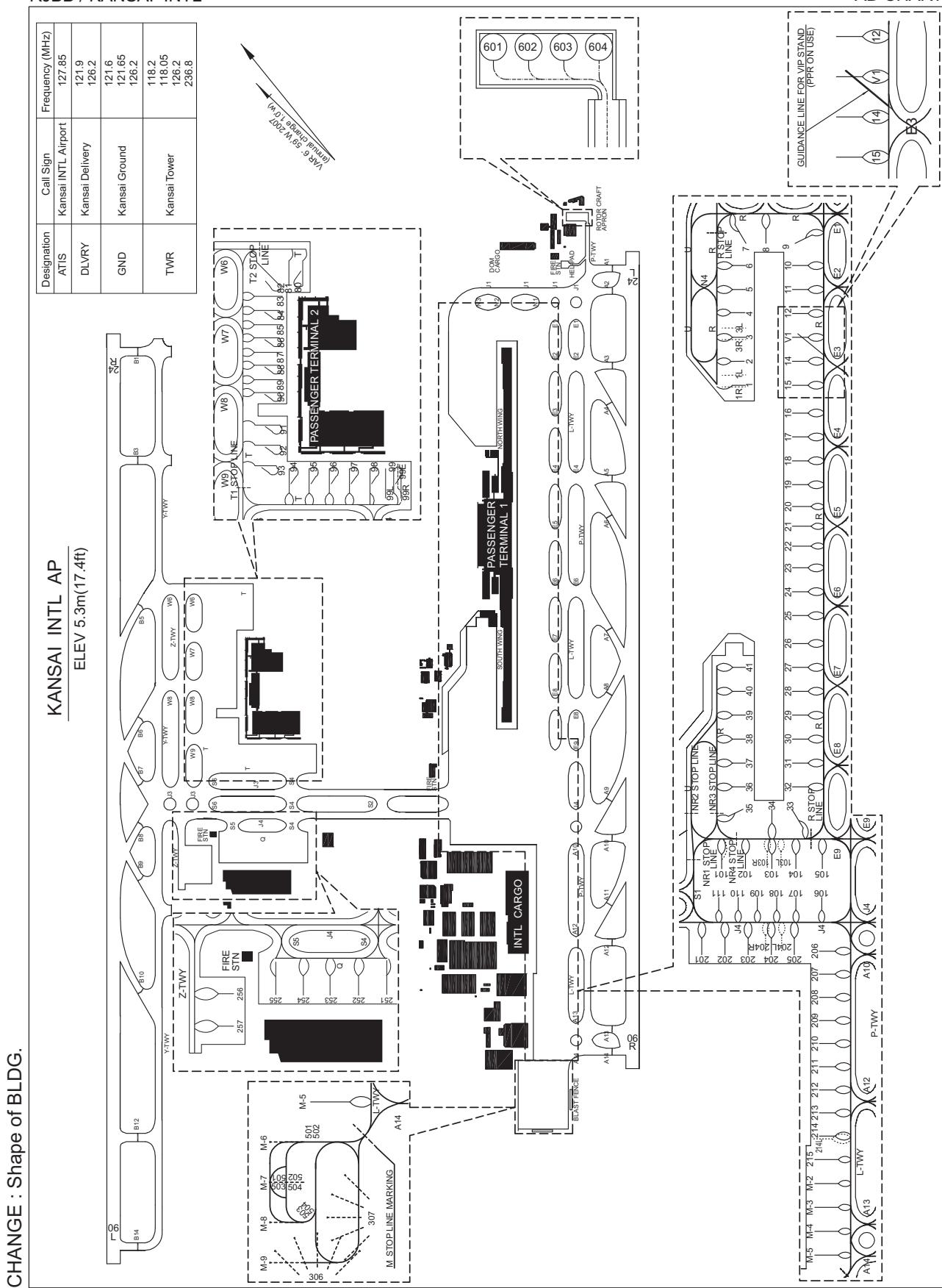


AERODROME CHART



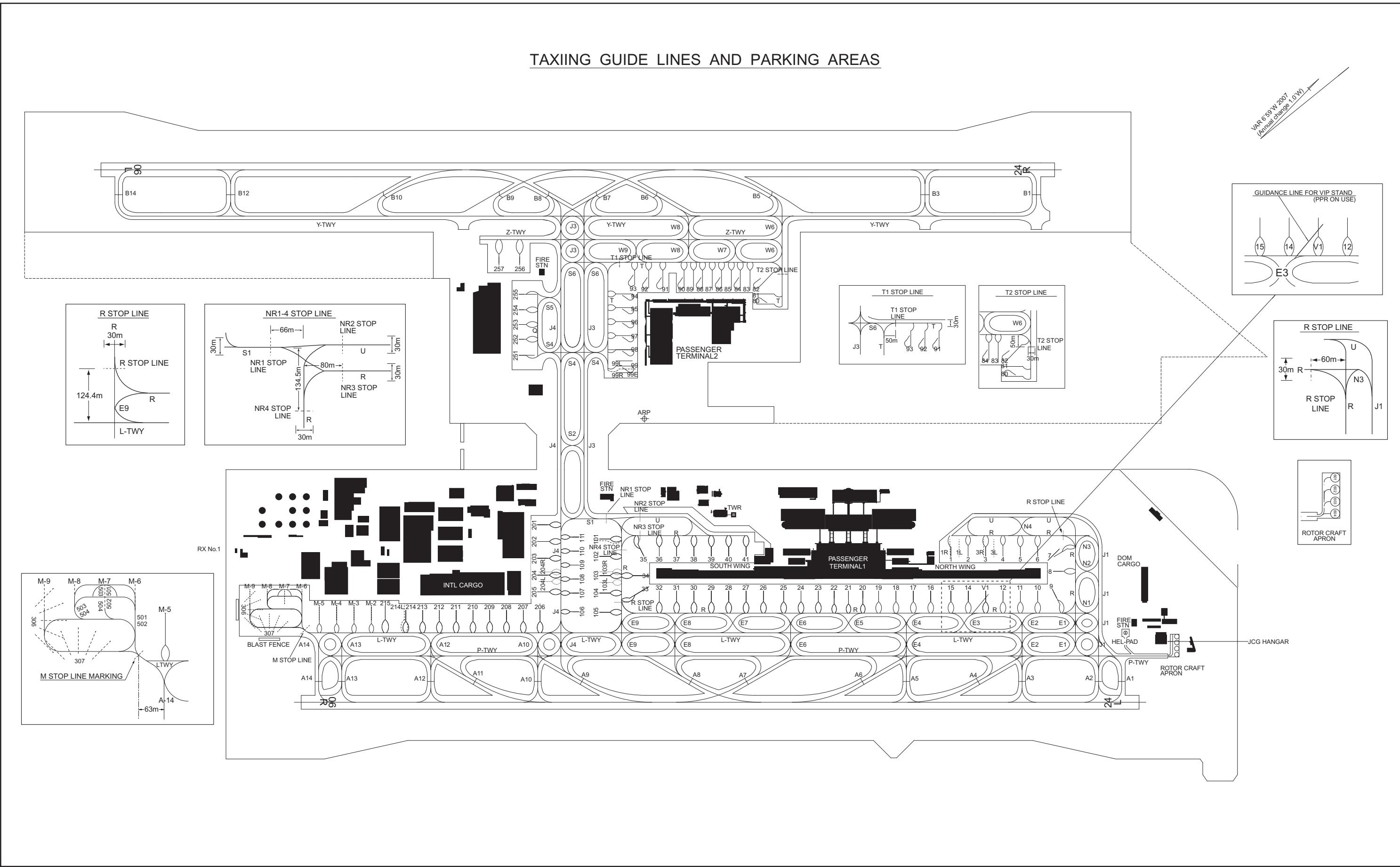
RJBB / KANSAI INTL

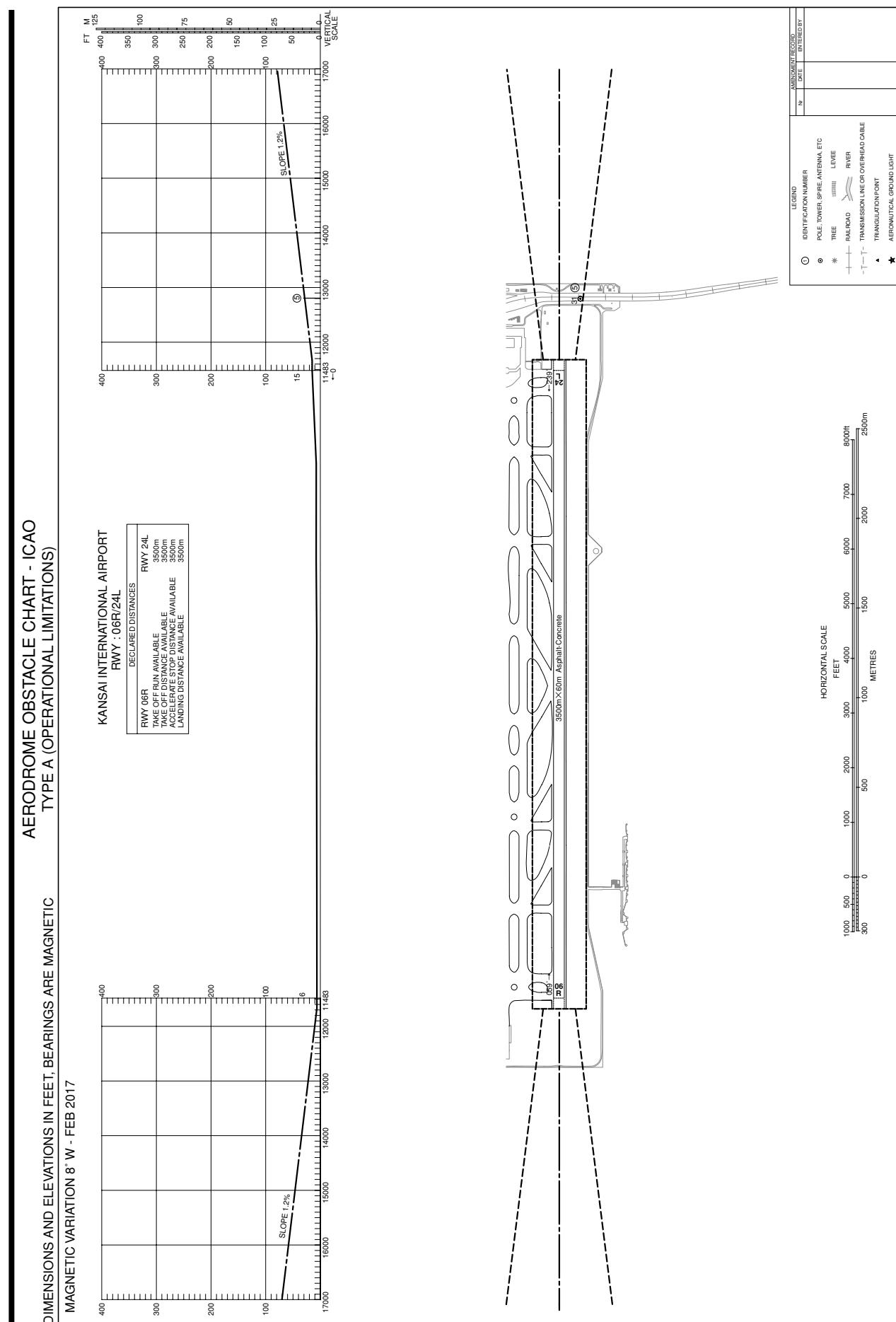
## AD CHART



#### TAXIING GUIDE LINES AND PARKING AREAS

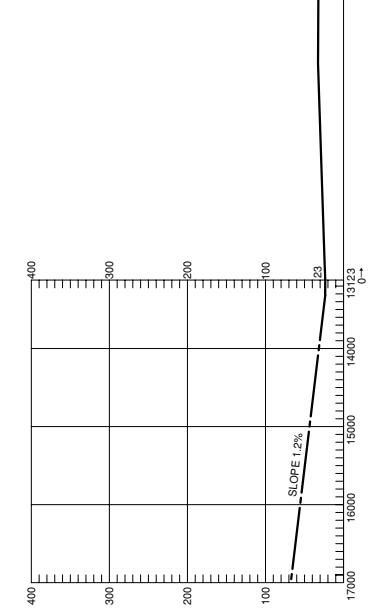
CHANGE : Shape of BLDG.





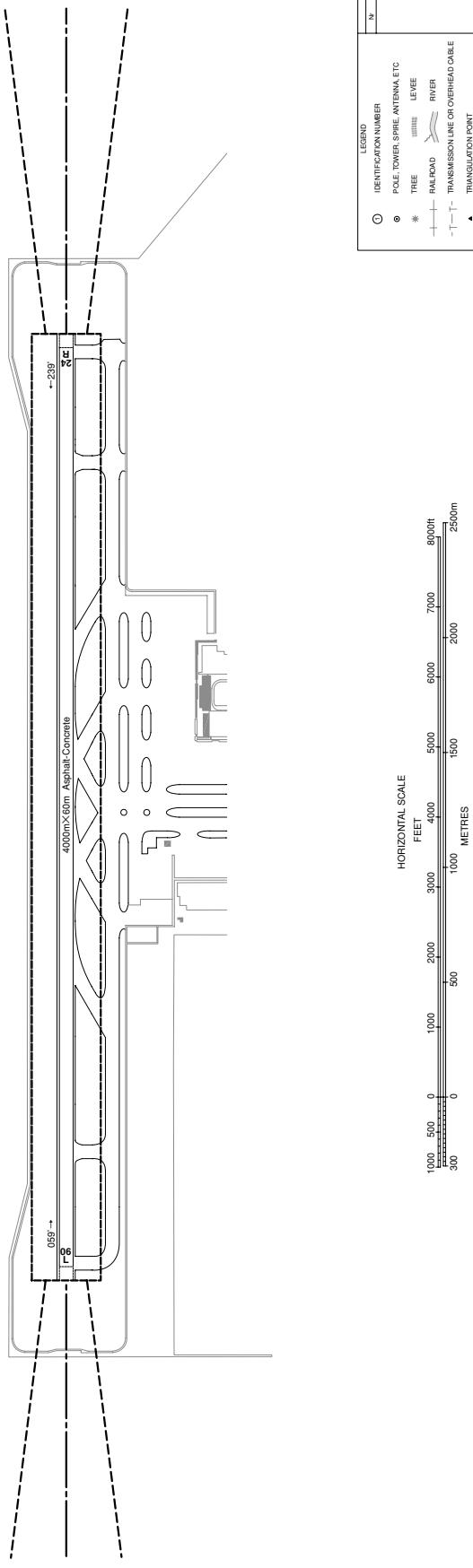
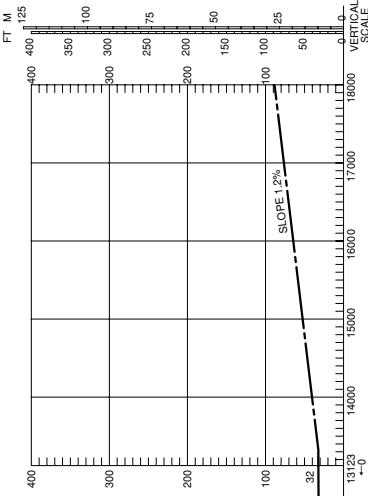
DIMENSIONS AND ELEVATIONS IN FEET, BEARINGS ARE MAGNETIC

MAGNETIC VARIATION 8° W - FEB 2017



KANSAI INTERNATIONAL AIRPORT  
RWY : 06L/24R

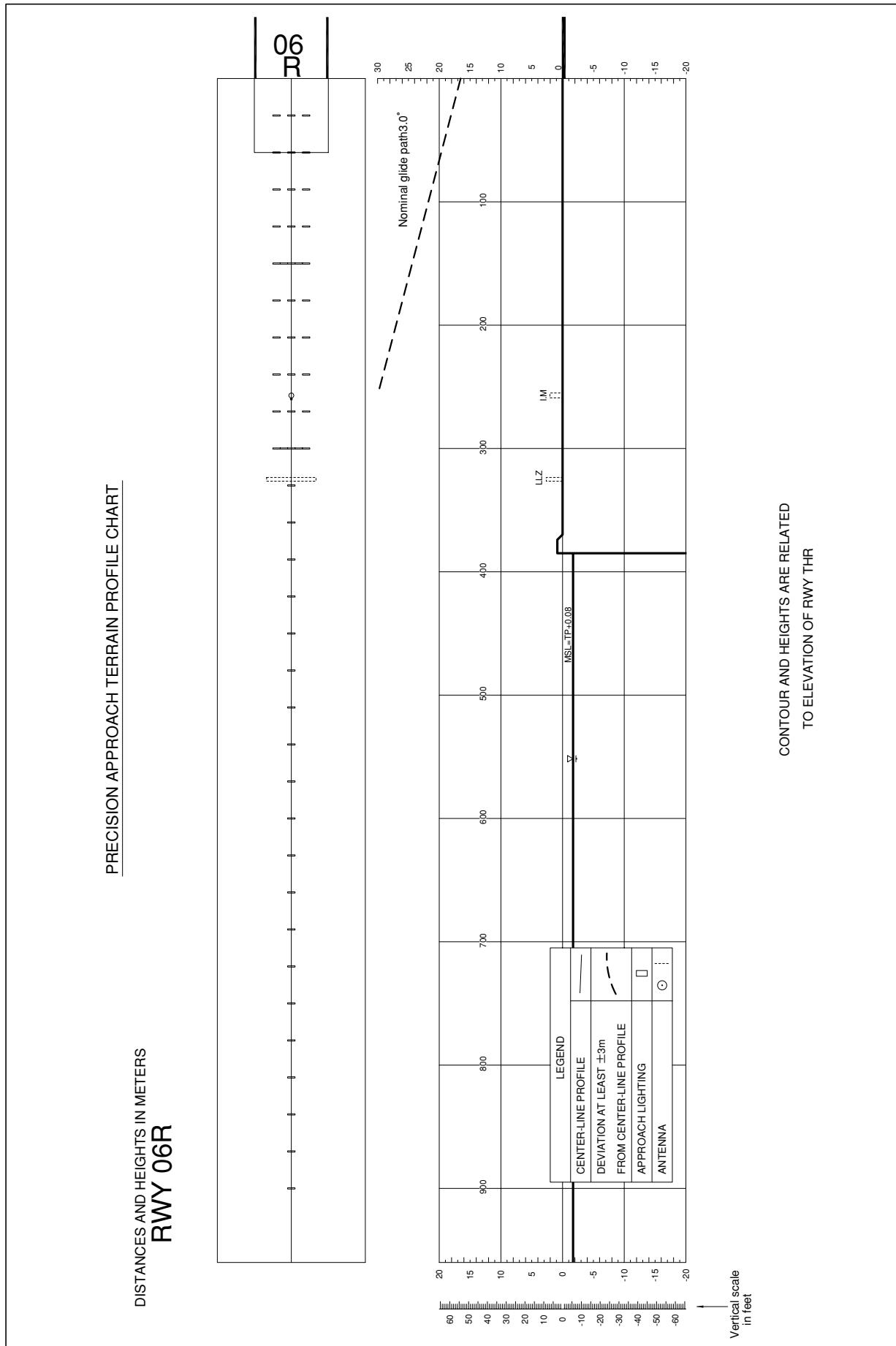
DECLARED DISTANCES		RWY 24R
RWY 06L	TAKE OFF RUN AVAILABLE	4000m
	TAKE OFF DISTANCE AVAILABLE	4000m
	ACCELERATE STOP DISTANCE AVAILABLE	4000m
	LANDING DISTANCE AVAILABLE	4000m



## DIMENSIONS AND ELEVATIONS IN FEET BEARINGS ARE MAGNETICS

## AERODROME OBSTRUCTION CHART TYPE B

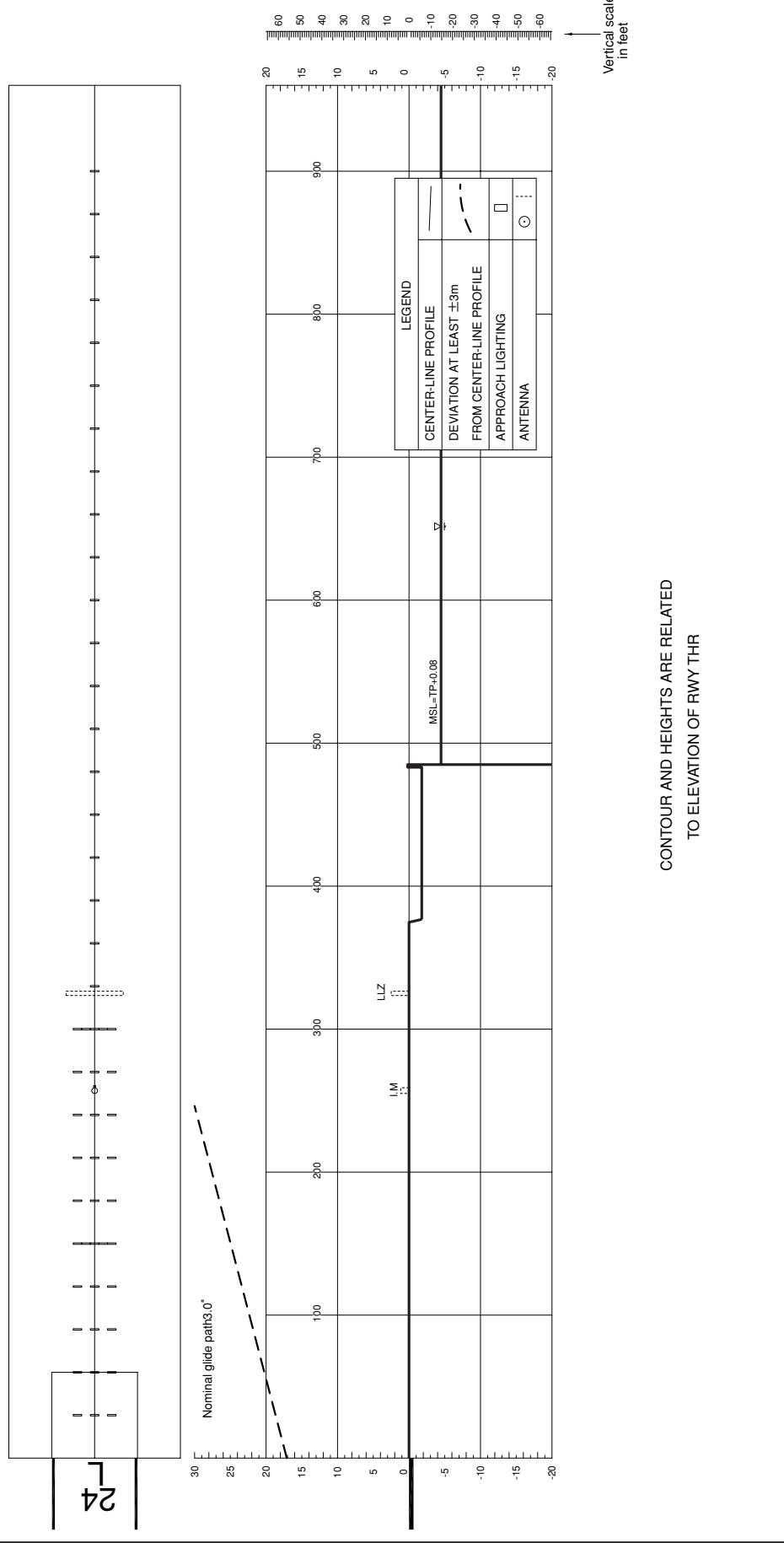




**RWY 24L**

DISTANCES AND HEIGHTS IN METERS

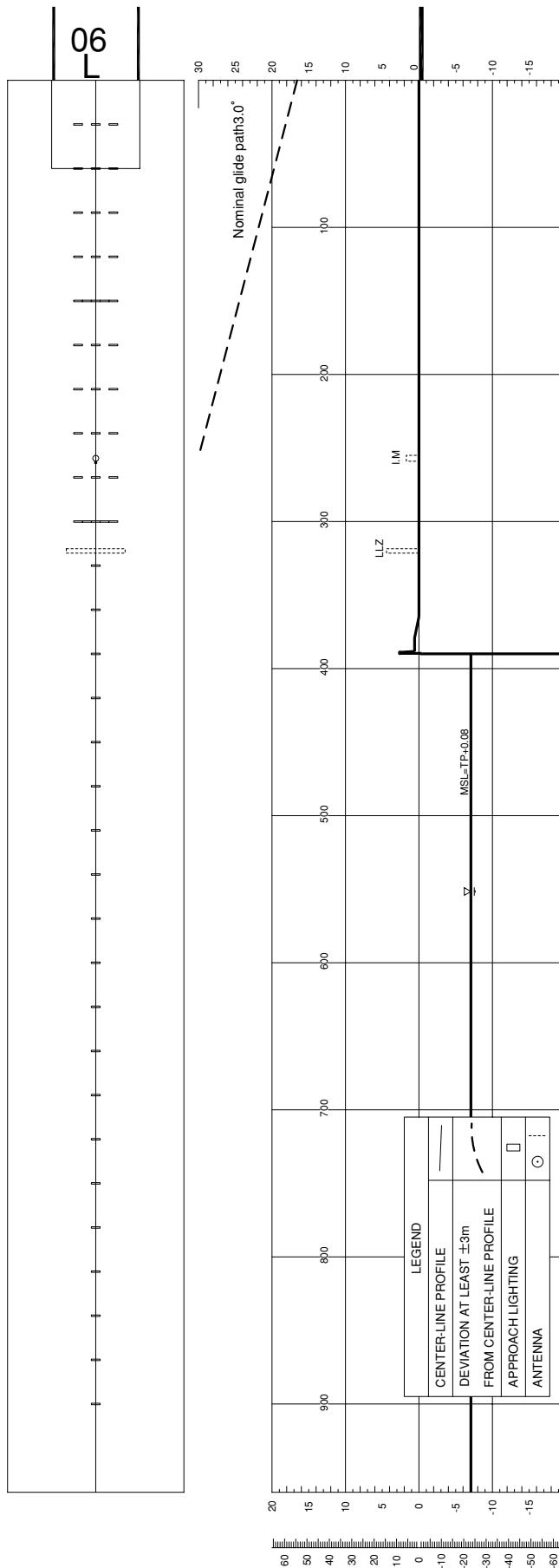
PRECISION APPROACH TERRAIN PROFILE CHART



**RWY 06L**

DISTANCES AND HEIGHTS IN METERS

PRECISION APPROACH TERRAIN PROFILE CHART



CONTOUR AND HEIGHTS ARE RELATED  
TO ELEVATION OF RWY THR

PRECISION APPROACH TERRAIN PROFILE CHART

RWY 24R

DISTANCES AND HEIGHTS IN METERS



STANDARD DEPARTURE CHART-INSTRUMENT

RJBB / KANSAI INTL

SID

**MAIKO NINE DEPARTURE**

**RWY06R**: Climb on HDG054° to KIE 5.4DME, turn left, via KCE R167 to intercept and proceed via YOE R279 to MAIKO.

Cross KIE R049 at or above 2500FT,...

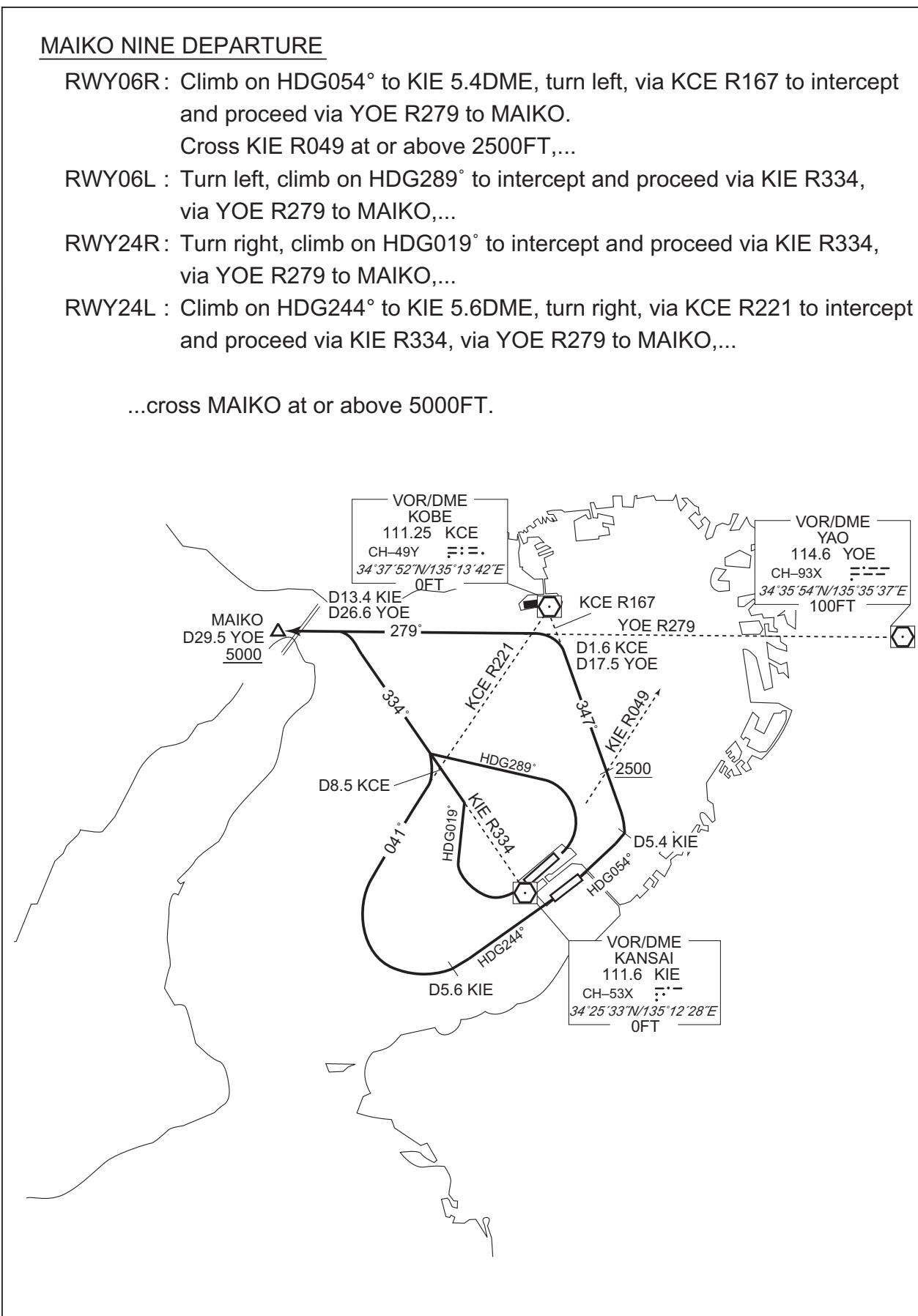
**RWY06L** : Turn left, climb on HDG289° to intercept and proceed via KIE R334, via YOE R279 to MAIKO,...

**RWY24R**: Turn right, climb on HDG019° to intercept and proceed via KIE R334, via YOE R279 to MAIKO,...

**RWY24L** : Climb on HDG244° to KIE 5.6DME, turn right, via KCE R221 to intercept and proceed via KIE R334, via YOE R279 to MAIKO,...

...cross MAIKO at or above 5000FT.

CHANGE : Description of PROC name.



## STANDARD DEPARTURE CHART-INSTRUMENT

RJBB / KANSAI INTL

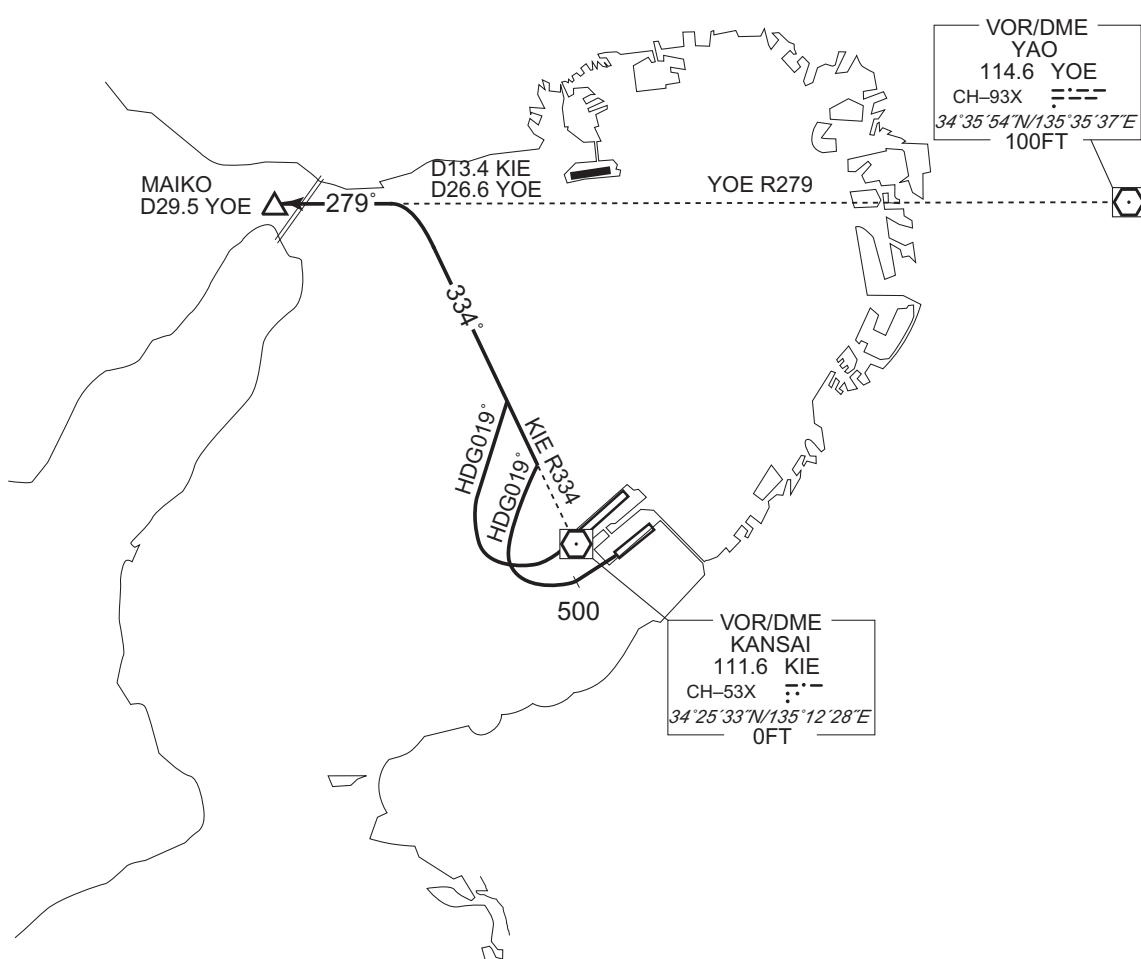
SID

FERRY SIX DEPARTURE

RWY24R : Turn right, climb on HDG019° to intercept and proceed via KIE R334, via YOE R279 to MAIKO.

RWY24L : Climb RWY HDG to 500FT, turn right HDG019° to intercept and proceed via KIE R334, via YOE R279 to MAIKO.

Note RWY24L : No turn before DER.



STANDARD DEPARTURE CHART-INSTRUMENT

RJBB / KANSAI INTL

TRANSITION

MIYAZU TRANSITION

From over MAIKO, proceed via KCE R272 to KAWAT, via TSC R001 to CHIZU via AYAYA, via YME R236 to YME VOR/DME.

Cross KAWAT at or above 8000FT.

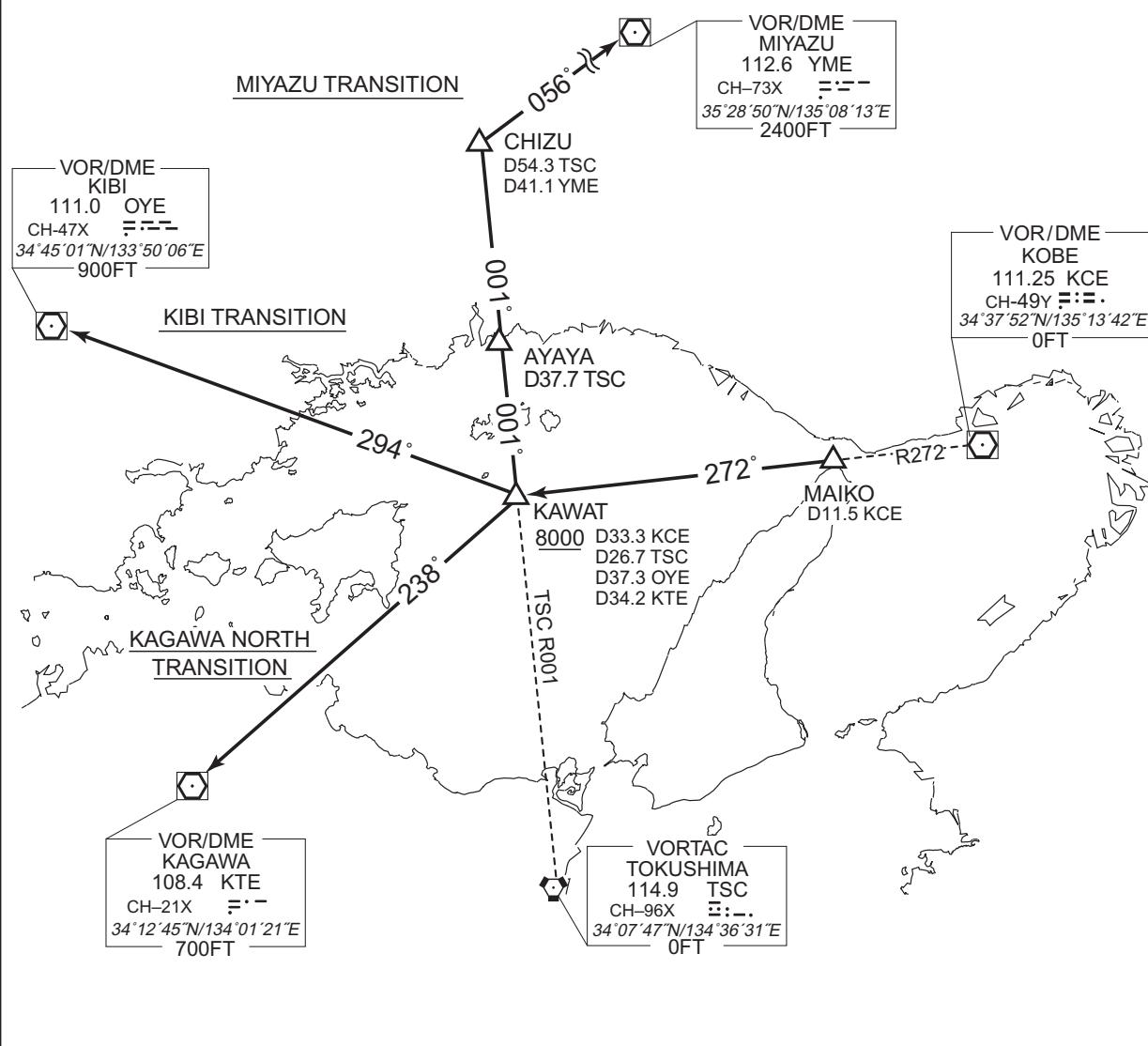
KIBI TRANSITION

From over MAIKO, proceed via KCE R272 to KAWAT, via OYE R114 to OYE VOR/DME. Cross KAWAT at or above 8000FT.

KAGAWA NORTH TRANSITION

From over MAIKO, proceed via KCE R272 to KAWAT, via KTE R058 to KTE VOR/DME. Cross KAWAT at or above 8000FT.

CHANGE : Radial FM KCE. AYAYA established.



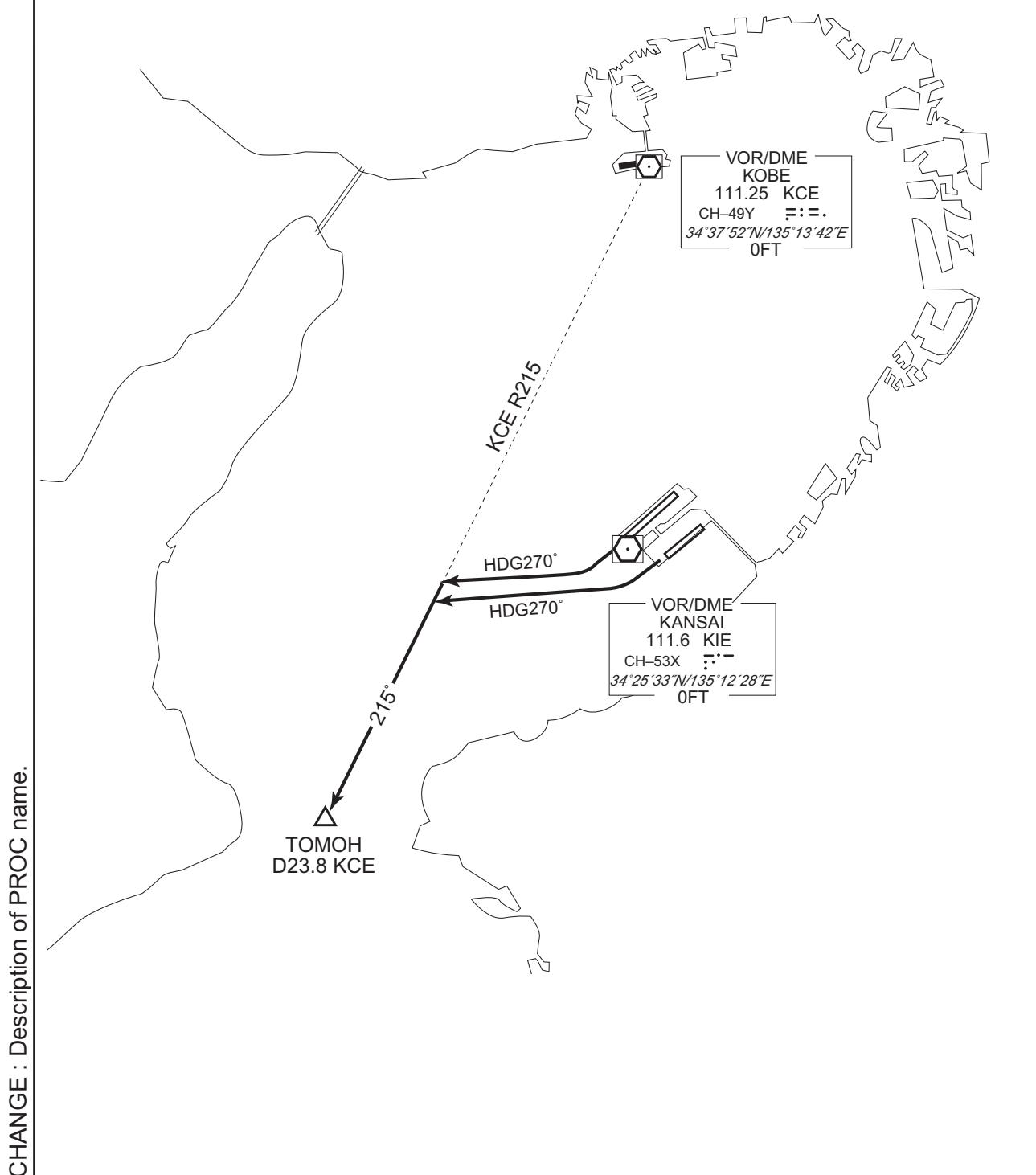
## STANDARD DEPARTURE CHART-INSTRUMENT

RJBB / KANSAI INTL

SID

TOMOH WEST ONE DEPARTURE

RWY24R/L : Turn right, climb on HDG270° to intercept and proceed via KCE R215 to TOMOH.



STANDARD DEPARTURE CHART-INSTRUMENT

RJBB / KANSAI INTL

SID

TOMOH THREE DEPARTURE

RWY06R : Climb on HDG054° to KIE 5.4DME, turn left, via KCE R167 to intercept and proceed via YOE R269, via KCE R215 to TOMOH.

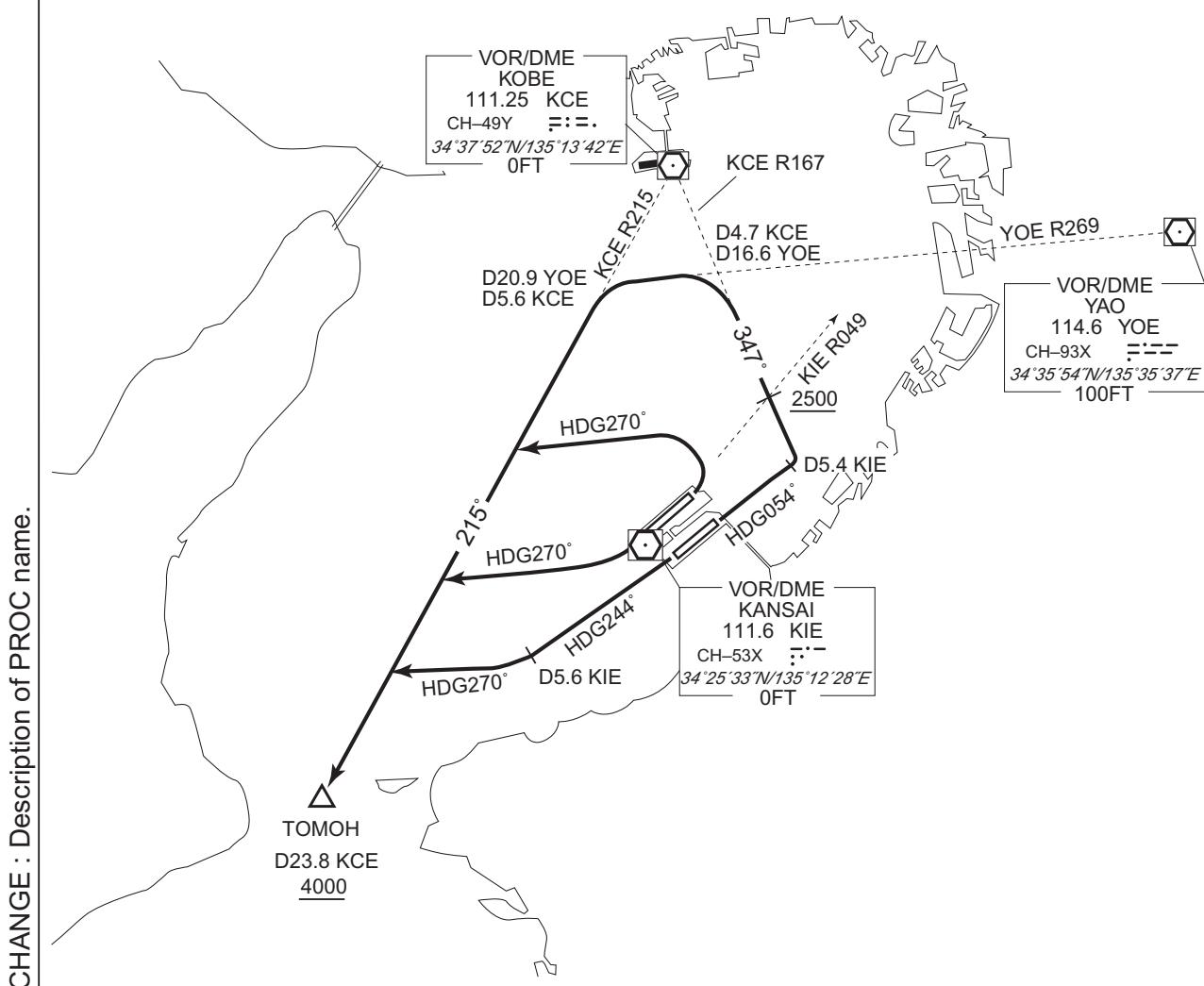
Cross KIE R049 at or above 2500FT. ...

RWY06L : Turn left, climb on HDG270° to intercept and proceed via KCE R215 to TOMOH. ...

RWY24R : Turn right, climb on HDG270° to intercept and proceed via KCE R215 to TOMOH. ...

RWY24L : Climb on HDG244° to KIE 5.6DME, turn right HDG270° to intercept and proceed via KCE R215 to TOMOH. ...

...Cross TOMOH at or above 4000FT.



## STANDARD DEPARTURE CHART-INSTRUMENT

RJBB / KANSAI INTL

TRANSITION

KOCHI SOUTH TRANSITION

From over TOMOH, proceed via KIE R237 to DIODE, via KRE R068 to KRE VOR/DME.

Cross DIODE at or above FL140.

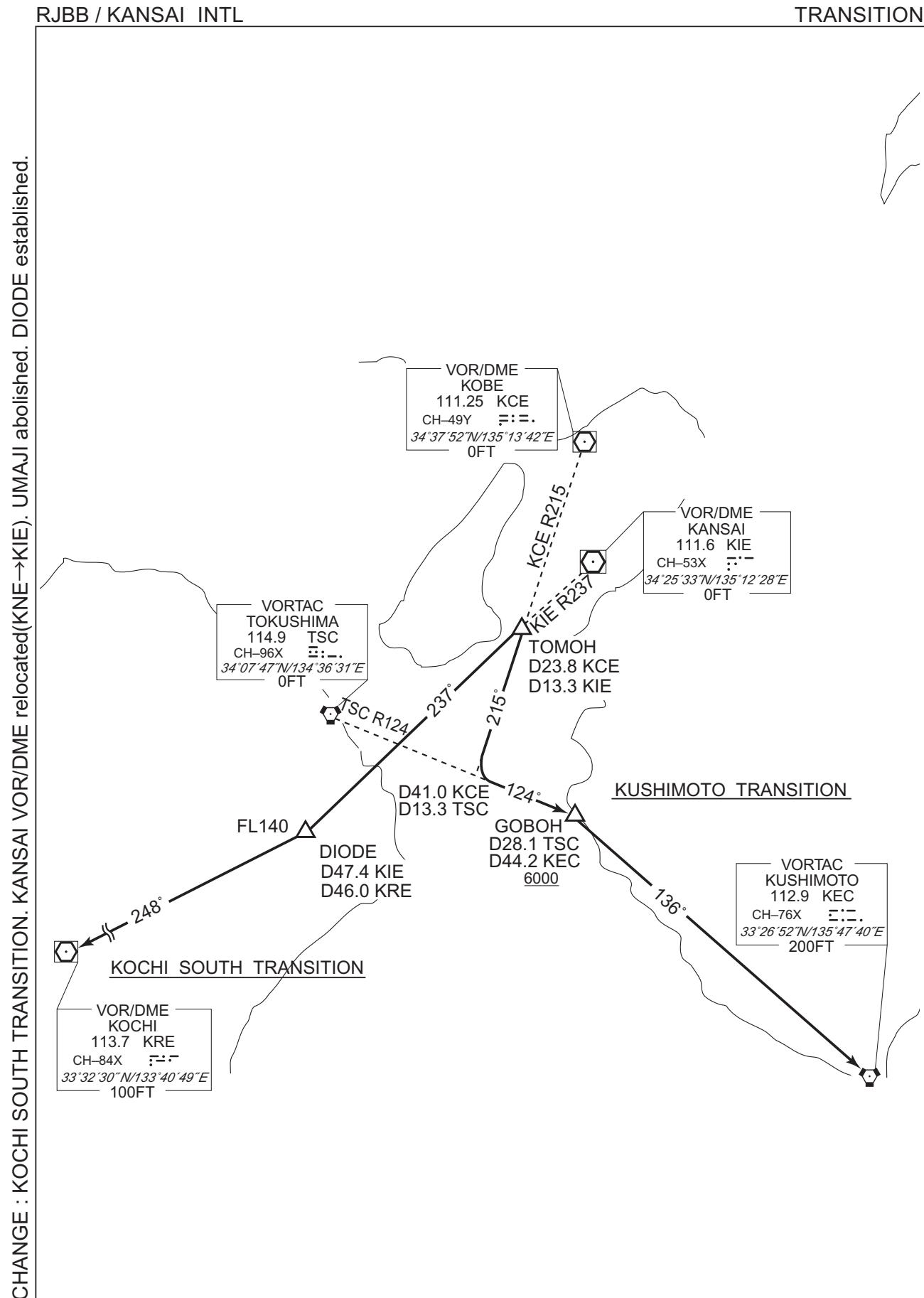
CHANGE : KOCHI SOUTH TRANSITION. KANSAI VOR/DME updated(KNE→KIE).

KUSHIMOTO TRANSITION

From over TOMOH, proceed via KCE R215 to intercept and proceed via TSC R124 to GOBOH, via KEC R316 to KEC VORTAC.

Cross GOBOH at or above 6000FT.

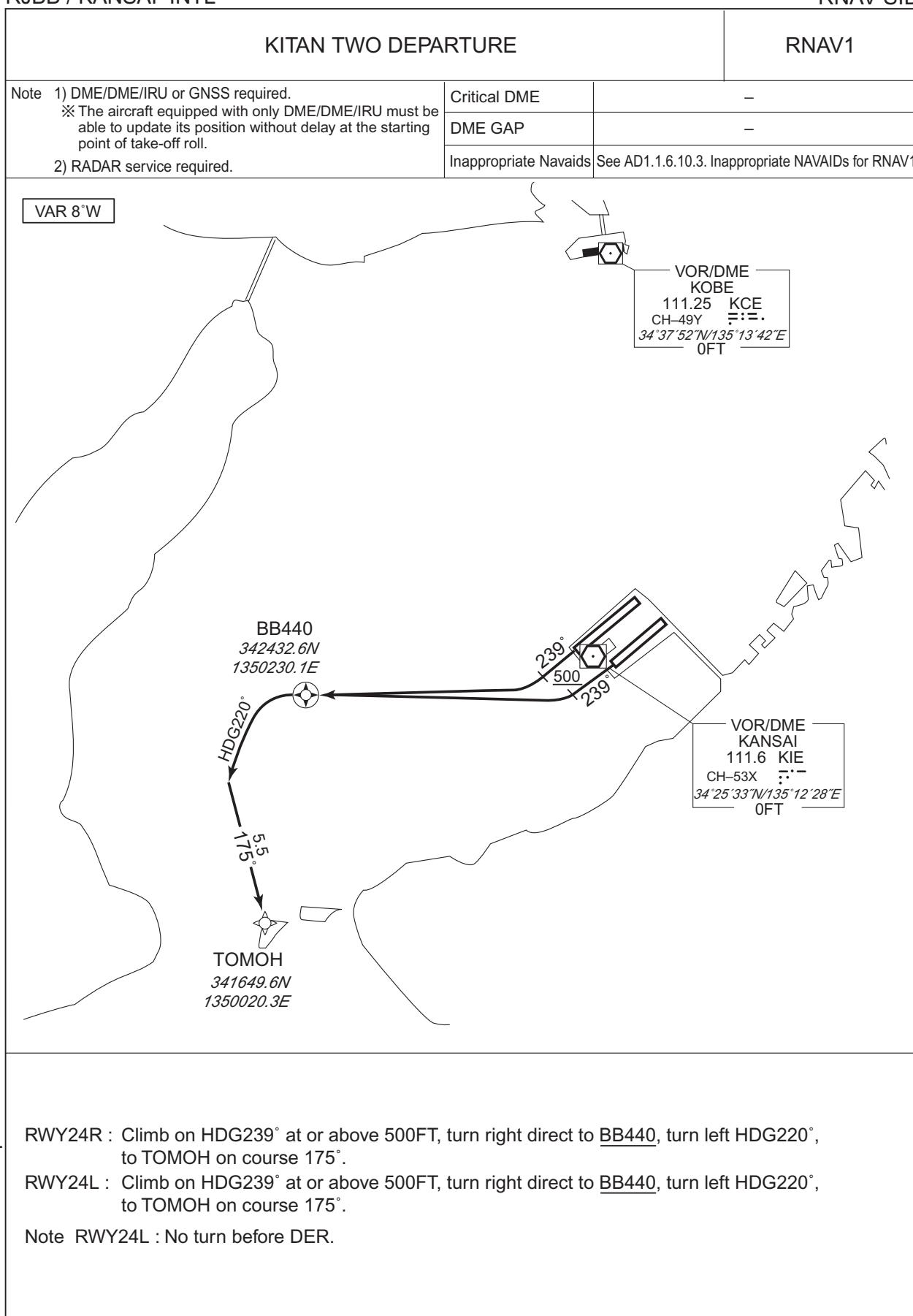
STANDARD DEPARTURE CHART-INSTRUMENT



## STANDARD DEPARTURE CHART - INSTRUMENT

RJBB / KANSAI INTL

RNAV SID



STANDARD DEPARTURE CHART - INSTRUMENT

RJBB / KANSAI INTL

RNAV SID

KITAN TWO DEPARTURE

RWY24R

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	VA	—	—	239 (230.9)	-7.9	—	—	+500	—	—	RNAV1
002	DF	BB440	Y	—	-7.9	—	R	—	—	—	RNAV1
003	VI	—	—	220 (211.8)	-7.9	—	L	—	—	—	RNAV1
004	CF	TOMOH	—	175 (166.8)	-7.9	5.5	—	—	—	—	RNAV1

RWY24L

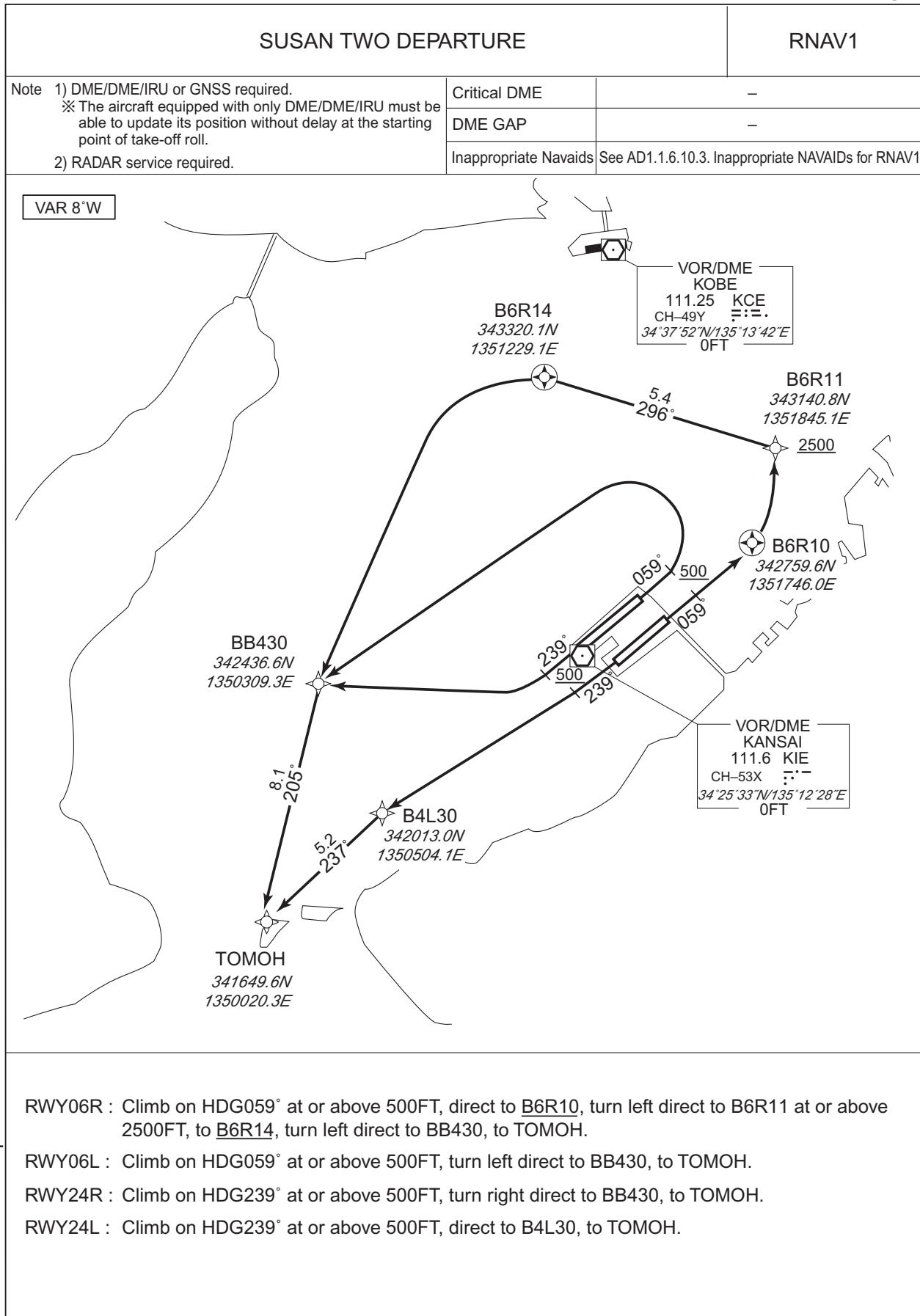
Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	VA	—	—	239 (230.9)	-7.9	—	—	+500	—	—	RNAV1
002	DF	BB440	Y	—	-7.9	—	R	—	—	—	RNAV1
003	VI	—	—	220 (211.8)	-7.9	—	L	—	—	—	RNAV1
004	CF	TOMOH	—	175 (166.8)	-7.9	5.5	—	—	—	—	RNAV1

CHANGE : VAR. PROC renamed. PROC course.

## STANDARD DEPARTURE CHART - INSTRUMENT

RJBB / KANSAI INTL

RNAV SID



STANDARD DEPARTURE CHART - INSTRUMENT

RJBB / KANSAI INTL

RNAV SID

SUSAN TWO DEPARTURE

RWY06R

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	VA	—	—	059 (050.9)	-7.9	—	—	+500	—	—	RNAV1
002	DF	B6R10	Y	—	-7.9	—	—	—	—	—	RNAV1
003	DF	B6R11	—	—	-7.9	—	L	+2500	—	—	RNAV1
004	TF	B6R14	Y	296 (287.8)	-7.9	5.4	—	—	—	—	RNAV1
005	DF	BB430	—	—	-7.9	—	L	—	—	—	RNAV1
006	TF	TOMOH	—	205 (196.6)	-7.9	8.1	—	—	—	—	RNAV1

RWY06L

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	VA	—	—	059 (050.9)	-7.9	—	—	+500	—	—	RNAV1
002	DF	BB430	—	—	-7.9	—	L	—	—	—	RNAV1
003	TF	TOMOH	—	205 (196.6)	-7.9	8.1	—	—	—	—	RNAV1

RWY24R

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	VA	—	—	239 (230.9)	-7.9	—	—	+500	—	—	RNAV1
002	DF	BB430	—	—	-7.9	—	R	—	—	—	RNAV1
003	TF	TOMOH	—	205 (196.6)	-7.9	8.1	—	—	—	—	RNAV1

RWY24L

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	VA	—	—	239 (230.9)	-7.9	—	—	+500	—	—	RNAV1
002	DF	B4L30	—	—	-7.9	—	—	—	—	—	RNAV1
003	TF	TOMOH	—	237 (229.1)	-7.9	5.2	—	—	—	—	RNAV1

CHANGE : VAR. PROC renamed. PROC course.

## STANDARD DEPARTURE CHART - INSTRUMENT

RJBB / KANSAI INTL

RNAV TRANSITION

## TONDA TRANSITION / YOSAK TRANSITION

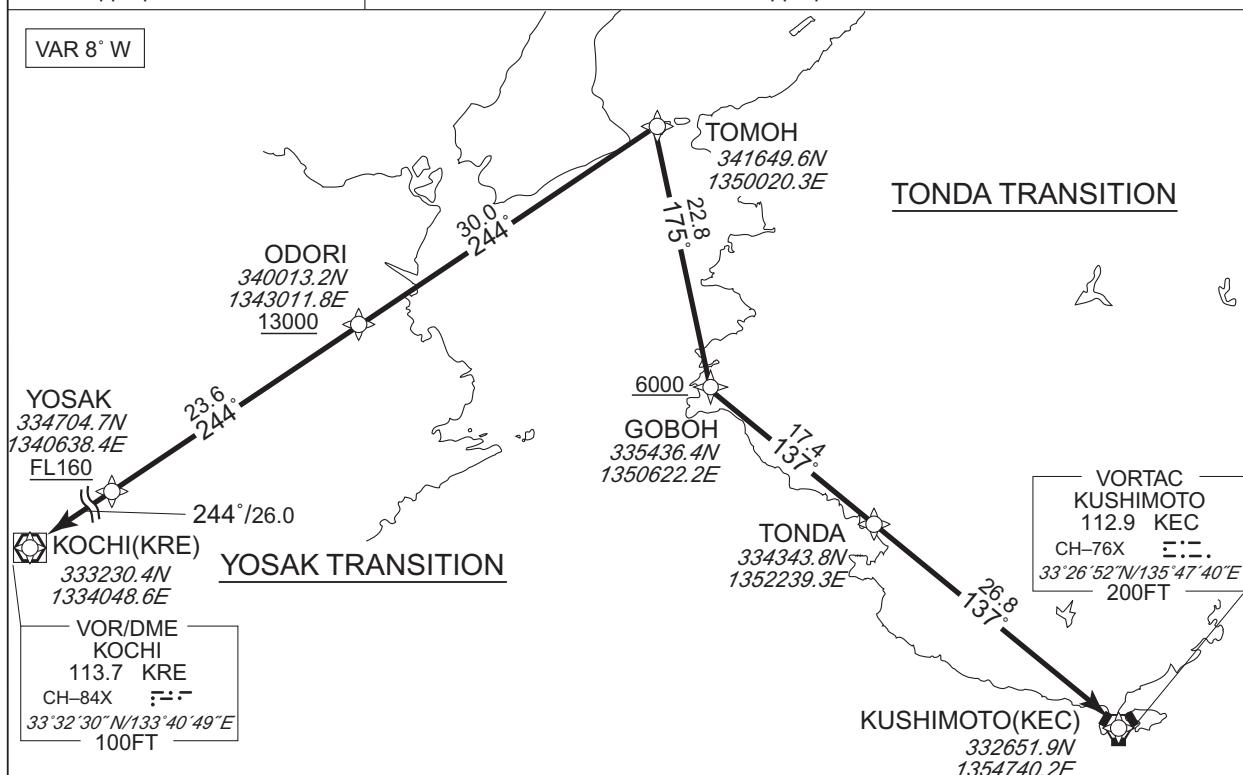
RNAV1

Note 1) DME/DME/IRU or GNSS required. 2) RADAR service required.

Inappropriate Navaids

See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1

VAR 8° W

TONDA TRANSITION

From TOMOH, to GOBOH at or above 6000FT, to TONDA, to KEC.

Critical DME	YME : TOMOH - 20.0NM to GOBOH GBD : 10.0NM to GOBOH - 4.0NM to GOBOH
DME GAP	3.0NM to GOBOH - 10.0NM to TONDA 7.0NM to KEC - KEC

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	IF	TOMOH	-	-	-7.9	-	-	-	-	-	RNAV1
002	TF	GOBOH	-	175 (167.3)	-7.9	22.8	-	+6000	-	-	RNAV1
003	TF	TONDA	-	137 (128.7)	-7.9	17.4	-	-	-	-	RNAV1
004	TF	KEC	-	137 (128.9)	-7.9	26.8	-	-	-	-	RNAV1

CHANGE : Description of VAR.

STANDARD DEPARTURE CHART - INSTRUMENT

RJBB / KANSAI INTL

RNAV TRANSITION

YOSAK TRANSITION

From TOMOH, to ODORI at or above 13000FT, to YOSAK at or above FL160, to KRE.

Critical DME	—
DME GAP	—

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	IF	TOMOH	—	—	-7.9	—	—	—	—	—	RNAV1
002	TF	ODORI	—	244 (236.5)	-7.9	30.0	—	+13000	—	—	RNAV1
003	TF	YOSAK	—	244 (236.2)	-7.9	23.6	—	+FL160	—	—	RNAV1
004	TF	KRE	—	244 (236.0)	-7.9	26.0	—	—	—	—	RNAV1

CHANGE : VAR.

## STANDARD DEPARTURE CHART - INSTRUMENT

RJBB / KANSAI INTL

RNAV SID



STANDARD DEPARTURE CHART - INSTRUMENT

RJBB / KANSAI INTL

RNAV SID

ISPUM ONE DEPARTURE

RWY06R

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	VA	—	—	059 (050.9)	-7.9	—	—	+500	—	—	RNAV1
002	DF	B6R10	Y	—	-7.9	—	—	—	—	—	RNAV1
003	DF	B6R11	—	—	-7.9	—	L	+2500	—	—	RNAV1
004	TF	B6R13	Y	296 (287.8)	-7.9	7.9	—	—	—	—	RNAV1
005	DF	ISPUM	—	—	-7.9	—	L	+8000	—	—	RNAV1

RWY06L

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	VA	—	—	059 (050.9)	-7.9	—	—	+500	—	—	RNAV1
002	DF	B6L20	Y	—	-7.9	—	L	—	—	—	RNAV1
003	DF	ISPUM	—	—	-7.9	—	L	+8000	—	—	RNAV1

RWY24R

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	VA	—	—	239 (230.9)	-7.9	—	—	+500	—	—	RNAV1
002	DF	B4R20	Y	—	-7.9	—	R	—	—	—	RNAV1
003	DF	ISPUM	—	—	-7.9	—	R	+8000	—	—	RNAV1

RWY24L

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	VA	—	—	239 (230.9)	-7.9	—	—	+500	—	—	RNAV1
002	DF	B4L10	Y	—	-7.9	—	—	—	—	—	RNAV1
003	DF	ISPUM	—	—	-7.9	—	R	+8000	—	—	RNAV1

CHANGE : New PROC.

## STANDARD DEPARTURE CHART - INSTRUMENT

RJBB / KANSAI INTL

RNAV TRANSITION

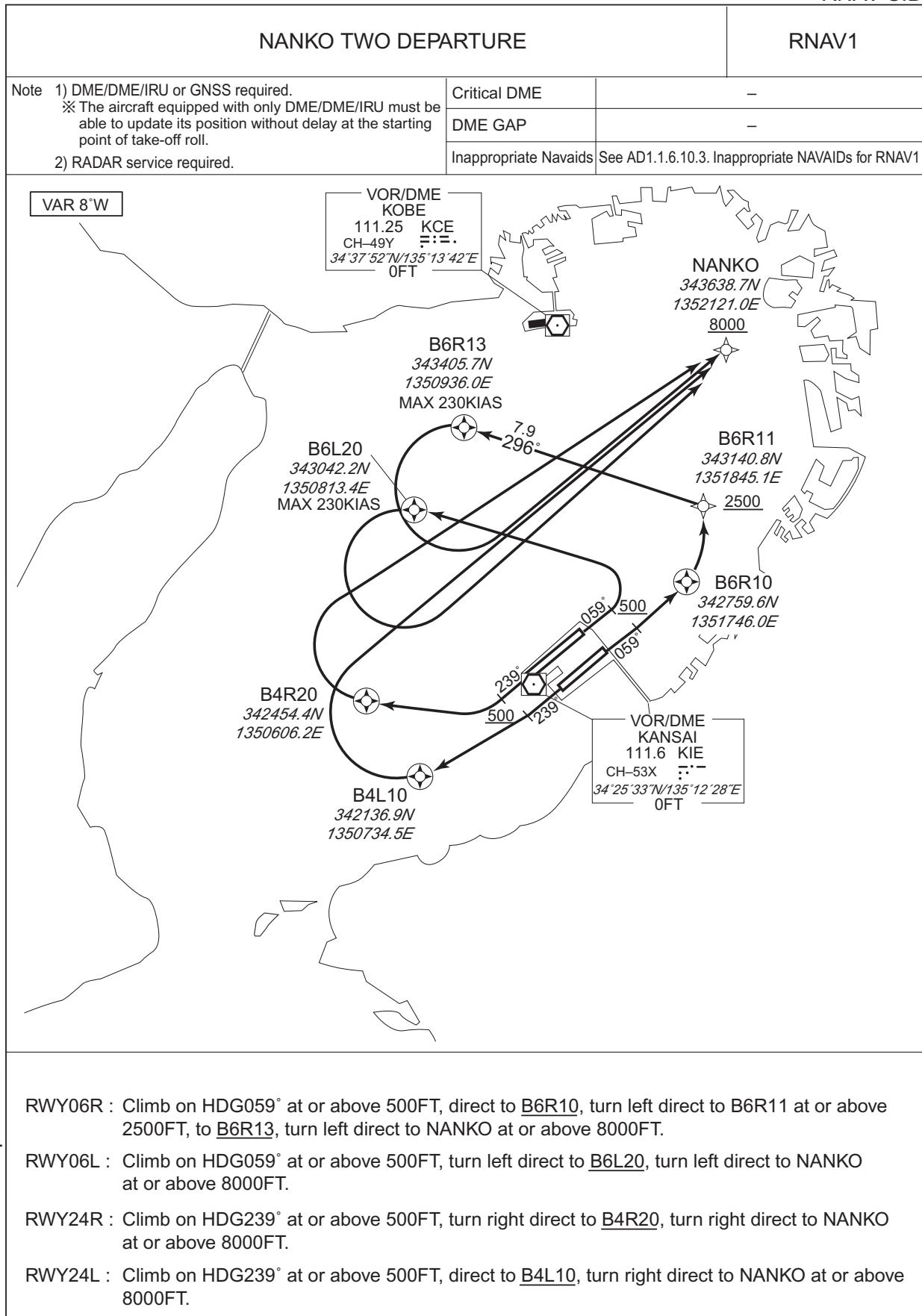
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VAR 8° W																																																																																																																													
<p><b>BAMBI TRANSITION</b> From ISPUM, to NARAH. From NARAH, to YAGYU. <b>SHTLE TRANSITION</b> From YAGYU, to SHTLE. <b>UENOH TRANSITION</b> From ISPUM, to NARAH, to UENOH, to GUJYO.</p> <table border="1"> <thead> <tr> <th colspan="2">Critical DME</th> <th>—</th> </tr> <tr> <th colspan="2">DME GAP</th> <th>—</th> </tr> </thead> <tbody> <tr> <td>Critical DME</td><td>DME GAP</td><td>—</td></tr> </tbody> </table> <table border="1"> <thead> <tr> <th>Serial Number</th> <th>Path Descriptor</th> <th>Waypoint Identifier</th> <th>Fly Over</th> <th>Course °M(°T)</th> <th>Magnetic Variation</th> <th>Distance (NM)</th> <th>Turn Direction</th> <th>Altitude (FT)</th> <th>Speed (KIAS)</th> <th>Vertical Angle</th> <th>Navigation Specification</th> </tr> </thead> <tbody> <tr> <td>001</td> <td>IF</td> <td>ISPUM</td> <td>—</td> <td>—</td> <td>-7.9</td> <td>—</td> <td>—</td> <td>—</td> <td>—</td> <td>—</td> <td>RNAV1</td> </tr> <tr> <td>002</td> <td>TF</td> <td>NARAH</td> <td>—</td> <td>087 (078.8)</td> <td>-7.9</td> <td>21.8</td> <td>—</td> <td>—</td> <td>—</td> <td>—</td> <td>RNAV1</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th colspan="2">Critical DME</th> <th>—</th> </tr> <tr> <th colspan="2">DME GAP</th> <th>—</th> </tr> </thead> <tbody> <tr> <td>Critical DME</td><td>DME GAP</td><td>—</td></tr> </tbody> </table> <table border="1"> <thead> <tr> <th>Serial Number</th> <th>Path Descriptor</th> <th>Waypoint Identifier</th> <th>Fly Over</th> <th>Course °M(°T)</th> <th>Magnetic Variation</th> <th>Distance (NM)</th> <th>Turn Direction</th> <th>Altitude (FT)</th> <th>Speed (KIAS)</th> <th>Vertical Angle</th> <th>Navigation Specification</th> </tr> </thead> <tbody> <tr> <td>001</td> <td>IF</td> <td>ISPUM</td> <td>—</td> <td>—</td> <td>-7.9</td> <td>—</td> <td>—</td> <td>—</td> <td>—</td> <td>—</td> <td>RNAV1</td> </tr> <tr> <td>002</td> <td>TF</td> <td>NARAH</td> <td>—</td> <td>087 (078.8)</td> <td>-7.9</td> <td>21.8</td> <td>—</td> <td>—</td> <td>—</td> <td>—</td> <td>RNAV1</td> </tr> <tr> <td>003</td> <td>TF</td> <td>YAGYU</td> <td>—</td> <td>087 (078.8)</td> <td>-7.9</td> <td>13.9</td> <td>—</td> <td>—</td> <td>—</td> <td>—</td> <td>RNAV1</td> </tr> <tr> <td>004</td> <td>TF</td> <td>SHTLE</td> <td>—</td> <td>078 (070.3)</td> <td>-7.9</td> <td>51.7</td> <td>—</td> <td>—</td> <td>—</td> <td>—</td> <td>RNAV1</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th colspan="2">Critical DME</th> <th>KCC : 32.0NM to GUJYO - 24.0NM to GUJYO</th> </tr> <tr> <th colspan="2">DME GAP</th> <th>—</th> </tr> </thead> <tbody> <tr> <td>Critical DME</td><td>DME GAP</td><td>—</td></tr> </tbody> </table>			Critical DME		—	DME GAP		—	Critical DME	DME GAP	—	Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification	001	IF	ISPUM	—	—	-7.9	—	—	—	—	—	RNAV1	002	TF	NARAH	—	087 (078.8)	-7.9	21.8	—	—	—	—	RNAV1	Critical DME		—	DME GAP		—	Critical DME	DME GAP	—	Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification	001	IF	ISPUM	—	—	-7.9	—	—	—	—	—	RNAV1	002	TF	NARAH	—	087 (078.8)	-7.9	21.8	—	—	—	—	RNAV1	003	TF	YAGYU	—	087 (078.8)	-7.9	13.9	—	—	—	—	RNAV1	004	TF	SHTLE	—	078 (070.3)	-7.9	51.7	—	—	—	—	RNAV1	Critical DME		KCC : 32.0NM to GUJYO - 24.0NM to GUJYO	DME GAP		—	Critical DME	DME GAP	—
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Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification																																																																																																																		
001	IF	ISPUM	—	—	-7.9	—	—	—	—	—	RNAV1																																																																																																																		
002	TF	NARAH	—	087 (078.8)	-7.9	21.8	—	—	—	—	RNAV1																																																																																																																		
Critical DME		—																																																																																																																											
DME GAP		—																																																																																																																											
Critical DME	DME GAP	—																																																																																																																											
Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification																																																																																																																		
001	IF	ISPUM	—	—	-7.9	—	—	—	—	—	RNAV1																																																																																																																		
002	TF	NARAH	—	087 (078.8)	-7.9	21.8	—	—	—	—	RNAV1																																																																																																																		
003	TF	YAGYU	—	087 (078.8)	-7.9	13.9	—	—	—	—	RNAV1																																																																																																																		
004	TF	SHTLE	—	078 (070.3)	-7.9	51.7	—	—	—	—	RNAV1																																																																																																																		
Critical DME		KCC : 32.0NM to GUJYO - 24.0NM to GUJYO																																																																																																																											
DME GAP		—																																																																																																																											
Critical DME	DME GAP	—																																																																																																																											

CHANGE : Description of VAR.

STANDARD DEPARTURE CHART - INSTRUMENT

RJBB / KANSAI INTL

RNAV SID



## STANDARD DEPARTURE CHART - INSTRUMENT

RJBB / KANSAI INTL

RNAV SID

NANKO TWO DEPARTURE

## RWY06R

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	VA	—	—	059 (050.9)	-7.9	—	—	+500	—	—	RNAV1
002	DF	B6R10	Y	—	-7.9	—	—	—	—	—	RNAV1
003	DF	B6R11	—	—	-7.9	—	L	+2500	—	—	RNAV1
004	TF	B6R13	Y	296 (287.8)	-7.9	7.9	—	—	-230	—	RNAV1
005	DF	NANKO	—	—	-7.9	—	L	+8000	—	—	RNAV1

## RWY06L

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	VA	—	—	059 (050.9)	-7.9	—	—	+500	—	—	RNAV1
002	DF	B6L20	Y	—	-7.9	—	L	—	-230	—	RNAV1
003	DF	NANKO	—	—	-7.9	—	L	+8000	—	—	RNAV1

## RWY24R

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	VA	—	—	239 (230.9)	-7.9	—	—	+500	—	—	RNAV1
002	DF	B4R20	Y	—	-7.9	—	R	—	—	—	RNAV1
003	DF	NANKO	—	—	-7.9	—	R	+8000	—	—	RNAV1

## RWY24L

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	VA	—	—	239 (230.9)	-7.9	—	—	+500	—	—	RNAV1
002	DF	B4L10	Y	—	-7.9	—	—	—	—	—	RNAV1
003	DF	NANKO	—	—	-7.9	—	R	+8000	—	—	RNAV1

CHANGE : VAR, PROC renamed. PROC course.

STANDARD DEPARTURE CHART - INSTRUMENT

RJBB / KANSAI INTL

RNAV TRANSITION

SIGAK TRANSITION / NAGOYA TRANSITION

RNAV1

Note 1) DME/DME/IRU or GNSS required. 2) RADAR service required.

Inappropriate Navaids

See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1

VAR 8° W

SIGAK TRANSITION



SIGAK TRANSITION

From NANKO, to OGURA, to KYOTO, to SIGAK, to GUJYO.

Critical DME	ITE : 8.0NM to SIGAK - 5.0NM to SIGAK SIGAK - 30.0NM to GUJYO YME : 33.0NM to GUJYO - 30.0NM to GUJYO XMT : 20.0NM to GUJYO - 13.0NM to GUJYO
DME GAP	-

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	IF	NANKO	—	—	-7.9	—	—	—	—	—	RNAV1
002	TF	OGURA	—	051 (043.4)	-7.9	15.6	—	—	—	—	RNAV1
003	TF	KYOTO	—	086 (077.7)	-7.9	8.7	—	—	—	—	RNAV1
004	TF	SIGAK	—	085 (077.4)	-7.9	15.2	—	—	—	—	RNAV1
005	TF	GUJYO	—	050 (042.0)	-7.9	38.7	—	—	—	—	RNAV1

NAGOYA TRANSITION

From NANKO, to OGURA, to KYOTO, to SIGAK, to KCC.

Critical DME	ITE : 8.0NM to SIGAK - 5.0NM to SIGAK
DME GAP	-

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	IF	NANKO	—	—	-7.9	—	—	—	—	—	RNAV1
002	TF	OGURA	—	051 (043.4)	-7.9	15.6	—	—	—	—	RNAV1
003	TF	KYOTO	—	086 (077.7)	-7.9	8.7	—	—	—	—	RNAV1
004	TF	SIGAK	—	085 (077.4)	-7.9	15.2	—	—	—	—	RNAV1
005	TF	KCC	—	069 (061.6)	-7.9	48.3	—	—	—	—	RNAV1

CHANGE : Description of VAR.

## STANDARD DEPARTURE CHART - INSTRUMENT

RJBB / KANSAI INTL

RNAV SID

## HELEN TWO DEPARTURE

RNAV1

Note 1) DME/DME/IRU or GNSS required. ※ The aircraft equipped with only DME/DME/IRU must be able to update its position without delay at the starting point of take-off roll. 2) RADAR service required.	Critical DME	-
	DME GAP	-
	Inappropriate Navaids	See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1



CHANGE : Description of VAR and PROC name.

RWY06R : Climb on HDG059° at or above 500FT, direct to B6R10, turn left direct to B6R11 at or above 2500FT, to HELEN, to MAIKO.

RWY06L : Climb on HDG059° at or above 500FT, turn left direct to HELEN, to MAIKO.

RWY24R : Climb on HDG239° at or above 500FT, turn right direct to BB430, to HELEN at or above 8000FT, to MAIKO.

RWY24L : Climb on HDG239° at or above 500FT, direct to B4L10, turn right direct to BB430, to HELEN at or above 8000FT, to MAIKO.

STANDARD DEPARTURE CHART - INSTRUMENT

RJBB / KANSAI INTL

RNAV SID

HELEN TWO DEPARTURE

RWY06R

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	VA	—	—	059 (050.9)	-7.9	—	—	+500	—	—	RNAV1
002	DF	B6R10	Y	—	-7.9	—	—	—	—	—	RNAV1
003	DF	B6R11	—	—	-7.9	—	L	+2500	—	—	RNAV1
004	TF	HELEN	—	296 (287.8)	-7.9	10.3	—	—	—	—	RNAV1
005	TF	MAIKO	—	296 (287.7)	-7.9	6.1	—	—	—	—	RNAV1

RWY06L

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	VA	—	—	059 (050.9)	-7.9	—	—	+500	—	—	RNAV1
002	DF	HELEN	—	—	-7.9	—	L	—	—	—	RNAV1
003	TF	MAIKO	—	296 (287.7)	-7.9	6.1	—	—	—	—	RNAV1

RWY24R

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	VA	—	—	239 (230.9)	-7.9	—	—	+500	—	—	RNAV1
002	DF	BB430	—	—	-7.9	—	R	—	-210	—	RNAV1
003	TF	HELEN	—	025 (016.6)	-7.9	10.7	—	+8000	—	—	RNAV1
004	TF	MAIKO	—	296 (287.7)	-7.9	6.1	—	—	—	—	RNAV1

RWY24L

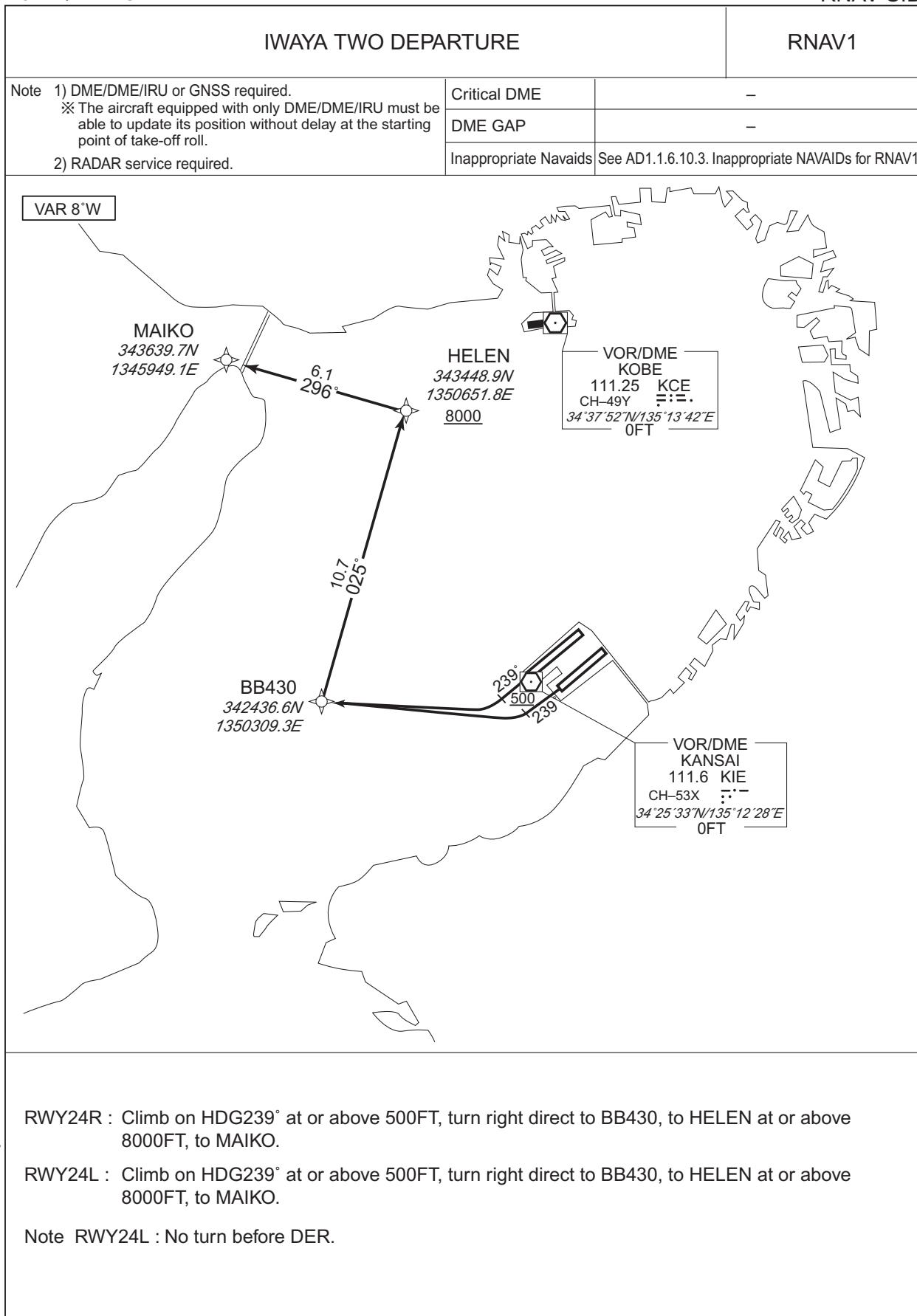
Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	VA	—	—	239 (230.9)	-7.9	—	—	+500	—	—	RNAV1
002	DF	B4L10	Y	—	-7.9	—	—	—	—	—	RNAV1
003	DF	BB430	—	—	-7.9	—	R	—	-210	—	RNAV1
004	TF	HELEN	—	025 (016.6)	-7.9	10.7	—	+8000	—	—	RNAV1
005	TF	MAIKO	—	296 (287.7)	-7.9	6.1	—	—	—	—	RNAV1

CHANGE : VAR. PROC renamed. PROC course.

## STANDARD DEPARTURE CHART - INSTRUMENT

RJBB / KANSAI INTL

RNAV SID



STANDARD DEPARTURE CHART - INSTRUMENT

RJBB / KANSAI INTL

RNAV SID

IWAYA TWO DEPARTURE

RWY24R

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	VA	—	—	239 (230.9)	-7.9	—	—	+500	—	—	RNAV1
002	DF	BB430	—	—	-7.9	—	R	—	—	—	RNAV1
003	TF	HELEN	—	025 (016.6)	-7.9	10.7	—	+8000	—	—	RNAV1
004	TF	MAIKO	—	296 (287.7)	-7.9	6.1	—	—	—	—	RNAV1

RWY24L

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	VA	—	—	239 (230.9)	-7.9	—	—	+500	—	—	RNAV1
002	DF	BB430	—	—	-7.9	—	R	—	—	—	RNAV1
003	TF	HELEN	—	025 (016.6)	-7.9	10.7	—	+8000	—	—	RNAV1
004	TF	MAIKO	—	296 (287.7)	-7.9	6.1	—	—	—	—	RNAV1

CHANGE : VAR. PROC renamed. PROC course.

## STANDARD DEPARTURE CHART - INSTRUMENT

RJBB / KANSAI INTL

RNAV TRANSITION

SHION TRANSITION / SOUJA TRANSITION / WASYU TRANSITION / HABAR TRANSITION

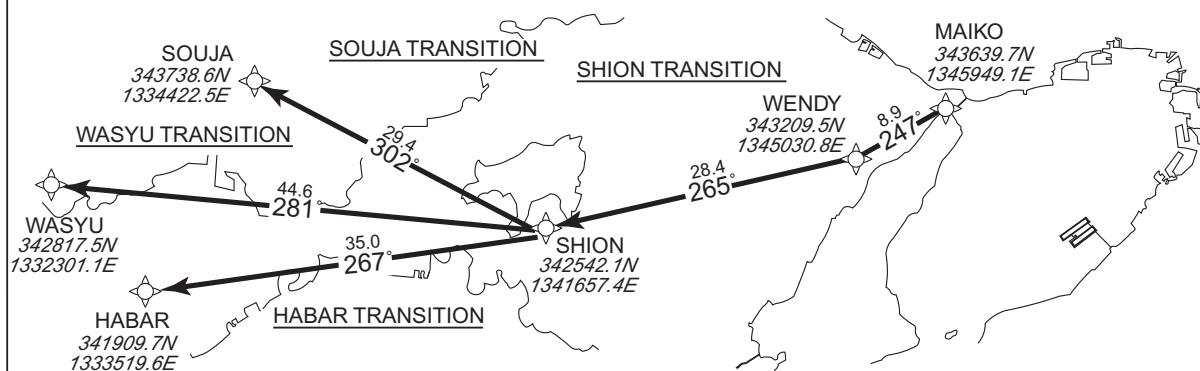
RNAV1

Note 1) DME/DME/IRU or GNSS required. 2) RADAR service required.

Inappropriate Navaids

See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1

VAR 8° W



## SHION TRANSITION

From MAIKO, to WENDY, to SHION.

Critical DME	-
DME GAP	-

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	IF	MAIKO	-	-	-7.9	-	-	-	-	-	RNAV1
002	TF	WENDY	-	247 (239.6)	-7.9	8.9	-	-	-	-	RNAV1
003	TF	SHION	-	265 (257.0)	-7.9	28.4	-	-	-	-	RNAV1

## SOUJA TRANSITION

From MAIKO, to WENDY, to SHION, to SOUJA.

Critical DME	-
DME GAP	-

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	IF	MAIKO	-	-	-7.9	-	-	-	-	-	RNAV1
002	TF	WENDY	-	247 (239.6)	-7.9	8.9	-	-	-	-	RNAV1
003	TF	SHION	-	265 (257.0)	-7.9	28.4	-	-	-	-	RNAV1
004	TF	SOUJA	-	302 (294.1)	-7.9	29.4	-	-	-	-	RNAV1

## WASYU TRANSITION

From MAIKO, to WENDY, to SHION, to WASYU.

Critical DME	-
DME GAP	-

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	IF	MAIKO	-	-	-7.9	-	-	-	-	-	RNAV1
002	TF	WENDY	-	247 (239.6)	-7.9	8.9	-	-	-	-	RNAV1
003	TF	SHION	-	265 (257.0)	-7.9	28.4	-	-	-	-	RNAV1
004	TF	WASYU	-	281 (273.6)	-7.9	44.6	-	-	-	-	RNAV1

## HABAR TRANSITION

From MAIKO, to WENDY, to SHION, to HABAR.

Critical DME	-
DME GAP	-

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	IF	MAIKO	-	-	-7.9	-	-	-	-	-	RNAV1
002	TF	WENDY	-	247 (239.6)	-7.9	8.9	-	-	-	-	RNAV1
003	TF	SHION	-	265 (257.0)	-7.9	28.4	-	-	-	-	RNAV1
004	TF	HABAR	-	267 (259.4)	-7.9	35.0	-	-	-	-	RNAV1

CHANGE : Description of VAR.

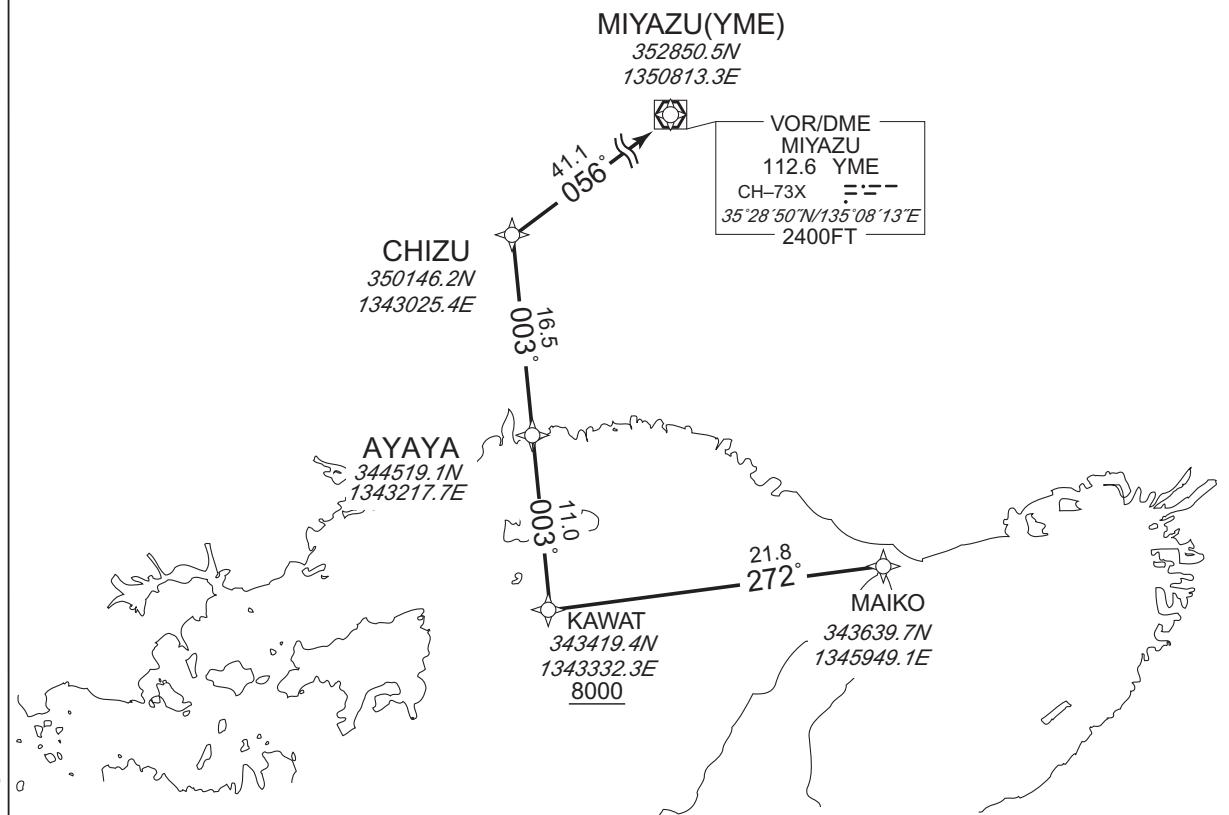
STANDARD DEPARTURE CHART - INSTRUMENT

RJBB / KANSAI INTL

RNAV TRANSITION

CHIZU TRANSITION		RNAV1
Note 1) DME/DME/IRU or GNSS required. 2) RADAR service required.	Critical DME	-
	DME GAP	-
	Inappropriate Navaids	See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1.

VAR 8° W



CHANGE : Description of VAR and PROC name.

From MAIKO, to KAWAT at or above 8000FT, to AYAYA, to CHIZU, to YME.

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	IF	MAIKO	-	-	-7.9	-	-	-	-	-	RNAV1
002	TF	KAWAT	-	272 (264.0)	-7.9	21.8	-	+8000	-	-	RNAV1
003	TF	AYAYA	-	003 (354.7)	-7.9	11.0	-	-	-	-	RNAV1
004	TF	CHIZU	-	003 (354.7)	-7.9	16.5	-	-	-	-	RNAV1
005	TF	YME	-	056 (048.6)	-7.9	41.1	-	-	-	-	RNAV1

## STANDARD DEPARTURE CHART - INSTRUMENT

RJBB / KANSAI INTL

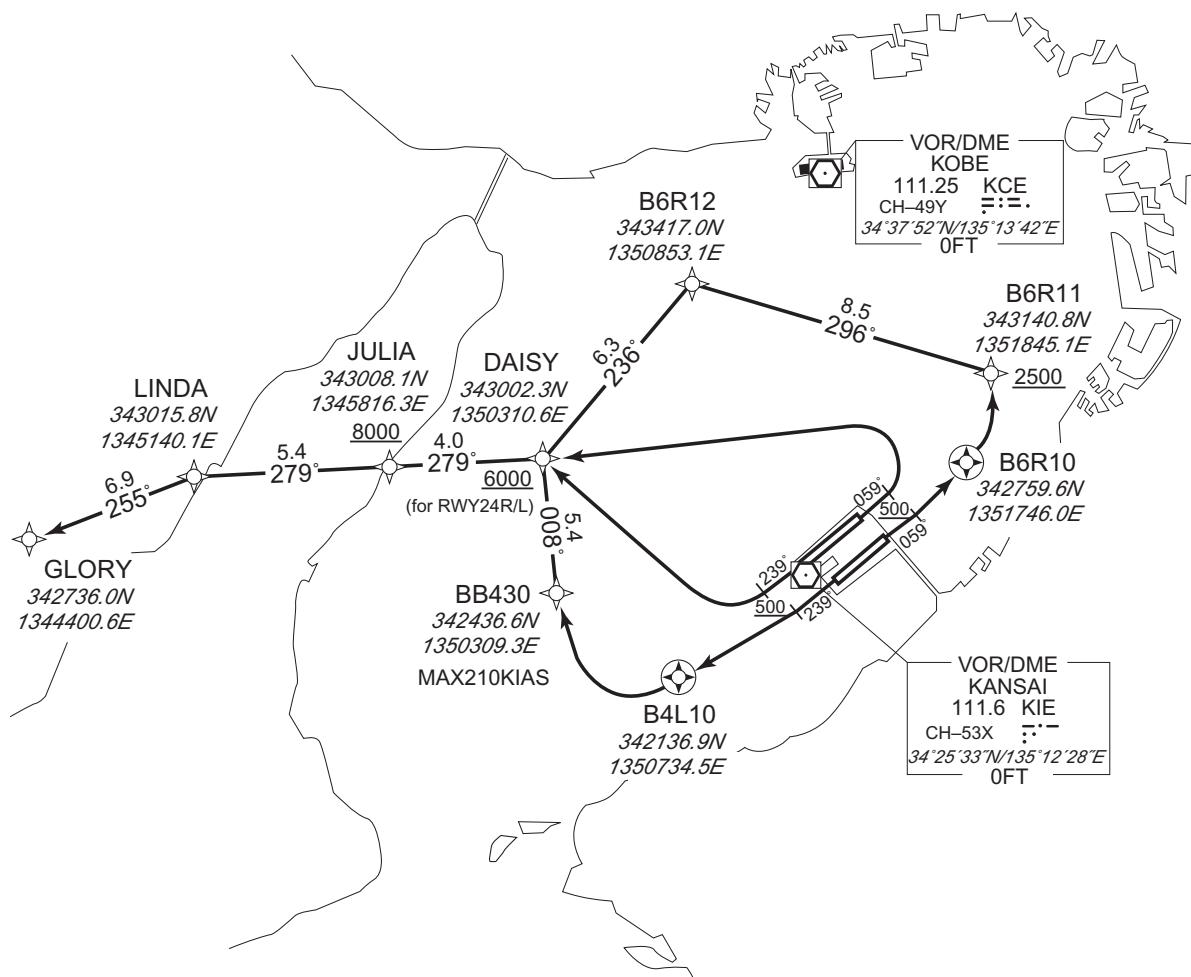
RNAV SID

## DAISY TWO DEPARTURE

RNAV1

Note 1) DME/DME/IRU or GNSS required. ※ The aircraft equipped with only DME/DME/IRU must be able to update its position without delay at the starting point of take-off roll. 2) RADAR service required.	Critical DME	-
	DME GAP	-
	Inappropriate Navaids	See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1

VAR 8°W



CHANGE : Description of VAR and PROC name.

RWY06R : Climb on HDG059° at or above 500FT, direct to B6R10, turn left direct to B6R11 at or above 2500FT, to B6R12, to DAISY, to JULIA at or above 8000FT, to LINDA, to GLORY.

RWY06L : Climb on HDG059° at or above 500FT, turn left direct to DAISY, to JULIA at or above 8000FT, to LINDA, to GLORY.

RWY24R : Climb on HDG239° at or above 500FT, turn right direct to DAISY at or above 6000FT, to JULIA at or above 8000FT, to LINDA, to GLORY.

RWY24L : Climb on HDG239° at or above 500FT, direct to B4L10, turn right direct to BB430, to DAISY at or above 6000FT, to JULIA at or above 8000FT, to LINDA, to GLORY.

STANDARD DEPARTURE CHART - INSTRUMENT

RJBB / KANSAI INTL

RNAV SID

DAISY TWO DEPARTURE

RWY06R

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	VA	—	—	059 (050.9)	-7.9	—	—	+500	—	—	RNAV1
002	DF	B6R10	Y	—	-7.9	—	—	—	—	—	RNAV1
003	DF	B6R11	—	—	-7.9	—	L	+2500	—	—	RNAV1
004	TF	B6R12	—	296 (287.8)	-7.9	8.5	—	—	—	—	RNAV1
005	TF	DAISY	—	236 (227.9)	-7.9	6.3	—	—	—	—	RNAV1
006	TF	JULIA	—	279 (271.4)	-7.9	4.0	—	+8000	—	—	RNAV1
007	TF	LINDA	—	279 (271.4)	-7.9	5.4	—	—	—	—	RNAV1
008	TF	GLORY	—	255 (247.2)	-7.9	6.9	—	—	—	—	RNAV1

RWY06L

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	VA	—	—	059 (050.9)	-7.9	—	—	+500	—	—	RNAV1
002	DF	DAISY	—	—	-7.9	—	L	—	—	—	RNAV1
003	TF	JULIA	—	279 (271.4)	-7.9	4.0	—	+8000	—	—	RNAV1
004	TF	LINDA	—	279 (271.4)	-7.9	5.4	—	—	—	—	RNAV1
005	TF	GLORY	—	255 (247.2)	-7.9	6.9	—	—	—	—	RNAV1

CHANGE : VAR. PROC renamed. PROC course.

## STANDARD DEPARTURE CHART - INSTRUMENT

RJBB / KANSAI INTL

RNAV SID

## RWY24R

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	VA	—	—	239 (230.9)	-7.9	—	—	+500	—	—	RNAV1
002	DF	DAISY	—	—	-7.9	—	R	+6000	—	—	RNAV1
003	TF	JULIA	—	279 (271.4)	-7.9	4.0	—	+8000	—	—	RNAV1
004	TF	LINDA	—	279 (271.4)	-7.9	5.4	—	—	—	—	RNAV1
005	TF	GLORY	—	255 (247.2)	-7.9	6.9	—	—	—	—	RNAV1

## RWY24L

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	VA	—	—	239 (230.9)	-7.9	—	—	+500	—	—	RNAV1
002	DF	B4L10	Y	—	-7.9	—	—	—	—	—	RNAV1
003	DF	BB430	—	—	-7.9	—	R	—	-210	—	RNAV1
004	TF	DAISY	—	008 (000.2)	-7.9	5.4	—	+6000	—	—	RNAV1
005	TF	JULIA	—	279 (271.4)	-7.9	4.0	—	+8000	—	—	RNAV1
006	TF	LINDA	—	279 (271.4)	-7.9	5.4	—	—	—	—	RNAV1
007	TF	GLORY	—	255 (247.2)	-7.9	6.9	—	—	—	—	RNAV1

CHANGE : VAR. PROC course.

STANDARD DEPARTURE CHART - INSTRUMENT

RJBB / KANSAI INTL

RNAV TRANSITION

HIBIS TRANSITION		RNAV1									
Note 1) DME/DME/IRU or GNSS required. 2) RADAR service required.											
Inappropriate Navaids	See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1										
From GLORY, to HIBIS.	Critical DME	-									
	DME GAP	-									
Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	IF	GLORY	-	-	-7.9	-	-	-	-	-	RNAV1
002	TF	HIBIS	-	255 (247.3)	-7.9	32.7	-	-	-	-	RNAV1

CHANGE : Description of VARR and PROC name.

STANDARD ARRIVAL CHART - INSTRUMENT

RJBB / KANSAI INTL

STAR

AKASI ARRIVAL

From over TSC VORTAC, proceed via TSC R021 to AKASI, via KCE R272 to MAIKO, via YOE R279 to MAYAH.  
Cross MAYAH at 4000FT.



## STANDARD ARRIVAL CHART - INSTRUMENT

RJBB / KANSAI INTL

STAR

GATES ARRIVAL

From over TSC VORTAC, proceed via TSC R093 to GATES.  
Cross GATES at or above 4000FT.

CHANGE : Description of PROC name.



STANDARD ARRIVAL CHART - INSTRUMENT

RJBB / KANSAI INTL

RNAV STAR RWY06R/06L



ALVIS ARRIVAL

From ISPUM at or above 8000FT, to EBONY, to DOGGY, to CEYLN, to ALVIS at or above 3000FT.

Critical DME	-
DME GAP	-
Inappropriate Navaids	See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	IF	ISPUM	-	-	-8.0	-	-	+8000	-	-	RNAV1
002	TF	EBONY	-	282 (274.2)	-8.0	14.6	-	-	-210	-	RNAV1
003	TF	DOGGY	-	192 (184.0)	-8.0	3.4	-	-	-	-	RNAV1
004	TF	CEYLN	-	173 (164.6)	-8.0	3.4	-	-	-	-	RNAV1
005	TF	ALVIS	-	149 (141.0)	-8.0	4.3	-	+3000	-	-	RNAV1

Path	Waypoint Identifier	Inbound Course °M(°T)	Magnetic Variation	Outbound Time (MIN)	Outbound Distance (NM)	Turn Direction	Minimum Altitude (FT)	Maximum Altitude (FT)	Speed (KIAS)	Navigation Specification
HOLD	ISPUM	282 (274.2)	-8.0	1.0(-14000) 1.5(+14001)	-	R	8000	-	-230(-14000) -240(+14001)	RNAV1

CHANGE : Description of VAR.

## STANDARD ARRIVAL CHART - INSTRUMENT

RJBB / KANSAI INTL

RNAV STAR RWY06R/06L

BURTN ARRIVAL

From ISPUM at or above 8000FT, to EBONY, to DOGGY, to CEYLN, to BURTN at or above 2000FT.

Critical DME	-
DME GAP	-
Inappropriate Navaids	See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	IF	ISPUM	-	-	-8.0	-	-	+8000	-	-	RNAV1
002	TF	EBONY	-	282 (274.2)	-8.0	14.6	-	-	-210	-	RNAV1
003	TF	DOGGY	-	192 (184.0)	-8.0	3.4	-	-	-	-	RNAV1
004	TF	CEYLN	-	173 (164.6)	-8.0	3.4	-	-	-	-	RNAV1
005	TF	BURTN	-	149 (141.0)	-8.0	3.1	-	+2000	-	-	RNAV1

Path	Waypoint Identifier	Inbound Course °M(°T)	Magnetic Variation	Outbound Time (MIN)	Outbound Distance (NM)	Turn Direction	Minimum Altitude (FT)	Maximum Altitude (FT)	Speed (KIAS)	Navigation Specification
HOLD	ISPUM	282 (274.2)	-8.0	1.0(-14000) 1.5(+14001)	-	R	8000	-	-230(-14000) -240(+14001)	RNAV1

CHANGE : VAR. Course FM DOGGY to CEYLN.

STANDARD ARRIVAL CHART - INSTRUMENT

RJBB / KANSAI INTL

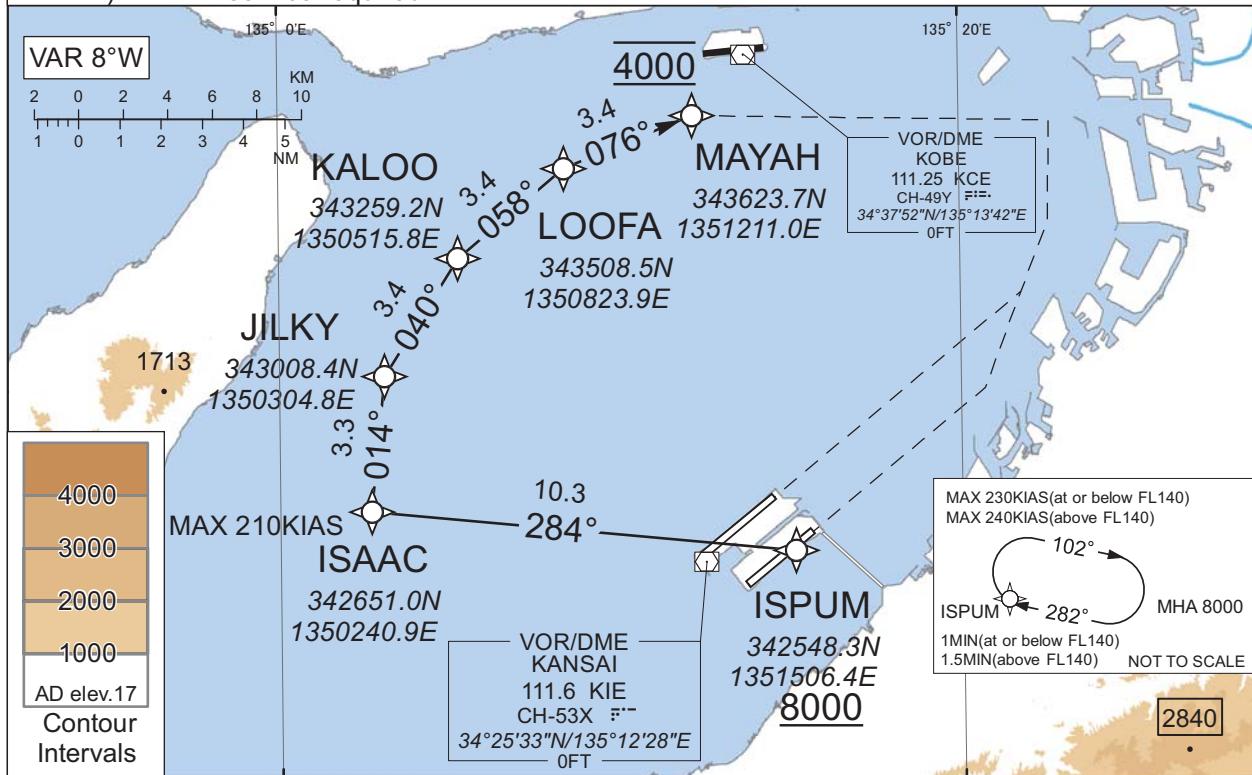
RNAV STAR RWY24R/24L

MAYAH ARRIVAL

RNAV1

Note 1) DME/DME/IRU or GNSS required.

2) RADAR service required.



From ISPUM at or above 8000FT, to ISAAC, to JILKY, to KALOO, to LOOFA, to MAYAH at 4000FT.

Critical DME	-
DME GAP	-
Inappropriate Navaids	See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	IF	ISPUM	-	-	-8.0	-	-	+8000	-	-	RNAV1
002	TF	ISAAC	-	284 (275.9)	-8.0	10.3	-	-	-210	-	RNAV1
003	TF	JILKY	-	014 (005.7)	-8.0	3.3	-	-	-	-	RNAV1
004	TF	KALOO	-	040 (032.3)	-8.0	3.4	-	-	-	-	RNAV1
005	TF	LOOFA	-	058 (050.1)	-8.0	3.4	-	-	-	-	RNAV1
006	TF	MAYAH	-	076 (068.1)	-8.0	3.4	-	4000	-	-	RNAV1

Path	Waypoint Identifier	Inbound Course °M(°T)	Magnetic Variation	Outbound Time (MIN)	Outbound Distance (NM)	Turn Direction	Minimum Altitude (FT)	Maximum Altitude (FT)	Speed (KIAS)	Navigation Specification
HOLD	ISPUM	282 (274.2)	-8.0	1.0(-14000) 1.5(+14001)	-	R	8000	-	-230(-14000) -240(+14001)	RNAV1

CHANGE : Description of VAR and PROC name.

## STANDARD ARRIVAL CHART - INSTRUMENT

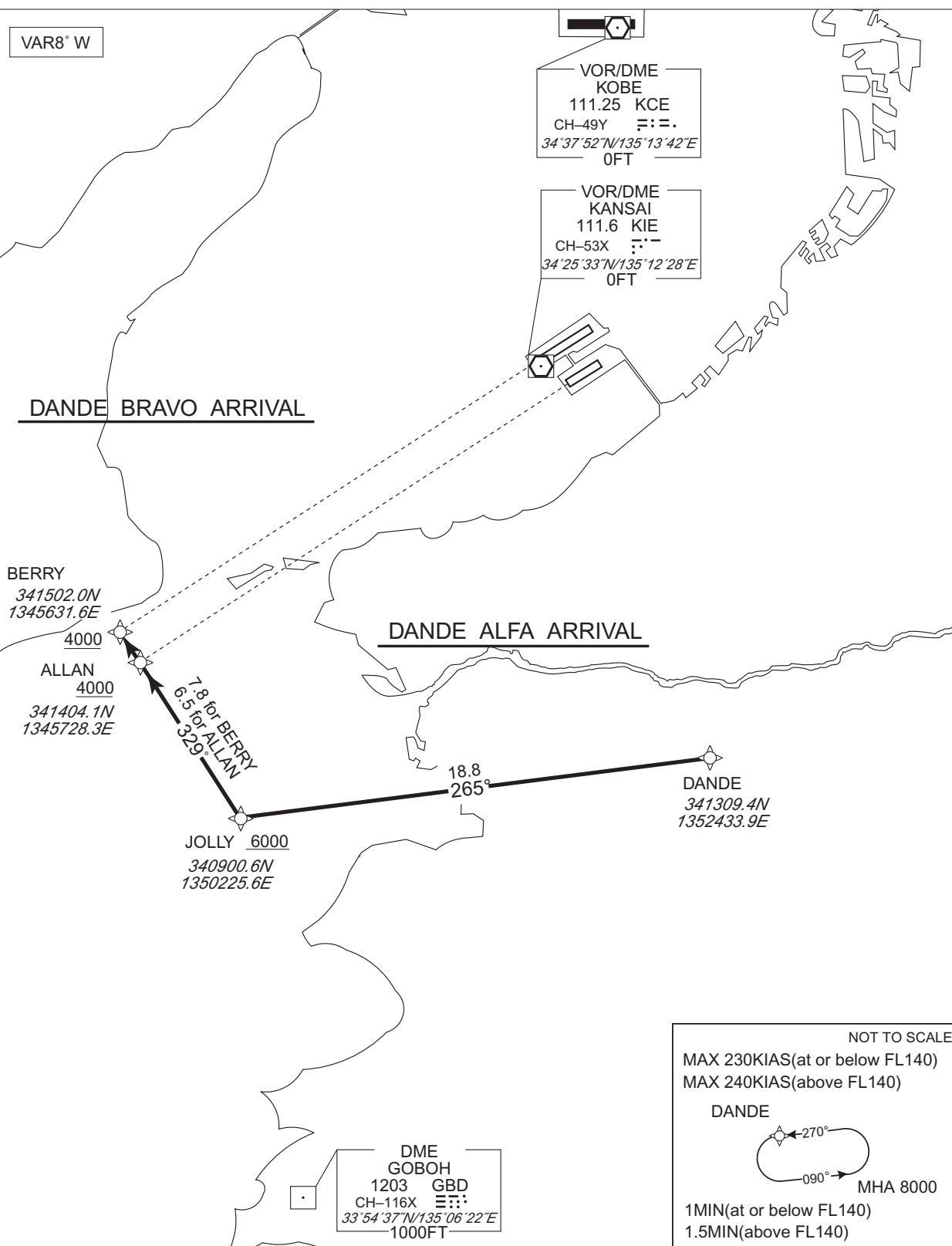
RJBB / KANSAI INTL

RNAV STAR RWY06L/06R

DANDE ALFA ARRIVAL  
DANDE BRAVO ARRIVAL

RNAV1

Note 1) DME/DME/IRU or GNSS required.  
 2) RADAR service required.



## STANDARD ARRIVAL CHART - INSTRUMENT

RJBB / KANSAI INTL

RNAV STAR RWY06L/06R

DANDE ALFA ARRIVAL

From DANDE, to JOLLY at or above 6000FT, to ALLAN at or above 4000FT.

Critical DME	—
DME GAP	—
Inappropriate Navaids	See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course [°M(°T)]	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	IF	DANDE	—	—	-8.0	—	—	—	—	—	RNAV1
002	TF	JOLLY	—	265 (257.3)	-8.0	18.8	—	+6000	—	—	RNAV1
003	TF	ALLAN	—	329 (321.0)	-8.0	6.5	—	+4000	—	—	RNAV1

Path	Waypoint Identifier	Inbound Course °M(°T)	Magnetic Variation	Outbound Time (MIN)	Outbound Distance (NM)	Turn Direction	Minimum Altitude (FT)	Maximum Altitude (FT)	Speed (KIAS)	Navigation Specification
Hold	DANDE	270 (262.6)	-8.0	1.0(-14000) 1.5(+14001)	—	L	8000	—	-230(-14000) -240(+14001)	RNAV1

DANDE BRAVO ARRIVAL

From DANDE, to JOLLY at or above 6000FT, to BERRY at or above 4000FT.

Critical DME	—
DME GAP	—
Inappropriate Navaids	See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course [°M(°T)]	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	IF	DANDE	—	—	-8.0	—	—	—	—	—	RNAV1
002	TF	JOLLY	—	265 (257.3)	-8.0	18.8	—	+6000	—	—	RNAV1
003	TF	BERRY	—	329 (321.0)	-8.0	7.8	—	+4000	—	—	RNAV1

Path	Waypoint Identifier	Inbound Course °M(°T)	Magnetic Variation	Outbound Time (MIN)	Outbound Distance (NM)	Turn Direction	Minimum Altitude (FT)	Maximum Altitude (FT)	Speed (KIAS)	Navigation Specification
Hold	DANDE	270 (262.6)	-8.0	1.0(-14000) 1.5(+14001)	—	L	8000	—	-230(-14000) -240(+14001)	RNAV1

CHANGE : VAR. Critical DME deleted.

## STANDARD ARRIVAL CHART - INSTRUMENT

RJBB / KANSAI INTL

RNAV STAR RWY24L/24R

## DANDE CHARLIE ARRIVAL

RNAV1

Note 1) DME/DME/IRU or GNSS required.  
2) RADAR service required.

VAR 8° W



CHANGE : Description of VAR and PROC name.

STANDARD ARRIVAL CHART - INSTRUMENT

RJBB / KANSAI INTL

RNAV STAR RWY24L/24R

DANDE CHARLIE ARRIVAL

From DANDE, to JOLLY at or above 8000FT, to GATES, to AWAJI at or above 7000FT, to LILAC, to MAYAH at 4000FT.

Critical DME	TZT : JOLLY - 8.0NM to GATES 7.0NM to GATES - GATES 8.0NM to AWAJI - 11.0NM to LILAC	GBD : JOLLY - 8.0NM to GATES 7.0NM to GATES - GATES 8.0NM to AWAJI - MAYAH
DME GAP	8.0NM to GATES - 7.0NM to GATES	GATES - 8.0NM to AWAJI
Inappropriate Navaids	See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1	

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course [°M(°T)]	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	IF	DANDE	—	—	-8.0	—	—	—	—	—	RNAV1
002	TF	JOLLY	—	265 (257.3)	-8.0	18.8	—	+8000	—	—	RNAV1
003	TF	GATES	—	275 (266.7)	-8.0	11.1	—	—	—	—	RNAV1
004	TF	AWAJI	—	335 (326.6)	-8.0	9.4	—	+7000	—	—	RNAV1
005	TF	LILAC	—	058 (050.1)	-8.0	17.1	—	—	—	—	RNAV1
006	TF	MAYAH	—	058 (050.3)	-8.0	14.4	—	4000	—	—	RNAV1

Path	Waypoint Identifier	Inbound Course °M(°T)	Magnetic Variation	Outbound Time (MIN)	Outbound Distance (NM)	Turn Direction	Minimum Altitude (FT)	Maximum Altitude (FT)	Speed (KIAS)	Navigation Specification
Hold	DANDE	270 (262.6)	-8.0	1.0(-14000) 1.5(+14001)	—	L	8000	—	-230(-14000) -240(+14001)	RNAV1
Hold	LILAC	057 (049.2)	-8.0	1.0(-14000) 1.5(+14001)	—	R	3000	—	-230(-14000) -240(+14001)	RNAV1

CHANGE : VAR. Critical DME.

## STANDARD ARRIVAL CHART - INSTRUMENT

RJBB / KANSAI INTL

RNAV STAR RWY06L/06R

ALISA ALFA / BRAVO ARRIVAL  
 BECKY ALFA / BRAVO ARRIVAL  
 CANDY ALFA / BRAVO ARRIVAL

RNAV1

Note 1) DME/DME/IRU or GNSS required.  
 2) RADAR service required.

VAR 8° W

DME  
 SHODO  
 1178 STD  
 CH-91X   
 $34^{\circ}30'45''N/134^{\circ}16'27''E$   
 2500FT

ALISA  
 $34^{\circ}30'42.6''N$   
 $134^{\circ}08'04.1''E$

DME  
 AWAJI  
 1190 AJD  
 CH-103X   
 $34^{\circ}16'13''N/134^{\circ}42'47''E$   
 900FT

TANTA  
 $34^{\circ}16'04.9''N$   
 $134^{\circ}27'29.2''E$   
 6000

BERRY  
 $34^{\circ}15'02.0''N$   
 $134^{\circ}56'31.6''E$   
 4000  
 04° 15.2'  
 058° 15.0'  
 056° 14.5'  
 058° 14.7'

ALLAN  
 $34^{\circ}14'04.1''N$   
 $134^{\circ}57'28.3''E$   
 4000

BAGLE  
 $34^{\circ}10'51.4''N$   
 $134^{\circ}52'51.0''E$

ASAMI  
 $34^{\circ}07'57.9''N$   
 $134^{\circ}48'41.8''E$

VOR/DME  
 KANSAI  
 111.6 KIE  
 CH-53X   
 $34^{\circ}25'33''N/135^{\circ}12'28''E$   
 OFT

ALLAN  
 4000

BAGLE  
 4000

BERRY  
 4000

ALISA ALFA ARRIVAL  
ALISA BRAVO ARRIVAL

VORTAC  
 TOKUSHIMA  
 114.9 TSC  
 CH-96X   
 $34^{\circ}07'47''N/134^{\circ}36'31''E$   
 OFT

BECKY ALFA ARRIVAL  
BECKY BRAVO ARRIVAL

NALTO  
 $34^{\circ}09'00.6''N$   
 $134^{\circ}43'13.3''E$

EVIAN  
 $33^{\circ}59'42.2''N$   
 $134^{\circ}36'57.3''E$   
 6000

ASAMI  
 $34^{\circ}07'57.9''N$   
 $134^{\circ}48'41.8''E$

CANDY ALFA ARRIVAL  
CANDY BRAVO ARRIVAL

DME  
 GOBOH  
 1203 GBD  
 CH-116X   
 $33^{\circ}54'37''N/135^{\circ}06'22''E$   
 1000FT

CHANGE : Description of VAR.

NOT TO SCALE MAX 230KIAS(at or below FL140) MAX 240KIAS(above FL140)	NOT TO SCALE MAX 230KIAS(at or below FL140) MAX 240KIAS(above FL140)	NOT TO SCALE MAX 230KIAS(at or below FL140) MAX 240KIAS(above FL140)	NOT TO SCALE MAX 230KIAS(at or below FL140) MAX 240KIAS(above FL140)	NOT TO SCALE MAX 230KIAS(at or below FL140) MAX 240KIAS(above FL140)
ALISA  MHA 10000 1MIN(at or below FL140) 1.5MIN(above FL140)	BECKY  MHA 8000 1MIN(at or below FL140) 1.5MIN(above FL140)	ASAMI  MHA 4000 1MIN(at or below FL140) 1.5MIN(above FL140)	CANDY  MHA 9000 1MIN(at or below FL140) 1.5MIN(above FL140)	DATIS  MHA 6000 1MIN(at or below FL140) 1.5MIN(above FL140)

## STANDARD ARRIVAL CHART - INSTRUMENT

RJBB / KANSAI INTL

RNAV STAR RWY06L/06R

ALISA ALFA ARRIVAL

From ALISA, to TANTA at or above 6000FT, to NALTO, to ASAMI, to BAGLE, to ALLAN at or above 4000FT.

Critical DME	—
DME GAP	—
Inappropriate Navaids	See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course [°M(°T)]	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	IF	ALISA	—	—	-8.0	—	—	—	—	—	RNAV1
002	TF	TANTA	—	140 (132.3)	-8.0	21.7	—	+6000	—	—	RNAV1
003	TF	NALTO	—	126 (118.4)	-8.0	14.8	—	—	—	—	RNAV1
004	TF	ASAMI	—	111 (103.0)	-8.0	4.7	—	—	—	—	RNAV1
005	TF	BAGLE	—	058 (049.9)	-8.0	4.5	—	—	—	—	RNAV1
006	TF	ALLAN	—	058 (049.9)	-8.0	5.0	—	+4000	—	—	RNAV1

Path	Waypoint Identifier	Inbound Course °M(°T)	Magnetic Variation	Outbound Time (MIN)	Outbound Distance (NM)	Turn Direction	Minimum Altitude (FT)	Maximum Altitude (FT)	Speed (KIAS)	Navigation Specification
Hold	ALISA	142 (134.0)	-8.0	1.0(-14000) 1.5(+14001)	—	R	10000	—	-230(-14000) -240(+14001)	RNAV1
Hold	ASAMI	059 (050.7)	-8.0	1.0(-14000) 1.5(+14001)	—	R	4000	—	-230(-14000) -240(+14001)	RNAV1

ALISA BRAVO ARRIVAL

From ALISA, to TANTA at or above 6000FT, NALTO, to ASAMI, to BAGLE, to BERRY at or above 4000FT.

Critical DME	—
DME GAP	—
Inappropriate Navaids	See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course [°M(°T)]	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	IF	ALISA	—	—	-8.0	—	—	—	—	—	RNAV1
002	TF	TANTA	—	140 (132.3)	-8.0	21.7	—	+6000	—	—	RNAV1
003	TF	NALTO	—	126 (118.4)	-8.0	14.8	—	—	—	—	RNAV1
004	TF	ASAMI	—	111 (103.0)	-8.0	4.7	—	—	—	—	RNAV1
005	TF	BAGLE	—	058 (049.9)	-8.0	4.5	—	—	—	—	RNAV1
006	TF	BERRY	—	044 (036.0)	-8.0	5.2	—	+4000	—	—	RNAV1

Path	Waypoint Identifier	Inbound Course °M(°T)	Magnetic Variation	Outbound Time (MIN)	Outbound Distance (NM)	Turn Direction	Minimum Altitude (FT)	Maximum Altitude (FT)	Speed (KIAS)	Navigation Specification
Hold	ALISA	142 (134.0)	-8.0	1.0(-14000) 1.5(+14001)	—	R	10000	—	-230(-14000) -240(+14001)	RNAV1
Hold	ASAMI	059 (050.7)	-8.0	1.0(-14000) 1.5(+14001)	—	R	4000	—	-230(-14000) -240(+14001)	RNAV1

CHANGE : Critical DME.

## STANDARD ARRIVAL CHART - INSTRUMENT

RJBB / KANSAI INTL

RNAV STAR RWY06L/06R

BECKY ALFA ARRIVAL

From BECKY, to EVIAN at or above 6000FT, to ASAMI, to BAGLE, to ALLAN at or above 4000FT.

Critical DME	—		
DME GAP	—		
Inappropriate Navaids	See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1		

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course [°M(°T)]	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	IF	BECKY	—	—	-8.0	—	—	—	—	—	RNAV1
002	TF	EVIAN	—	057 (049.5)	-8.0	7.0	—	+6000	—	—	RNAV1
003	TF	ASAMI	—	058 (049.6)	-8.0	12.8	—	—	—	—	RNAV1
004	TF	BAGLE	—	058 (049.9)	-8.0	4.5	—	—	—	—	RNAV1
005	TF	ALLAN	—	058 (049.9)	-8.0	5.0	—	+4000	—	—	RNAV1

Path	Waypoint Identifier	Inbound Course °M(°T)	Magnetic Variation	Outbound Time (MIN)	Outbound Distance (NM)	Turn Direction	Minimum Altitude (FT)	Maximum Altitude (FT)	Speed (KIAS)	Navigation Specification
Hold	BECKY	058 (050.2)	-8.0	1.0(-14000) 1.5(+14001)	—	R	8000	—	-230(-14000) -240(+14001)	RNAV1
Hold	ASAMI	059 (050.7)	-8.0	1.0(-14000) 1.5(+14001)	—	R	4000	—	-230(-14000) -240(+14001)	RNAV1

BECKY BRAVO ARRIVAL

From BECKY, to EVIAN at or above 6000FT, to ASAMI, to BAGLE, to BERRY at or above 4000FT.

Critical DME	—		
DME GAP	—		
Inappropriate Navaids	See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1		

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course [°M(°T)]	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	IF	BECKY	—	—	-8.0	—	—	—	—	—	RNAV1
002	TF	EVIAN	—	057 (049.5)	-8.0	7.0	—	+6000	—	—	RNAV1
003	TF	ASAMI	—	058 (049.6)	-8.0	12.8	—	—	—	—	RNAV1
004	TF	BAGLE	—	058 (049.9)	-8.0	4.5	—	—	—	—	RNAV1
005	TF	BERRY	—	044 (036.0)	-8.0	5.2	—	+4000	—	—	RNAV1

Path	Waypoint Identifier	Inbound Course °M(°T)	Magnetic Variation	Outbound Time (MIN)	Outbound Distance (NM)	Turn Direction	Minimum Altitude (FT)	Maximum Altitude (FT)	Speed (KIAS)	Navigation Specification
Hold	BECKY	058 (050.2)	-8.0	1.0(-14000) 1.5(+14001)	—	R	8000	—	-230(-14000) -240(+14001)	RNAV1
Hold	ASAMI	059 (050.7)	-8.0	1.0(-14000) 1.5(+14001)	—	R	4000	—	-230(-14000) -240(+14001)	RNAV1

CHANGE : VAR. Course FM EVIAN to ASAMI.

## STANDARD ARRIVAL CHART - INSTRUMENT

RJBB / KANSAI INTL

RNAV STAR RWY06L/06R

CANDY ALFA ARRIVAL

From CANDY, to DATIS at or above 6000FT, to ALLAN at or above 4000FT.

Critical DME	—		
DME GAP	—		
Inappropriate Navaids	See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1		

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course [°M(°T)]	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	IF	CANDY	—	—	-8.0	—	—	—	—	—	RNAV1
002	TF	DATIS	—	012 (003.9)	-8.0	6.4	—	+6000	—	—	RNAV1
003	TF	ALLAN	—	012 (003.9)	-8.0	15.2	—	+4000	—	—	RNAV1

Path	Waypoint Identifier	Inbound Course °M(°T)	Magnetic Variation	Outbound Time (MIN)	Outbound Distance (NM)	Turn Direction	Minimum Altitude (FT)	Maximum Altitude (FT)	Speed (KIAS)	Navigation Specification
Hold	CANDY	322 (313.8)	-8.0	1.0(-14000) 1.5(+14001)	—	L	9000	—	-230(-14000) -240(+14001)	RNAV1
Hold	DATIS	307 (298.6)	-8.0	1.0(-14000) 1.5(+14001)	—	L	6000	—	-230(-14000) -240(+14001)	RNAV1

CANDY BRAVO ARRIVAL

From CANDY, to DATIS at or above 6000FT, to BERRY at or above 4000FT.

Critical DME	—		
DME GAP	—		
Inappropriate Navaids	See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1		

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course [°M(°T)]	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	IF	CANDY	—	—	-8.0	—	—	—	—	—	RNAV1
002	TF	DATIS	—	012 (003.9)	-8.0	6.4	—	+6000	—	—	RNAV1
003	TF	BERRY	—	009 (000.9)	-8.0	16.2	—	+4000	—	—	RNAV1

Path	Waypoint Identifier	Inbound Course °M(°T)	Magnetic Variation	Outbound Time (MIN)	Outbound Distance (NM)	Turn Direction	Minimum Altitude (FT)	Maximum Altitude (FT)	Speed (KIAS)	Navigation Specification
Hold	CANDY	322 (313.8)	-8.0	1.0(-14000) 1.5(+14001)	—	L	9000	—	-230(-14000) -240(+14001)	RNAV1
Hold	DATIS	307 (298.6)	-8.0	1.0(-14000) 1.5(+14001)	—	L	6000	—	-230(-14000) -240(+14001)	RNAV1

CHANGE : VAR.

## STANDARD ARRIVAL CHART - INSTRUMENT

RJBB / KANSAI INTL

RNAV STAR RWY24L/24R

<b>ALISA CHARLIE ARRIVAL</b> <b>BECKY CHARLIE ARRIVAL</b> <b>CANDY CHARLIE ARRIVAL</b>	RNAV1
--	-------

- Note 1) DME/DME/IRU or GNSS required.  
2) RADAR service required.

VAR 8° W



CHANGE : Description of VAR

NOT TO SCALE MAX 230KIAS(at or below FL140) MAX 240KIAS(above FL140)	NOT TO SCALE MAX 230KIAS(at or below FL140) MAX 240KIAS(above FL140)	NOT TO SCALE MAX 230KIAS(at or below FL140) MAX 240KIAS(above FL140)	NOT TO SCALE MAX 230KIAS(at or below FL140) MAX 240KIAS(above FL140)
1MIN(at or below FL140) 1.5MIN(above FL140)			

STANDARD ARRIVAL CHART - INSTRUMENT

RJBB / KANSAI INTL

RNAV STAR RWY24L/24R

ALISA CHARLIE ARRIVAL

From ALISA, to TANTA, to AWAJI at or above 7000FT, to LILAC, to MAYAH at 4000FT.

Critical DME	TZT : AWAJI - 11.0NM to LILAC GBD : AWAJI - MAYAH
DME GAP	—
Inappropriate Navaids	See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course [°M(°T)]	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	IF	ALISA	—	—	-8.0	—	—	—	—	—	RNAV1
002	TF	TANTA	—	140 (132.3)	-8.0	21.7	—	—	—	—	RNAV1
003	TF	AWAJI	—	097 (089.3)	-8.0	12.6	—	+7000	—	—	RNAV1
004	TF	LILAC	—	058 (050.1)	-8.0	17.1	—	—	—	—	RNAV1
005	TF	MAYAH	—	058 (050.3)	-8.0	14.4	—	4000	—	—	RNAV1

Path	Waypoint Identifier	Inbound Course °M(°T)	Magnetic Variation	Outbound Time (MIN)	Outbound Distance (NM)	Turn Direction	Minimum Altitude (FT)	Maximum Altitude (FT)	Speed (KIAS)	Navigation Specification
Hold	ALISA	142 (134.0)	-8.0	1.0(-14000) 1.5(+14001)	—	R	10000	—	-230(-14000) -240(+14001)	RNAV1
Hold	LILAC	057 (049.2)	-8.0	1.0(-14000) 1.5(+14001)	—	R	3000	—	-230(-14000) -240(+14001)	RNAV1

BECKY CHARLIE ARRIVAL

From BECKY, to NALTO, to AWAJI at or above 7000FT, to LILAC, to MAYAH at 4000FT.

Critical DME	GBD : 5.2NM to AWAJI - 4.2NM to AWAJI AWAJI - MAYAH TZT : AWAJI - 11.0NM to LILAC
DME GAP	—
Inappropriate Navaids	See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course [°M(°T)]	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	IF	BECKY	—	—	-8.0	—	—	—	—	—	RNAV1
002	TF	NALTO	—	045 (037.2)	-8.0	17.4	—	—	—	—	RNAV1
003	TF	AWAJI	—	005 (357.1)	-8.0	7.2	—	+7000	—	—	RNAV1
004	TF	LILAC	—	058 (050.1)	-8.0	17.1	—	—	—	—	RNAV1
005	TF	MAYAH	—	058 (050.3)	-8.0	14.4	—	4000	—	—	RNAV1

Path	Waypoint Identifier	Inbound Course °M(°T)	Magnetic Variation	Outbound Time (MIN)	Outbound Distance (NM)	Turn Direction	Minimum Altitude (FT)	Maximum Altitude (FT)	Speed (KIAS)	Navigation Specification
Hold	BECKY	058 (050.2)	-8.0	1.0(-14000) 1.5(+14001)	—	R	8000	—	-230(-14000) -240(+14001)	RNAV1
Hold	LILAC	057 (049.2)	-8.0	1.0(-14000) 1.5(+14001)	—	R	3000	—	-230(-14000) -240(+14001)	RNAV1

CHANGE : VAR.

## STANDARD ARRIVAL CHART - INSTRUMENT

RJBB / KANSAI INTL

RNAV STAR RWY24L/24R

CANDY CHARLIE ARRIVAL

From CANDY, to NALTO, to AWAJI at or above 7000FT, to LILAC, to MAYAH at 4000FT.

Critical DME	GBD : 5.2NM to AWAJI - 4.2NM to AWAJI AWAJI - MAYAH TZT : AWAJI - 11.0NM to LILAC
DME GAP	—

Inappropriate Navaids See AD1.1.6.10.3. Inappropriate NAVAIDS for RNAV1

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course [°M(°T)]	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	IF	CANDY	—	—	-8.0	—	—	—	—	—	RNAV1
002	TF	NALTO	—	336 (328.0)	-8.0	19.5	—	—	—	—	RNAV1
003	TF	AWAJI	—	005 (357.1)	-8.0	7.2	—	+7000	—	—	RNAV1
004	TF	LILAC	—	058 (050.1)	-8.0	17.1	—	—	—	—	RNAV1
005	TF	MAYAH	—	058 (050.3)	-8.0	14.4	—	4000	—	—	RNAV1

Path	Waypoint Identifier	Inbound Course °M(°T)	Magnetic Variation	Outbound Time (MIN)	Outbound Distance (NM)	Turn Direction	Minimum Altitude (FT)	Maximum Altitude (FT)	Speed (KIAS)	Navigation Specification
Hold	CANDY	322 (313.8)	-8.0	1.0(-14000) 1.5(+14001)	—	L	9000	—	-230(-14000) -240(+14001)	RNAV1
Hold	LILAC	057 (049.2)	-8.0	1.0(-14000) 1.5(+14001)	—	R	3000	—	-230(-14000) -240(+14001)	RNAV1

CHANGE : VAR.

STANDARD ARRIVAL CHART - INSTRUMENT

RJBB / KANSAI INTL

RNAV STAR RWY06L/06R



BERTH ALFA ARRIVAL

From BERTH, to NALTO at or above 6000FT, to ASAMI, to BAGLE, to ALLAN at or above 4000FT.

Critical DME	AJD : 8.1NM to NALTO - 5.1NM to NALTO
DME GAP	-
Inappropriate Navaids	See AD1.1.6.10.3. Inappropriate NAVAIDS for RNAV1

CHANGE : Description of VAR.

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course [°M(°T)]	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	IF	BERTH	—	—	-8.0	—	—	—	—	—	RNAV1
002	TF	NALTO	—	098 (090.4)	-8.0	20.1	—	+6000	—	—	RNAV1
003	TF	ASAMI	—	111 (103.0)	-8.0	4.7	—	—	—	—	RNAV1
004	TF	BAGLE	—	058 (049.9)	-8.0	4.5	—	—	—	—	RNAV1
005	TF	ALLAN	—	058 (049.9)	-8.0	5.0	—	+4000	—	—	RNAV1

Path	Waypoint Identifier	Inbound Course °M(°T)	Magnetic Variation	Outbound Time (MIN)	Outbound Distance (NM)	Turn Direction	Minimum Altitude (FT)	Maximum Altitude (FT)	Speed (KIAS)	Navigation Specification
Hold	BERTH	103 (095.4)	-8.0	1.0(-14000) 1.5(+14001)	—	R	8000	—	-230(-14000) -240(+14001)	RNAV1
Hold	ASAMI	059 (050.7)	-8.0	1.0(-14000) 1.5(+14001)	—	R	4000	—	-230(-14000) -240(+14001)	RNAV1

## STANDARD ARRIVAL CHART - INSTRUMENT

RJBB / KANSAI INTL

RNAV STAR RWY06L/06R

BERTH BRAVO ARRIVAL

From BERTH, to NALTO at or above 6000FT, to ASAMI, to BAGLE, to BERRY at or above 4000FT.

Critical DME	AJD : 8.1NM to NALTO - 5.1NM to NALTO
DME GAP	—
Inappropriate Navaids	See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course [°M(°T)]	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	IF	BERTH	—	—	-8.0	—	—	—	—	—	RNAV1
002	TF	NALTO	—	098 (090.4)	-8.0	20.1	—	+6000	—	—	RNAV1
003	TF	ASAMI	—	111 (103.0)	-8.0	4.7	—	—	—	—	RNAV1
004	TF	BAGLE	—	058 (049.9)	-8.0	4.5	—	—	—	—	RNAV1
005	TF	BERRY	—	044 (036.0)	-8.0	5.2	—	+4000	—	—	RNAV1

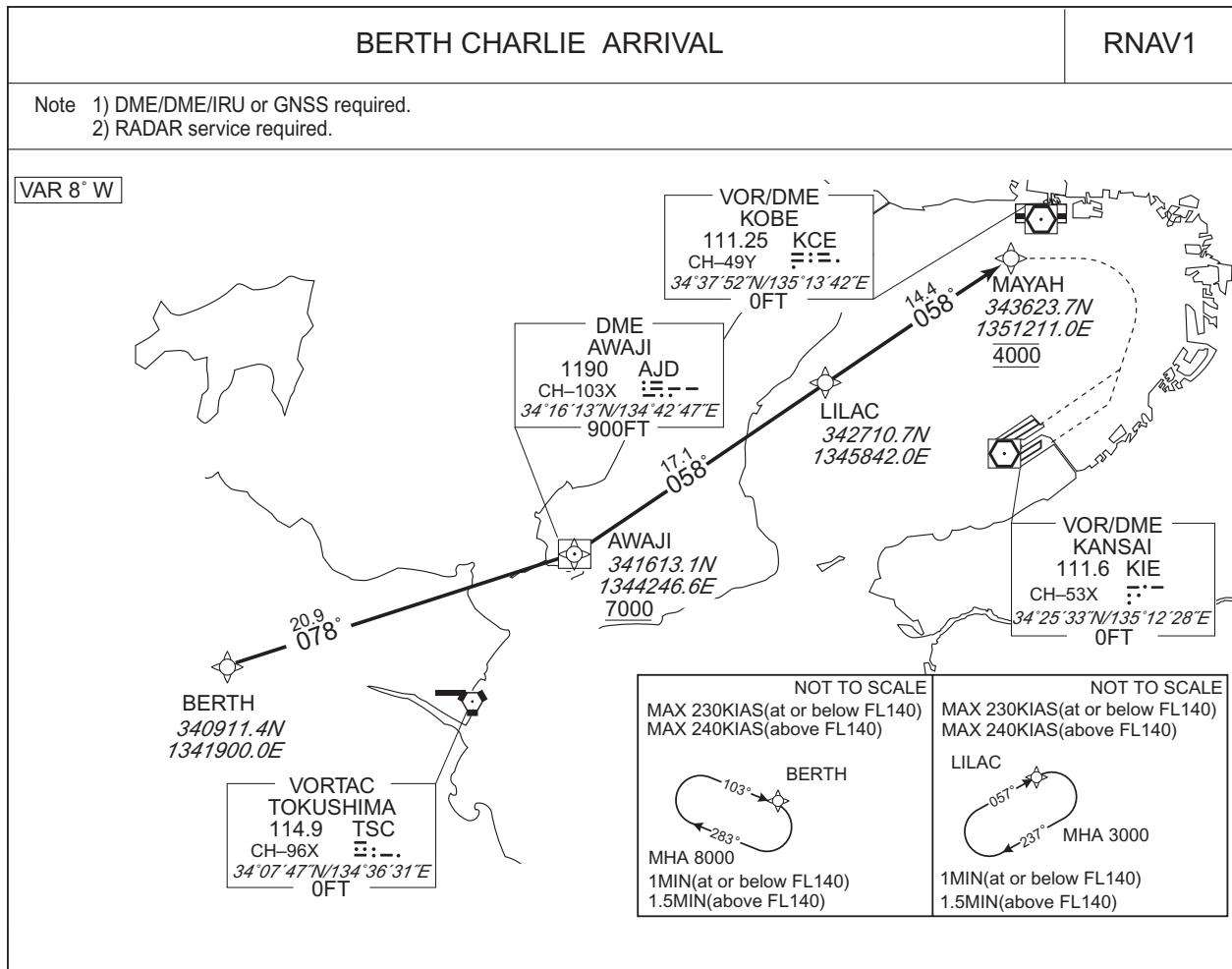
Path	Waypoint Identifier	Inbound Course °M(°T)	Magnetic Variation	Outbound Time (MIN)	Outbound Distance (NM)	Turn Direction	Minimum Altitude (FT)	Maximum Altitude (FT)	Speed (KIAS)	Navigation Specification
Hold	BERTH	103 (095.4)	-8.0	1.0(-14000) 1.5(+14001)	—	R	8000	—	-230(-14000) -240(+14001)	RNAV1
Hold	ASAMI	059 (050.7)	-8.0	1.0(-14000) 1.5(+14001)	—	R	4000	—	-230(-14000) -240(+14001)	RNAV1

CHANGE : VAR.

STANDARD ARRIVAL CHART - INSTRUMENT

RJBB / KANSAI INTL

RNAV STAR RWY24L/24R



Critical DME	TZT : AWAJI - 11.0NM to LILAC GBD : AWAJI - MAYAH
DME GAP	-

Inappropriate Navaids See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course [°M(°T)]	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	IF	BERTH	-	-	-8.0	-	-	-	-	-	RNAV1
002	TF	AWAJI	-	078 (070.2)	-8.0	20.9	-	+7000	-	-	RNAV1
003	TF	LILAC	-	058 (050.1)	-8.0	17.1	-	-	-	-	RNAV1
004	TF	MAYAH	-	058 (050.3)	-8.0	14.4	-	4000	-	-	RNAV1

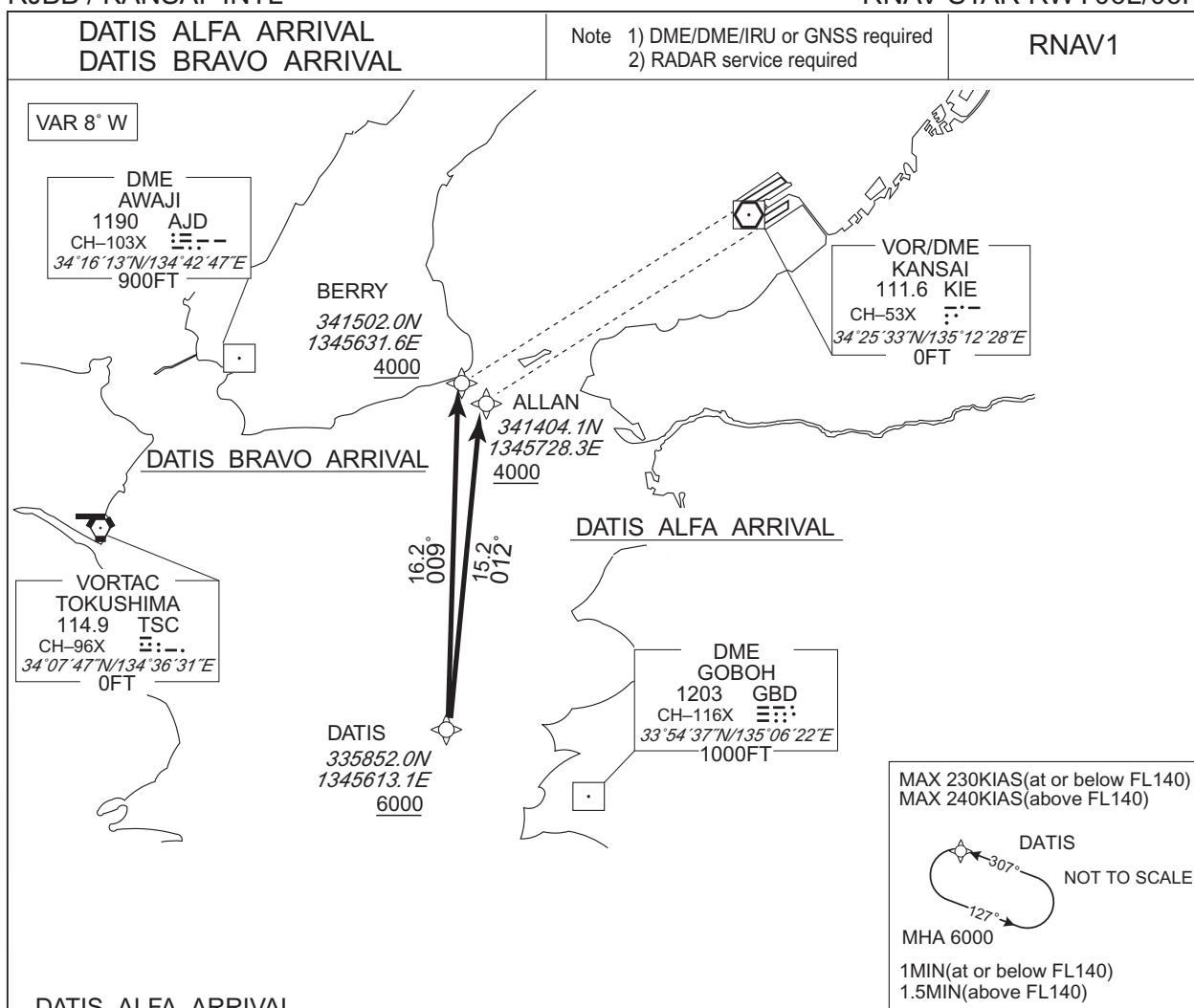
CHANGE : Critical DME.

Path	Waypoint Identifier	Inbound Course [°M(°T)]	Magnetic Variation	Outbound Time (MIN)	Outbound Distance (NM)	Turn Direction	Minimum Altitude (FT)	Maximum Altitude (FT)	Speed (KIAS)	Navigation Specification
Hold	BERTH	103 (095.4)	-8.0	1.0(-14000) 1.5(+14001)	-	R	8000	-	-230(-14000) -240(+14001)	RNAV1
Hold	LILAC	057 (049.2)	-8.0	1.0(-14000) 1.5(+14001)	-	R	3000	-	-230(-14000) -240(+14001)	RNAV1

## STANDARD ARRIVAL CHART - INSTRUMENT

RJBB / KANSAI INTL

RNAV STAR RWY06L/06R



CHANGE : Description of VAR.

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course [°M(°T)]	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	IF	DATIS	—	—	-8.0	—	—	+6000	—	—	RNAV1
002	TF	ALLAN	—	012 (003.9)	-8.0	15.2	—	+4000	—	—	RNAV1

Path	Waypoint Identifier	Inbound Course °M(°T)	Magnetic Variation	Outbound Time (MIN)	Outbound Distance (NM)	Turn Direction	Minimum Altitude (FT)	Maximum Altitude (FT)	Speed (KIAS)	Navigation Specification
Hold	DATIS	307 (298.6)	-8.0	1.0(-14000) 1.5(+14001)	—	L	6000	—	-230(-14000) -240(+14001)	RNAV1

## STANDARD ARRIVAL CHART - INSTRUMENT

RJBB / KANSAI INTL

RNAV STAR RWY06L/06R

DATIS BRAVO ARRIVAL

From DATIS at or above 6000FT, to BERRY at or above 4000FT.

Critical DME	—
DME GAP	—
Inappropriate Navaids	See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course [°M(°T)]	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	IF	DATIS	—	—	-8.0	—	—	+6000	—	—	RNAV1
002	TF	BERRY	—	009 (000.9)	-8.0	16.2	—	+4000	—	—	RNAV1

Path	Waypoint Identifier	Inbound Course °M(°T)	Magnetic Variation	Outbound Time (MIN)	Outbound Distance (NM)	Turn Direction	Minimum Altitude (FT)	Maximum Altitude (FT)	Speed (KIAS)	Navigation Specification
Hold	DATIS	307 (298.6)	-8.0	1.0(-14000) 1.5(+14001)	—	L	6000	—	-230(-14000) -240(+14001)	RNAV1

CHANGE : VAR.

## STANDARD ARRIVAL CHART - INSTRUMENT

RJBB / KANSAI INTL

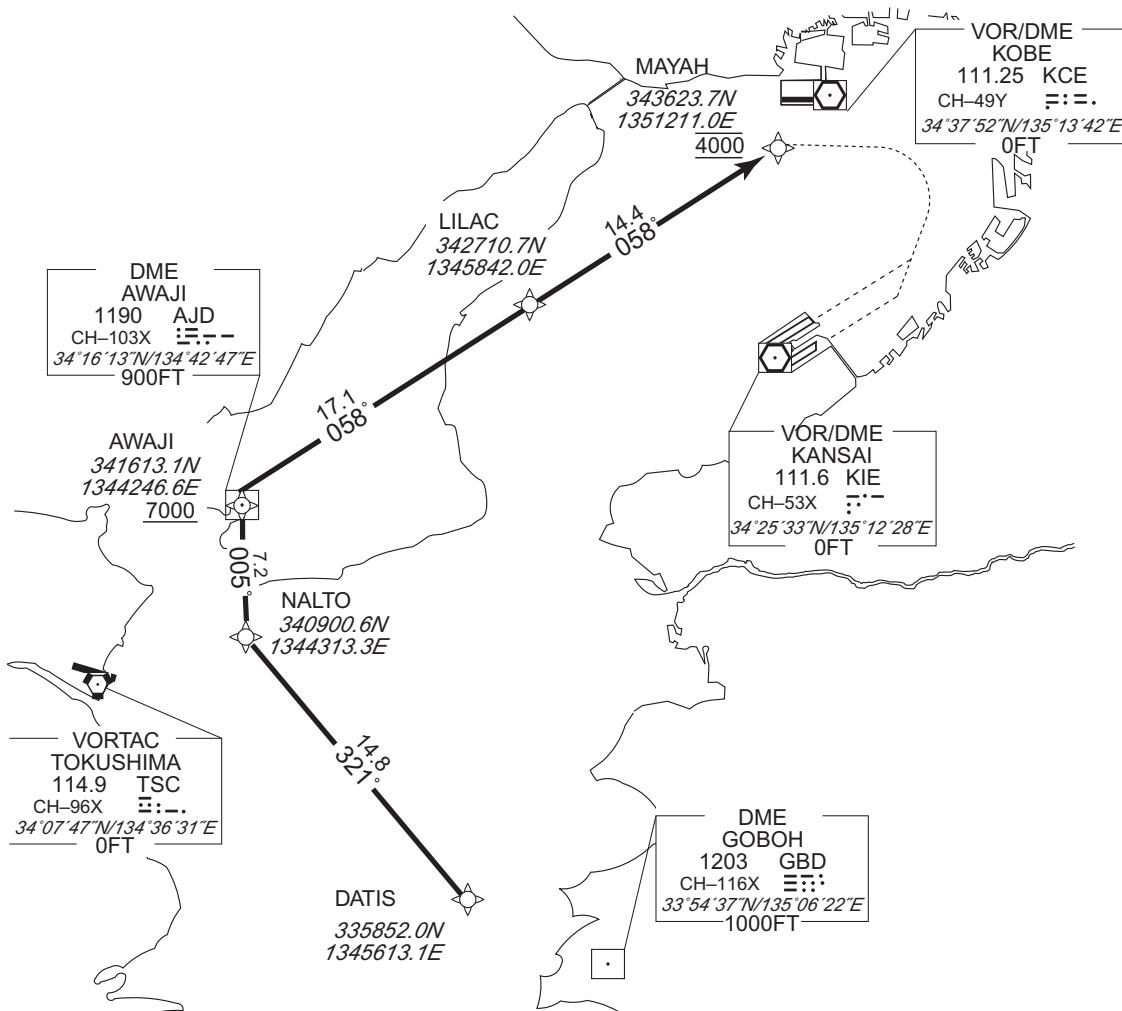
RNAV STAR RWY24L/24R

DATIS CHARLIE ARRIVAL

Note 1) DME/DME/IRU or GNSS required.  
2) RADAR service required.

RNAV1

VAR 8° W



CHANGE : Description of VAR and PROC name.

MAX 230KIAS(at or below FL140)  
MAX 240KIAS(above FL140)

DATIS

NOT TO SCALE

MHA 6000

1MIN(at or below FL140)  
1.5MIN(above FL140)NOT TO SCALE  
MAX 230KIAS(at or below FL140)  
MAX 240KIAS(above FL140)

LILAC

MHA 3000  
1MIN(at or below FL140)  
1.5MIN(above FL140)

STANDARD ARRIVAL CHART - INSTRUMENT

RJBB / KANSAI INTL

RNAV STAR RWY24L/24R

DATIS CHARLIE ARRIVAL

From DATIS, to NALTO, to AWAJI at or above 7000FT, to LILAC, to MAYAH at 4000FT.

Critical DME	GBD : 5.2NM to AWAJI - 4.2NM to AWAJI AWAJI - MAYAH TZT : AWAJI - 11.0NM to LILAC
DME GAP Inappropriate Navaids	— See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course [°M(°T)]	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	IF	DATIS	—	—	-8.0	—	—	—	—	—	RNAV1
002	TF	NALTO	—	321 (313.4)	-8.0	14.8	—	—	—	—	RNAV1
003	TF	AWAJI	—	005 (357.1)	-8.0	7.2	—	+7000	—	—	RNAV1
004	TF	LILAC	—	058 (050.1)	-8.0	17.1	—	—	—	—	RNAV1
005	TF	MAYAH	—	058 (050.3)	-8.0	14.4	—	4000	—	—	RNAV1

Path	Waypoint Identifier	Inbound Course °M(°T)	Magnetic Variation	Outbound Time (MIN)	Outbound Distance (NM)	Turn Direction	Minimum Altitude (FT)	Maximum Altitude (FT)	Speed (KIAS)	Navigation Specification
Hold	DATIS	307 (298.6)	-8.0	1.0(-14000) 1.5(+14001)	—	L	6000	—	-230(-14000) -240(+14001)	RNAV1
Hold	LILAC	057 (049.2)	-8.0	1.0(-14000) 1.5(+14001)	—	R	3000	—	-230(-14000) -240(+14001)	RNAV1

CHANGE : VAR.

## STANDARD ARRIVAL CHART - INSTRUMENT

RJBB / KANSAI INTL

RNAV STAR RWY24L/24R



## STANDARD ARRIVAL CHART - INSTRUMENT

RJBB / KANSAI INTL

RNAV STAR RWY24L/24R

ALISA DELTA ARRIVAL

From ALISA, to TANTA, to NALTO at or above 6000FT, to ASAMI, to BAGLE, to TOMOH, to HAMAR, to MAYAH at 4000FT.

Critical DME	AJD : 2.0NM to MAYAH - MAYAH GBD: 7.1NM to HAMAR - 5.1NM to HAMAR
DME GAP	-
Inappropriate Navaids	See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course [°M(°T)]	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	IF	ALISA	-	-	-8.0	-	-	-	-	-	RNAV1
002	TF	TANTA	-	140 (132.3)	-8.0	21.7	-	-	-	-	RNAV1
003	TF	NALTO	-	126 (118.4)	-8.0	14.8	-	+6000	-	-	RNAV1
004	TF	ASAMI	-	111 (103.0)	-8.0	4.7	-	-	-	-	RNAV1
005	TF	BAGLE	-	058 (049.9)	-8.0	4.5	-	-	-	-	RNAV1
006	TF	TOMOH	-	054 (046.0)	-8.0	8.6	-	-	-	-	RNAV1
007	TF	HAMAR	-	024 (016.2)	-8.0	8.1	-	-	-	-	RNAV1
008	TF	MAYAH	-	040 (032.4)	-8.0	14.0	-	4000	-	-	RNAV1

Path	Waypoint Identifier	Inbound Course °M(°T)	Magnetic Variation	Outbound Time (MIN)	Outbound Distance (NM)	Turn Direction	Minimum Altitude (FT)	Maximum Altitude (FT)	Speed (KIAS)	Navigation Specification
Hold	ALISA	142 (134.0)	-8.0	1.0(-14000) 1.5(+14001)	-	R	10000	-	-230(-14000) -240(+14001)	RNAV1
Hold	ASAMI	059 (050.7)	-8.0	1.0(-14000) 1.5(+14001)	-	R	4000	-	-230(-14000) -240(+14001)	RNAV1

CHANGE : VAR.

## STANDARD ARRIVAL CHART - INSTRUMENT

RJBB / KANSAI INTL

RNAV STAR RWY24L/24R

BECKY DELTA ARRIVAL

From BECKY, to EVIAN at or above 6000FT, to ASAMI, to BAGLE, to TOMOH, to HAMAR, to MAYAH at 4000FT.

Critical DME	GBD: 7.1NM to HAMAR - 5.1NM to HAMAR AJD : 2.0NM to MAYAH - MAYAH
DME GAP	—

Inappropriate Navaids See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course [°M(°T)]	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	IF	BECKY	—	—	-8.0	—	—	—	—	—	RNAV1
002	TF	EVIAN	—	057 (049.5)	-8.0	7.0	—	+6000	—	—	RNAV1
003	TF	ASAMI	—	058 (049.6)	-8.0	12.8	—	—	—	—	RNAV1
004	TF	BAGLE	—	058 (049.9)	-8.0	4.5	—	—	—	—	RNAV1
005	TF	TOMOH	—	054 (046.0)	-8.0	8.6	—	—	—	—	RNAV1
006	TF	HAMAR	—	024 (016.2)	-8.0	8.1	—	—	—	—	RNAV1
007	TF	MAYAH	—	040 (032.4)	-8.0	14.0	—	4000	—	—	RNAV1

Path	Waypoint Identifier	Inbound Course °M(°T)	Magnetic Variation	Outbound Time (MIN)	Outbound Distance (NM)	Turn Direction	Minimum Altitude (FT)	Maximum Altitude (FT)	Speed (KIAS)	Navigation Specification
Hold	BECKY	058 (050.2)	-8.0	1.0(-14000) 1.5(+14001)	—	R	8000	—	-230(-14000) -240(+14001)	RNAV1
Hold	ASAMI	059 (050.7)	-8.0	1.0(-14000) 1.5(+14001)	—	R	4000	—	-230(-14000) -240(+14001)	RNAV1

CHANGE : VAR. Course FM EVIAN to ASAMI.

## STANDARD ARRIVAL CHART - INSTRUMENT

RJBB / KANSAI INTL

RNAV STAR RWY24L/24R

BERTH DELTA ARRIVAL

From BERTH to NALTO at or above 6000FT, to ASAMI, to BAGLE, to TOMOH, to HAMAR, to MAYAH at 4000FT.

Critical DME	AJD : 8.1NM to NALTO - 5.1NM to NALTO 2.0NM to MAYAH - MAYAH GBD: 7.1NM to HAMAR - 5.1NM to HAMAR
DME GAP	—

Inappropriate Navaids See AD1.1.6.10.3. Inappropriate NAVAIDS for RNAV1

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course [°M(°T)]	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	IF	BERTH	—	—	-8.0	—	—	—	—	—	RNAV1
002	TF	NALTO	—	098 (090.4)	-8.0	20.1	—	+6000	—	—	RNAV1
003	TF	ASAMI	—	111 (103.0)	-8.0	4.7	—	—	—	—	RNAV1
004	TF	BAGLE	—	058 (049.9)	-8.0	4.5	—	—	—	—	RNAV1
005	TF	TOMOH	—	054 (046.0)	-8.0	8.6	—	—	—	—	RNAV1
006	TF	HAMAR	—	024 (016.2)	-8.0	8.1	—	—	—	—	RNAV1
007	TF	MAYAH	—	040 (032.4)	-8.0	14.0	—	4000	—	—	RNAV1

Path	Waypoint Identifier	Inbound Course °M(°T)	Magnetic Variation	Outbound Time (MIN)	Outbound Distance (NM)	Turn Direction	Minimum Altitude (FT)	Maximum Altitude (FT)	Speed (KIAS)	Navigation Specification
Hold	BERTH	103 (095.4)	-8.0	1.0(-14000) 1.5(+14001)	—	R	8000	—	-230(-14000) -240(+14001)	RNAV1
Hold	ASAMI	059 (050.7)	-8.0	1.0(-14000) 1.5(+14001)	—	R	4000	—	-230(-14000) -240(+14001)	RNAV1

CHANGE : VAR.

## STANDARD ARRIVAL CHART - INSTRUMENT

RJBB / KANSAI INTL

RNAV STAR RWY24L/24R

CANDY DELTA ARRIVAL

From CANDY, to DATIS at or above 6000FT, to TOMOH, to HAMAR, to MAYAH at 4000FT.

Critical DME	GBD : 7.1NM to HAMAR - 5.1NM to HAMAR AJD : 2.0NM to MAYAH - MAYAH
DME GAP	—

Inappropriate Navaids See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course [°M(°T)]	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	IF	CANDY	—	—	-8.0	—	—	—	—	—	RNAV1
002	TF	DATIS	—	012 (003.9)	-8.0	6.4	—	+6000	—	—	RNAV1
003	TF	TOMOH	—	019 (010.7)	-8.0	18.3	—	—	—	—	RNAV1
004	TF	HAMAR	—	024 (016.2)	-8.0	8.1	—	—	—	—	RNAV1
005	TF	MAYAH	—	040 (032.4)	-8.0	14.0	—	4000	—	—	RNAV1

Path	Waypoint Identifier	Inbound Course °M(°T)	Magnetic Variation	Outbound Time (MIN)	Outbound Distance (NM)	Turn Direction	Minimum Altitude (FT)	Maximum Altitude (FT)	Speed (KIAS)	Navigation Specification
Hold	CANDY	322 (313.8)	-8.0	1.0(-14000) 1.5(+14001)	—	L	9000	—	-230(-14000) -240(+14001)	RNAV1
Hold	DATIS	307 (298.6)	-8.0	1.0(-14000) 1.5(+14001)	—	L	6000	—	-230(-14000) -240(+14001)	RNAV1

CHANGE : VAR.

STANDARD ARRIVAL CHART - INSTRUMENT

RJBB / KANSAI INTL

RNAV STAR RWY24L/24R



## STANDARD ARRIVAL CHART - INSTRUMENT

RJBB / KANSAI INTL

RNAV STAR RWY24L/24R

ALISA ECHO ARRIVAL

From ALISA, to TANTA at or above 7000FT, to AKASI, to MAIKO, to MAYAH at 4000FT.

Critical DME	KTE : TANTA - 18.3NM to AKASI AJD : 14.3NM to AKASI - 9.3NM to AKASI
DME GAP	— Inappropriate Navaids See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course [°M(°T)]	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	IF	ALISA	—	—	-8.0	—	—	—	—	—	RNAV1
002	TF	TANTA	—	140 (132.3)	-8.0	21.7	—	+7000	—	—	RNAV1
003	TF	AKASI	—	045 (037.2)	-8.0	24.3	—	—	—	—	RNAV1
004	TF	MAIKO	—	092 (083.8)	-8.0	12.0	—	—	—	—	RNAV1
005	TF	MAYAH	—	099 (091.4)	-8.0	10.2	—	4000	—	—	RNAV1

Path	Waypoint Identifier	Inbound Course °M(°T)	Magnetic Variation	Outbound Time (MIN)	Outbound Distance (NM)	Turn Direction	Minimum Altitude (FT)	Maximum Altitude (FT)	Speed (KIAS)	Navigation Specification
Hold	ALISA	142 (134.0)	-8.0	1.0(-14000) 1.5(+14001)	—	R	10000	—	-230(-14000) -240(+14001)	RNAV1
Hold	AKASI	092 (083.8)	-8.0	1.0(-14000) 1.5(+14001)	—	R	4000	—	-230(-14000) -240(+14001)	RNAV1

BECKY ECHO ARRIVAL

From BECKY, to TANTA at or above 7000FT, to AKASI, to MAIKO, to MAYAH at 4000FT.

Critical DME	KTE : TANTA - 18.3NM to AKASI AJD : 14.3NM to AKASI - 9.3NM to AKASI
DME GAP	— Inappropriate Navaids See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course [°M(°T)]	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	IF	BECKY	—	—	-8.0	—	—	—	—	—	RNAV1
002	TF	TANTA	—	001 (353.2)	-8.0	21.1	—	+7000	—	—	RNAV1
003	TF	AKASI	—	045 (037.2)	-8.0	24.3	—	—	—	—	RNAV1
004	TF	MAIKO	—	092 (083.8)	-8.0	12.0	—	—	—	—	RNAV1
005	TF	MAYAH	—	099 (091.4)	-8.0	10.2	—	4000	—	—	RNAV1

Path	Waypoint Identifier	Inbound Course °M(°T)	Magnetic Variation	Outbound Time (MIN)	Outbound Distance (NM)	Turn Direction	Minimum Altitude (FT)	Maximum Altitude (FT)	Speed (KIAS)	Navigation Specification
Hold	BECKY	058 (050.2)	-8.0	1.0(-14000) 1.5(+14001)	—	R	8000	—	-230(-14000) -240(+14001)	RNAV1
Hold	AKASI	092 (083.8)	-8.0	1.0(-14000) 1.5(+14001)	—	R	4000	—	-230(-14000) -240(+14001)	RNAV1

CHANGE : Minimum ALT at AKASI.

## STANDARD ARRIVAL CHART - INSTRUMENT

RJBB / KANSAI INTL

RNAV STAR RWY24L/24R

BERTH ECHO ARRIVAL

From BERTH, to TANTA at or above 7000FT, to AKASI, to MAIKO, to MAYAH at 4000FT.

Critical DME	KTE : TANTA - 18.3NM to AKASI AJD : 14.3NM to AKASI - 9.3NM to AKASI
DME GAP	—
Inappropriate Navaids	See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course [°M(°T)]	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	IF	BERTH	—	—	-8.0	—	—	—	—	—	RNAV1
002	TF	TANTA	—	053 (045.5)	-8.0	9.8	—	+7000	—	—	RNAV1
003	TF	AKASI	—	045 (037.2)	-8.0	24.3	—	—	—	—	RNAV1
004	TF	MAIKO	—	092 (083.8)	-8.0	12.0	—	—	—	—	RNAV1
005	TF	MAYAH	—	099 (091.4)	-8.0	10.2	—	4000	—	—	RNAV1

Path	Waypoint Identifier	Inbound Course °M(°T)	Magnetic Variation	Outbound Time (MIN)	Outbound Distance (NM)	Turn Direction	Minimum Altitude (FT)	Maximum Altitude (FT)	Speed (KIAS)	Navigation Specification
Hold	BERTH	103 (095.4)	-8.0	1.0(-14000) 1.5(+14001)	—	R	8000	—	-230(-14000) -240(+14001)	RNAV1
Hold	AKASI	092 (083.8)	-8.0	1.0(-14000) 1.5(+14001)	—	R	4000	—	-230(-14000) -240(+14001)	RNAV1

CANDY ECHO ARRIVAL

From CANDY, to TANTA at or above 7000FT, to AKASI, to MAIKO, to MAYAH at 4000FT.

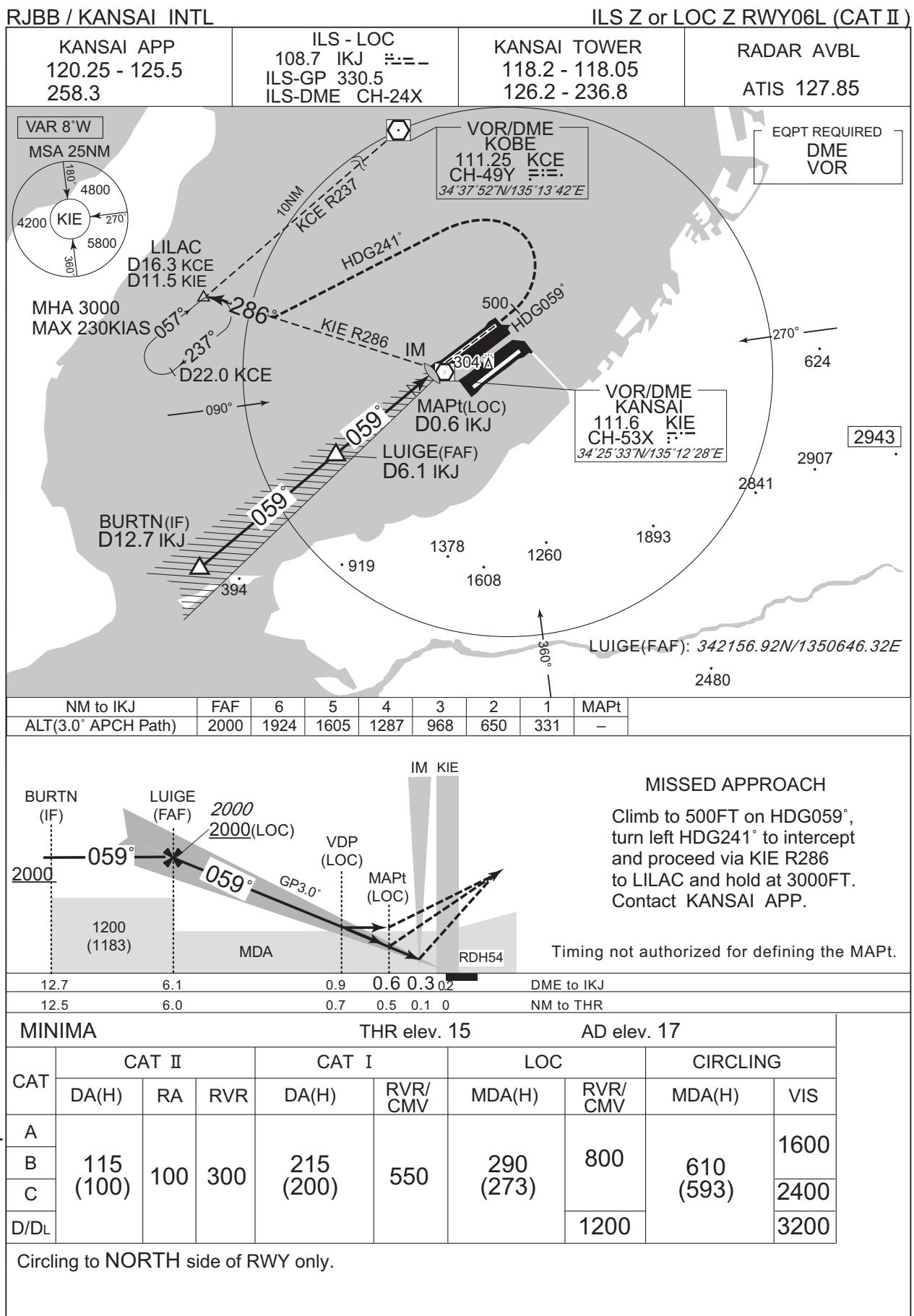
Critical DME	KTE : TANTA - 18.3NM to AKASI AJD : 14.3NM to AKASI - 9.3NM to AKASI
DME GAP	—
Inappropriate Navaids	See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course [°M(°T)]	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	IF	CANDY	—	—	-8.0	—	—	—	—	—	RNAV1
002	TF	TANTA	—	323 (315.4)	-8.0	33.2	—	+7000	—	—	RNAV1
003	TF	AKASI	—	045 (037.2)	-8.0	24.3	—	—	—	—	RNAV1
004	TF	MAIKO	—	092 (083.8)	-8.0	12.0	—	—	—	—	RNAV1
005	TF	MAYAH	—	099 (091.4)	-8.0	10.2	—	4000	—	—	RNAV1

Path	Waypoint Identifier	Inbound Course °M(°T)	Magnetic Variation	Outbound Time (MIN)	Outbound Distance (NM)	Turn Direction	Minimum Altitude (FT)	Maximum Altitude (FT)	Speed (KIAS)	Navigation Specification
Hold	CANDY	322 (313.8)	-8.0	1.0(-14000) 1.5(+14001)	—	L	9000	—	-230(-14000) -240(+14001)	RNAV1
Hold	AKASI	092 (083.8)	-8.0	1.0(-14000) 1.5(+14001)	—	R	4000	—	-230(-14000) -240(+14001)	RNAV1

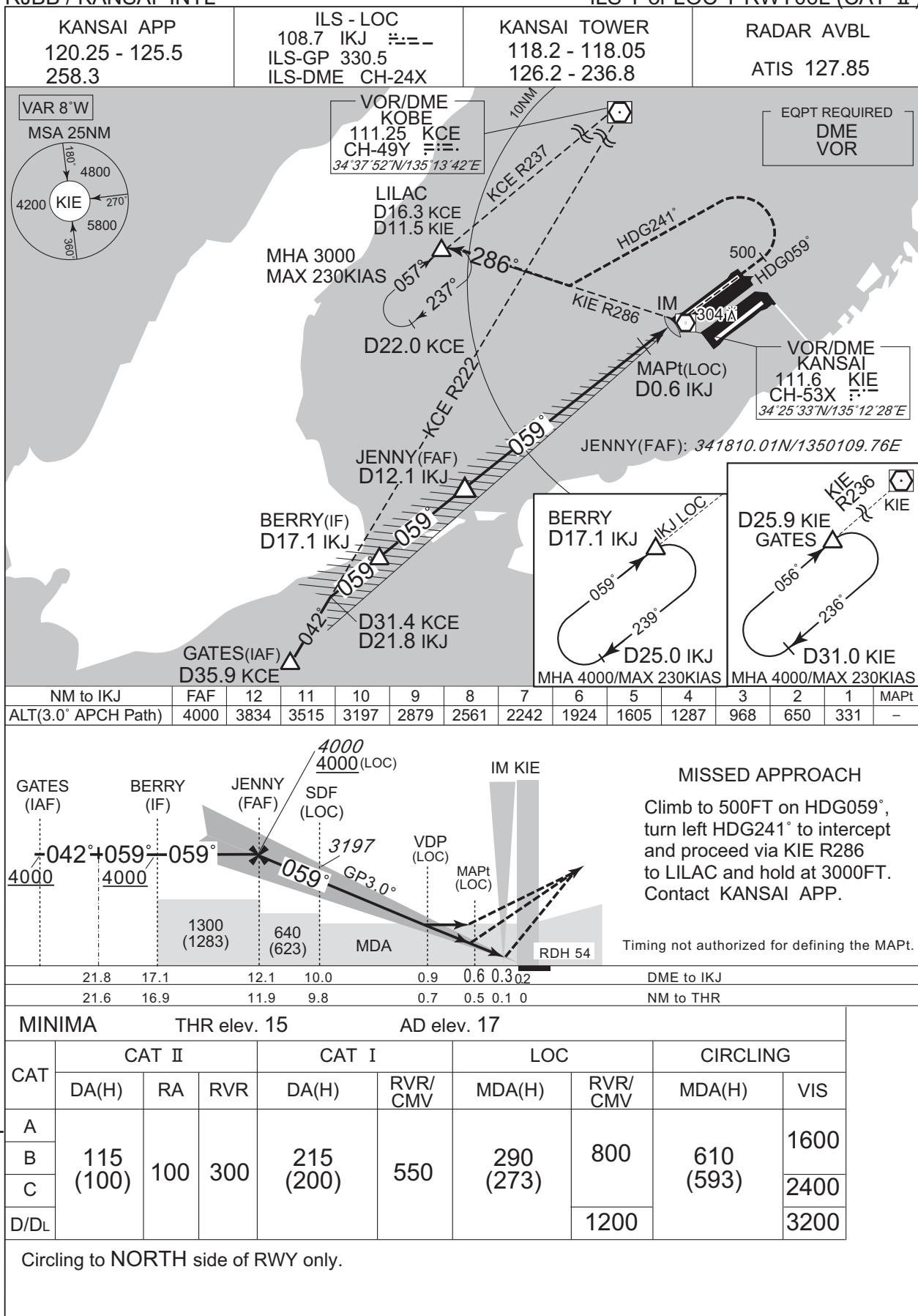
CHANGE : Minimum ALT at AKASI.

INSTRUMENT APPROACH CHART



## INSTRUMENT APPROACH CHART

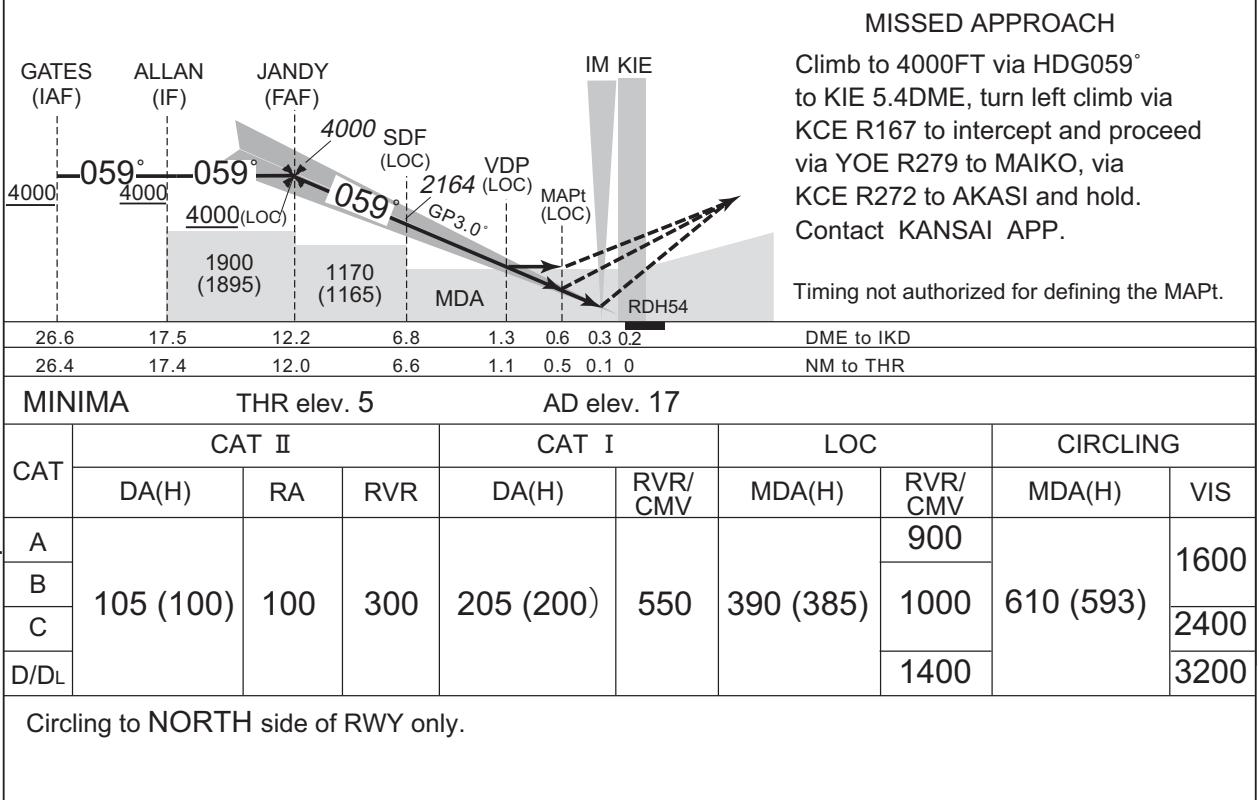
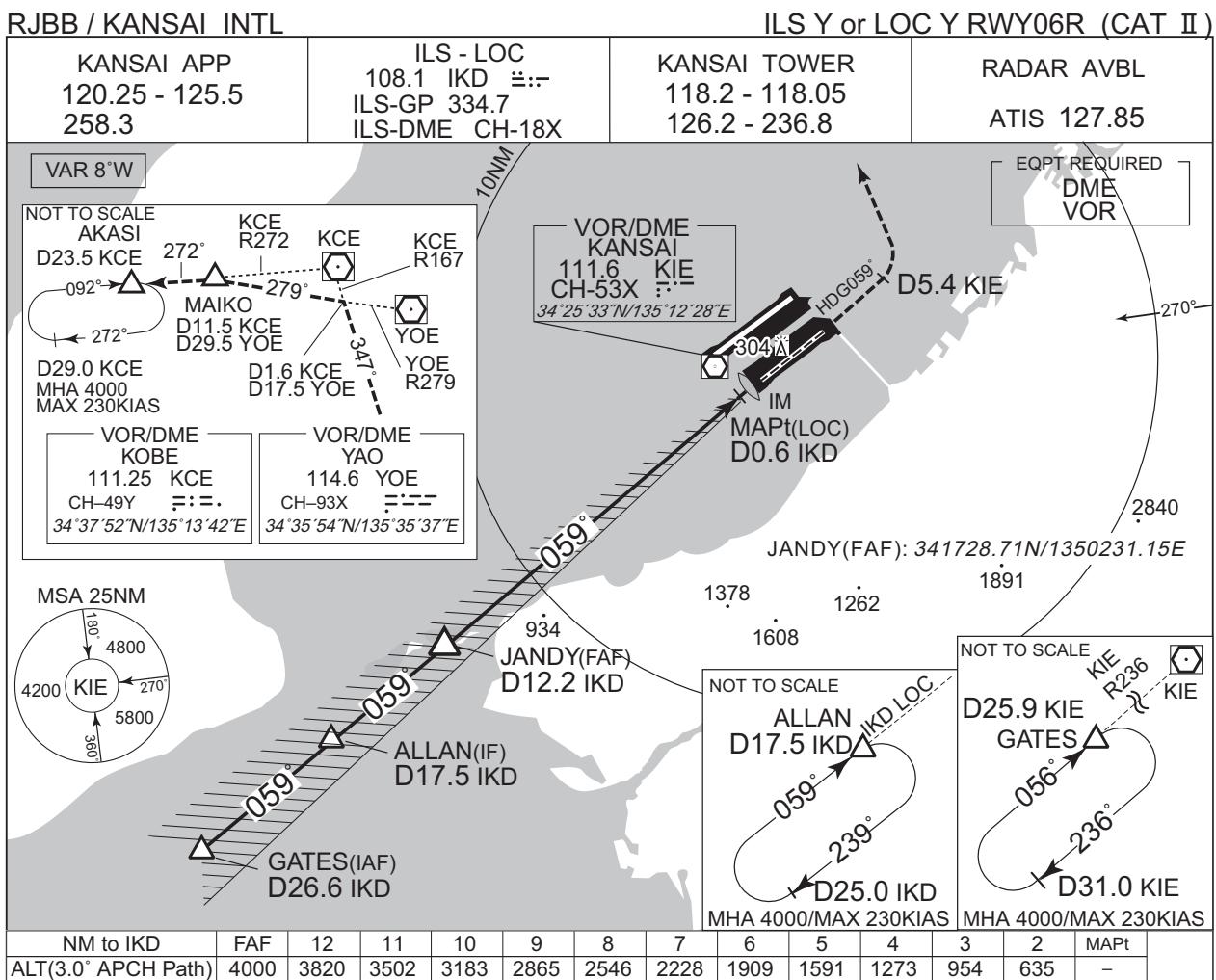
RJBB / KANSAI INTL



INSTRUMENT APPROACH CHART



## INSTRUMENT APPROACH CHART

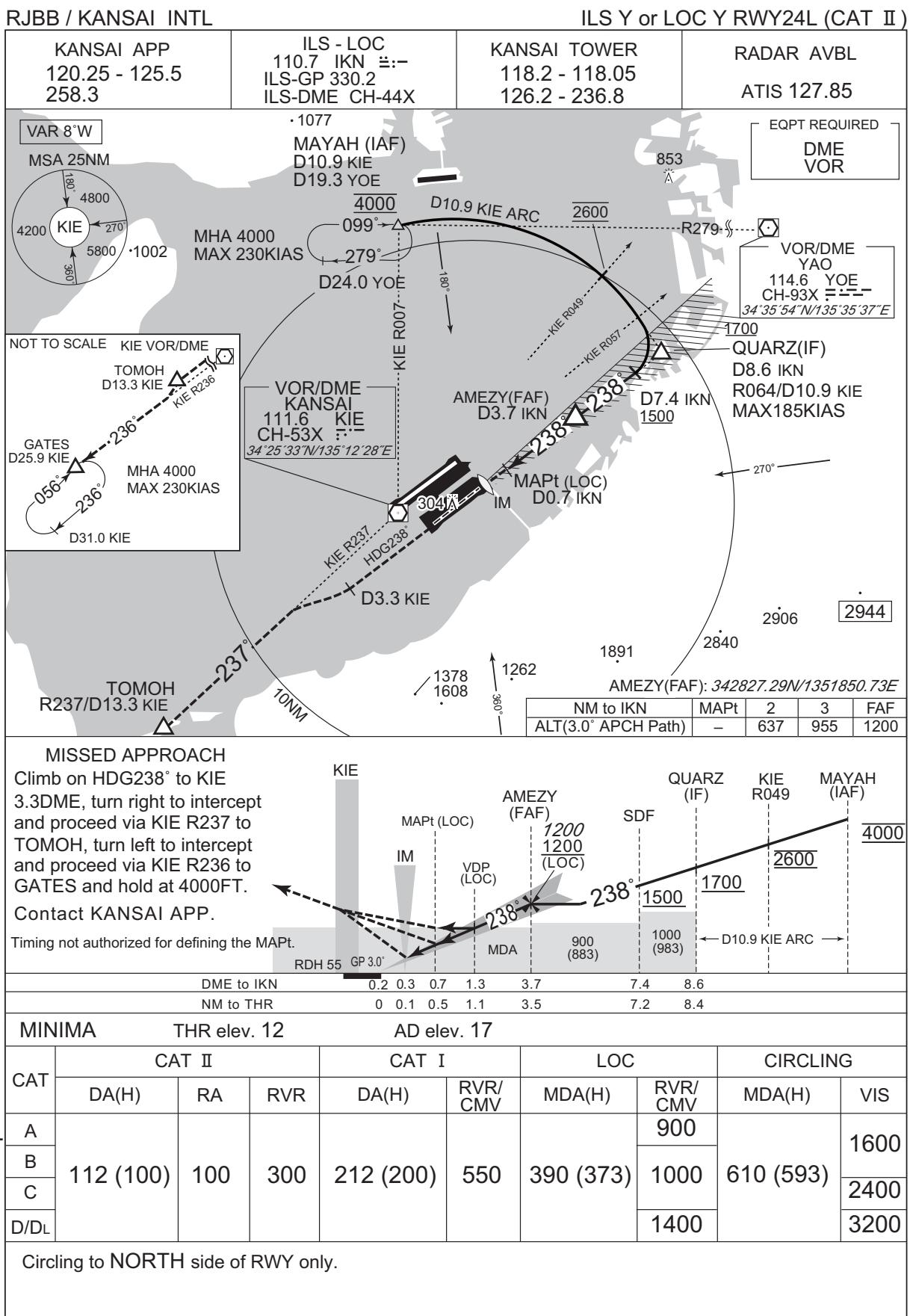


CHANGE : Description of VAR.

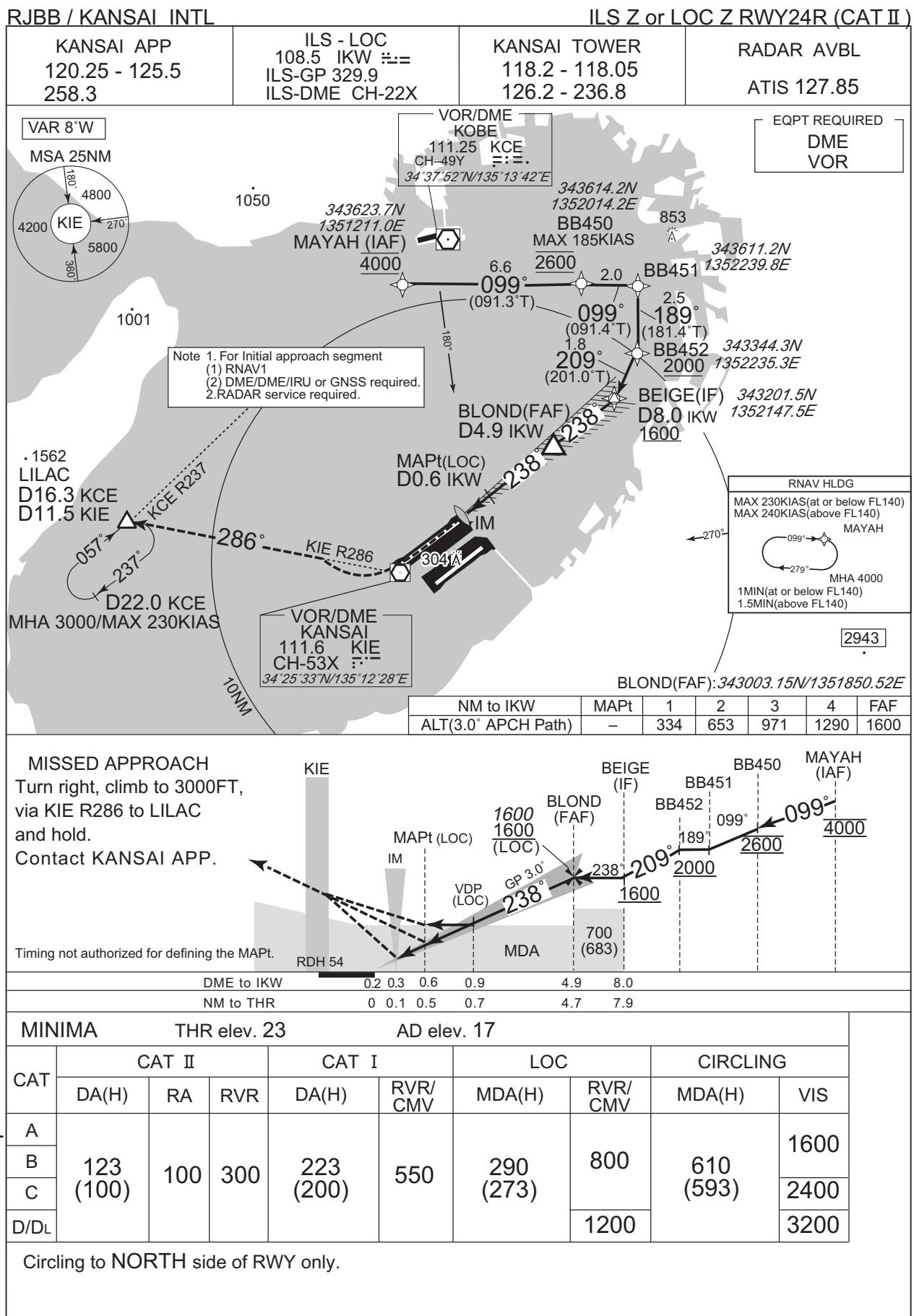
INSTRUMENT APPROACH CHART



## INSTRUMENT APPROACH CHART



INSTRUMENT APPROACH CHART



## INSTRUMENT APPROACH CHART

RJBB / KANSAI INTL

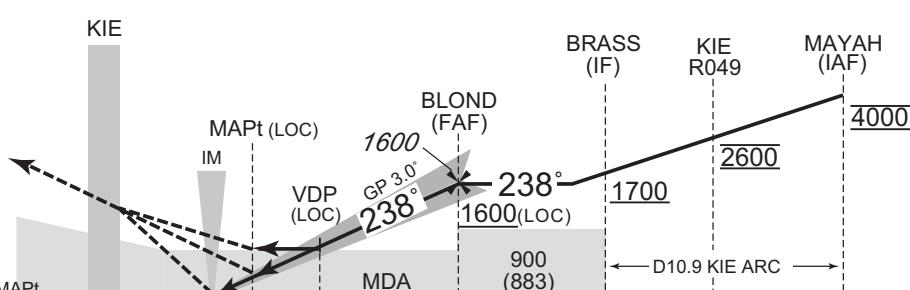
ILS Y or LOC Y RWY24R (CAT II)

#### MISSED APPROACH

Turn right, climb to 3000FT,  
via KIE R286 to LILAC  
and hold.

Contact KANSAI APP

Timing not authorized for defining the MAPt



DME to IKW	0.2	0.3	0.6	0.9	4.9	8.8
NM to THR	0	0.1	0.5	0.7	4.7	8.6

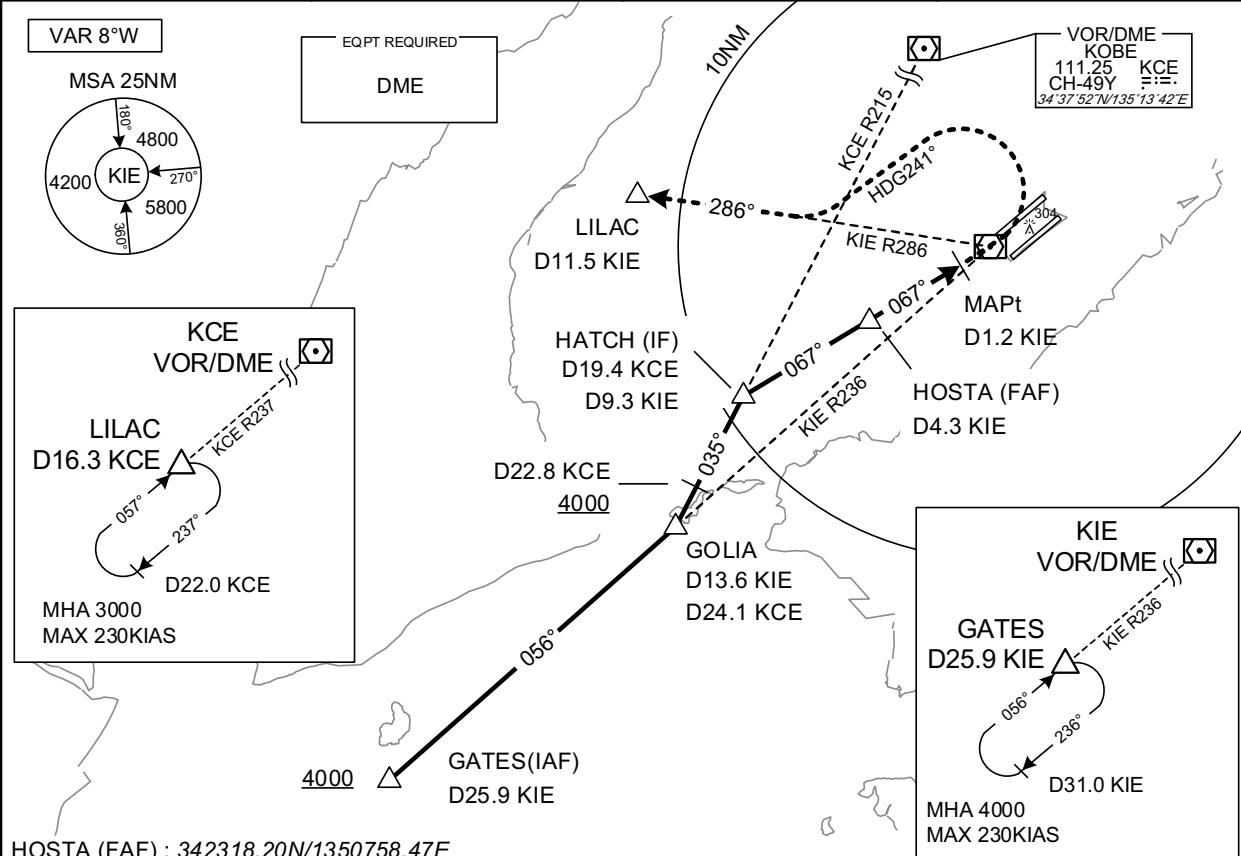
DME to IKW	0.2	0.3	0.6	0.9	4.9	8.8
NM to THB	0	0.1	0.5	0.7	4.7	8.6

## INSTRUMENT APPROACH CHART

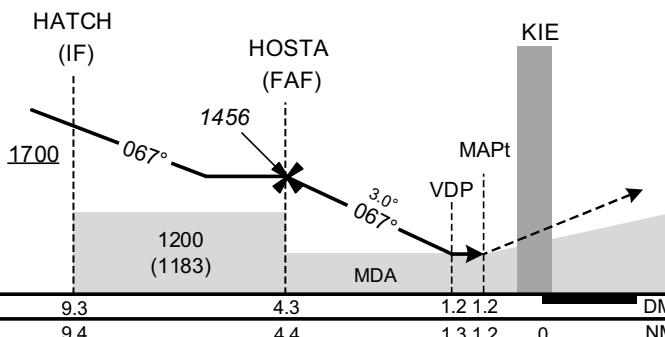
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VOR RWY06L

KANSAI APP 120.25 - 125.5 258.3	KANSAI VOR/DME 111.6 KIE CH-53X :.- <i>34°25'33"N/135°12'28"E</i>	KANSAI TOWER 118.2 - 118.05 126.2 - 236.8	RADAR AVBL ATIS 127.85
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NM to KIE	FAF	4	3	2	MAPt
ALT(3.0° APCH Path)	1456	1349	1031	712	-



## MISSED APPROACH

Turn left HDG241° to intercept and proceed via KIE R286 to LILAC and hold at 3000FT

Contact KANSAI APP

Timing not authorized for defining the MAPt

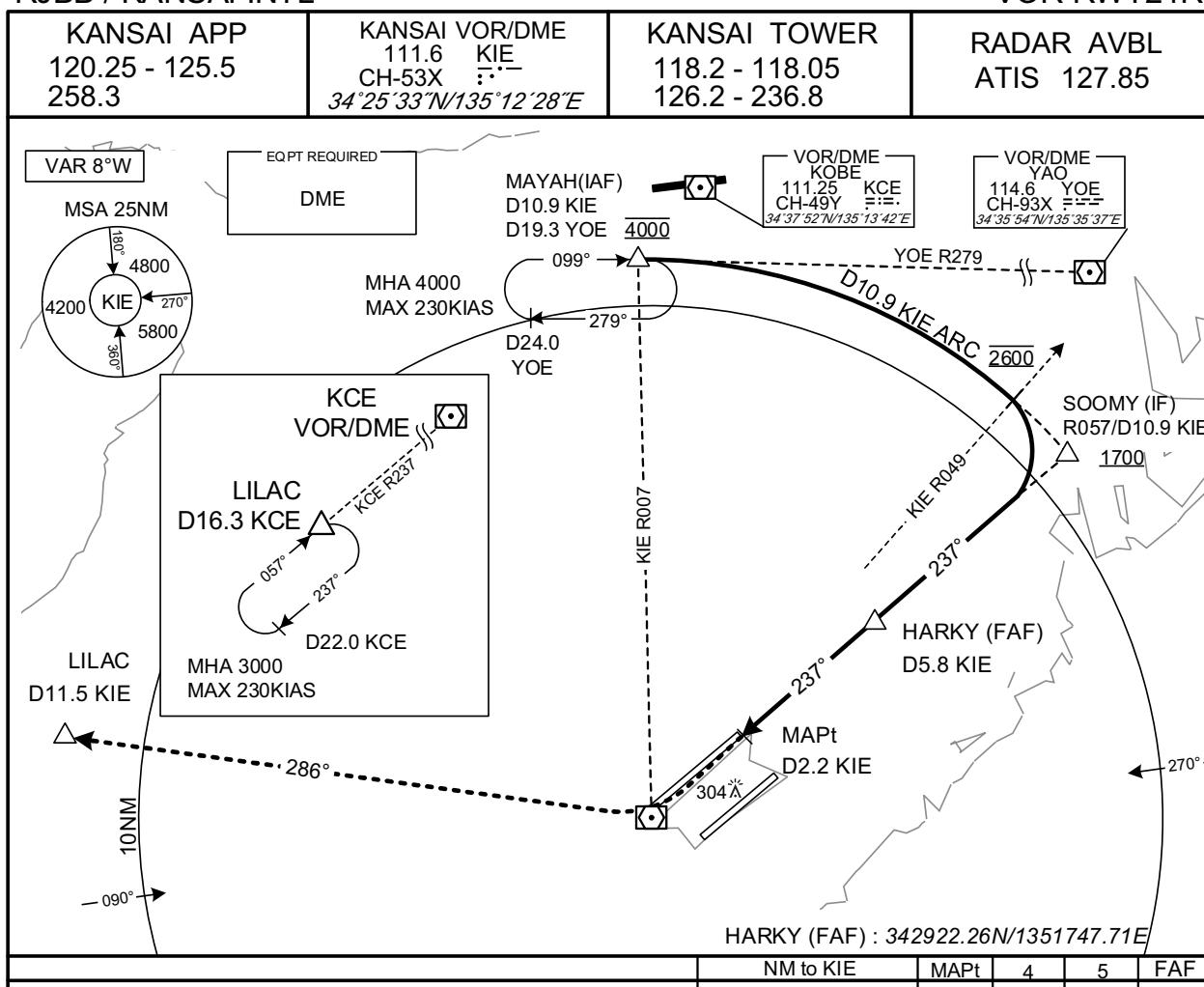
MINIMA		THR elev. 15	AD elev. 17	
CAT			CIRCLING	
	MDA(H)	RVR/ CMV	MDA(H)	VIS
A	450 (433)	900	610 (593)	1600
B		1000		2400
C		1400		3200
D				

Circling to NORTH side of RWY only.

## INSTRUMENT APPROACH CHART

RJBB / KANSAI INTL

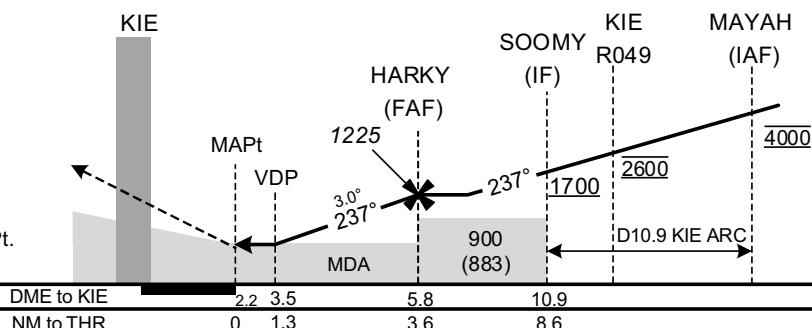
VOR RWY24R



## MISSSED APPROACH

Turn right, climb to 3000FT, via KIE R286 to LILAC and hold.  
Contact KANSAI APP.

Timing not authorized for defining the MAPt.

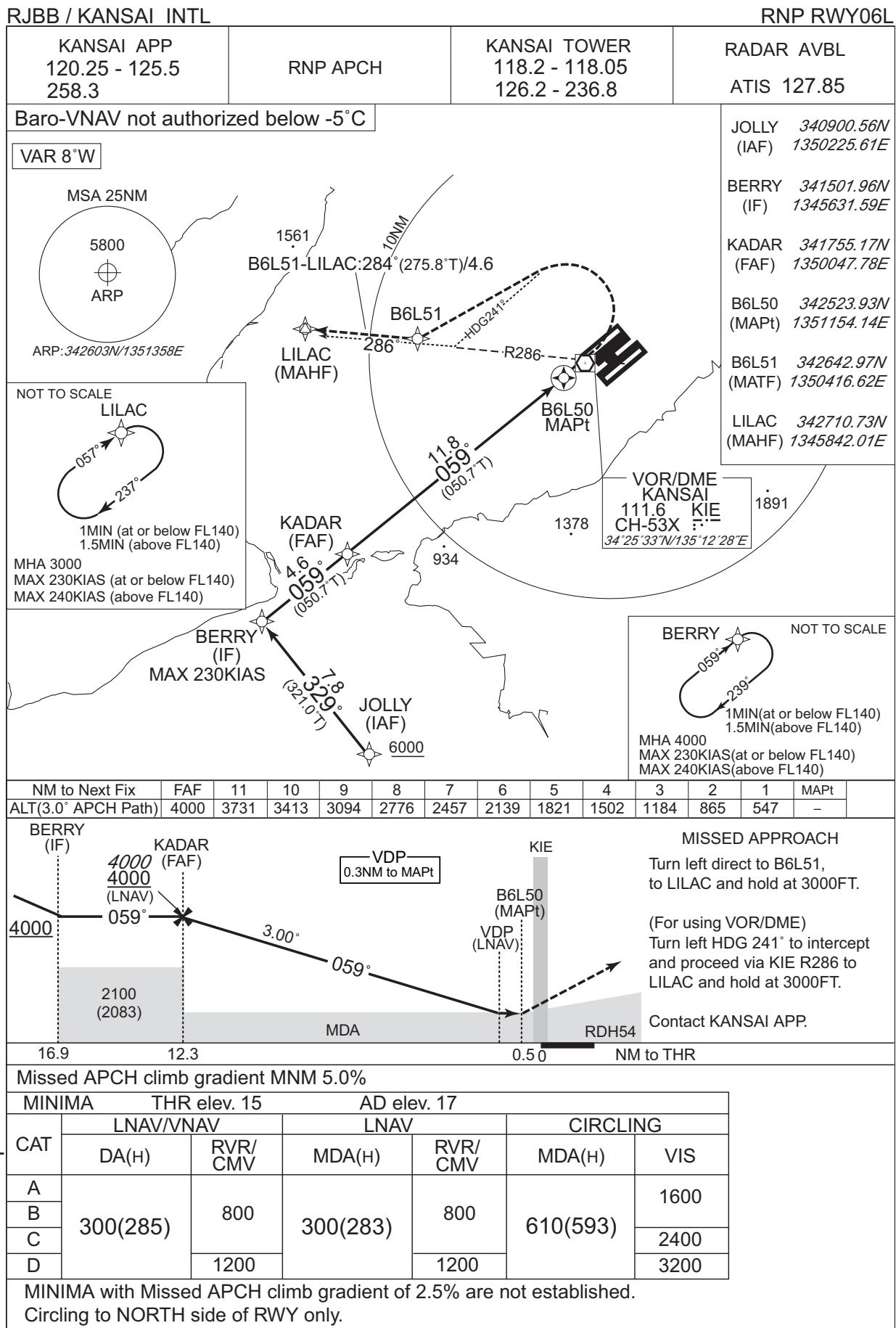


MINIMA THR elev. 23

AD elev. 17

CAT	CIRCLING			
	MDA(H)	RVR/CMV	MDA(H)	VIS
A	1000			
B			1600	
C	470 (453)	1200		2400
D		1600		3200
Circling to NORTH side of RWY only.				

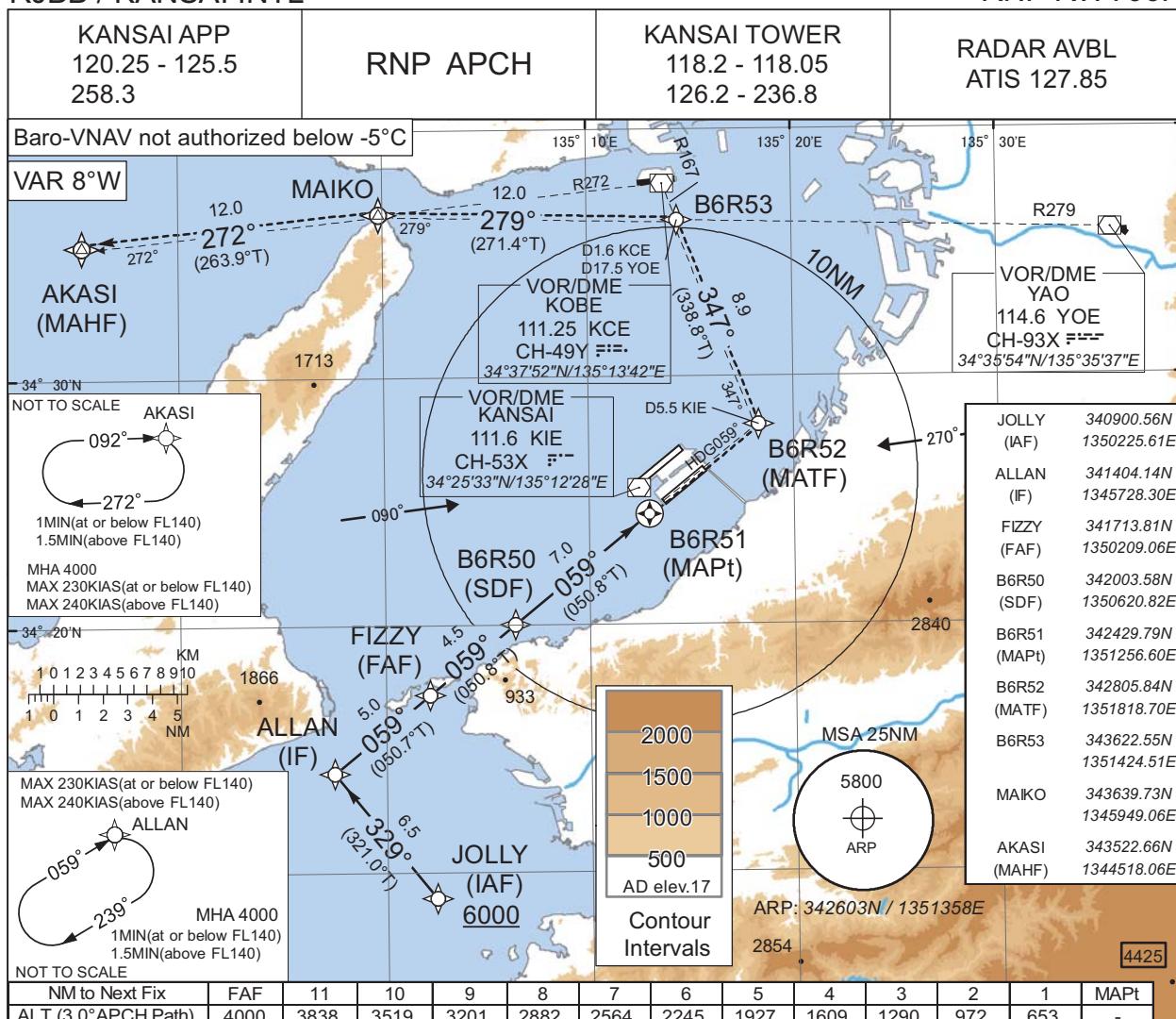
INSTRUMENT APPROACH CHART



## INSTRUMENT APPROACH CHART

RJBB / KANSAI INTL

RNP RWY06R



ALLAN

(IF)

FIZZY

(FAF)

VDP  
0.1NM to MAPtB6R50  
(SDF)  
(LNAV)

KIE

Direct to B6R52, to B6R53, to MAIKO, to AKASI and hold at 4000FT. Contact KANSAI APP.

(For using VOR/DME)  
Climb to 4000FT via HDG 059° to KIE 5.5DME, turn left, climb via KCE R167 to intercept and proceed via YOE R279 to MAIKO, via KCE R272 to AKASI and hold. Contact KANSAI APP.

4000

4000

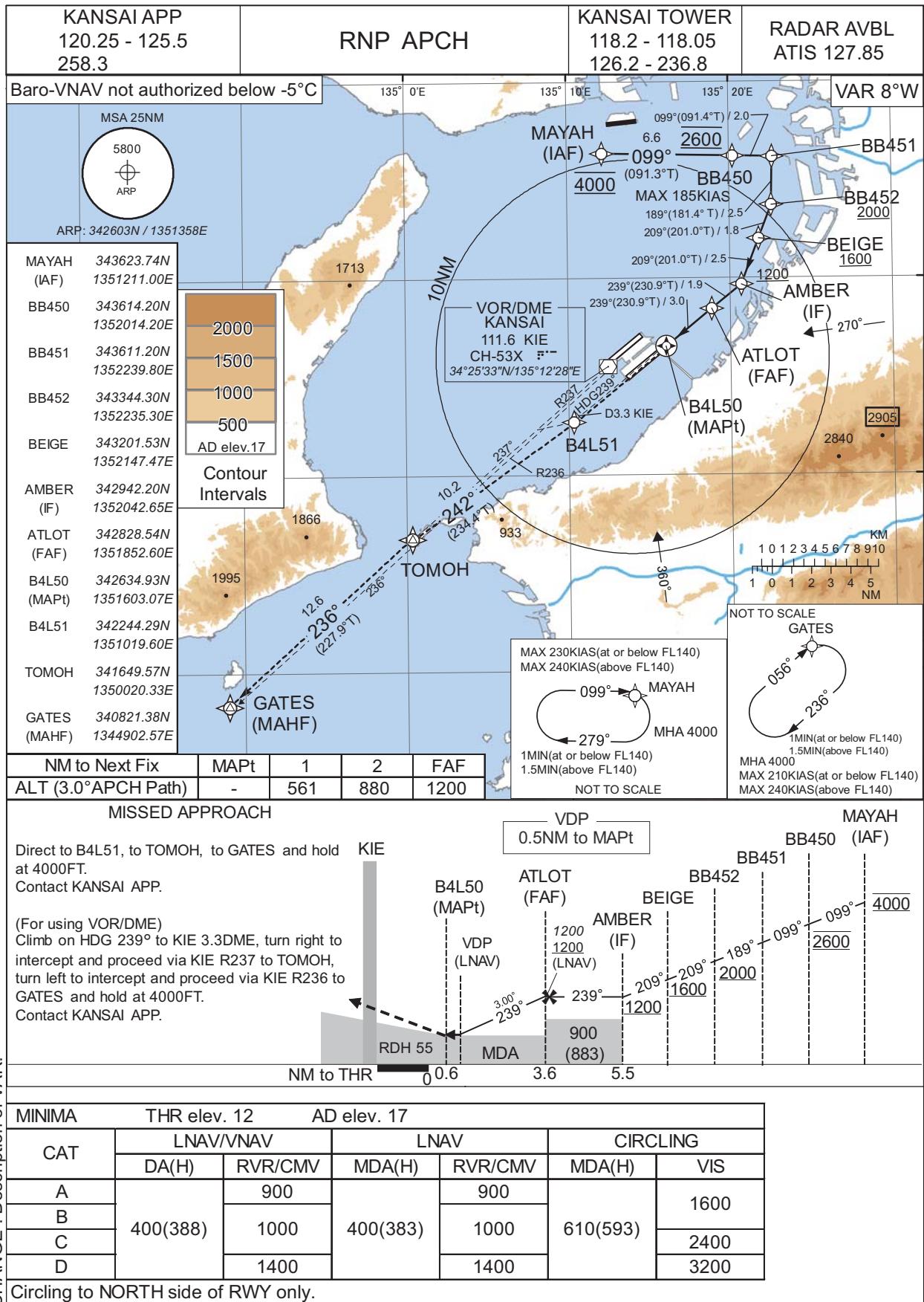
(LNAV)

4000

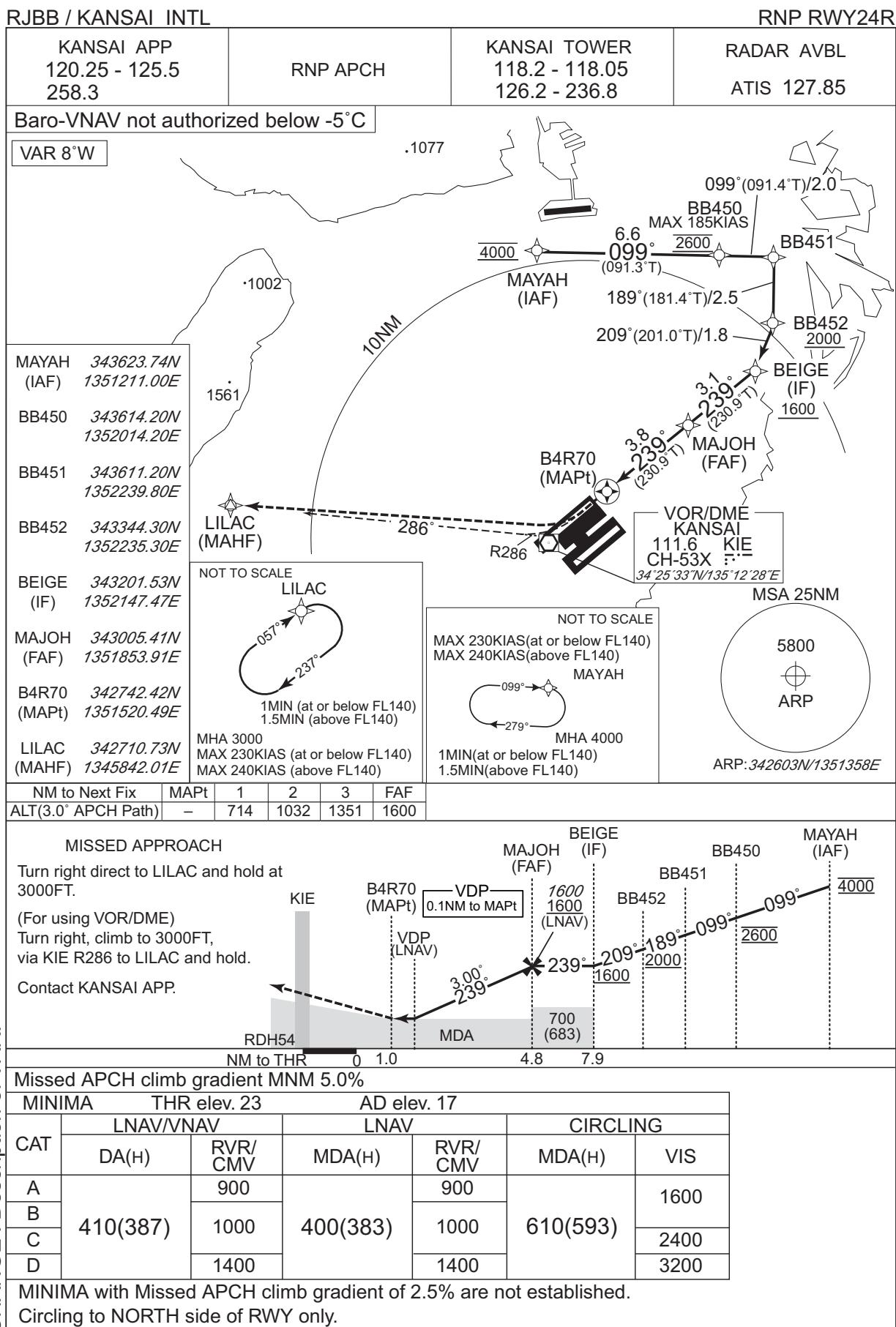
INSTRUMENT APPROACH CHART

RJBB / KANSAI INTL

RNP RWY24L

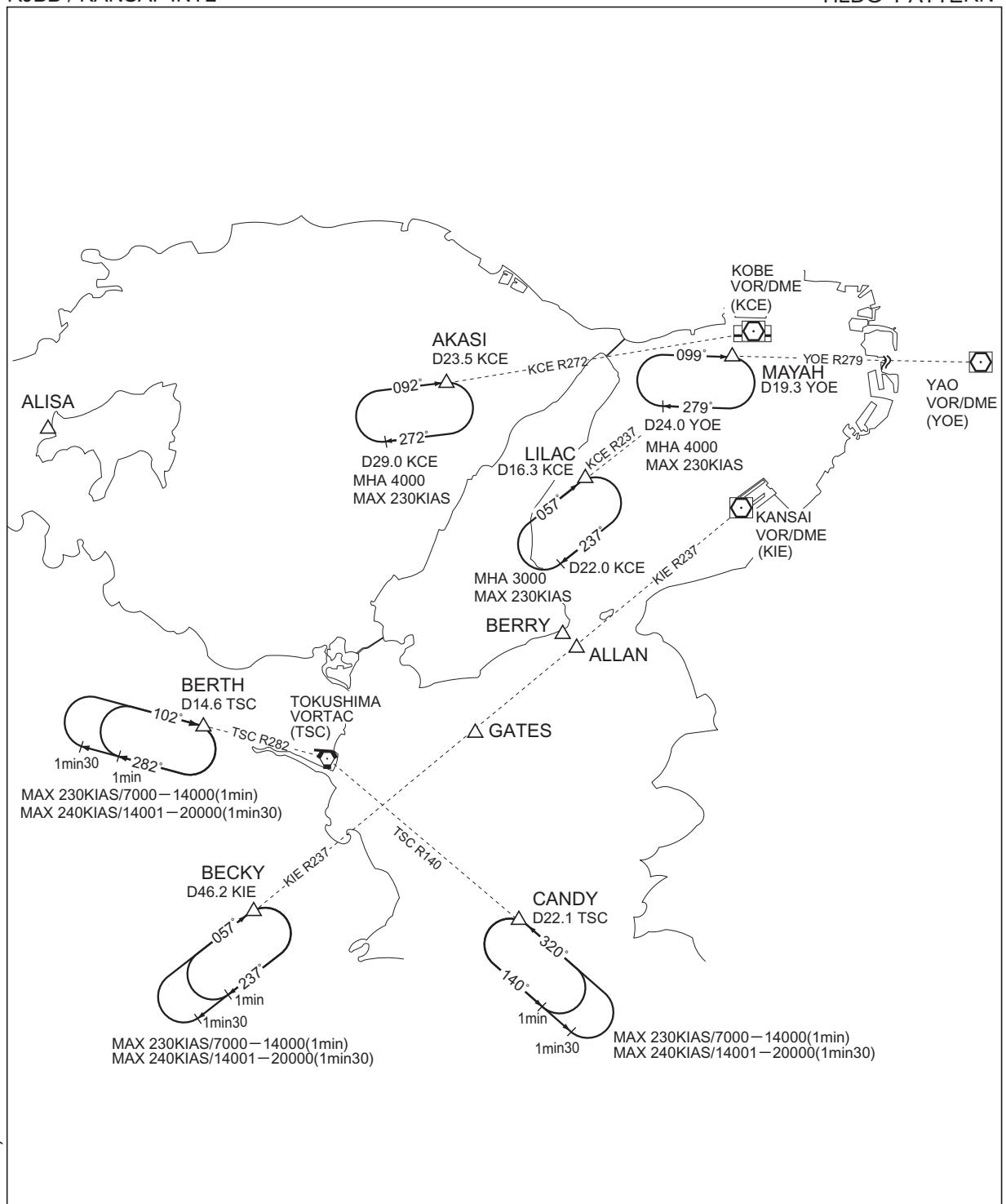


## INSTRUMENT APPROACH CHART

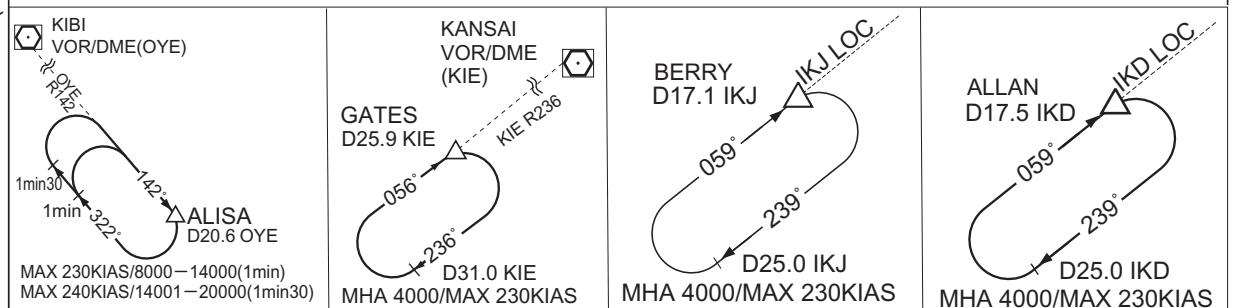


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HLDG PATTERN



CHANGE : HLDG course(ALLAN).

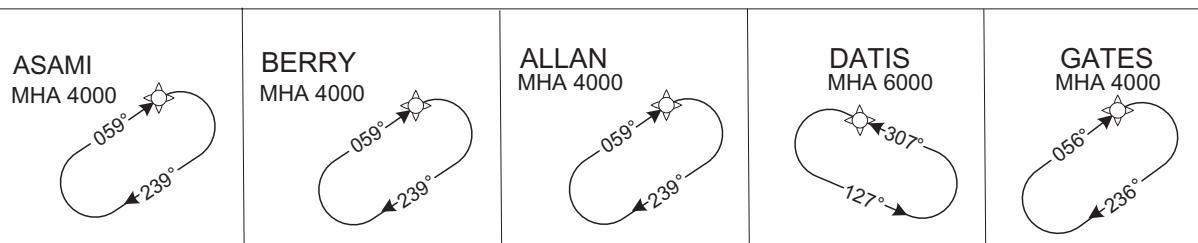


## RJBB / KANSAI INTL

## RNAV HLDG PATTERN

Note 1)DME/DME/IRU or GNSS required. 2)RADAR service required. 1)Outbound Time / Distance 2)Speed →See Tabular Description.		RNAV1
<p>The map illustrates RNAV routes for several waypoints: ALISA (MHA 10000), AKASI (MHA 4000), BERRY, DANDE (MHA 8000), GATES, ISPUM (MHA 8000), LILAC (MHA 3000), MAYAH (MHA 4000), BERTH (MHA 8000), ASAMI, and CANDY (MHA 9000). Each waypoint is marked with a starburst symbol and connected by a curved line representing the RNAV route. The routes include headings such as 092°, 272°, 099°, 279°, 102°, 282°, 270°, 090°, 142°, 322°, 103°, 283°, 058°, 238°, 322°, 142°, 059°, 239°, 059°, 239°, 059°, 239°, 307°, 127°, and 056°.</p>		

CHANGE : MHA at AKASI.



RJBB / KANSAI INTL

RNAV HLDG PATTERN

Path	Waypoint Identifier	Inbound Course °M(°T)	Magnetic Variation	Outbound Time (MIN)	Outbound Distance (NM)	Turn Direction	Minimum Altitude (FT)	Maximum Altitude (FT)	Speed (KIAS)	Navigation Specification
Hold	AKASI	092 (083.8)	-8.0	1.0(-14000) 1.5(+14001)	—	R	4000	—	-230(-14000) -240(+14001)	RNAV1
Hold	ALISA	142 (134.0)	-8.0	1.0(-14000) 1.5(+14001)	—	R	10000	—	-230(-14000) -240(+14001)	RNAV1
Hold	ALLAN	059 (050.8)	-8.0	1.0(-14000) 1.5(+14001)	—	R	4000	—	-230(-14000) -240(+14001)	RNAV1
Hold	ASAMI	059 (050.7)	-8.0	1.0(-14000) 1.5(+14001)	—	R	4000	—	-230(-14000) -240(+14001)	RNAV1
Hold	BECKY	058 (050.2)	-8.0	1.0(-14000) 1.5(+14001)	—	R	8000	—	-230(-14000) -240(+14001)	RNAV1
Hold	BERRY	059 (050.8)	-8.0	1.0(-14000) 1.5(+14001)	—	R	4000	—	-230(-14000) -240(+14001)	RNAV1
Hold	BERTH	103 (095.4)	-8.0	1.0(-14000) 1.5(+14001)	—	R	8000	—	-230(-14000) -240(+14001)	RNAV1
Hold	CANDY	322 (313.8)	-8.0	1.0(-14000) 1.5(+14001)	—	L	9000	—	-230(-14000) -240(+14001)	RNAV1
Hold	DANDE	270 (262.6)	-8.0	1.0(-14000) 1.5(+14001)	—	L	8000	—	-230(-14000) -240(+14001)	RNAV1
Hold	DATIS	307 (298.6)	-8.0	1.0(-14000) 1.5(+14001)	—	L	6000	—	-230(-14000) -240(+14001)	RNAV1
Hold	GATES	056 (048.2)	-8.0	1.0(-14000) 1.5(+14001)	—	R	4000	—	-210(-14000) -240(+14001)	RNAV1
Hold	ISPUM	282 (274.2)	-8.0	1.0(-14000) 1.5(+14001)	—	R	8000	—	-230(-14000) -240(+14001)	RNAV1
Hold	LILAC	057 (049.2)	-8.0	1.0(-14000) 1.5(+14001)	—	R	3000	—	-230(-14000) -240(+14001)	RNAV1
Hold	MAYAH	099 (091.3)	-8.0	1.0(-14000) 1.5(+14001)	—	R	4000	—	-230(-14000) -240(+14001)	RNAV1

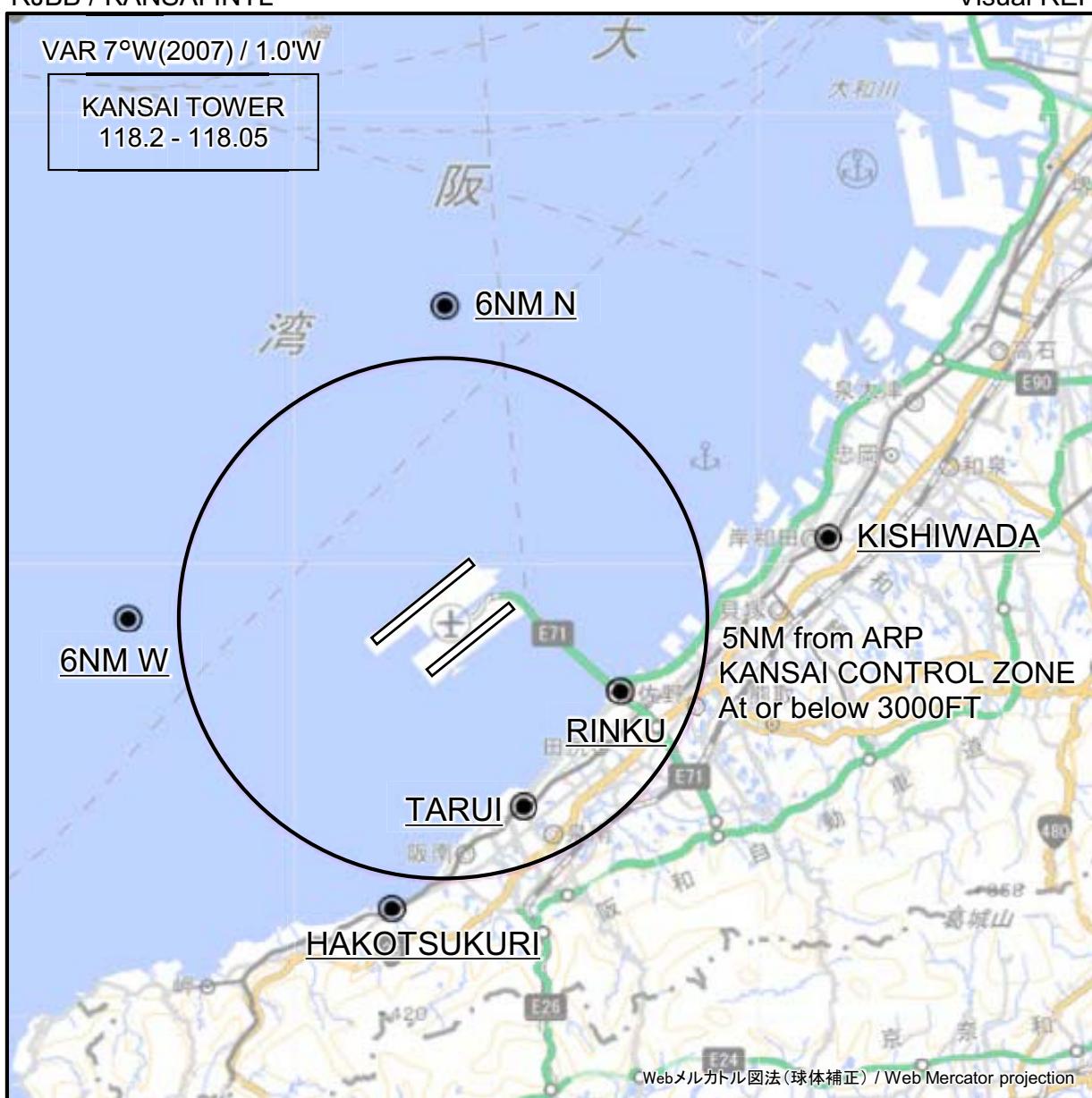
Waypoint Coordinates

Waypoint Identifier	Coordinates	Waypoint Identifier	Coordinates
AKASI	343522.7N/1344518.1E	CANDY	335229.8N/1345541.8E
ALISA	343042.6N/1340804.1E	DANDE	341309.4N/1352433.9E
ALLAN	341404.1N/1345728.3E	DATIS	335852.0N/1345613.1E
ASAMI	340757.9N/1344841.8E	GATES	340821.4N/1344902.6E
BECKY	335509.0N/1343030.6E	ISPUM	342548.3N/1351506.4E
BERRY	341502.0N/1345631.6E	LILAC	342710.7N/1345842.0E
BERTH	340911.4N/1341900.0E	MAYAH	343623.7N/1351211.0E

CHANGE : Coordinate at GATES.

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Visual REP



※図中に標高を示す数字がある場合、単位はメートル(m)である。The unit of measurement used to express elevation is meter(m).

CHANGE : Map updated. BRG/DIST from ARP. Remarks(Rinku).

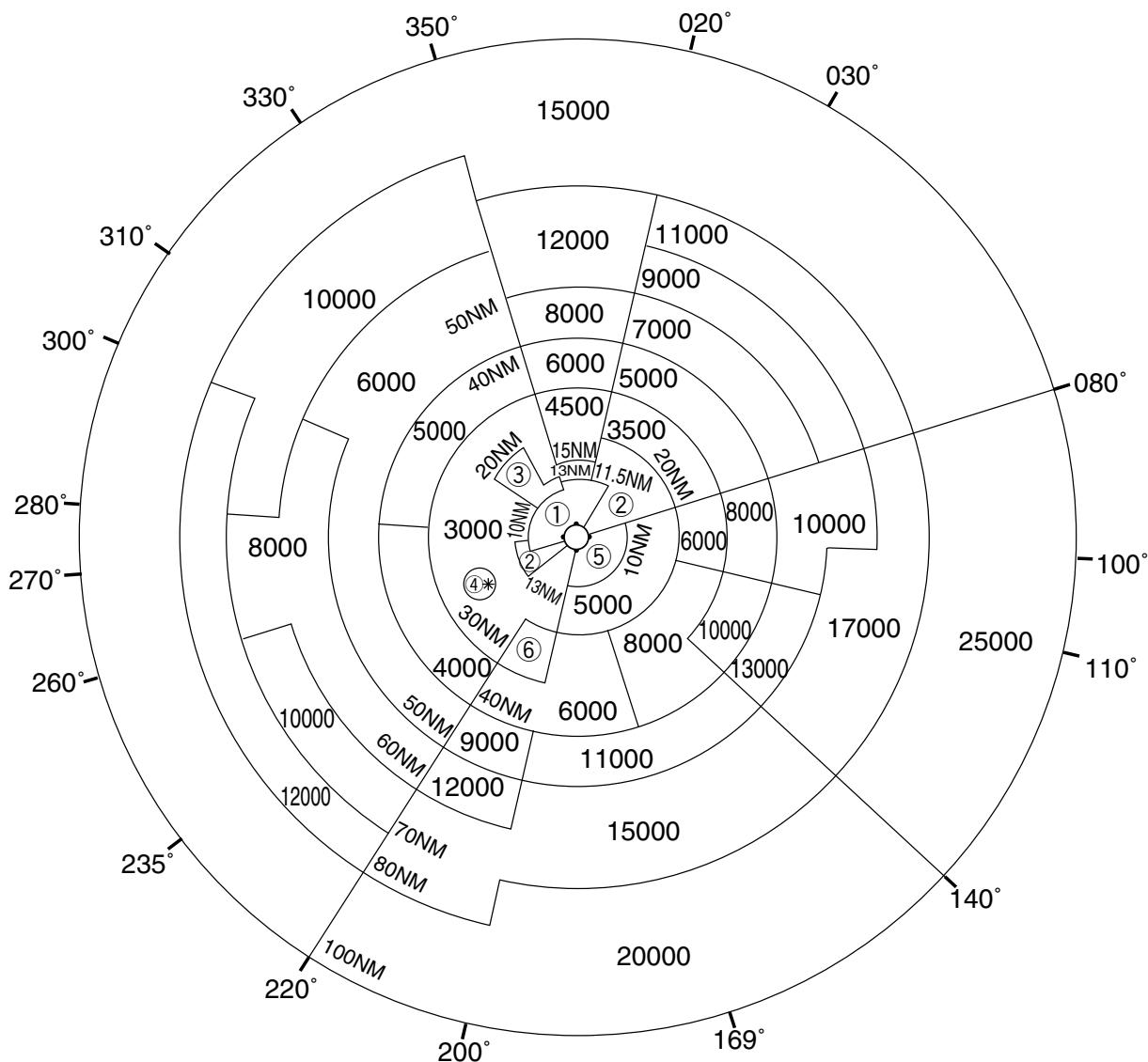
Call sign	BRG / DIST from ARP	Remarks
6NM N	360°T / 6.0NM	海上 Over the sea
岸和田 Kishiwada	078°T / 7.4NM	南海本線・岸和田駅 Station
6NM W	270°T / 6.0NM	海上 Over the sea
りんくう Rinku	113°T / 3.6NM	ビル Building
樽井 Tarui	158°T / 3.9NM	南海本線・樽井駅 Station
箱作 Hakotsukuri	190°T / 5.6NM	南海本線・箱作駅 Station



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Minimum Vectoring Altitude CHART

VAR 7°W (2009)



- ① 1500
- ② 2000
- ③ 2100
- ④ 3500
- ⑤ 4000
- ⑥ 5000

CENTER : 342636N/1351511E (No.1 RADAR SITE)  
 CENTER : 342540N/1351343E (No.2 RADAR SITE)

\* : 341405N/1344851E RADIUS : 3NM